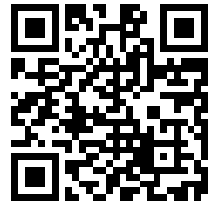


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Our one aim should be to up-hold  
the President of the United States  
In making it possible for civilization  
and humanity, along the lines of

American ideals of government, to be  
permanent throughout the world,  
and to show that America is united  
loyally, to attain that end.

ALBERT E. SLEEPER

THIRTY-FIFTH ANNUAL REPORT

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# DEPARTMENT OF LABOR

OF THE

## STATE OF MICHIGAN



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LANSING, MICHIGAN  
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## FORMER BUREAU OFFICIALS.

### COMMISSIONERS OF LABOR WITH THEIR TERMS OF OFFICE.

JOHN W. MCGRATH	- - - - -	May, 1883, to February 28, 1885.
CORNELIUS V. R. POND	- - - - -	March 1, 1885, to February 28, 1887.
ALFRED H. HEATH	- - - - -	March 1, 1887, to February 28, 1891.
HENRY A. ROBINSON	- - - - -	March 1, 1891, to April 1, 1893.
CHARLES H. MORSE	- - - - -	April 13, 1893, to May 1, 1897.
JOSEPH L. COX	- - - - -	May 1, 1897, to February 28, 1901.
SCOTT GRISWOLD	- - - - -	March 1, 1901, to February 28, 1905.
MALCOLM J. MCLEOD	- - - - -	March 1, 1905, to August 15, 1908.
RICHARD H. FLETCHER	- - - - -	August 15, 1908, to June 30, 1911.
PERRY F. POWERS	- - - - -	July 1, 1911, to June 30, 1913.
JAMES V. CUNNINGHAM	- - - - -	July 1, 1913, to June 30, 1917.
RICHARD H. FLETCHER	- - - - -	Appointed July 1, 1917.

### DEPUTY COMMISSIONERS.

JOHN DEVLIN	- - - - -	June 19, 1883, to February 28, 1885.
FRANK B. EGAN	- - - - -	March 1, 1885, to February 28, 1887.
CHAS. E. BARNES	- - - - -	March 1, 1887, to February 28, 1891.
MILO E. MARSH	- - - - -	March 1, 1891, to April 30, 1893.
JOSEPH W. SELDEN	- - - - -	May 1, 1893, to May 30, 1894.
H. R. DEWEY	- - - - -	June 1, 1894, to February 28, 1897.
JOHN HOLBROOK	- - - - -	March 1, 1897, to February 28, 1901.
MALCOLM J. MCLEOD	- - - - -	March 1, 1901, to February 28, 1905.
RICHARD H. FLETCHER	- - - - -	March 1, 1905, to August 15, 1908.
CHARLES H. JOHNSON	- - - - -	August 15, 1908, to June 30, 1911.
JOHN W. SMITH	- - - - -	July 1, 1911, to June 30, 1913.
CHAS. E. HOGADONE	- - - - -	July 1, 1913, to November 15, 1914.
FRED A. ZIERLEYN	- - - - -	November 15, 1914, to June 15, 1915.
JAMES F. HAMMELL	- - - - -	June 15, 1915, to June 29, 1916.
JAMES F. HAMMELL, JR.	- - - - -	July 15, 1916, to June 30, 1917.
FRED W. CASTATOR	- - - - -	Appointed July 1, 1917.

70080.



OFFICIAL STAFF OF THE DEPARTMENT OF LABOR.

Commissioner..... R. H. FLETCHER.  
Deputy Commissioner..... FRED W. CASTATOR.  
Chief Assistant..... MAURICE D. KIRBY.

FACTORY INSPECTORS—MEN.

William Alee, Alpena	William Henry, Marquette.
Samuel J. Daugherty, Caro.	Joseph Ivers, Detroit.
Gustav Dihle, Detroit.	Oswald Proctor, Detroit.
George H. Downing, Bay City.	Tom F. Rogers, Ravenna.
William M. Foote, Belding.	Frank A. Shuart, Lansing.
William E. Gillen, Jackson.	Henry Utermalen, Detroit.
Fred A. Henry, Flint.	Leonard M. Vincent, Port Huron.

FACTORY INSPECTORS—WOMEN.

Mrs. Mary Girardin, Detroit.	Miss Olive Fletcher, Bay City.
Miss Elizabeth Moran, Detroit.	

BOAT INSPECTOR.

James McLarty.

COAL MINE INSPECTOR.

Duncan A. Reid.

SPECIAL AGENTS.

Perry J. Ward, Detroit.	R. H. Fletcher, Jr., Bay City.
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SUPERINTENDENTS OF MICHIGAN FREE EMPLOYMENT BUREAUS.

Battle Creek, John R. Sallows.	Grand Rapids, Edward O'Donnell.
Bay City, George A. Hawkins.	Jackson, John R. Chrimes.
Detroit, Henry A. Nies;	Lansing, James P. Donovan.
Assistants, W. E. Cunningham.	Muskegon, William H. Smith.
Melba V. Lee.	Saginaw, Terry Kelly.
Flint, Charles H. Hamelin.	

OFFICE STAFF.

STENOGRAPHERS.

Mrs. Ruth Russell Davis.  
Miss Cecile R. Cooper.  
Miss Stella F. McLeod (Detroit office).

CLERKS.

Samuel B. Mullen.  
Mrs. Julia M. Ruen.

MESENGER.

Charles Campbell.



ANNUAL REPORT  
OF THE  
COMMISSIONER OF LABOR.

*To the Governor:*

Lansing, Michigan, March 31, 1918.

*Honorable Albert E. Sleeper, Governor of Michigan,*

Dear Sir:—I herewith submit for your consideration, in compliance with Section 2 of Act 285 of P. A. of 1909, as amended, the Thirty-fifth annual report of the Department of Labor, being the business of the year ending March 31, 1918.

The efforts of the Commissioner of Labor and his Deputies were met with a very much larger degree of public favor and public approval than ever before. There can be no question but that when the world-wide war is over there will be a nation-wide demand that there shall be a more equitable distribution of the burdens and privileges of life. It is hardly to be expected that longer delay to this demand for industrial and social justice will be altogether satisfactory to labor, nor will it be denied that the influence of this demand is tangible and insistent, and that more and more it will be effective in providing desirable results and improved conditions.

It was discovered shortly after accepting the commissionership on July 1, 1917, that there was a lack of safety and sanitary standards for the guidance of the inspection force. It therefore became evident, if the Deputy factory inspectors sent out by the Department were to be of any service to the industries of the State of Michigan, that suitable standards should be drafted which would enable the deputy factory inspector to act with more uniform intelligence and reasonableness than they otherwise could. Acting upon that, a very extensive investigation was made into the causes that contributed to the great number of accidents occurring from day to day, even after the most painstaking efforts of the officials who are charged with the duty of reducing accidents to the minimum. A number of facts were brought out that are of great interest and value to those engaged in the furtherance of safety movements and the avoidance of accidents in the manufacturing industries of the State.

After careful study of the conditions found, it was thought advisable to call the employers' attention to their duties to the employees. I personally could see no reason why an institution should not furnish a place of employment which would be safe for employees therein, and frequenters thereof, and which should furnish and use safety devices and

safe guards, and adopt and use methods and processes reasonably adequate to render such employment and places of employment safe.

It cannot be too strongly impressed upon the owner, or his agent or his superintendent, or any other person in charge of foundry, warehouse, storeroom, or any place where labor is employed, that in no case should any employee be allowed or permitted to remove, displace, damage, destroy or carry off any safety device or safeguard furnished and provided for use in any employment or place of employment, nor interfere in any way with the use thereof, by any other person, nor shall any employee be permitted to interfere with the use of any method or process adopted for the protection of any employee in such employment or place of employment, or frequenter of such place of employment, nor fail or neglect to do every other thing reasonably necessary to protect the life, health, safety, or welfare of such employees or frequenters.

Labor conservation at all times means much to society; but at this particular time, when the agencies of production are taxed to what may be termed the breaking point of human effort, it is of vital importance to our government now and for the future carefully to put this policy into practice, for with the ending of the war the nation that has best conserved its labor power will forge to the front commercially on account of the advantage it will have in production.

Conservation of labor makes for both an adequate and a greater efficiency, two things which are most essential for the successful prosecution of the war and absolutely necessary if we hope to hold our own in the grasp for trade that will ensue after the war is over.

It was strongly impressed upon the managers, superintendents and foremen of every manufacturing establishment through our deputy factory inspectors, that the man who is not over-fatigued at the end of the day's work, the well-paid contented man, the man with a grievance, right or wrong, who has assurance that he can get a respectful hearing, will be the greatest medium through which to conserve labor. These things tend to minimize sickness and create incentive for alertness while producing, which in turn prevents accidents and gives ambition to expend the full amount of energy in the given time for a day's work when it is reasonable.

On the other hand, the man who has long hours, who is over-fatigued and who works under conditions that are more or less hazardous, has no thought other than a perfunctory performance of his task.

## WOMEN WAGE EARNERS

The most important question that the Labor Department has to deal with is that which has to do with women wage earners. The world war has brought about a revolution in women's work. Woman's tendency to venture more and more into traditional occupations of men received an enormous acceleration when the first soldiers were called to the colors abroad. Thousands of women are now working in occupations that not even the most advanced suffragist ever asked to be thrown open to them. There is literally not a thing that man has done that women are not now doing. This is not only true of manufacturing work and the professional and business occupations, but it is also true of the hardest kind of mechanical and laboring work.

So there has arisen the most vital problem that has ever faced the Department and the State. Women have been employed in some occupations in which men only were formerly employed, and for which little or no protection was provided by law. Again in some cases new dangers have developed for which former laws made no specific provisions.

In 1916 there was employed in the work shops and factories in Michigan 72,613 women, 14 years of age and over pursuing gainful occupations, of whom 72,063 were over 16 years of age.

In all groups of occupations the number of women to each man has increased, or the number of men to the number of women has decreased since the beginning of the war. The change in some instances has been remarkably abrupt, and must continue to be increasingly so.

The specification question asked: What will be the reactions between this excessive and abrupt employment of women, the diminution in the number of working men, and the effect upon labor conditions generally throughout the State.

A great number of industries throughout the State have sought to break down the standards regarding the hours of labor women and children are permitted to work in gainful occupations. The British official report, states that "given the necessity for this it has been the business of the government to see that the relaxations in hours of labor should react with a minimum of evil results upon health, although the period during which women have been employed under war-time stress is too short for some of the less obvious effect of occupational influences upon their health to be measured, there is a considerable body of evidence that the work of the present day is overtaxing their strength.

The engagement of women in the manufacturing of war materials, for instance, presents many features of outstanding interest. There, workers include dressmakers, laundry workers, textile workers, domestic servants, electrical workers, shop assistants, women and girls of every social grade and of no previous wage earning experiences. The danger of industrial employment to these workers include not only the risk of injury from accident but also the risk to health arising from the conditions under which an industry may be conducted. The chief perils are the lack of air, the presence of poisonous or irritating fumes, contact with

poisonous materials, exposure to unnatural temperature or degrees of moisture and machinery.

The routine of attending a machine involves strain enough at best. If the degree of attention necessary at the outset continued through any extended period, the strain would be destructive. This is the more true the higher the original quality of the nervous system concurred. For a normally constituted person such a continued strain would be impossible without grave danger.

As today the metal trades are in the ascendency, it is pertinent to remark that the hazard to women in these industries is distinct and considerable; that when men and women work at the same task its dangers menace the women much more seriously.

The dangers from machinery were most marked in the various metal working trades, and in paper box making. The most frequent risk was in connection with various forms of power or stamping presses, and the corner staying machines in box factories. In both cases the danger arises from the fact that in adjusting her work the operator's hands must approach or reach a spot at which a few seconds later a crushing blow is to be delivered by a metal stamp or die. The danger of accident or miscalculation is obvious.

### CHILD LABOR

It is a source of pleasure to be able to record the favorable attention that has been given to Michigan during the last year, and the kindly references that have been made to this State by the national government as well as a great number of publications interested in the subject, through the fact that it is one of the few states possessed of a child labor law to any degree responsive to the present status of public opinion and widespread demand on that question. It should not be insisted upon or even admitted that the prohibition and regulation now provided for in our statutes with reference to Child Labor represent the forward limit of public need and public requirements on that question.

Our present state law on that subject was strengthened at the last session of the legislature, which provided that no child under 15 years of age shall be employed, permitted or suffered to work in or in connection with any mercantile institution, store, office, hotel, laundry, manufacturing establishment, mine, bowling alley, billiard or pool room, theater, passenger or freight elevator, factory or workshop, telegraph or messenger service. However, this section does not prohibit a child of 14 years or over from working on Saturday or other days during the school year outside of school hours or during the established vacation period.

The compulsory school law of our state assists in the enforcement of this requirement, and provides a greatly appreciated reinforcement to our general child labor regulations as does the United States Child Labor Law, which became effective September 1st, 1917.

At a conference of state officials held in Washington on July 27th,



1917, at which officials from 29 states were present, the motion that it was the sense of the conference that it would be mutually helpful if state officers were deputized under the United States Child Labor Law was unanimously carried. In accordance with that vote the Secretary of Labor approved the deputizing or commissioning as inspectors under the United States Child Labor Act of the state officers who are charged under the state statutes with the enforcement of the State Child Labor Laws. The powers which this commission gave the commissioner of labor and deputy factory inspectors are those enumerated in Sec. 3, Act and Regulation 9 of the Rules and Regulations approved by the Board of Secretaries on August 14th, 1917.

**RULES AND REGULATIONS FOR CARRYING OUT THE PROVISIONS OF AN ACT OF THE CONGRESS OF THE UNITED STATES APPROVED SEPTEMBER 1, 1916, ENTITLED "AN ACT TO PREVENT INTERSTATE COMMERCE IN THE PRODUCTS OF CHILD LABOR, AND FOR OTHER PURPOSES."**

**REGULATION 1. CERTIFICATES OF AGE.**

Certificates of age, in order to protect the producer, manufacturer, or dealer from prosecution, shall be either:

1. *Federal age certificates issued by persons hereafter to be designated by the board for children between 16 and 17 years of age when employment in or about a mine or quarry is contemplated and for children between 14 and 16 years of age when employment in a mill, cannery, workshop, factory, or manufacturing establishment is contemplated. Such certificates shall contain the following information: (1) Name of child; (2) place and date of birth of child, together with statement of evidence on which this is based, except when a physician's certificate of physical age is accepted by the issuing officer, in which case physical age shall be shown; (3) sex and color; (4) signature of child; (5) name and address of child's parent, guardian, or custodian; (6) signature of issuing officer; and (7) date and place of issuance.*

2. *Employment, age, or working certificate, permit, or paper issued under State authority in such States as are hereafter designated by the board.*

**REGULATION 2. PROOF OF AGE.**

Persons authorized by the board to issue age certificates under the authority of this act shall issue such certificates only upon the application in person of the child desiring employment, accompanied by its parent, guardian, or custodian, and after having received, examined, and approved documentary evidence of age showing that the child is 14 years of age or over if employment in a mill, cannery, workshop, factory, or manufacturing establishment is contemplated, or that the child is between 16 and 17 years of age if employment in or about a mine or quarry is contemplated; which evidence shall consist of one of the fol-

lowing-named proofs of age, to be required in the order herein designated, as follows:

(a) A birth certificate or attested transcript thereof issued by a registrar of vital statistics or other officer charged with the duty of recording births.

(b) A record of baptism or a certificate or attested transcript thereof showing the date of birth and place of baptism of the child.

(c) A bona fide contemporary record of the date and place of the child's birth kept in the Bible in which the records of the births in the family of the child are preserved, or other documentary evidence satisfactory to the Secretary of Labor or such person as he may designate, such as a passport showing the age of the child, a certificate of arrival in the United States issued by the United States immigration officers and showing the age of the child, or a life insurance policy; provided that such other satisfactory documentary evidence has been in existence at least one year prior to the time it is offered in evidence; and provided further that a school record or a parent's, guardian's, or custodian's affidavit, certificate, or other written statement of age shall not be accepted except as specified in paragraph (d).

(d) A certificate signed by a public-health physician or a public-school physician, specifying what in the opinion of such physician is the physical age of the child; such certificate shall show the height and weight of the child and other facts concerning its physical development revealed by such examination and upon which the opinion of the physician as to the physical age of the child is based. A parent's, guardian's, or custodian's certificate as to the age of the child and a record of age as given on the register of the school which the child first attended or in the school census, if obtainable, shall be submitted with the physician's certificate showing physical age.

The officer issuing the age certificate for a child shall require the evidence of age specified in subdivision (a) in preference to that specified in any subsequent subdivision and shall not accept the evidence of age permitted by any subsequent subdivision unless he shall receive and file evidence that the evidence of age required by the preceding subdivision or subdivisions can not be obtained.

### REGULATION 3. AUTHORIZATION OF ACCEPTANCE OF STATE CERTIFICATES.

States in which the age, employment, or working certificates, permits, or papers are issued under State authority substantially in accord with the requirements of the act and with regulation 2 hereof may be designated, in accordance with section 5 of the act, as States in which certificates issued under State authority shall have the same force and effect as those issued under the direct authority of this act, except as individual certificates may be suspended or revoked in accordance with regulations 4 and 8. Certificates in States so designated shall have this force and effect for the period of time specified by the board, unless in the judgment of the board the withdrawal of such authorization at an earlier date seems desirable for the effective administration of the act. Certificates requiring conditions or restrictions additional to those required by the Federal act or by the rules and regulations shall not be deemed to be inconsistent with the act.

**REGULATION 4. SUSPENSION OR REVOCATION OF CERTIFICATES.**

**SECTION 1.** Whenever an inspector duly authorized under this act shall find that the age of a child employed in any mill, cannery, workshop, factory, manufacturing establishment, mine, or quarry as given on a certificate is incorrect, or that the time record is not kept in accordance with regulation 8, he shall notify the child, the employer, and the issuing officer that the certificate or the acceptance of a State certificate for the purposes of this act is suspended and indicate such suspension on the certificate or certificates.

**SEC. 2.** A statement of the facts for which the suspension was made shall be forwarded by the inspector to the Secretary of Labor, or such person as he may designate, who will either (a) revoke or withdraw the certificate or the acceptance of the certificate, or (b) veto the suspension, as in his judgment the facts of the case warrant.

Due notice shall be sent to the child's parent, guardian, or custodian, to the employer, and to the issuing officer of the action taken in regard to a suspended certificate.

**SEC. 3.** If the suspension of a certificate be vetoed, a new certificate shall be issued upon the surrender of the one suspended. If for any reason such new certificate can not be obtained from a State issuing officer, the notice of the veto if attached to a suspended certificate shall be recognized and accepted as meeting the requirements of section 5 of the act.

**REGULATION 5. REVOKED OR SUSPENDED CERTIFICATES.**

A revoked or suspended certificate will not protect a producer, manufacturer, or dealer from prosecution under section 5 of the act after notice of such suspension or revocation, except as provided in regulation 4.

**REGULATION 6. HOURS OF EMPLOYMENT.**

In determining whether children between 14 and 16 years of age have been employed more than eight hours in any day the hours of employment shall be computed from the time the child is required or permitted or suffered to be at the place of employment up to the time when he leaves off work for the day, exclusive of a single continuous period of a definite length of time during which the child is off work and not subject to call.

**REGULATION 7. DAYS OF EMPLOYMENT.**

A child may not be employed for more than six consecutive days.

**REGULATION 8. TIME RECORD.**

**SECTION 1.** A time record shall be kept daily by producers or manufacturers, showing the hours of employment in accordance with regulation 6, for each and every child between 14 and 16 years of age, whether employed on a time or a piece-rate basis.

**SEC. 2.** Certificates of age for children employed in any mine or quarry or in any mill, cannery, workshop, factory, or manufacturing establishment may be suspended or revoked for failure on the part of

a manufacturer or producer to keep time records as required by this regulation or for false or fraudulent entries made therein.

#### REGULATION 9. INSPECTION.

An inspector duly authorized under this act shall have the right to enter and inspect any mine or quarry, mill, cannery, workshop, factory, or manufacturing establishment, and other places in which goods are produced or held for interstate commerce; to inspect the certificates of age kept on file, time records and such other records of the producer or manufacturer as may aid in the enforcement of the act; to have access to freight bills, shippers' receipts, or other records of shipments in interstate or foreign commerce kept by railroads, express companies, steamship lines, or other transportation companies so far as they may aid in the enforcement of the act.

#### REGULATION 10. OBSTRUCTING INSPECTION.

SECTION 1. It shall be the duty of a producer or manufacturer to produce for examination by an inspector the certificates of age kept on file and any child in the employ of a manufacturer or producer whom the inspector may ask to see. Concealing or preventing or attempting to conceal or prevent a child from appearing before an inspector or being examined by him or hindering or delaying in any way an inspector in the performance of his duties shall be considered an obstruction of inspection within the meaning of section 5.

SEC. 2. No owner, manager, or other person in charge of premises or records shall be subject to prosecution for obstruction of inspection if the inspector shall refuse upon request to submit his identification card for examination by such owner, manager, or other person.

#### REGULATION 11. REMOVAL.

Withdrawal for any purpose of an article or commodity from the place where it was manufactured or produced constitutes a removal thereof within the meaning of the act; and the 30-day period within which employment of children contrary to the standards prescribed in section 1 of the act results in prohibiting shipment in interstate or foreign commerce shall be computed from that time.

#### REGULATION 12. GUARANTY.

SECTION 1. A guaranty to protect a dealer from prosecution under section 5 of the act shall be signed by and contain the name and address of the manufacturer or producer; it shall be specific, covering the particular goods shipped or delivered for shipment or transportation, and shall not be a general guaranty covering all goods manufactured or produced or to be manufactured or produced by the guarantor. It may be incorporated in or attached to or stamped or printed on the bill of sale, bill of lading, or other schedule that contains a list of the goods which the manufacturer or producer intends to guarantee.

SEC. 2. A dealer shipping goods from a State other than the State

of manufacture or production does not require a guaranty in order to be protected from prosecution. (See Sec. 6 of the act.)

SEC. 3. A guaranty substantially in accordance with the following forms will comply with the requirements of the act:

*For products of mines or quarries—*

(I or we), the undersigned, do hereby guarantee that the articles or commodities listed herein, (or specify the same) were produced by (me or us) in a mine or quarry in which within 30 days prior to removal of such product therefrom<sup>1</sup> no children under the age of 16 years were employed or permitted to work.

(Name and place of business of producer or manufacturer.)

(Date of removal.)

*For products of a mill, cannery, workshop, factory, or manufacturing establishment—*

(I or we), the undersigned, do hereby guarantee that the articles or commodities listed herein (or specify the same) were produced or manufactured by (me or us) in a (mill, cannery, workshop, factory, or manufacturing establishment) in which within 30 days prior to the removal of such product therefrom<sup>1</sup> no children under the age of 14 years were employed or permitted to work, nor children between the ages of 14 years and 16 years were employed or permitted to work more than eight hours in any day or more than six days in any week, or after the hour of 7 o'clock p. m. or before the hour of 6 o'clock a. m.

(Name and place of business of producer or manufacturer.)

(Date of removal.)

REGULATION 13. ALTERATION AND AMENDMENT OF REGULATIONS.

These regulations may be altered or amended at any time without previous notice by the board as constituted in section 2 of the act.

[PUBLIC—No. 249—64TH CONGRESS.]

[H. R. 8234.]

AN ACT TO PREVENT INTERSTATE COMMERCE IN THE PRODUCTS OF CHILD LABOR, AND FOR OTHER PURPOSES.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That no producer, manufacturer, or dealer shall ship or deliver for shipment in interstate or foreign commerce any article or commodity the product of any mine or quarry, situated in the United States, in which within thirty days prior to the time of the removal of such product therefrom children under the age of sixteen years have been employed or permitted to work, or any article or commodity the product of any mill, cannery, workshop, factory, or manufacturing establishment, situated in the United States, in which within thirty days prior to the removal of such product therefrom children under the age of fourteen years have been employed or permitted to work, or children between the ages of fourteen years and sixteen years have been employed or permitted to work more than eight hours in any day, or more than six days in any week, or after the hour of seven o'clock postmeridian, or before the hour of six o'clock antemeridian: *Provided,* That a prosecution and conviction of a defendant for the shipment or delivery for shipment of any article or commodity under the conditions

<sup>1</sup> During the month of September 1917, a manufacturer or producer may substitute for the clause "within 30 days prior to the removal therefrom" the clause "on and after September 1, 1917."

herein prohibited shall be a bar to any further prosecution against the same defendant for shipments or deliveries for shipment of any such article or commodity before the beginning of said prosecution.

SEC. 2. That the Attorney General, the Secretary of Commerce, and the Secretary of Labor shall constitute a board to make and publish from time to time uniform rules and regulations for carrying out the provisions of this act.

SEC. 3. That for the purpose of securing proper enforcement of this act the Secretary of Labor, or any person duly authorized by him, shall have authority to enter and inspect at any time mines, quarries, mills, canneries, workshops, factories, manufacturing establishments, and other places in which goods are produced or held for interstate commerce; and the Secretary of Labor shall have authority to employ such assistance for the purposes of this act as may from time to time be authorized by appropriation or other law.

SEC. 4. That it shall be the duty of each district attorney to whom the Secretary of Labor shall report any violation of this act, or to whom any State factory or mining or quarry inspector, commissioner of labor, State medical inspector, or school-attendance officer, or any other person shall present satisfactory evidence of any such violation to cause appropriate proceedings to be commenced and prosecuted in the proper courts of the United States without delay for the enforcement of the penalties in such cases herein provided: *Provided*, That nothing in this act shall be construed to apply to bona fide boys' and girls' canning clubs recognized by the Agricultural Department of the several States and of the United States.

SEC. 5. That any person who violates any of the provisions of section one of this act, or who refuses or obstructs entry or inspection authorized by section three of this act, shall for each offense prior to the first conviction of such person under the provisions of this act, be punished by a fine of not more than \$200, and shall for each offense subsequent to such conviction be punished by a fine of not more than \$1,000, nor less than \$100, or by imprisonment for not more than three months, or by both such fine and imprisonment, in the discretion of the court: *Provided*, That no dealer shall be prosecuted under the provisions of this act for a shipment, delivery for shipment, or transportation who establishes a guaranty issued by the person by whom the goods shipped or delivered for shipment or transportation were manufactured or produced, resident in the United States, to the effect that such goods were produced or manufactured in a mine or quarry in which within thirty days prior to their removal therefrom no children under the age of sixteen years were employed or permitted to work, or in a mill, cannery, workshop, factory, or manufacturing establishment, in which within thirty days prior to the removal of such goods therefrom no children under the age of fourteen years were employed or permitted to work, nor children between the ages of fourteen years and sixteen years employed or permitted to work more than eight hours in any day or more than six days in any week or after the hour of seven o'clock postmeridian or before the hour of six o'clock antemeridian; and in such event, if the guaranty contains any false statement of a material fact, the guarantor shall be amenable to prosecution and to the fine or imprisonment pro-

vided by this section for violation of the provisions of this act. Said guaranty, to afford the protection above provided, shall contain the name and address of the person giving the same: *And provided further*, That no producer, manufacturer, or dealer shall be prosecuted under this act for the shipment, delivery for shipment, or transportation of a product of any mine, quarry, mill, cannery, workshop, factory, or manufacturing establishment, if the only employment therein, within thirty days prior to the removal of such product therefrom, of a child under the age of sixteen years has been that of a child as to whom the producer or manufacturer has in good faith procured, at the time of employing such child, and has since in good faith relied upon and kept on file a certificate, issued in such form, under such conditions, and by such persons as may be prescribed by the board, showing the child to be of such an age that the shipment, delivery for shipment, or transportation was not prohibited by this act. Any person who knowingly makes a false statement or presents false evidence in or in relation to any such certificate or application therefor shall be amenable to prosecution and to the fine or imprisonment provided by this section for violations of this act. In any State designated by the board, an employment certificate or other similar paper as to the age of the child, issued under the laws of that State and not inconsistent with the provisions of this act, shall have the same force and effect as a certificate herein provided for.

SEC. 6. That the word "person" as used in this act shall be construed to include any individual or corporation or the members of any partnership or other unincorporated association. The term "ship or deliver for shipment in interstate or foreign commerce" as used in this act means to transport or to ship or deliver for shipment from any State or Territory or the District of Columbia to or through any other State or Territory or the District of Columbia or to any foreign country; and in the case of a dealer means only to transport or to ship or deliver for shipment from the State, Territory, or district of manufacture or production.

SEC. 7. That this act shall take effect from and after one year from the date of its passage.

#### MEMORANDUM FOR STATE OFFICIALS COMMISSIONED UNDER THE UNITED STATES CHILD LABOR ACT.

A number of inquiries have come to this Division with reference to the evidence on which prosecutions for violations of the United States Child Labor Law may be filed. Some state officers who discover violations of the standards of hours and ages laid down in Section 1 of the Federal Act desire that the evidence of removal and shipment be secured by this Division. This we shall be glad to do although it may not always be possible to make the necessary investigation during the 30-day period following the discovery of the violations. Reports and requests from state officers will, however, be given the promptest possible consideration. Some state officers have expressed the desire to complete the evidence on the cases they discover and it is for the assistance of these and as a matter of general information that the inclosed statement is sent you.

**MEMORANDUM FOR STATE OFFICERS SENT IN RESPONSE TO  
A NUMBER OF INQUIRIES AS TO THE PRACTICE THE  
CHILD LABOR DIVISION IS FOLLOWING IN SUSPEND-  
ING FEDERAL CERTIFICATES OR THE ACCEPT-  
ANCE FOR THE PURPOSES OF THE FEDERAL  
ACT OF STATE CERTIFICATES IN DESIG-  
NATED STATES.**

Inspectors for this Division are instructed to suspend on the following grounds:

*Suspension of Certificates.*—Inspectors of the Child Labor Division are instructed to suspend Federal certificates or the acceptance for the purposes of the Federal Act of State certificates on the following grounds:

- (1) If inspector finds upon investigation that the child's age is incorrectly recorded on the certificate.
- (2) If a manufacturer or producer does not keep a time record as provided for in Regulation 8.
- (3) If the documentary evidence required under the State law in a designated State or under Regulation 2 in a State in which Federal certificates are issued is obtainable and was not submitted and passed on by the issuing officer.

*Notice of suspension*, on the appropriate blank forms will be sent (1) to the child, (2) the employer, (3) the issuing officer; and a notice, together with full statement of facts, will also be sent the Director of the Child Labor Division. On the basis of this report the action taken will be either (1) *revocation of certificates* or (2) *veto of inspector's action* in suspending certificates.

*What is necessary to show violation of the United States Child Labor Act:*

- (1) Transportation, shipment or delivery for shipment in interstate or foreign commerce from the state of manufacture or production by a manufacturer, producer, or dealer, together with proof of
- (2) Employment of children in a mine, quarry, mill, factory, etc., contrary to the standards laid down in Section 1 of the Act, together with proof of
- (3) Removal of the products so transported, etc., within a period of 30 days subsequent to the time that the standards of the employment of children as laid down in Section 1 of the Act were found to have been violated.

If in the course of an inspection of an industry evidence of the violation of the standards of hours or ages is discovered specific evidence of (1) and (3) must then be secured. If children who are under 14 years of age are found employed in a factory, mill, workshop, etc., or under 16 years of age employed in a mine or quarry, but the employer has recognized certificates of age on file showing the children to be over 14 years of age in the case of the former or over 16 years of age in the case of the latter, the employer is protected against prosecution under



the Federal Act. In such cases certificates can be suspended and subsequent employment of the children would render the employer liable.

*Proof of Removal.*—See Regulation 11.—The inspector should witness a removal of the products *after* making his inspection of the mine or factory. A record should be made of (a) the name of the shipping clerk or other persons concerned with removal and (b) the time of removal. The goods removed and their destination should be noted so that freight bills and invoices covering the same goods can be secured. In every case the removal reported should be subsequent to the discovery of children employed in violation of the standards laid down in Section 1 of the Act, although it may be on the same day. If removal is made to a warehouse or storeroom for storage before shipment this constitutes a "removal" within the terms of the Act. It is easier to complete the evidence if a removal destined for immediate shipment is witnessed. If removal to warehouse occurs, identifying marks should be noted so that shipment of the same goods can be traced.

*Proof of shipment in interstate or foreign commerce.*—The inspector should ascertain whether the shipment is made by a dealer or by the producer or manufacturer. Shipment is established by the records of the carrier and by invoices of the producer or manufacturer. Access to these records is given the inspector by Section 3 of the Act and Regulations 9 and 10. Evidence of two or more shipments should be procured when possible.

*Copies of the freight or way bill for the goods whose removal was witnessed by the Inspector should be made.*—Forms will be furnished for this purpose on request. If a copy is made by agent on the railroad form this is acceptable. District Attorneys very frequently request the names and addresses of employees of the railroad over which shipment was made in order that subpoenas may be issued to such parties requiring them to produce original way bills or other records necessary to establish an interstate transaction. In the space provided for that information the inspector should always include the name and address of the station agent at the point of destination, and by inquiry of the agent ascertain and report the name and address of the auditor or other official to whom the original way bill or similar record is referred for filing after the consignment has been delivered to the consignee. A subpoena *duces tecum* issued upon the auditor does not necessarily require his personal attendance as a witness. The attendance of some clerk in the office with a knowledge of the records will suffice.

*Copy of Invoices covering goods whose removal was witnessed.*—For use as evidence to establish the interstate shipment, or delivery for shipment, the original or a copy of the invoice covering the consignment whose removal was witnessed by the inspector should be obtained at the mine, factory, mill, etc. Forms for copying such invoices will be supplied on request.

*Proof of age and hours employed.*—This would be the same as under the state laws. A certified copy of a birth or baptismal record should be submitted if it can be secured. Bible records and passports are also very good evidence. If none of these is obtainable a parent's affidavit should be secured. A statement as to school records or other evidence of age may also be submitted.

*Hours of work.*—If employment of children between 14 and 16 years of age for more than eight hours is alleged, statement as to

- (1) What time-record shows. (An identifying description of the time-record should, if possible, be given.)
- (2) What inspector himself observed.
- (3) If (1) or (2) cannot be furnished, the names of responsible adults who have first hand evidence of hours children were employed should be submitted with report. If employment after 7 p. m. or before 6 a. m. is alleged the same rule should be followed. If inspector, himself, witnessed the employment, exact hour and nature of employment should be stated.

*Legal name of establishment necessary.*—In order to file the necessary information the United States Attorney must have the name of the firm under which the business is conducted. State specifically whether the concern is a partnership, corporation, or joint stock company. Give place of incorporation and the full names of the principal officers. If it is a partnership give the full names of the members. If the shipment is made by a dealer these facts should also be given about the dealer.

### MICHIGAN FREE EMPLOYMENT OFFICES.

As long as men and women have to pay for the opportunity of getting employment, we must assume the position as direct competitor of the private employment agencies. No employment is created by reason of the State going into the Free Employment Agency business, nor does the State Free Employment Bureau solve any unemployment problems. The duty that confronts the superintendent of the Free Employment Bureau is to enable employer to get in touch with the right kind of help and at the same time save the person seeking employment an enormous cost in money. Often an employer wants a particular class of workmen and can get them only by advertising. Then what is the result? He gets all kinds of answers for that particular class; a confusing group, and very hard to choose from. On the other hand a man may have been tramping the streets in search of work for weeks, and when he finally gets it, learns that his employer has been looking for just such a man for months. These are the reasons that brought into existence the State Free Employment Bureau.

Although these free employment bureaus are maintained for all the people of the state, one of the greatest difficulties we have to contend with, is how to handle applicants living outside the towns in which offices are maintained. In a great many cases the employer wants to interview several applicants, and the wages, hours of work and living conditions have to be explained so there will be no misunderstanding. When an out-of-town applicant writes that he wants to go on a particular job, we can not ask him to pay his way to town on the chance that the employer may take him. If an applicant spent time and money on a fruitless effort he would naturally hold the office to blame, so we find that the

applicant on hand generally gets the job and each particular office is maintained practically for the benefit of the residents of that city. The only feasible remedy apparent is to establish a free employment office in the city where a private agency has found it profitable.

The solution of the employment problem is of the greatest importance to the individual, but in times such as we are now passing through, it is of even greater importance to the nation.

The year from December 1st, 1916, to November 30th, 1917, constituted the greatest period of activity and accomplishment in the existence of the Michigan Free Employment Bureau. The vital question that is facing us at all times and one to which we give a great deal of thought and study, is that of unemployment. The Michigan Free Employment Bureau was created for the fundamental purpose of eliminating a great and useless human waste. This waste is the energy expended in the seeking of employment by men and women who are willing to work, but through their limited opportunities are unable to learn where they may find employment for which they are best adapted. While time and energy are being wasted by the capable workers seeking employment, it is probably safe to assume that in normal times and at various localities, economic waste is accumulating in the mills and workshops of employers who have work to be performed and are unable to procure employees for its proper performance. This is likewise true of the conditions found on the farm.

During the months of May, June, July and August the activities of the ten employment bureaus were largely securing labor for farms, through the state. The superintendents in charge of the various offices were instructed to subordinate everything to this work, because of the great importance to the State and to the nation at this critical time. During the year there were 8,205 men placed on farms.

No better recommendation could be had for the Department's activities in behalf of the assistance furnished by the Department to the farmers during the busy season than is provided through the following letter from C. L. Brady, County Agricultural Agent of St. Clair county, addressed, Michigan Free Employment Bureau, 52 W. Larned St., Detroit.

The time during the months of July and August was almost entirely occupied with the farm labor problem, and this, together with other work in the field, has made it impracticable to keep the public informed through the papers regarding the progress of county agent work during the past three months. On this account, perhaps a review of the activities of the office in connection with the farm labor problem will be of interest.

An extreme effort has been put forth to keep St. Clair county farmers supplied with help this summer, but during the latter part of July and the first half of August it was impossible to keep up with the demand. The cold, wet weather in the early part of the season made the farmer reluctant to accept help, and when good weather did arrive over fifty applications for men came to the office in the space of three or four days. Continual advertising was done locally for farm hands and from three to five trips to Detroit per week were made to bring them out. A few men have been obtained from Port Huron and vicinity, but about 90 per

cent of all those secured have been obtained from the Michigan Free Employment Office at Detroit. Up to the present time a total of 107 men have been secured and located on farms in St. Clair county. The farmers, together with the number of men furnished them, are given below by townships:

## WALES.

Wesley Boss, 1  
 William Webb, 2  
 Alex. Campbell, 3  
 J. H. Freleigh, 1  
 Daniel Dolan, 1  
 Earl Lewis, 1  
 Mr. Siegner, 1

## GOVERNMENT BEAN PLAT.

Webb Farm, Goodells, 2  
 Carleton Dunsmore, 1  
 Mr. Spencer, 1  
 George Morton, 1  
 A. J. Bishop, 4  
 Lewis Kendall, 1

## MUSSEY

Fred Leebuhr, 2  
 Albert Tosch, 1  
 William Baurers, 1  
 Walter Shearsmith, 2  
 George Chapman, 2  
 Frank Kegler, 1  
 B. J. Wade, 2  
 Otto Graeber, 1  
 Fred Standel, 1  
 John Smith, 1  
 Alvin Balden, 1

## KENOCKEE.

William Hilbourn, 2  
 Mrs. C. Mason, 1  
 John Purtell, 3  
 James O'Mara, 2  
 William O'Mara, 2  
 John Monohan, 1  
 William Cogley, 1

## RILEY

Edward Butler, 1  
 Henry Dysinger & Son, 1  
 Thomas Apley, 1

Michael Abbott, 2  
 Thomas McMann, 1  
 Freeman Snyder, 1  
 Barney Burns, 1  
 John McInerney, 2

## GRANT.

Arthur Spaulding, 2  
 Ralph Babcock, 1  
 F. Merchant, 1  
 Ed. O'Connor, 1  
 Alex. Bartrem, 2  
 Chas. Werkmeister, 2  
 Lee Monroe, 1

## BERLIN.

William Boetcher, 1  
 Nelson VanBuskirk, 1  
 Clark Reynolds, 2  
 Howard Smith, 2  
 Sherman Sharrard, 1

## COLUMBUS.

F. B. Tinsman, 2  
 Richard Dolan, 2  
 William Ivens, 1  
 Arthur Zimmer, 1

## PORT HURON.

Chas. Babcock, 2  
 Philip Stein, 1  
 Miss Bell, 2

## EMMETT.

Chas. Jurn, 1  
 Joseph O'Connor, 1  
 Daniel Foley, 2

## CLYDE.

M. O. Hitchings, 2  
 George Brakeman, 1  
 Julius Baker, 1

## KIMBALL.

A. E. Stevenson, 2  
Solomon Hart, 2

## LYNN.

Irvin Grabiell, 2  
William Meikle, 1

## FORT GRATIOT.

Karl Wohlberg, 3

## CASCO.

Henry Muggleberg, 2

## ST. CLAIR.

F. E. Douglas, 1

## CHINA.

John Robinson, 1

In all cases where more than two men were furnished on one farm, it was because the first ones either did not prove satisfactory, or did not stay, thus making it necessary to bring others to take their place. A summary of the above lists shows that sixteen of the twenty-three townships in St. Clair county were reached with this project, and that they rank in respect to the number of men obtained in the following order: Wales 20, Mussey 15, Kenockee 12, Riley 10, Grant 10, Berlin 6, Columbus 6, Port Huron 5, Emmett 4, Clyde 4, Kimball 4, Lynn 3, Fort Gratiot 3, Casco 3, St. Clair 1, and China 1.

A review of the records shows that applications were made for a total of 125 men, and that the 106 obtained constituted 86 per cent of the number asked for. In selecting the 106, fully that many more who presented themselves were discarded as unfit. It was made a practice not to hire a man unless he appeared to be reasonably clean and had had some experience. In handling so many, however, some mistakes were bound to occur especially in regard to the latter requirement, and these were responsible for the most part for the inefficient men mentioned above.

The requests were recorded as they came to the office, and as nearly as possible were filled in the same order. It was not always practicable to do this, however, as frequently it was necessary, in order to hold a number of men who were acquainted, to locate them conveniently near each other; at other times farmers would be waiting at the office when the County Agent arrived with the hands and hire them in spite of his efforts to observe the priority of applications; it should be remembered, too, that in this total of 106 men were included all ages, types, classes, and kinds of dispositions, and the success of the venture many times depended largely upon getting a certain man in the right place, for farmers, themselves, vary as well as the farm hands, and occasionally there was a noticeable example of a man proving to be very satisfactory on one farm, but when transferred to another, did not suit at all. With this project, as with all others, though, it was designed to serve all parts of the county alike, and give both the farmer and the hired man a square deal. Comparatively few attempts were made on the part of the farmers to take an unfair advantage of the men brought here, and this contributed much to the success of the work. Many of the men, when they were through with a job, returned to Detroit and applied for another, and the reputation established at the Employment Office by any certain county depended largely upon the character of the report the men made

when they went back, and every effort was made by this office to make good the promises to the men regarding wages, kind of place, etc. The excellent co-operation given by most of the farmers has occasioned the minimum amount of trouble and dissatisfaction, and many of the men who expected to stay but a few days are still working in the county after a period of nearly three months, and others whom I have met during late trips to the Employment Office have been glad to come to St. Clair County the second time. During the haying and harvest season, when so many men were demanded, the plan was to arrive at Port Huron one day and distribute the men across the county, leaving the car at Imlay City or Almont in order to return to Detroit at night; the next day the hands obtained would be taken out on the Imlay City line and brought into the county from the west. This method made it most convenient to get help into all portions and placed every section on the same basis as far as opportunity to obtain men was concerned.

Upon studying the records from the standpoint of efficiency of the men furnished, it is found 80 of the total of 106 have proven to be good hands, while the remaining 26 ranked from poor to useless. This, after all, is really the true measure of the success of the whole work, and shows that approximately 75 per cent of all the men placed were found at least fairly satisfactory.

Yours respectfully,

C. L. BRADY,  
County Agricultural Agent.

### RECOMMENDATIONS.

Gypsum mines, as well as all other underground operations in Michigan, including the iron mines, the copper mines and fire clay and shale operations, as well as the coal mines, should be subject to investigation and inspection under the direction of the Commissioner of Labor. It should further be enacted that where conditions are found to be dangerous and unsafe and where the ventilation is such as to lead to constant discomforts and to sickness of underground workers, there should be given authority to properly force a remedy.

Accidents causing the loss of two or more days to the injured should be sent to the Labor Department and immediate notice of the death of an employee resulting from an accident that an investigation might be made and steps taken to prevent a recurrence of similar accidents.

Although the Free Employment Bureaus are maintained for all the people of the State, one of the greatest difficulties we have to contend with is, how to handle the applicants living outside of the towns in which offices are maintained. The only feasible remedy apparent is to establish a state free employment office in each city where a private agency has found it profitable.

Very respectfully,

RICHARD H. FLETCHER,  
Commissioner of Labor.

Office of Deputy State Labor Commissioner,  
49 Buhl Block,  
Detroit, Michigan.

*Hon. Richard H. Fletcher, Commissioner of Labor, Lansing, Michigan:*

Dear Sir:—The following is a general report of the work done by this Department in Wayne County, from July 1st, 1917, to Dec. 31st, 1917, together with certain recommendations which I deem necessary.

Upon my assuming office, I found the factory inspection for the current year under way, which we completed within the prescribed time, in addition to several hundred new inspections. For a detailed report on inspections, I respectfully refer you to the daily statistical report, now on file at the Lansing office.

Owing to the change in the industrial situation, many questions have arisen which heretofore have not come to the attention of the inspector. The manufacture of war munitions and the increase in production in other industrial lines, has necessitated the employment of a large number of women and has shown us the need of more stringent legislation: for example, we have found that women have been forced or permitted to work on machines, side by side with white and colored men. The present law does not make provision for moral protection of females over twenty-one years of age and it is my recommendation that segregation of women employees be made a law. We even found in foundries that women were required to handle moulds weighing forty pounds or thereabouts, and it seems to me that this department should be given discretionary powers covering conditions such as these. Allowing women to work on dangerous machinery, or at hazardous employment may be necessary in time, should the war continue, but I do not believe at the present time, the need is so great. We should expend our energies at this time, to conserve the health and strength of our women, the Mothers of our Nation and, only as a last resource, sacrifice them on the altar of industry. I do not wish to appear radical in this matter, and I know there are a number of occupations that women can be engaged in, without danger to their health, however, I sincerely urge that laws be passed giving the factory inspector greater power to regulate the conditions, under which they may be employed, thus preventing the unscrupulous employer, under the guise of patriotism, from profiteering at the expense of the health and morals of our women workers.

The Fifty-Four Hour Law, though very beneficial, does not cover all the industries that women are engaged in. I would recommend that hotels and theatres be included in this law and also that the phraseology of this act be changed, so that all new occupations, that might be created for women, could be brought under this law. We are doing our utmost to enforce the same, and are obtaining gratifying results.

The Federal Child Labor Law, which went into effect on Sept. 1st, 1917, has aided materially in the efficient working of this department, in that, an employer engaged in Inter-State Commerce shipping, who employs a child under age, not only violated the State law, but the Federal law as well, and as a consequence, such employer insists that children seeking employment, secure the proper age certificates.

I would further recommend that absolute abolition of the so-called private employment bureaus, where a fee is charged, for the reason that there is no result obtained by them, that cannot be obtained by the federal and state bureaus, without cost to the applicant. There is one thing that I believe should not be the subject of commercial traffic, or trading,

viz., a job. In any event the law should be amended to the effect that no private employment bureau be permitted to charge a fee of more than one dollar for the procuring of a position.

With reference to the free employment bureaus, operated by this department, will say that the results obtained, have been very gratifying, but not all that is desired, because of the inadequacy of our appropriation, for the operation of the same and would respectfully suggest that a greater appropriation be asked for, so that this work might be carried on with greater efficiency.

Lastly, I would recommend that Traction Companies, operating suburban and interurban electric lines, be required to heat the vestibules, where the motorman is employed, to the same temperature as the balance of the car, as experience has taught me, in unheated vestibules, he is working under a handicap in severe weather and cannot fully safeguard the lives of the public, neither is it beneficial to his own health to work under these conditions.

In conclusion, I desire to express my appreciation for the hearty co-operation of the major portion of the manufacturers, that I have come in contact with, during my tenure of office, and I also take this opportunity of commending the inspectors who work under me for the very efficient and painstaking manner, in which they have performed the work assigned them, and to you, Mr. Fletcher, permit me to extend the sincere thanks of the members of this Department, for the courteous, considerate and kind treatment you have accorded us, and I congratulate you upon the innovations you have introduced, as well as the humane and successful manner in which you have handled the many intricate problems that have arisen in the Department during your regime.

Very respectfully yours,

FRED W. CASTATOR,  
Deputy Commissioner of Labor.



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**LABOR LAWS.**

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# LABOR LAWS.

Compilation of 1917.

## ORGANIZATION, POWERS AND DUTIES OF THE DEPARTMENT OF LABOR.

AN ACT to provide for the creation of a department of labor; to prescribe its powers and duties; to regulate the employment of labor; to make an appropriation for the maintenance of such department, and to prescribe penalties for the violation of this act.

[Act 285, P. A. 1909.]

### APPOINTMENT OF COMMISSIONER OF LABOR, DEPUTY COMMISSIONER AND DEPUTY FACTORY INSPECTORS.

*The People of the State of Michigan enact:*

SECTION 1. The governor is hereby authorized and empowered to appoint within thirty days after the passage of this act, and every second year thereafter, by and with the advice and consent of the senate, and also within thirty days after the occurrence of any vacancy in the office, a suitable person, who shall be a citizen of this state, as commissioner of labor, who shall hold his office until his successor be appointed and qualified. The title of such officer shall be "commissioner of labor," and the term of office of such commissioner shall be for a period of two years after such appointment. Such commissioner shall keep an office in the city of Lansing, and shall appoint a deputy, whose term of office shall continue during the pleasure of such commissioner. The commissioner may appoint such deputy factory inspectors and assistants from time to time as shall be necessary for the transaction of the business of his office.

**BUREAU OF LABOR:** Organized by Act 156 of 1883 (C. L. 1897, §§ 4597-4604). Report of Bureau of Factory Inspection to be included in annual report of Commissioner of Labor.—Act 44 or 1899, § 12; Act 9 of 1903. Scope of functions extended.—Act 313 of 1907.

**DEPARTMENT OF LABOR:** Created by Act 285 of 1909, and amendatory acts of 1911 and 1913 incorporated with the original act in this compilation. Various additional powers, functions and duties, from time to time conferred and imposed upon the department, are also included in this compilation.

### DUTIES OF DEPARTMENT—SPECIAL AGENTS—INSPECTIONS, ETC.

SECTION 2. The duties of such department shall be to collect in the manner herein provided, assort, systematize, print and present to the

governor, on or before the first day of April, nineteen hundred ten, and annually thereafter, statistical details relating to all departments of labor in this state, including the penal institutions thereof, particularly concerning the hours of labor, the number of employes and sex thereof, the daily wages earned, and savings, the number and character of accidents, the condition of all manufacturing establishments, hotels, stores and workshops where labor is employed, with such other matter relating to the industrial, social, educational, moral and sanitary conditions of the laboring classes and the productive industries of the state, including the names of firms, companies or corporations, where located, the kind of goods produced or manufactured, the time operated each year, the number of employes, male or female, the number engaged in clerical work and the number engaged in manual labor, with a classification of the number of each sex engaged in each occupation and the average daily wages paid each. The commissioner of labor is authorized to appoint special agents to represent the department, with authority to visit firms and establishments, and to collect such statistics and perform such other duties as may be required, with like power as is conferred on said commissioner. The commissioner of labor and all appointees connected with the department, when so directed by said commissioner, shall have full authority to visit and inspect all manufacturing establishments, workshops, hotels, stores and all places where labor is employed, at any reasonable hour, and shall have authority to gather such statistics as may be deemed necessary by the commissioner: Provided, That the commissioner of labor or any one connected with his office, shall not publish, make public, nor give to any individual or to the public the individual statistics obtained from any manufacturing establishment, but all such statistics may be published in connection with other similar statistics and given to the public in aggregate and averages: Provided further, That nothing in this section shall be construed to prohibit other state departments from taking transcripts of such individual statistics for statistical and classification purposes only.

Am. 1913, Act 39.

#### EXAMINATION OF WITNESSES—FAILURE TO OBEY SUBPOENA—PENALTY.

SECTION 3. Such department or any member thereof shall have full power to examine witnesses on oath, compel the attendance of witnesses, the giving of testimony and the production of papers while acting in any part of this state, and witnesses may be summoned by such department or any member thereof, by its process in the same manner, and paid the same fees as are allowed to witnesses attending in the circuit court of any county. Any person duly subpoenaed under the provisions of this section, who shall wilfully neglect to attend or testify at the place named in the subpoena served for such purpose, shall be guilty of a misdemeanor, and on conviction before any court of competent jurisdiction may be punished by a fine not exceeding fifty dollars or imprisonment in the county jail not exceeding thirty days, or both such fine and imprisonment in the discretion of the court: Provided, That no witness

shall be compelled to go outside of the county in which he or she resides to testify.

#### SALARIES, APPROPRIATION AND SUPPLIES.

SECTION 4. The compensation of such commissioner shall be thirty-five hundred dollars per annum, and that of his deputy, two thousand dollars per annum, together with all necessary expenses, and the compensation of factory inspectors shall not exceed thirteen hundred dollars per annum, and the assistants or special canvassers or clerks in any office of the department shall receive such compensation as shall be fixed by such commissioner. All such compensation and also the expense provided for in section one of this act, shall be audited and paid in the same manner as the salaries and expenses of other State officers. Provided, That the amount thereof, exclusive of the compensation allowed to said commissioner and his deputy, shall not in any one year exceed the sum of sixty-five thousand dollars, which sum shall defray the salaries and expenses of the entire department, including factory inspection, the gathering of all statistics, the expense of the several free employment bureaus of this State, the inspection of public buildings, school buildings, opera houses and theatres, and every department of investigation coming within the jurisdiction of such department, for which provision is not otherwise made by law: Provided further, That in addition to the above allowance for expenses, said commissioner shall be authorized to have printed not to exceed five thousand copies of his annual report for the use of the department and for general distribution, and all printing, binding, blanks or map work, and all supplies shall be done or furnished under any contract which the State now has or shall have for similar work with any party or parties, and the expense thereof shall be audited and paid in the same manner as other State printing.

Am. 1915, Act 218; Am. 1917, Act 98.

#### COLLECTING INFORMATION OF OFFICIALS—SPECIAL CANVASSERS.

SECTION 5. Said department may collect the information called for in section two of this act, or such information as shall be considered essential to perfect the work of the department, from the several state, county, city, village and township officers, and from the officers of prisons, penal and reformatory institutions, or by means of special canvassers under the direction of the commissioner, and it shall be the duty of all such officers to furnish upon the written or printed request of the commissioner such information as shall be considered necessary for the department upon blanks furnished by said department.

#### DUTIES OF SUPERVISORS AND ASSESSORS.

SECTION 6. It shall be the duty of the several supervisors of the townships, and the supervisor and assessor of the wards of cities in this State, at the time of assessing the property thereof, to obtain the facts and information determined upon by said department, as provided in section five of this act, in accordance with the terms, conditions and requirements of said blanks, and to return said blanks properly filled and

duly certified to by such officer without delay to the commissioner of labor at Lansing.

**ACCESSION TO FACTORIES—MISDEMEANOR—PENALTY.**

**SECTION 7.** The commissioner, his deputy and deputy factory inspectors are authorized to enter any factory, workshop, hotel, store or other place where labor is employed when open or in operation, for the purpose of gathering facts and statistics relating to hours of labor, wages, industrial, economic and sanitary conditions or matters; and if any employer or his or her agent or agents shall refuse to allow the officers of said department to so enter; or shall refuse to give such information when requested by said commissioner or deputy factory inspector, then such employer or his or her agent or agents shall be deemed guilty of a misdemeanor, and upon conviction thereof before any court of competent jurisdiction shall be punished by a fine not to exceed one hundred dollars or by imprisonment for not more than ninety days or both such fine and imprisonment in the discretion of the court.

Am. 1913, Act 161.

**PENALTY FOR FALSELY TESTIFYING—REFUSAL A MISDEMEANOR.**

**SECTION 8.** Any person who shall wilfully and intentionally testify falsely before said commissioner or any authorized deputy shall be deemed guilty of a felony, and on conviction thereof shall be punished by imprisonment in the state prison for a period not exceeding five years, and any person who shall refuse to testify before said commissioner or before any deputy thereof shall on conviction thereof be deemed guilty of a misdemeanor, and shall be punished by a fine not exceeding one hundred dollars or imprisonment not exceeding sixty days or both in the discretion of the court: Provided, That no person or corporation shall be required to answer any question that shall be an improper subject of inquiry or foreign to the object of this act.

**EMPLOYMENT OF FEMALES AND MINORS—HOURS OF LABOR—CANNING ESTABLISHMENTS.**

**SECTION 9.** No male under the age of eighteen years, and no female shall be employed in any factory, mill, warehouse, workshop, clothing, dressmaking or millinery establishment, or any place where the manufacture of any kinds of goods is carried on, or where any goods are prepared for manufacturing, or in any laundry, store, shop, or any other mercantile establishment, or in any office or restaurant, for a period longer than an average of nine hours a day or fifty-four hours in any week nor more than ten hours in any one day; and all such establishments shall keep posted a copy of this section printed in large type, in a conspicuous place; in establishments having a time clock such copy shall be posted near the time clock. Copies of this section suitable for posting shall be furnished upon the application of any employer by the Commissioner of Labor: Provided, however, That the provision of this section in relation to the hours of employment shall not apply to nor affect any person engaged in preserving perishable goods in fruit and vegetable canning establish-

ments. No female under the age of eighteen years shall be employed in any manufacturing establishment between the hours of six o'clock p. m. and six o'clock a. m. No child under the age of sixteen years shall be employed in any manufacturing establishment or workshop, mine or messenger service in this State between the hours of six o'clock p. m. and six o'clock a. m. No child under the age of eighteen years shall be employed between the hours of ten o'clock p. m. and five o'clock a. m. in the transmission, distribution or delivery of messages or merchandise.

Am. 1911, Act 220.

This and the next two sections are deemed to supersede C. L. 1897, §§ 5365-5372. The provision limiting the employment of females to 54 hours per week is a valid exercise of the police power, not violating the fourteenth amendment of the federal constitution by restricting the right to contract; neither is it class legislation in that it excepts women employed in factories where perishable products are preserved.—*Withey v. Bloem*, 163/419.

Am. 1915, Act 255.

#### EMPLOYMENT OF CHILDREN—PERMITS ISSUED BY SUPERINTENDENT OF SCHOOLS.

SECTION 10. No child under the age of twenty-one years shall be employed, permitted or suffered to work in any theater, concert hall, or place of amusement where intoxicating liquors are sold. No child under fifteen years of age shall be employed, permitted or suffered to work in or in connection with any mercantile institution, store, office, hotel, laundry, manufacturing establishment, mine, bowling alley, billiard or pool room conducted for profit, theater, passenger or freight elevator, factory or workshop, telegraph or messenger service within this State: Provided, This section shall not apply to any child of the age of fourteen years or over, working on Saturdays or other days during the school year, outside of school hours or during the established vacation periods in preserving perishable goods, in fruit or vegetable canning establishments or in any mercantile institutions, store, office, hotel, laundry, manufacturing establishment, factory or workshop, telegraph or messenger service within this State. It shall be the duty of every mercantile institution, store, hotel, office, laundry, manufacturing establishment, mine, bowling alley, workshop, telegraph or messenger service or any person coming within the provisions of this act to keep a register in which will be recorded the name, birthplace, age and place of residence of every person employed under the age of sixteen years, and it shall be unlawful for any such establishment or person to hire or employ, or permit to be hired or employed or suffered to work, any child under the age of sixteen years without there is first provided and placed on file in the business office thereof a permit issued by the superintendent of schools of the school district in which such child resides, or the county commissioner of schools, or some one duly authorized by him in writing, any of whom shall have power to administer oaths in relation thereto. Such permit shall be returned immediately to the issuing officer by the employer when such child leaves such employment. A child shall be considered as having withdrawn from his employment when he or she shall have absented himself or herself from work for five full working days without explanation. Every limited vacation permit, hereinafter to be described, shall, upon its expiration, be void and of no effect. The said register and permit shall be produced for inspection on demand of any factory inspector appointed under this act. No fee shall be charged for such permit or other

record required by this act by any officer by whom it shall be issued. Every employer complying with the provisions of this section shall be at liberty to employ the person so presenting the permit hereinbefore referred to, and is justified in considering and treating such person as of the age shown in such permit and shall not be liable, if it transpire that such person is under the age represented in such permit, to any greater extent than such employer would be liable if such person were of the age represented. The person authorized and required to issue such permit shall not issue the same until he has received, examined, approved and filed the following papers duly executed:

(a) The school report of said child properly filled out and signed as hereinafter provided: Provided, however, That when such permit is issued during the summer vacation or for working on Saturdays or other days during the school year, outside of school hours no such record shall be required, but all such permits, called in this act limited vacation permits, shall expire upon the first Monday in September, commonly called Labor Day, shall contain a conspicuous statement of the time at which they shall expire and shall be of a special color distinct from regular permits;

(b) A passport, or duly attested transcript of the record of birth, as kept by any duly authorized public authority, or a record of baptism or other religious record, showing the date and place of birth of such child;

(c) A statement from a physician connected officially with the board or department of health, which shall be required, however, only in case the above mentioned official or religious record cannot be produced, which statement shall certify that, in the opinion of the physician issuing said statement, the child is fifteen years of age or upwards, is in sound health and physically able to perform the work which it intends to do. Such statement shall also certify to the correct weight and height of said child, and shall be kept on file by the person issuing working permits; such person may, in his discretion, require also an affidavit from the parents or other evidence as additional proof of age;

(d) A statement by the issuing officer that he has examined said child, that in his opinion the child can read intelligently and write legibly simple sentences in the English language, that in his opinion the child is fifteen years of age or upwards, fourteen years in the case of a vacation permit or a permit to work on Saturdays or other days during the school year, outside of school hours and has reached the normal development of a child of its age and is in sound health and physically able to perform the work which it intends to do, and that, in his opinion the services of the child are essential to the support of itself or its parents: Provided, That permits for vacation periods and Saturdays or other days during the school year, outside of school hours shall not certify that the wages of the child are essential to the support of the family. In doubtful cases, physical fitness for such work shall be determined by a medical officer of the board or department of health. Every such permit shall be signed in the presence of the officer issuing the same by the child in whose name it is issued; and shall state the date and place of birth of the child, and describe the color of the hair and eyes, the height and weight and any distinguishing facial marks of such child, and that the paper required by the preceding sections has been duly examined, approved and filed,



and that the child named in such permit has appeared before the officer signing the same and been examined. The school record required by this article shall be signed by the principal or chief executive officer of the school which such child has attended and shall be furnished on demand to a child entitled thereto. It shall contain a statement certifying that the child has regularly attended the public school, or schools equivalent thereto, or parochial schools for not less than one hundred days during the school year previous to his arriving at the age of fifteen years or during the year previous to applying for such school record, and is able to read intelligently and write legibly simple sentences in the English language, and in the case of the public schools, has passed satisfactorily the work of the school up to and including the work of the sixth grade, as provided in the course of study of the public schools, or in the case of schools other than public, the equivalent thereto. Such school record shall also give the age and residence of the child as shown on the records of the school and the name of its parents or guardians or custodian: Provided, That in the case of limited vacation permits or permits to work on Saturdays or other days during the school year, outside of school hours the school record and all other requirements relating to educational qualifications shall be waived, but all other requirements shall be complied with as prescribed in this section. Every month after the issuance of a permit the child shall report to the person who issued same, either in person or in writing, through its parent, or guardian, stating that the child is employed, giving the name of employer and the location of the place of employment, and if not employed said child shall be compelled to attend school: Provided, That nothing in this act shall be used to invalidate the right of any minor over the age of fourteen years to use a working permit issued before the passage of this act;

(e) Any person who shall make a false statement, transcript, passport, school certificate, certificate of physical fitness, school record or any other writing required to be made or filed by the provisions of this section shall be deemed guilty of a misdemeanor, and shall be punished by a fine of not less than ten nor more than one hundred dollars or imprisonment for not less than ten days nor more than ninety days, or by both such fine and imprisonment in the discretion of the court;

(f) Whenever continuation classes shall be established for minors under sixteen years of age working as now permitted by law, or out of school by permission to help at home, every such child residing in any city in which such classes are established shall attend such classes not less than four hours per week and every employer shall allow all minor employes under eighteen years of age who have not completed the eighth grade, a reduction in hours of work of not less than the number of hours the minor is by this section to attend schools.

Am. 1917, Act 280.

Act 113 of 1901, prohibiting the employment of anyone under 16 years of age at work dangerous to life or limb, was not intended to prevent the hiring of such a minor as a common laborer.—*Antosik v. Mich. Alkali Co.*, 166 / 415.

**LIABILITY OF EMPLOYER:** The employment of a child under 16 years of age to operate a machine dangerous to life or limb (Act 113 of 1901, § 3) constituted actionable negligence.—*Sterling v. Union Carbide Co.*, 142/284; *Begold v. Auto Body Co.*, 149/14. Whether the employment of such a person to run an electric freight elevator was within that prohibition was a question for the jury.—*Braasch v. Mich. Stove Co.*, 147 / 676. The employer of a child under 16, without the sworn statement of the parent or guardian (Act 113 of 1901; Am. Act 171 of 1905) was not relieved of liability by the statement of the child that he was over 16.—*Synezewski v. Schmidt*, 153 / 488; *Braasch v. Mich. Stove Co.*, 153 / 652. Nor by a similar statement of the child's elder brother.—*Beghold v. Auto Body Co.*, 149 / 14. Though this act

does not expressly give a right of action to persons injured by its violation, yet a child, injured while unlawfully employed, may maintain an action for damages, unless precluded by some act of his own.—*Synezewski v. Schmidt*, 153/438. Where the employment of a child in violation of the statute is relied upon as negligence, the declaration must aver facts from which a prohibited employment appears.—*Van Wyck v. Dickinson*, 148/418.

**NEGLIGENCE OF INFANT:** An infant of 14 years held not guilty of negligence *per se*.—*Lund v. Sargent Mfg. Co.*, 158/3. Contributory negligence of a child employed in a factory in violation of the provisions of this section held to bar recovery.—*Woods v. Kalamazoo Paper Box Co.*, 167/514; *Beghold v. Auto Body Co.*, 149/14.

**ASSUMPTION OF RISK:** A servant does not assume the risk due to an omission by the master of a statutory duty imposed for the protection of the servant.—*Murphy v. Grand Rapids Veneer Works*, 142/677; *Swick v. Aetna Portland Cement Co.*, 147/454; *Trombley v. McAfee*, 152/494; *Little v. Bousfield & Co.*, 154/369; *Van Doorn v. Heap*, 160/199; *Johnson v. Union Carbide Co.*, 169/651. The doctrine of assumed risk, being predicated on contractual relations, is not binding upon a child employed in violation of the statute.—*Dalm v. Bryant Paper Co.*, 157/550. Nor can the risk of injury by the negligence of fellow-servants be assumed by a child under 14 unlawfully employed.—*Synezewski v. Schmidt*, 153/438; *Dalm v. Bryant Paper Co.*, 157/550. Relation of the defenses of assumed risk and contributory negligence.—*Swick v. Aetna Portland Cement Co.*, 147/454. The contributory negligence of plaintiff may be a defense to an action against an employer for personal injuries, notwithstanding a violation on his part of a statutory duty which deprives him of the defense of assumption of risk.—*Trombley v. McAfee*, 152/494; *Gehl v. Pittsburg Coal Co.*, 163/285. Am. 1915, Act 255.

### CERTAIN WORK NOT ALLOWED FOR FEMALES AND MINORS—AGE CERTIFICATES —THEATRICAL CHILDREN.

**SECTION 11.** No female under the age of twenty-one years and no male under the age of eighteen years shall be allowed to clean machinery while in motion, nor employed in or about any distillery, brewery, or any other establishment where malt or alcoholic liquors are manufactured, packed, wrapped or bottled, nor in any hazardous employment, or where their health may be injured or morals depraved, nor shall females be unnecessarily required in any employment to remain standing constantly. No child under the age of sixteen years shall be employed in or about any theater, variety show, moving picture show, burlesque show, or other kind of playhouse, music or dance hall, poolroom or billiard room: Provided, however, That any male person over sixteen and under eighteen years of age, may be employed in any occupation, other than the cleaning of machinery while in motion and occupations in or about any distillery, brewery or other establishment where malt or alcoholic liquors are manufactured, packed, wrapped or bottled, subject to the following conditions:

Such employment shall be for a total of not more than fifty-four hours in any week, nor more than ten hours in any one day.

The occupation in which such person is employed shall be approved by the Department of Labor as not being injurious to health or morals, or unduly hazardous: Provided, That in all cities in which the Department of Labor maintains a permanent office, the official in charge thereof shall be authorized and required, under the direction of the Commissioner of Labor, and in other cities or municipalities the superintendent of schools shall likewise be authorized and required to issue, upon demand, certificates of age to young persons past the age of sixteen years, in accord with the following conditions, to-wit: The official authorized to issue such certificates shall not issue the same until he has received, examined, approved and filed the following papers, duly executed:

(a) A passport, or duly attested transcript of the record of birth, as kept by any recognized public authority, or a record of baptism or other religious record, showing the date and place of birth of such young person;

(b) A statement from a physician connected officially with the board or department of health, which shall be required, however, only in case

the above mentioned official or religious record cannot be produced, which statement shall certify that, in the opinion of the physician issuing said statement, the young person is of the age stated therein. Such statement shall also certify to the correct weight and height of said young person, and shall be kept on file by the official issuing certificates of age; such official may, in his discretion, require also an affidavit from the parent of the young person concerned, or other evidence, as additional proof of age;

(c) A statement by the issuing officer that he has examined said young person, and that in his opinion the young person is of the age stated in said certificate of age. Every such certificate shall be signed in the presence of the officer issuing the same, by the young person in whose name it is issued, and shall state the date and place of birth of said person, and describe the color of the hair and eyes, the height and weight, and any distinguishing facial marks of such person, and that the papers required by the preceding section have been duly received, examined, approved and filed, and that the young person named in such certificate has appeared before the officer and been examined. Every employer complying with the provisions of this section shall be at liberty to employ the person so presenting the certificate hereinbefore referred to, and is justified in considering and treating such person as of the age shown in such certificate and shall not be liable, if it transpire that such person is under the age represented in such certificate, to any greater extent than such employer would be liable if such person were of the age represented;

(d) This act shall not be construed so as to prevent children under sixteen years of age from being employed by traveling theatrical companies whose employment consists of acting a part in the productions of such company.

Am. Id.  
Tablinski v. A. Harvey's Sons Mfg. Co., 168 / 392.  
Am. 1915, Act 255.

#### GUARDING OF HOISTING SHAFTS, WELL HOLES, ELEVATOR OPENINGS, ETC.

SECTION 12. It shall be the duty of the owner, agent or lessee of any manufacturing establishment where hoisting shafts or well-holes are used, to cause the same to be properly enclosed and secured. It shall be the duty of the owner, agent or lessee to provide or cause to be provided at all elevator openings in any manufacturing establishment, workshop, hotel or store, proper trap or automatic doors or automatic gates so constructed as to open and close by the action of elevators either ascending or descending. The deputy factory inspector shall inspect the cables, gearing or other apparatus of elevators in manufacturing establishments, workshops, hotels and stores at least once in each year, and more frequently if necessary, and require that the same be kept in a safe condition, and shall have power to condemn any elevator if in his opinion the same be unsafe, and stop the operation of such elevator until the same be put in a safe condition.

Provisions of Act 113, of 1901, § 5, requiring hoisting shafts and well-holes to be properly enclosed and secured imposes a duty to protect employes and not merely a duty to prevent people from accidentally falling down an elevator shaft from the outside.—Murphy v. Grand Rapids Veneer Works, 142 / 677. No power is given to a factory inspector to order the construction of an elevator.—Barfoot v. White Star Line, 170 / 849, 859. Construction of elevators in buildings discussed.—Id. 360. Liability of owner or lessor of a building, part of

which is used for manufacturing purposes by the tenant for failure to install automatic gates.—*Barfoot v. White Star Line*, 170 / 349. Design of such gates.—*Id.* Provision of the act of 1901, requiring automatic gates, held not applicable in a certain case.—*Delbusso v. American Cement Plaster Co.*, 165 / 318.

#### FACTORY INSPECTORS' POWER TO CONDEMN—FIRE ESCAPES—DOORS TO OPEN OUTWARD.

SECTION 13. Factory inspectors shall have power to condemn all school houses if in their opinion they are unsafe and liable to collapse and cause the lives of children to be endangered; also factory inspectors shall have power to order fire escapes on all manufacturing establishments, hotels, stores, theatres, schools, halls, public and office buildings two or more stories in height, and apartment houses three or more stories in height, if in the opinion of the factory inspector it be necessary to insure the safety of persons in such places; said fire escape or means of egress, or as many thereof as may be deemed sufficient by the inspector, shall be provided, and where it is necessary to provide fire escapes on the outside of such building they shall consist of landings and balconies at each floor above the first, to be built according to specifications provided by the factory inspector. All doors in school houses and the doors of the capitol building and all state institutions shall open outward. Factory inspectors shall in writing notify the owner, agent or lessee of such manufacturing establishments, hotels, stores, theatres, schools, halls, apartment houses and public and office buildings of the required location and specifications of such escapes as may be ordered and as to all failures to comply with the provisions of this act. Any person, firm or corporation, or any member of any school board, who shall violate or cause to be violated any of the provisions of this section, or shall fail to refuse to erect or cause to be erected any fire escape ordered by any factory inspector, under authority of this section, shall be deemed guilty of a misdemeanor, and upon conviction shall be fined not less than one hundred dollars nor more than one thousand dollars, or imprisoned for not less than three months nor more than one year, or by both such fine and imprisonment in the discretion of the court.

Am. 1911, Act 251.

#### HAND RAILS, ETC.—SCREENS WHERE FEMALES ARE EMPLOYED.

SECTION 14. Stairways with substantial hand rails shall be provided in manufacturing establishments, and where in the opinion of the factory inspector it be necessary, the steps of such stairs in all such establishments shall be substantially covered with rubber securely fastened thereon, for the better safety of persons employed in said establishments. The stairs shall be properly screened at sides and bottom where females are employed, and the outside doors of such establishment shall swing outwardly, and no doors shall be locked, bolted or fastened during working hours.

Am. 1913, Act 160.

A ladder is not a stairway; the two distinguished.—*Davis v. Buss Machine Works*, 169 / 498. At common law a night watchman would assume the risk of using a ladder or stairway with no concealed defects, etc., constructed without a hand rail; but plaintiff did not assume the risk of his employer's failure to comply with this statute.—*Id.*

## SAFEGUARDS ON BELTS, GEARING AND DANGEROUS MACHINERY.

SECTION 15. It shall be the duty of the owner of any factory, storehouse or warehouse, or his agent, superintendent or other person in charge of the same, to furnish or supply or cause to be furnished or supplied, in the discretion of the factory inspector, where machinery is in use, proper shifters or other mechanical contrivances for the purpose of throwing belts on or off pulleys. All gearing or belting shall be provided with proper safeguards, and whenever possible machinery shall be provided with loose pulleys. All vats, saws, pans, planers, cogs, set-screws, gearing and machinery of every description shall be properly guarded when deemed necessary by the factory inspector.

Duty of employer under C. L. 1897, § 5349, to safeguard gearing and belting, irrespective of any order by the factory inspector.—*Swick v. Aetna Portland Cement Co.*, 147/454. The legislature did not intend by this act to constitute the factory inspector sole judge as to what employment is dangerous to the life and limb of a male under 18 years of age.—*Tavinski v. A. Harvey's Sons Mfg. Co.*, 168/392. Gearing defined and held dangerous.—*Id.* Introduction of testimony to prove that no guard was used held fatal variance from a declaration alleging the use of a defective guard.—*Scherer v. Otis Elevator Co.*, 167/1.

## EXHAUST FANS.

SECTION 16. Exhaust fans shall be provided for the purpose of carrying off dust from emery wheels and grindstones and dust-creating machinery, wherever deemed necessary by the factory inspector.

Act 136 of 1887 (C. L. 1897, § § 5547-5549) requiring blowers in establishments where emery wheels or belts are used was held constitutional.—*People v. Smith*, 108/527.

## WASH AND DRESSING ROOMS—CLOSETS—RAILWAY CARS FOR SLEEPING OR LIVING PURPOSES.

SECTION 17. Every manufacturing establishment, workshop, hotel or store in which five or more persons are employed, and every institution in which two or more children, young persons or women are employed, shall be supplied with proper wash and dressing rooms, and kept in a cleanly state and free from effluvia arising from any drain, privy or other nuisance, and shall be provided, within reasonable access, with a sufficient number of proper water closets, earth closets or privies for the reasonable use of persons employed therein, at least one of such closets for each twenty-five persons employed; and whenever two or more persons and one or more female persons are employed as aforesaid, a sufficient number of separate and distinct water closets, earth closets or privies shall be provided for the use of each sex, and plainly so designated, and no person shall be allowed to use any such closet or privy assigned to persons of the other sex. In all hotels where sleeping rooms are provided for female help, such rooms shall have proper heat and ventilation. Where railway cars are used for sleeping or living purposes or where other premises for sleeping or living accommodations are furnished by any employer or his agent, for men or women engaged in construction of railroad or other work, such cars or other premises shall be maintained in a cleanly and sanitary condition and kept sufficiently heated and well lighted and ventilated and a separate place and facilities shall also be provided for the purpose of drying clothes. Any firm, person or corporation or any agent or foreman thereof, or any contractor or other person who has control over such conditions may be prosecuted at the instance of

the factory inspector or other proper authority when there occurs a violation of this section with respect to the conditions specified therein, over which such person, firm or corporation has control. It shall be unlawful for any employe to do anything to hinder or make difficult, compliance with this section: Provided, That the provisions of this section shall not apply to railway sleeping cars used exclusively for the transportation and accommodation of passengers carried by said railways.

Am. 1915, Act 3.

#### FACTORY INSPECTORS, WHO DEEMED—POWERS AND DUTIES, ETC.

SECTION 18. The commissioner of labor shall be the chief factory inspector and the deputy commissioner of labor and deputy factory inspectors shall be factory inspectors in the meaning of this act. At least two of such deputy factory inspectors shall be women. Said factory inspectors are hereby empowered to visit and inspect at all reasonable hours, as often as practicable or required, the factories, workshops and other manufacturing establishments in this state where the manufacture of goods is carried on, and all hotels where any person or persons are employed, also all stores in this state. Deputy factory inspectors shall report to the commissioner of labor at such time and manner as he may require. It shall also be the duty of the factory inspectors to enforce all the provisions of this act and to prosecute all violations of the same before a magistrate or in a court of competent jurisdiction in this state.

#### REPORTS OF DEPUTIES—OATHS.

SECTION 19. Deputy factory inspectors shall return to the commissioner of labor, as he may require, detailed reports of the results of all inspections, together with statistics gathered, and said commissioner shall keep on file in his office at Lansing a record of all reports so returned. A copy of the report on such inspection and of any order in reference thereto shall be served by the factory inspector on the superintendent, owner or manager of each building, establishment or workshop inspected. Service of such order shall be accepted and a duplicate thereof signed by such superintendent, owner or manager. If the superintendent, owner or manager of whom such signature is demanded shall refuse to so sign such acceptance of service, an affidavit by the inspector showing the facts of such service, demand of signature and refusal shall be sufficient evidence of service when duly filed; but such superintendent, owner or manager shall not thereby be released from any criminal liability attending his refusal under this act. Deputy factory inspectors and special canvassers shall have the same power to administer oaths as is now given to notaries public, in cases where persons desire to verify documents connected with the proper enforcement of this act.

The liability of a master for injury to a servant by reason of failure to guard dangerous machinery, under the provisions of Act 113, of 1901, depends upon the fact of the order having been made by the factory inspector and brought to the notice of the master.—Kerr v. Nat'l Fulton Brass Mfg. Co., 155/191.

#### ANNUAL INSPECTION OF FACTORIES—SERVICES, HOW PAID—YEARLY REPORT.

SECTION 20. For the purpose of carrying out the provisions of this act, the commissioner of labor is hereby authorized and required to cause at

least an annual inspection of all manufacturing establishments, factories, hotels, workshops and stores. Such inspection may be made by the commissioner of labor, the deputy commissioner of labor, deputy factory inspectors, or such other person as may be appointed by the commissioner of labor for the purpose of making such inspection. Such persons shall be under the control and direction of the commissioner of labor. All compensation for services and expenses provided for in this act shall be paid by the state treasurer upon the warrant of the auditor general and audited by the auditor general: Provided, That the commissioner of labor shall present to the government on or before the first day of April of each year, a report of such inspection, with such recommendation as may in his judgment be necessary.

#### COMPLAINTS OF LABOR LAW VIOLATION.

SECTION 21. The prosecuting attorney of any county of this state is hereby authorized and shall, upon the complaint on oath of the commissioner of labor or any factory inspector, or of any citizen of the United States, if approved by any factory inspector, prosecute to termination before any court of competent jurisdiction, in the name of the people of the state, actions or proceedings against any person or persons reported to him to have violated any of the provisions of this act.

Am. 1911, Act 123.

#### TENEMENT HOUSE WORK—PERMIT, WHEN GRANTED, ETC.

SECTION 22. No room or apartment in any tenement or dwelling house shall be used for the manufacture of coats, vests, trousers, knee pants, overalls, skirts, dresses, cloaks, hats, caps, suspenders, jerseys, blouses, waists, waist-bands, underwear, neckwear, furs, fur trimming, fur garments, shirts, hosiery, purses, feathers, artificial flowers, cigarettes or cigars, and no person, firm or corporation shall hire or employ any persons to work in any room, apartment or in any building or parts of buildings, at making in whole or in part any of the articles mentioned in this section, without first obtaining a written permit from the factory inspector or one of his deputies, stating the maximum number of persons allowed to be employed therein and that the building or part of building intended to be used for such work or business is thoroughly cleaned, sanitary and fit for occupancy for such work or business. Such permit shall not be granted until an inspection of such premises is made by the factory inspector or one of his deputies. Said permit may be revoked by the factory inspector at any time the health of the community or of those so employed may require it. It shall be framed and posted in a conspicuous place in the room, or in one of the rooms to which it relates. Every person, firm, company or corporation contracting for the manufacture of any of the articles mentioned in this section, or giving out the incomplete material from which they or any of them are to be made, or to be wholly or partially finished, shall, before contracting for the manufacture of any of said articles, or giving out said material from which they or any of them are to be made, require the production by such contractor, person or persons of said permit from the factory inspector, as required in this section, and shall keep a written register of the names and ad-

clothes of all persons to whom such work is given to be made, or with whom they may have contracted to do the same. Such register shall be produced for inspection and a copy thereof shall be furnished on demand by the factory inspector or one of his deputies: Provided, That nothing in this section shall be so construed as to prevent the employment of a seamstress by any family for manufacturing articles for such family use. None of the work mentioned in this section shall be done in any room or apartment used for living or sleeping purposes, or which is connected with the room or rooms used for such purposes, and which has not a separate and distinct outside entrance for use of others than members of the family dwelling therein. Not less than two hundred fifty cubic feet or air space shall be allowed for each person employed, and all work rooms shall be provided with sufficient means of light, heat and ventilation as may be prescribed by the chief factory inspector. It shall be the duty of local boards of health, health officers and physicians to report within twenty-four hours to the deputy factory inspector in their respective districts each and every case of contagious or infectious disease coming officially to their knowledge. The chief factory inspector or any duly appointed deputy factory inspector shall have power to seize and take charge of all articles found that are being made or partially made, finished, cleaned or repaired in unhealthy or insanitary places where there are contagious or infectious diseases, in violation of the law, and may proceed to disinfect, condemn or destroy the same as in the opinion of the local board of health officer, the public health or safety may require. Whenever it is reported to the chief factory inspector or to the state board of health, or to either of them, that any of the articles named in this section are being or have been shipped into this state, having previously been manufactured in whole or in part under unhealthy conditions, said chief factory inspector shall examine said goods and the condition of their manufacture, and if upon such examination said goods or any of them are found to contain vermin or to have been made in improper places or under unhealthy conditions, he shall make report thereof to the state board of health, which board shall thereupon make such order or orders as the public health and safety may require: Provided, That in stores where goods are manufactured, altered or repaired, work rooms shall be provided with proper heat, light and ventilation, as prescribed in this section.

#### IMPROVEMENTS INSPECTORS MAY ORDER.

**SECTION 23.** Factory inspectors shall have power to order all improvements herein specified, such as the repairing of elevators, the installation of wash and dressing rooms and water closets. When such improvements are found necessary orders for same shall be served on the owner of the building or premises: Provided, That whenever the owner of such buildings or premises as mentioned in this act be a non-resident of this state said order may be made on his resident agent or the tenant of such buildings or premises. If the tenant be required to make such improvements he may deduct the cost thereof from the amount of rent for use of such buildings or premises.

This section construed in connection with section 12 of this Act.—Barfoot v White Star Line, 170 / 349.



## SEATS FOR FEMALES—NEGLECT OR REFUSAL TO PROVIDE.

SECTION 24. All persons who employ females in stores, shops, offices or manufactories, as clerks, assistants, operatives or helpers in any business, trade or occupation carried on or operated by them, shall be required to procure and provide proper and suitable seats for all such females, and shall permit the use of such seats, rests or stools as may be necessary, and shall not make any arbitrary rules, regulations or orders preventing the use of such stools or seats at reasonable times. No employer of female help shall neglect or refuse to provide seats as provided in this act, nor shall make any rules, orders or regulations in their shops, stores or other places of business requiring females to remain standing when not necessarily in service or labor therein.

## FEMALE LABOR IN SALOON, ETC.

SECTION 25. No person shall employ or permit any girl or woman to act as barkeeper, or to serve liquor, or to furnish music, or for dancing in any saloon or barroom where spirituous or intoxicating liquors, or malt, brewed or fermented liquors are sold or kept for sale.

This section is deemed to supersede C. L. 1897, § § 5361-5364, on the same subject.

## FOUNDRIES, EXHAUST FANS, ETC.

SECTION 26. All entrances to foundries shall be constructed and maintained so as to minimize drafts. All passage ways in foundries, now in operation or hereafter to be built, shall be constructed and maintained of sufficient width to make them reasonably safe for the workmen, and no unnecessary obstruction shall be allowed in such passage ways during the hours of casting. Whenever a foundry is so constructed or operated that smoke, steam, dust or noxious gases are not promptly carried off by the general ventilation, exhaust fans shall be provided. No salamanders or open fire places shall be used, unless ample provision be made for conveying the gases arising therefrom directly from the building. Foundries shall be reasonably well lighted throughout working hours, and reasonably well heated during the cold and inclement weather. Hot water shall be kept available for washing purposes during the season in which artificial heating is necessary. When it is thought necessary and advisable by a state factory inspector, facilities shall be provided for drying the clothing of persons employed therein. All pits around furnaces in any such foundry shall be covered with substantial iron gratings. All stairways around such furnaces shall be constructed of iron. There shall be kept on hand at all times in every foundry a reasonable supply of lime water, sweet oil, vaseline, bandages and absorbent cotton for use by the workmen in case of burns or accident. It is hereby made the duty of each and every state factory inspector to enforce the provisions of this section. Any place or establishment where metal castings or cores are made shall be deemed a foundry within the meaning of this act.

This section is deemed to supersede Act 152 of 1907 on the same subject.

## TO PROVIDE FANS OR BLOWERS.

SECTION 27. All persons, companies or corporations operating any factory or workshop, where wheels or emery belts of any description are in general use, either leather, leather covered, felt, canvas, paper, cotton, or wheels or belts rolled or coated with emery or corundum, or cotton wheels used as buffs, shall provide the same with fans or blowers or similar apparatus, which shall be placed in such a position or manner as to protect the person or persons using the same from the particles of dust produced and caused thereby, and to carry the dust arising from, or thrown off by such wheels or belts while in operation, directly to the outside of the building or to some other receptacle placed so as to receive and confine such dust: Provided, That grinding machines upon which water is used at the point of grinding contact shall be exempt from the conditions of this act: Provided further, That this act shall not apply to solid emery wheels used in saw-mills or planing-mills or other wood working establishments.

Notice to guard emery wheels in use in defendant's factory held broad enough to include wheels subsequently installed.—*Kerr v. Brass Mfg. Co.*, 155 / 191.

## DUTY OF PERSONS OPERATING FACTORY—CONSTRUCTION OF APPLIANCES.

SECTION 28. It shall be the duty of any person, company or corporation operating any such factory or workshop to provide or construct such appliances, apparatus, machinery or other things necessary to carry out the purposes of this act, as set forth in the preceding section, as follows: Each and every such wheel shall be fitted with a sheet or cast iron hood or hopper of such form and so applied to such wheel or wheels that the dust or refuse therefrom will fall from such wheels or will be thrown into such hood or hopper by centrifugal force and be carried off by the current of air into a suction pipe attached to such hood or hopper.

## SUCTION PIPES, SIZE OF.

SECTION 29. Each and every such wheel six inches or less in diameter shall be provided with a three-inch suction pipe, wheels six inches to twenty-four inches in diameter with four-inch suction pipes, wheels from twenty-four inches to thirty-six inches in diameter with five-inch suction pipes, and all wheels larger in diameter than those stated above shall be provided each with a suction pipe not less than six inches in diameter. The suction pipe from each wheel so specified must be full size to the main trunk suction pipe, and the said main suction pipe to which smaller pipes are attached shall, in its diameter and capacity, be equal to the combined areas of such smaller pipes attached to the same, and the discharge pipe from the exhaust fan connected with such suction pipe or pipes shall be as large or larger than the suction pipe.

## RATE OF SPEED FOR FANS OR BLOWERS.

SECTION 30. It shall be the duty of any person, company or corporation operating any such factory or workshop, to provide the necessary fans or blowers to be connected with such pipe or pipes, as above set forth, which shall be run at such rate of speed as will produce a velocity of air

in such suction or discharge pipes of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in an U-shaped tube. All branch pipes must enter the main trunk pipe at an angle of forty-five degrees or less. The main suction or trunk pipe shall be below the polishing or buffing wheels and as close to the same as possible, and be either upon the floor or beneath the floor on which the machines are placed to which such wheels are attached. All bends, turns or elbows in such pipes must be made with easy smooth surfaces having a radius in the throat of not less than two inches diameter, of the pipe on which they are connected.

#### WHO MAY VISIT AND INSPECT FACTORY DURING WORKING HOURS— PROSECUTIONS, ETC.

SECTION 31. It shall be the duty of any factory inspector, sheriff, constable or prosecuting attorney of any county in this state, in which any such factory or workshop is situated, upon receiving notice in writing, signed by any person or persons having knowledge of such facts, that such factory or workshop is not provided with such appliances as herein provided for, to visit any such factory or workshop and inspect the same, and for such purpose they are hereby authorized to enter any factory or workshop in this state during working hours, and upon ascertaining the facts that the proprietors or managers of such factories or workshops have failed to comply with the provisions of this act, to make complaint of the same in writing before a justice of the peace or police magistrate having jurisdiction, who shall thereupon issue his warrant directed to the owner, manager or director of such factory or workshop, who shall be thereupon proceeded against for the violation of this act as hereinafter mentioned, and it is made the duty of the prosecuting attorney to prosecute all cases under this act. No person shall be employed to operate any of the wheels, buffers or belts mentioned in this act in any basement, so-called, or in any room lying wholly or partly beneath the surface of the ground, unless such workroom shall be provided with sufficient means of light, heat and ventilation as shall be prescribed by the state factory inspector. No female shall be employed in operating or using any of the wheels or belts specified in this section.

#### MACHINES TO CARRY AWAY DUST.

SECTION 32. All persons, companies or corporations operating any upholstering or mattress establishments or other establishments, factory or place where hair, moss, tow or cotton is used for filling, shall provide the same with hair picking machines when ordered by the commissioner, deputy commissioner of labor or deputy factory inspector, which shall be placed in such a position or manner as to carry away the dust arising from or thrown off by such machines while in operation directly to the outside of the building or to some other receptacle established so as to receive and confine such dust, and the same shall be placed within such establishment, place or factory within three months after having been ordered to be so placed by the commissioner, deputy commissioner of labor or deputy factory inspector.

This section is deemed to supersede Act 252 of 1907 on the same subject.

• STATIONARY STEAM BOILERS—APPROVAL INSPECTION.

SECTION 33. All stationary steam boilers operated or used, or caused to be operated or used, by any person, firm or corporation within the state of Michigan, shall, whenever so ordered by the chief factory inspector or any of his duly authorized deputies, have upon them some device which will sound an alarm for the purpose of calling the attention of the engineer, fireman or person in charge of any such boiler to the depth of water in the boiler before the same reaches the danger point: Provided, That the kind of device or alarm used shall be approved by the chief factory inspector of the state; and he or any of the duly authorized deputies shall be authorized to enter upon the premises of any person, firm or corporation within this state for the purpose of inspecting any stationary steam boiler so used or operated.

This and the next section are deemed to supersede Act 209, of 1899, on the same subject.

LOW WATER ALARM, OPERATION WITHOUT UNLAWFUL.

SECTION 34. It shall be unlawful for any person, firm or corporation to operate any stationary steam boiler without its having a low water alarm attached thereto, after the chief factory inspector or any duly authorized deputy has ordered the same to be used as specified in this act.

FREE EMPLOYMENT BUREAUS, CREATION OF.

SECTION 35. Free employment bureaus are hereby authorized to be created and established in this state as follows: One in the city of Detroit, one in the city of Grand Rapids, one in the city of Jackson, one in the city of Bay City, one in the city of Battle Creek, one in the city of Muskegon, one in the city of Saginaw, one in the city of Flint, one in the city of Kalamazoo, one in the city of Lansing, one in the city of Bad Axe, one in the city of St. Louis and one in the city of Traverse City, for the purpose of receiving applications of persons seeking employment and applications of persons seeking to employ labor. Such bureaus shall be designated and known as Michigan free employment bureaus. The commissioner of labor shall organize, establish and control the free employment bureaus authorized by this act. No compensation or fee shall be charged or received directly or indirectly from persons applying for employment or help through any such bureau. It shall be the duty of said commissioner of labor to use all diligence in securing the co-operation of employers of labor with the purpose and objects of said employment bureau. To this end it shall be competent for said commissioner to advertise in the columns of newspapers or to use other mediums for such situations as he or his agents have applicants to fill, and for such help as may be called for by employers. Said commissioner of labor may also advertise in a general way for the co-operation of large contractors and employers, in such trade journals or special publications as reach such employers, whether such trade journals are published in the state of Michigan or not, and he may pursue such other methods as in his judgment will best tend to accomplish the purpose of this act: Provided, That all managers or superintendents in charge of state free

employment bureaus shall devote their entire time to the work of their office while receiving salary or wages from the state.

Am. 1911, Act 191.  
This and the next two sections are deemed to supersede Act 281 of 1907 on the same subject.  
Am. 1915, Act 218.

#### ASSISTANTS, COMPENSATION, HOW PAID.

SECTION 36. The commissioner of labor is authorized to appoint such assistants as may be necessary for the proper administration of such free employment bureaus. All such assistants shall be under the control and direction of the commissioner of labor, and shall receive such compensation as he shall determine. All compensation for services and expenses provided for in this act, except the compensation allowed to the commissioner and his deputy, shall be paid from the sum of sixty-five thousand dollars hereinafter appropriated under the provisions of section thirty-seven of this act. Such compensation and services shall be paid by the state treasurer upon the warrant of the auditor general in the same manner as other salaries and expenses are paid.

Am. 1915, Act 218; Am. 1917, Act 98.

#### ANNUAL APPROPRIATION.

SECTION 37. The sum of sixty-five thousand dollars is hereby appropriated for the fiscal year ending June thirty, nineteen hundred eighteen, and for each fiscal year thereafter there is hereby appropriated the sum of sixty-five thousand dollars for the maintenance and support of said department of labor, and the auditor general is hereby directed to annually add to and incorporate in the state tax to be levied each year the sum of sixty-five thousand dollars, which, when collected, shall be credited to the general fund to reimburse the same for the money appropriated by this act.

Am. 1915, Act 218; Am. 1917, Act 98.  
Sections 38 to 54 relate to mine inspection.

#### PENALTY.

SECTION 54. Any person who violates or omits to comply with any of the foregoing provisions of this act, or who interferes in any manner with the factory inspector in the discharge of his duties, or who suffers or permits any child or female to be employed in violation of its provisions, shall be deemed guilty of a misdemeanor, and on conviction shall be punished by a fine of not less than ten nor more than one hundred dollars or by imprisonment for not less than ten nor more than ninety days, or by both such fine and imprisonment in the discretion of the court.

Sec. 55 repeals "all acts or parts of acts inconsistent herewith."

## PRIVATE EMPLOYMENT AGENCIES.

AN ACT to provide for the licensing, bonding and regulation of private employment agencies, the limiting of the amount of the fee charged by such agencies, the refunding of such fees in certain cases, the imposing of obligations on persons, firms or corporations which have induced workmen to travel in the hope of securing employment, charging the commissioner of labor with the enforcement of this act and empowering him to make rules and regulations, and fixing penalties for the violation hereof.

[Act 301, P. A. 1913.]

## LICENSE REQUIRED—FEE—DISPOSITION OF FEES.

*The People of the State of Michigan enact:*

SECTION 1. No person, firm or corporation in this state shall open, operate or maintain a private employment agency where a fee is charged to persons seeking employment, without first obtaining a license for the same from the commissioner of labor, and the fee for such license shall be twenty-five dollars per annum except in cities over two hundred thousand population, where it shall be one hundred dollars per annum. Every license shall be void after the thirty-first day of December of the year in which it was issued. The form of the license shall be fixed by the commissioner of labor and it shall be non-transferable. The license may be revoked by the commissioner of labor whenever in his judgment, after full hearing the licensed agency shall have violated any of the provisions of this act. The commissioner of labor is hereby charged with the enforcement of the terms of this act and empowered to make such rules or regulations as are consistent with it and aid in its enforcement and he shall direct copies or excerpts of this act to be kept conspicuously posted in every licensed agency. The commissioner of labor shall turn into the state treasury all fees collected under this act.

## SURETY BOND REQUIRED.

SECTION 2. The commissioner of labor, before granting a license, shall require each applicant to furnish a surety bond in the penal sum of one thousand dollars, conditioned that the obligor will not violate any of the provisions of this act. Such bond shall be a personal bond with two good and sufficient sureties, to be approved by the prosecuting attorney or the circuit judge of the county in which such employment agency is located and when so approved shall be accepted by the commissioner of labor. The commissioner of labor is authorized to cause an action to be brought on said bond in the name of the people of the state of Michigan for the violation of any of its conditions. If any person shall be aggrieved because of the violation by such licensed agency of any provision of this act, such person may maintain an action, in his own name, upon the bond

of said employment agency in any court having jurisdiction of the amount claimed.

Am. 1917, Act 244.

#### REGISTERS TO BE KEPT.

SECTION 3. It shall be the duty of every licensed agency to keep a register in which shall be truthfully entered the date of application, age, sex, nativity, trade or occupation, name and address of every person who applies for employment at such agency, the amount of the fee charged and the wages to be paid. Such licensed agency shall also keep a register in which shall be truthfully entered the name and address of every person who applies for help at such agency, the place of proposed employment, the nature of the work to be done and the wages offered.

#### RECEIPTS.

SECTION 4. Every licensed agency shall issue a receipt to each person seeking employment who has paid a fee, which receipt shall contain the name and address of the agency issuing it, together with all the information regarding the particular transaction hereinbefore required to be entered in both registers of the agency. Such agency shall also issue a receipt to each person seeking employment who has paid a fee for registering in such agency.

#### FEE, LIMIT OF—REPAYMENT.

SECTION 5. The entire fee or fees for the procuring of one situation or job and for all expenses, incidental thereto, to be received by and employment agency, from any applicant for employment at any time, whether for registration or other purposes, shall not exceed ten per cent of the first month's wages. Such ten per cent shall be determined by the monthly rate offered by the applicant for help, regardless of the time during which the applicant for employment remains at the employment procured him. Where a registration fee is charged, if the applicant, through no fault of his own, does not secure through the employment agency to which the fee has been paid, within one month, the employment applied for, said agency shall repay to said applicant, upon demand, one-half the full amount of the registration fee paid. No registration fee shall exceed the sum of one dollar.

#### THINGS PROHIBITED.

SECTION 6. No employment agent or agency shall send an applicant for employment to an employer who has not applied to such agent or agency for help or labor. Nor shall any licensed agency fraudulently promise or deceive, whether through a false notice or advertisement or other means, any applicant for help or employment with regard to the service to be rendered by such licensed agency and every such agency shall be liable civilly to any person who is led to expend money uselessly for transportation or other purposes through the misrepresentations or false promises of such agency.

## OTHER THINGS PROHIBITED.

SECTION 7. No employment agency or person connected therewith shall direct any person applying for employment to any house of prostitution or immoral resort. No licensed agency shall be conducted in, or in connection with, any place where intoxicating liquors are sold.

## PENALTY.

SECTION 8. Any person who violates or omits to comply with any provision of this act, or who interferes in any manner with the commissioner of labor or any of his deputies in its enforcement shall be deemed guilty of a misdemeanor and on conviction shall be punished by a fine of not less than twenty-five dollars nor more than two hundred dollars or by imprisonment for not less than ten or more than ninety days or by both such fine and imprisonment in the discretion of the court.

## HOTELS.

AN ACT relating to the conduct of hotels, inns and public lodging houses

[Act 188, P. A. 1913.]

## HOTEL DEFINED.

*The People of the State of Michigan enact:*

SECTION 1. Every building or structure kept, used or maintained as, or held out to the public to be an inn, hotel or public lodging house, shall, for the purpose of this act, be defined as a hotel, and wherever the word "hotel" shall occur in this act it shall be construed to mean every such structure as is described in this section.

## FIRE ESCAPES—WAY OF EGRESS UNOBSTRUCTED.

SECTION 2. Every hotel that is more than two stories high shall be equipped with an iron fire escape on the outside of the building connecting on each floor, above the first, with at least two openings, which shall be well fastened and secured with landings not less than six feet in length and three feet in width, guarded by an iron railing not less than three feet in height. Such landings shall be connected by iron stairs not less than two feet wide and with steps of not less than six-inch tread and not more than eight-inch rise, placed at an angle of not more than forty-five degrees and protected by a well secured hand rail on both sides and reaching to within twelve feet of the ground, with a drop ladder eighteen inches wide reaching from the lower platform to the ground. Such fire escapes shall be sufficient if a perpendicular ladder shall be used instead of the stairs, provided such iron ladder is placed at the extreme outside of the platform and at least three feet away from the wall of the building, and provided said ladder is equipped with round iron rounds not more



than fifteen inches apart, except that fire-proof buildings may have inside fire escapes placed in a well, shaft, or opening which shall be built of fire-proof material and shut off from the remainder of the building by fire-proof, tight doors. The way of egress to such fire escape shall at all times be kept free and clear of all obstruction of any and every nature. Storm windows and storm doors shall be considered an obstruction for the purpose of this act, and such way of egress shall at all times be kept unlocked. There shall be posted and maintained in a conspicuous place in each hall and each guest room, except the halls and rooms on the ground floor, of such hotel, a printed notice in characters not less than two inches high calling attention to and directing the way to such fire escape.

#### CHEMICAL FIRE EXTINGUISHERS.

SECTION 3. Each and every hotel shall be provided with at least one sufficient chemical fire extinguisher for every twenty-five hundred square feet or less of floor area, which such extinguisher or extinguishers shall be placed in a convenient location in a public hallway outside of the sleeping rooms, and shall always be in condition for use.

#### BUILDINGS TWO STORIES OR LESS TO PROVIDE MANILA ROPES.

SECTION 4. Every hotel that is not over two stories in height and which is not provided with such fire escape as is described in section two hereof, shall provide in every bedroom or sleeping apartment on the second floor a manila rope at least five-eighths of an inch in diameter and knotted every eighteen inches, and of sufficient strength to sustain a weight and strain of at least five hundred pounds, and of sufficient length to reach the ground. Such rope shall be securely fastened to the joists or stud-dings of the building as near the windows as practicable, and shall be kept coiled in plain sight at all times, nor shall such rope be covered by curtains or other obstructions. Every such hotel shall provide and maintain in a conspicuous place in every bedroom or sleeping apartment above the ground floors, a printed notice calling attention to such rope and giving directions for its use.

#### SANITATION, DRAINAGE, ETC.

SECTION 5. Every hotel shall be well drained and maintained according to established sanitary principles; shall be kept clean and in a sanitary condition and free from effluvia arising from any sewer, drain, privy or other source within the control of the owner, manager, agent or other person in charge; shall be provided with water closets or privies properly screened for the separate use of males and females, which water closets or privies shall be disinfected as often as may be necessary to keep them at all times in a sanitary condition.

#### ROOMS, HOW FURNISHED.

SECTION 6. Every hotel shall have and provide all toilet rooms, bath rooms and sleeping rooms with individual textile towels. Every hotel shall have and provide all beds with regulation sheets, not less than ninety inches in length. Such beds shall also be provided with sufficient

number of regulation size blankets or quilts that are kept in a sanitary condition.

#### VIOLATION, PENALTY.

SECTION 7. Every owner, manager, agent or person in charge of a hotel, who shall fail to comply with any of the provisions of this act, shall be deemed guilty of a misdemeanor, and shall be fined not less than twenty-five dollars nor more than fifty dollars, or shall be imprisoned in the county jail for not less than thirty days nor more than sixty days, or both, and every day that such a hotel is carried on in violation of this act shall constitute a separate offense.

#### POWER OF COMMISSION.

SECTION 8. The labor commissioner, dairy and food commissioner, insurance commissioner, and the executive officer of the state board of health shall constitute a commission for the purpose of carrying into effect the provisions of this act, and same shall be delegated with the power to adopt such rules and regulations as conditions may require.

#### HOTEL INSPECTOR AND DEPUTY INSPECTORS.

SECTION 9. Such commission shall delegate and confer the title of hotel inspector or deputy inspectors upon such men now operating under the supervision of the several departments constituting this commission and in such number as the lawful enforcement of this act shall justify.

#### DUTIES OF HOTEL INSPECTOR AND DEPUTIES.

SECTION 10. It shall be the duty of the inspector and his deputies to see that all of the provisions of this act are complied with, and said inspector or the deputy for the district shall personally inspect at least once each year and at such other times as in the best judgment of the commission or the deputy the occasion demands as defined by this act.

#### POWER GRANTED HOTEL INSPECTOR AND DEPUTIES.

SECTION 11. Said inspector and his deputies are hereby granted police power to enter any hotel at reasonable hours to determine whether the provisions of this act are being complied with.

#### CERTIFICATE, WHERE POSTED.

SECTION 12. If the inspector or deputy shall find after examination of any hotel that this law has been fully complied with, he shall issue a certificate to that effect to the person operating the same, and said certificate shall be kept posted up in a conspicuous place in said inspected building. Such certificate shall be prepared in blank by said commission.

#### FALSE CERTIFICATION, PENALTY FOR.

SECTION 13. Any inspector who shall wilfully certify falsely regarding any building inspected by him, and who shall issue a certificate to any

person operating in any hotel when such person has not complied with the provisions of this act, shall on conviction thereof be fined not less than fifty dollars nor to exceed one hundred dollars, and may be imprisoned not to exceed ninety days in the county jail, or both at the discretion of the court, and upon conviction shall be forever disqualified to hold said office.

#### HINDRANCE OF INSPECTOR, PENALTY FOR.

SECTION 14. Any owner, manager, agent or person in charge of a hotel, who shall obstruct or hinder an inspector in the proper discharge of his duties under this act, shall be guilty of a misdemeanor, and upon conviction thereof, shall be fined not less than twenty-five dollars nor more than fifty dollars, or shall be imprisoned in the county jail not less than thirty days nor more than sixty days, or both.

#### PROSECUTIONS.

SECTION 15. It shall be the duty of the inspector, upon ascertaining by inspection or otherwise, that after sixty days from the time this act takes effect, any hotel is being carried on contrary to its provisions, to make complaint and cause the arrest of the person so violating the same; and it shall be the duty of the prosecuting attorney in such cases to prepare all necessary papers and conduct such prosecutions.

[Act No. 177 of the Public Acts of 1913.]

#### REGULATING THE OPERATION OF COAL MINES.

AN ACT to provide for the health and safety of persons employed in and about the coal mines of Michigan, for the appointment, qualifications, duties and compensation of an inspector of mines, and for the protection and preservation of property connected therewith, and to provide penalties for the violation thereof, and for the repeal of all acts and parts of acts inconsistent herewith.

*The People of the State of Michigan enact:*

SECTION 1. For the purposes of this act, the terms and definitions contained herein shall be as follows:

Mine. In this act the term "Mine" includes the shafts, slopes and drifts connected with excavations penetrating the coal stratum or strata, which excavations are ventilated by one general air current, or divisions thereof, and connected by one general system of mine railroads, over which coal may be delivered to one or more points outside the mine, when such is operated by one operator.

Excavations and Workings. The term "Excavations and Workings" includes all the excavated portions of a mine, those abandoned, as well as the places actually being worked; also all underground workings and shafts, slopes, tunnels and other openings in the course of being sunk

or driven, together with all roads, appliances, machinery and material connected with the same below the surface.

**Shaft.** The term "Shaft" means a vertical opening through the strata that is or may be used for the purpose of ventilation or drainage, or for hoisting men, coal or material, or both, in connection with the mining of coal.

**Slope.** The term "Slope" means an incline or opening used for the same purpose as a shaft.

**Operator.** The term "Operator" means any firm, corporation or individual operating any coal mine, or any part thereof.

**Superintendent.** The term "Superintendent" means the person who shall have, on behalf of the operator, immediate supervision of one or more mines.

**Mine Foreman.** The term "Mine Foreman" means the person whom the operator or superintendent shall place in charge of the inside workings of the mine and of the persons employed therein.

**Inspector.** The term "Inspector" means the person commissioned by the commissioner of labor to have supervision of the mines as hereinafter prescribed.

**Mine Committee.** The term "Mine Committee" means men employed to represent the miners.

#### APPOINTMENT OF MINE INSPECTOR.

SECTION 2. An inspector of coal mines shall be appointed by the commissioner of labor, subject to the approval of the governor of the State, who shall have had at least eight years' experience in the mine, three years of which he was employed in mining and loading coal, and he shall not, while in office, be interested as owner, operator, agent, director or otherwise interested in any coal mine, gas, oil or other mining interest, directly or indirectly, or in any way whatever be connected with a miners' organization during his term of office, and he must have been a resident of the State at least five years before his appointment to office, and shall receive as a salary for his services the sum of four dollars per day, and in addition thereto shall be allowed an amount not exceeding seven hundred fifty dollars for traveling expenses per year. The inspector shall present all bills for traveling expenses to the commissioner of labor, and the same shall be approved by him before being presented to the board of state auditors for allowance. The salary and expense of the inspector shall be paid semi-monthly from the general fund of the State upon warrants drawn by the auditor general.

#### POLICE POWERS OF INSPECTOR.

SECTION 3. The inspector of mines is hereby empowered to act as police officer with full power to arrest and detain any person found violating any provisions of this act, or engaged in any attempt to violate this law or any part thereof, or against whom there is found any evidence of a previous violation of this law: Provided, however, That no such person shall be detained for any period of time longer than twenty-four hours without warrant or the filing of a charge against him in a court of competent jurisdiction. Such inspector shall also have the power to imme-

diately stop the operation of any coal mine, or part thereof, in which any dangerous or unlawful condition is found: Provided, however, That where conditions exist justifying him to do so, he may grant a reasonable length of time for making necessary repairs. And provided further, That where any stop is enforced, such inspector shall have the power to subsequently allow such mine, or part of mine to be re-opened when the dangerous or unlawful conditions have been remedied, or removed so that they no longer exist.

#### AUTHORITY TO ENTER.

SECTION 4. It shall be lawful for the inspector of mines to enter, examine and inspect at any and all seasonable times, by day or by night, but so as not to unreasonably obstruct or hinder the working of such coal mine, and the operator of every such coal mine is hereby required to allow free access for making such examination and inspection.

#### POSTING NOTICES.

SECTION 5. The result of all coal mine inspections made by the inspector of the mines, showing all his conclusions as to the condition or safety of the mines and orders given in the inspection of any coal mine, shall be posted in writing at the entrance to such mine immediately upon the conclusion of each inspection, and he shall furnish a copy of such report to the mine office, and also to the mine committee. The inspector of mines shall make personal inspection of all coal mines in the State at least four times each year.

#### INSPECTOR OF WEIGHTS.

SECTION 6. The State coal mine inspector shall be ex-officio inspector of weights, measures and scales used at coal mines, and he is hereby empowered and it shall be his duty to test all the scales, correctly measure the weight of such coal, and if defects or irregularities are found in such scales, which prevent correct weights and measurements, the inspector shall call the attention of the mine owner, agent or operator to such defects, and shall direct the same to be at once properly adjusted and corrected.

#### TEST WEIGHTS.

SECTION 7. For the purpose of carrying out the provisions of this act, the State inspector shall be furnished by the State with a complete set of standard weights, suitable for testing the accuracy of track scales and of all smaller scales at mines. Such test weights shall remain in the custody of the inspector for use at any point within the State, and for any amounts expended by him for storage, transportation or handling of the same, he shall be fully reimbursed upon making entry of the proper items in his expense voucher.

#### WEIGHMEN TO MAKE OATH.

SECTION 8. All weighmen who shall perform the duty of weighing coal shall be sworn by some one competent to administer a legal oath, that

they will perform their duty accurately and impartially as between employers and employe, and that they will honestly report and record all weights of coal with which they are entrusted. The coal mine employes shall have the right to name a competent and fair check weighman, who shall be paid by the employes and be sworn by one authorized to administer oaths.

MAP OF MINES, COPIES FURNISHED MINE INSPECTOR, SURVEYS ORDERED, WHEN.

SECTION 9. The owner, operator, lessee or person in charge of any coal mine, shall make or cause to be made an accurate map or plan of such mine, drawn to a scale of not more than two hundred feet to the inch, on which shall appear the name of the state, county and township in which the mine is located, the designation of the mine, the name of the company or owner, operator, lessee or person in charge, the certificate of the mining engineer or surveyor as to the accuracy and date of the survey, the north point and the scale to which the drawing is made. Every such map or plan shall correctly show the surface, boundary lines of the coal rights pertaining to each mine, and all sections or quarter section lines or corners within the same; the lines of town lots and streets; the tracks and sidetracks of all railroads, the location of all wagon roads, rivers, streams, ponds. For the underground workings said map shall show all shafts, slopes, tunnels, or other openings to the surface or to the workings of a continuous mine, all excavations, entries, rooms and crosscuts; the location of the escape ways, and of the fan or other means of ventilation, and the direction of air currents and the location of permanent pumps, hauling engines, engine plans, abandoned work, fire walls and standing water. A separate and similar map drawn to the same scale in all cases, shall be made of each and every seam of coal operated in any mine in this State. A separate map shall also be made of the surface whenever the surface buildings, lines or objects are so numerous as to obscure the details of the mine workings, if drawn upon the same sheet with them, and in such case the surface map shall be drawn upon transparent cloth or paper, so that it can be laid upon the map of the underground workings and thus truly indicate the local relations of lines and objects on the surface to the excavations of the mine, together with any other principal workings of the mine. The original or true copies of all such maps shall be kept at the office of the mine, and true copies thereof shall also be furnished the State inspector of coal mines within thirty days after the completion of the same. The maps so delivered to the inspector shall be the property of the State, and shall remain in the custody of the commissioner of labor during his term of office, and be delivered to his successor in office. They shall be kept at the office of the commissioner of labor, and be open to examination of all persons interested in the same, but such examination shall be made only in the presence of the inspector, commissioner of labor, or his office assistant; no copies of the same to be made without the written consent of the operator or owner of the property, except as herein otherwise provided. An accurate extension of the last preceding survey of every mine in active operation shall be made in every twelve months prior to July first of every year, and the result of

such survey, with the date thereof, shall be promptly and accurately entered upon the original map; and a true, correct and accurate copy of said extended map shall be forwarded to the inspector of coal mines so as to show all changes in plan of new work in the mine, and all extensions of old workings to the most advanced face or boundary of said workings which have been made since the last preceding survey; and the parts of the mine abandoned or worked out after the last preceding survey shall be clearly indicated and shown by colorings, which copy must be delivered to such inspector of coal mines within thirty days after the last survey is made. When any coal mine is worked out or is about to be abandoned, or indefinitely closed, the owner, operator, lessee or person in charge of the same shall make or cause to be made a complete and extended map of said mine, and the result of the same shall be duly extended on all maps of the mine and copies thereof so as to show all excavations and the most advanced workings of the mine and their exact relations to the boundary or section lines on the surface, and deliver to the inspector a copy of the completed map. The State coal mine inspector shall order a survey to be made of the workings of any mine and the result to be extended on the maps of the same, and the copies thereof, whenever in his judgment the safety of the working man, or the safety of an adjoining mine requires it; and if not made by the owner, operator, lessee or person in charge when ordered by the inspector, it shall be made or caused to be made by the inspector and paid for by the State, and the amount collected from the owner, operator, lessee or person in charge, as other debts are collected.

#### ABANDONED MINES.

SECTION 10. When approaching abandoned workings and when within not less than sixty feet of the same, the excavation in approaching the said workings shall not exceed eight feet in width, and there shall be constantly kept one bore hole near the center not less than twenty feet in advance, and one flank bore hole on each side, of not less than fifteen feet in length.

#### VENTILATION.

SECTION 11. For the purpose of ventilation the mines shall be furnished with not less than one hundred cubic feet of air per minute for each person employed in the mine, or three hundred cubic feet of air per minute for each machine, mule or other draught animal in the mine, the measurements to be made at any point of the intake airways. The amount of air shall be so distributed as to give all employes air of reasonable purity to keep the working places in a healthy condition, free from noxious gases and deleterious air, and no more than one hundred men to work on any split of air. In mines generating explosive gas of a sufficient quantity to be detected by an ordinary safety lamp, the quantity shall not be less than two hundred cubic feet of air per minute for each person and six hundred cubic feet for each machine, mule or other draught animal, and the mine shall be operated with locked safety lamps and examined by a competent person each morning before the men enter their working places.

## DOORS, BREAKTHROUGHS AND BRATTICES.

SECTION 12. Doors, curtains or brattices shall be placed in such places as may be designated by the mine manager. All doors set on entries, for the purpose of conducting ventilation shall be made sufficiently tight to effectually obstruct the air current. Breakthroughs shall be made every sixty feet, first breakthrough in rooms not to exceed thirty feet from entry; all breakthroughs must be not less than five feet wide at any point in said breakthrough. It shall be the duty of mine owners to close, or caused to be closed, all entry breakthroughs with air-tight brattices with the exception of the one nearest the working place of the employes, or two if necessary, no obstruction of any kind to be placed in the breakthrough nearest the working place. Curtains shall not be permanently used on entries or airways without the written consent of the State inspector of coal mines.

## PURITY OF OILS.

SECTION 13. Only pure animal or vegetable oil or other means for illuminating purposes equally as safe and free from smoke or offensive odor shall be used in any coal mine in this State; and for the purpose of determining the purity of oils the State board of health shall fix the standard of purity of the said oils and establish regulations for testing the same, and when so determined and established it shall be recognized by all of the courts of this State. And in any case when any material, substance or other means of illuminating is used for illuminating purposes, as by this act contemplated, any refuse part thereof remaining after use which gives off any gas or offensive odor shall, by the person using it, be removed from the mine at the end of his day's work. Any person, firm or corporation, either by themselves, agents or employes selling or offering to sell for illuminating purposes in any mine in this State any adulterated or impure oil, or oil not recognized by the State board of health as suitable for illuminating purposes, or other substance to be used for illuminating purposes not equally as safe and free from smoke or offensive odor as oils contemplated by this act, shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be fined not less than twenty-five dollars nor more than one hundred dollars for each offense; and any mine owner, lessee, operator or employe thereof who shall knowingly use, or any mine owner, lessee or operator who shall knowingly permit to be used for illuminating purposes in any mine in this State, any impure or adulterated oil or any oil or other means of illuminating, the use of which is forbidden by this act, shall upon conviction thereof, be fined not less than five dollars nor more than twenty-five dollars.

## REGULATIONS FOR OIL.

SECTION 14. The oiling or greasing of cars inside of any mine is strictly prohibited, unless the place where said oil or grease is used is thoroughly cleaned at least once each working day to prevent the accumulation of waste oil or grease on the roads or in the drains at that point. Not more than two barrels of lubricating oil shall be permitted in any mine at one time, and it shall be kept in a fireproof building, cut



out of a solid rock, or made of masonry or concrete of sufficient thickness to insure safety in case of fire. But this shall not prevent a sufficient quantity of oil being sent in for machines.

#### ELECTRICITY.

Section 15. In all coal mines in this State where electricity is or shall be used as a part of the system power or means of mining and securing the coal from said mine, the wiring shall be carefully and thoroughly insulated or protected, except trolley and negative wires, so that the person or animals coming in contact therewith shall not be injured thereby.

#### GASOLINE ENGINES, LOCATION, APPROVAL, HAND FIRE EXTINGUISHERS.

SECTION 16. Where gasoline engines are used in the coal mines, the exhaust must be properly cared for, and all gasoline pumps shall be placed in such a position that the fumes from the pumps will not vitiate the air or injure the health of the employes. The supply of gasoline required for the operation of said pump or engine shall not exceed one day's supply, and shall be taken into the mine only in sealed metal tanks, so constructed that the oil supply can be changed without pouring the oil from one tank to another. At all hoisting shafts, air shafts, escape shafts and places of exit, boiler and engine rooms, stables in mines and places where gasoline engines are used, there shall be kept ready for use at all times at least two good hand fire extinguishers, conveniently placed for immediate use when needed.

#### BOILER AND ENGINE ROOM LOCATION.

SECTION 17. All boiler and engine rooms to be located or constructed on the surface at any mine, from and after the enactment of this act, shall be constructed of non-combustible material, except rafters, roof-boards, studding and coal bins, which shall be kept whitewashed; and in no case shall the boiler room be placed within less than sixty feet of the hoisting shaft, slope or drift, and no obstructions shall be placed between the engine room or hoisting shaft, so as to obstruct the view of the engineer.

#### INFLAMMABLE BUILDINGS.

SECTION 18. It shall be unlawful to erect any inflammable building within one hundred feet of the fan house, and in any building erected between fan house and hoisting shaft no explosives shall be stored.

#### WASH HOUSES.

SECTION 19. For the protection of the health of the employes hereinafter mentioned, it shall be the duty of the owner, operator, lessee, superintendent of, or other person in charge of every coal mine, at the request in writing of twenty or more employes of such mine, or in event there are less than twenty men employed, then, upon the written request of one-third of the number of employes employed, to provide a suitable wash room or wash house for the use of persons employed, so that they

may change their clothing before beginning work and wash themselves and change their clothing after working. Said room shall be separate from the engine or boiler room, and shall be maintained in good order, be properly lighted and heated and be provided with clean, cold and warm water.

#### TIME FOR CONSTRUCTING ESCAPE SHAFTS OR OTHER EXITS.

SECTION 20. In all mines there shall be allowed six months to make escape shafts or other means of exit, as provided by law, the time to date in all cases from hoisting of coal from main shaft, slope or drift, but not more than twenty-five persons shall be employed in such mine at any time until the provision of the law relating to escape shafts, or other means of exit, shall have been complied with, and after the expiration of the period above mentioned, it shall not be operated until made to conform to the provisions of law with reference to the escape shaft or other means of exit.

#### TWO PLACES OF EGRESS.

SECTION 21. The owner, operator, lessee or person in charge of any mine hereafter constructed and operated by shaft, or one having a slope or drift opening in which five or more persons are employed, shall construct and maintain at least two distinct openings, which in mines operated by shaft shall be separated by natural strata of not less than three hundred feet in breadth, and in mines operated by slope or drift, not less than two hundred feet in breadth, to which ingress and egress at all times shall be unobstructed to the employes and persons having occasion to use the same as escape ways or place of exit from the mine.

#### ESCAPE SHAFTS EQUIPPED WITH STAIRWAY—HOW CONSTRUCTED.

SECTION 22. All escape shafts hereafter constructed not provided with hoisting appliances as hereinafter provided, shall have stairs at an angle of not more than forty-five degrees in ascent, nor less than eighteen inches wide in the clear, with proper, safe and substantial landing at convenient and easy distances and equipped with good and substantial hand rails or banisters. If shaft be used for an escape shaft and air shaft, that part of the shaft used as an escape way shall be divided and partitioned closely with good and substantial material from the part used as an air shaft, all of which shall be kept in a safe condition as by this act provided.

#### ESCAPE SHAFT EQUIPPED WITH HOISTING APPARATUS.

SECTION 23. All escape shafts not provided with stairs shall be provided with suitable appliances for hoisting underground workmen, ready for use at all times, both day and night, while the workmen are at labor, which hoisting apparatus shall be separate and apart from the hoisting shaft, and the equipment shall include a depth indicator brake on the drum, steel or iron cage, safety catches on cages and covers on cages to securely protect any person while on the cage.

## TRAVELING WAYS—HOW CONSTRUCTED—SIGN BOARDS.

SECTION 24. In any mine affected by this act, and every seam of coal worked therein there shall be constructed, kept and maintained, safe and accessible traveling ways from the escape ways or place of exit to main haulage roads, which shall be maintained free from falls of roof, standing water, or other obstructions. At all points where the passage or traveling ways to the escapement shaft or place of exit intersect other road ways or entries, conspicuous sign boards shall be placed thereat; indicating the way to such place of exit.

## ESCAPE WAYS KEPT FREE FROM FOUL AIR, ICE AND OBSTRUCTIONS.

SECTION 25. The escape way shall be ventilated and kept free from vitiated air, accumulations of ice and obstructions of every kind; nor shall steam or heated air be discharged therein during the day time, unless an attendant be kept in charge thereof and the equipment so arranged that the steam or warm air may be readily turned off at any time when required, and a conspicuous sign board placed in plain view, indicating the point where the steam or warm air may be turned off, as by this act contemplated; and all surface or other water which flows therein, shall be conducted by rings or otherwise to receptacles for the same so as to keep the stairway reasonably free from falling water.

## LIGHTS AT THE TOP AND OPENING OF SHAFT.

SECTION 26. In all cases, after twilight, or when by reason of steam or other causes obscuring the plain view of the top or opening of any shaft, there shall be maintained a good and substantial light, but in no case shall an open light or torch be used.

## TRAVELING WAY AROUND BOTTOM OF HOISTING SHAFT.

SECTION 27. At the bottom of each hoisting shaft there shall be constructed a safe and convenient traveling way around the shaft for employes and animals, and it shall be unlawful for any person to pass across the shaft bottom in any other manner or in any other way than the traveling way herein contemplated, except such employes as may be necessary to perform the work at the bottom of the shaft or those engaged in making repairs.

## STABLE LOCATION—CONSTRUCTION—NOT USED FOR STORAGE PURPOSES.

SECTION 28. The owner, operator, lessee, or person in charge of any mine shall not be allowed to locate any stable at a point in any mine where the air current supplied to the employes passes through such place. The materials used in the construction of the stables herein contemplated shall, as near as practicable, be incombustible, and such stables shall not be used as a place for storing, nor shall any inflammable material be stored therein, except such hay as may be necessary for one day's use, except in case of emergency.

## PLACES OF REFUGE—SIGNALS—LIGHTS.

SECTION 29. On all single track haulage roads, where haulage is done by machinery, which roads the persons employed in the mine must use, while traveling on foot to and from their work, there shall be places of refuge on one side not less than three feet in depth from the side of the car, and not less than five feet long and not less than the height of the entry as driven and not more than sixty feet apart. On rope haulage roads means of signaling shall be established between the haulage engines at all points on the road. A conspicuous light must be carried on the front of every trip or train of such cars moved by machinery. On all haulage roads on which the hauling is done by draught animals whereon men are obliged to pass to and from their work, there shall be places of refuge not less than three feet in width from the side of the car and not less than five feet long and not less than the height of the entry as driven, and not more than sixty feet apart. Refuge places shall not be required in the entries on which room necks are turned at regular intervals not exceeding sixty feet apart, which furnished required refuge places. All places of refuge must be kept clear of obstruction, except supports, and no materials shall be stored or be allowed to accumulate therein.

## MEANS OF COMMUNICATIONS—SAFETY APPLIANCES, ETC.

SECTION 30. The operator or superintendent shall provide and maintain from the top to the bottom of every shaft where persons are raised or lowered, a metal tube suitably adapted to the free passage of sound, through which conversation may be held between persons at the top and bottom of said shaft, and also means of signaling from the top to the bottom thereof, and shall provide every cage used for the hoisting or lowering of persons, with a sufficient overhead covering to protect these persons when using the same, and shall provide also for each said cage a safety catch approved by the mine inspector and to be tested by drop quarterly. The said operator or superintendent shall see that flanges with sufficient clearance, when the rope is wound around the drum, to prevent the rope slipping off the drum of every engine that is used for lowering and hoisting persons to and out of the mine, are used, and also, that adequate brakes are attached to the drums: Provided, That the rope shall be left around the drum at least one and one-half times when the cage is at the bottom of the shaft. Safety gates, to be approved by the mine superintendent, shall be so placed as to prevent persons from falling into the shaft. The ropes, chains and machinery, and all its connections used for lowering or raising the employes into or out of the mines shall be kept in a safe condition and inspected once every twenty-four hours by a competent person provided by the mine operator for that purpose, who shall make a daily record of such inspection in a book provided for that purpose, and such machinery and the method of its inspection shall be approved by the mine inspector.

## SAFETY IN HOISTING MEN.

SECTION 31. Hoisting and Lowering Men. Every cage on which persons are carried must be fitted with iron bars or rings in proper place and sufficient number to furnish a secure hand-hold for every person permitted to ride thereon, and not more than ten persons shall be allowed to descend or ascend in any cage at one time, or such less number as may be fixed by the mine inspector. No person at any time shall be allowed to ride in the shaft or on any cage with a car, tools or other material or when such car, tools or material is on the opposite cage, except when absolutely necessary in the performance of work in the making of repairs; and no person shall ride upon a loaded trip while in any part of the mine, except the person or persons in charge thereof. Cages on which employes are riding shall not be lifted or lowered at a rate of speed greater than four hundred feet per minute.

## COMPETENT AND SOBER ENGINEERS—DUTIES.

SECTION 32. The owner, operator or lessee or any person in charge of any mine shall not place in charge of any engine in and around the mine, any but competent and sober engineers, who shall not permit any person but those designated to handle, operate, or interfere with it or any part of the machinery, except such as may be necessary in making proper and needed repairs, and no person shall be permitted to talk to the engineer while in the performance of his duty in hoisting or lowering employes, coal or mineral. There shall be placed in plain view of the engineer while at his post of duty, at some conspicuous point, a code of signals as by this act provided, and which shall be in like manner placed at the top and bottom of the shaft, slope or drift; and it shall be the duty of the engineer at least once each day to carefully inspect all of the machinery and apparatus under his charge, and carefully note all of its parts, and if any defects appear which will endanger the life or limb of any employe in the use thereof, he shall cease operating the machinery until the defects are corrected.

## CODE OF SIGNALS.

SECTION 33. One bell: Hoist cage, stop cage when in motion.

Two bells: Lower cage.

Three bells: Hoist car of dirt.

Four bells: Men and cage ready to be hoisted; cage must always be stopped at landing on four bells.

Five bells: Hoist slowly, danger.

Notice to men at bottom coming up.—Ring four bells. After engineer gives one blast with whistle, get on cage and ring one bell to be hoisted. Engineer wanting cage while at bottom will give four blasts with whistle before moving cage.

## CONVEYING OF EXPLOSIVES.

SECTION 34. Blasting powder or explosives must not be taken into or out of a coal mine, or moved from place to place in a coal mine along any entry or haulway, where there are electric wires, while the power

is on such wires, except when such powder or explosive is conveyed in insulated cars or packages.

#### ANNUAL REPORT—REPORT OF ACCIDENTS.

SECTION 35. The owner, lessee, operator or person in charge of any mine shall on or before the first day of August in each year, send to the office of the inspector, upon blanks furnished by the State, a correct return with respect to the year ending July first of each year, the quantity of coal mined and the number of persons ordinarily employed in, at and around such mine, designating the number of persons below and above ground. In all cases the owner, operator, lessee or person in charge of any coal mine in this State, upon the happening of any accident by which injury occurs to any of the employes above or below ground, shall immediately report the same to the mine inspector, which report shall contain a detailed statement of the extent of the accident, and the manner in which it occurred, which report shall conform to the standard form of reports as provided by the mine inspector in such cases.

#### STRETCHERS, BLANKETS AND BANDAGES.

SECTION 36. The owner, operator, lessee or person in charge of any mine shall at all times keep in readiness for use in case of accident and at the mine at some convenient place, one good and substantial stretcher for each one hundred employes engaged in the operation of the mine, and proper and sufficient woolen blankets for each stretcher, together with a sufficient and reasonable supply of bandages.

#### CAPS, TIMBERS AND PROPS.

SECTION 37. The owner, agent or operator of any and all coal mines shall keep a supply of timber constantly on hand of sufficient length to be used as props and cap pieces, and the same shall be promptly delivered to the miner at his respective place of work, as he may designate in writing, on blanks to be furnished by the operator.

#### DUTIES OF MINE FOREMAN, OR PIT BOSS.

SECTION 38. It shall be the duty of the mine foreman, or pit boss in charge of any mine or part thereof, to make careful inspection of the working places in the mine two times each week by himself or assistant, and at any such other time as in his judgment may be required. He shall give such directions and formulate such rules for the guidance of the men employed in the mine, as skillful and safe operation of the mine may require. He shall see that the miners are supplied with props, when ordered by the miner, of proper length, caps and other timbers necessary to securely prop the roof of such mine and the rooms wherein the men are employed, and such material shall be delivered to their working places. He shall keep a careful watch over the ventilating apparatus and air ways, together with all of the stoppings, doors and other means of directing the air current. He shall examine the escape shaft, man-way, the traveling ways leading thereto from the main entries, or cause them to be examined by a competent person, once each day, and

written report of the conditions of such shaft, man-way and traveling ways shall be made and filed in the office at that mine, which shall be open for examination at all reasonable times to the representatives of the employes and such other persons entitled thereto. A copy of such report shall be sent each month to the mine inspector. If he finds the conditions of the escape shaft, man-way or traveling ways impassable or dangerous, he shall immediately upon the discovery of the defect, place such instructions at the defective place as may be reasonably necessary to apprise the employes of the danger.

#### CAUSE AS TO PROPERTY—DOOR, ETC.

SECTION 39. No workman or other person shall knowingly injure a water-gauge, barometer, air-course, brattice, equipment or machinery, obstruct or throw open any air way, disturb any part of the machinery connected with the mine; open a door of a mine and neglect to close it, endanger the mine or those working therein; disobey any order given in pursuance of law, or do a wilful act whereby the life of persons working therein or the security of the mine or the machinery connected therewith may be endangered; and it shall be unlawful for any workman or person to place any refuse material or any obstruction in any part of the air-course or any part of the breakthrough, entries or rooms other than as by this act provided.

#### BLASTING IN MINES.

SECTION 40. When the time for blasting arrives, blasting shall be in rotation, beginning at the innermost working place in each entry. Immediately upon lighting blast, miners must notify the succeeding miners by shouting the word "fire."

#### RIDING LOADED CARS.

SECTION 41. It shall be unlawful for any employe, except employes in charge of such trip, to ride on any loaded trip of cars.

#### INTOXICANTS.

SECTION 42. No person shall go into, at, or around a mine, or the buildings, tracks or machinery connected therewith, while under the influence of intoxicants. No person shall use, carry or have in his possession, at, in, or around a mine, or the buildings, tracks or machinery connected therewith, any intoxicants.

#### SHALL PROP ROOF, ETC.

SECTION 43. Each miner or other person employed in the mine, shall securely prop the roof of the working place therein under his control, and shall obey any reasonable order, or orders, given by the superintendent or mine foreman relating to the security of the mine in the part thereof where he is at work. Such miner or other person, shall not be held to have violated the provisions of this clause if the owner, lessee or agent fails to supply the necessary props, caps and timbers as provided for in this act.

## SHALL NOT WASTE PROPS, ETC.

SECTION 44. Each miner, or other person shall avoid waste of props, caps, timber or other material. When he has props, caps, timber or other material unsuited for his purpose, he shall not cover up or destroy same, but shall place it near the track where it can be readily seen, and it must immediately be removed by the operator upon the request of the miner.

## INTENT TO DEFRAUD.

SECTION 45. No person shall erase or change a mark of reference or monument made in connection with measurements; change the checks or cars; wrongly check a car, or do any act with intent to defraud, and operator shall place stamp mark at end of each measurement in narrow work.

## SANITARY CONDITIONS.

SECTION 46. For the purpose of observing the best sanitary conditions possible in the mines of this State, no employe therein shall use any portion of the mine excavations as a water closet that is not at least twenty-five feet from any air current.

## PENALTY.

SECTION 47. Any person, firm or corporation violating any of the provisions of this act shall be guilty of a misdemeanor, and upon conviction shall be fined not less than ten dollars nor more than one hundred dollars, or be imprisoned in the county jail not exceeding thirty days, or both at the discretion of the court.

SECTION 48. All acts or parts of acts inconsistent with this act are hereby repealed.

## REGULATING THE OPERATION OF BOATS.

(Act No. 113 of the Public Acts of 1909 as amended by Act No. 69, Public Acts of 1911.)

AN ACT regulating steam vessels and vessels operated by machinery, navigating the waters within the jurisdiction of this state, excepting vessels which are subject to inspection under the laws of the United States, and providing penalties for the violation hereof, and to declare waters navigated by such vessels public and navigable waters of the State of Michigan.

## INSPECTOR, QUALIFICATIONS OF.

*The People of the State of Michigan enact:*

SECTION 1. The commissioner of labor shall be charged with the administration of the provisions of this act, shall employ an inspector who shall have had at least five years' experience as a licensed master or en-



gineer on steam vessels navigating the Great Lakes or any of their tributary waters, and who shall be otherwise properly qualified to enable the commissioner of labor to carry said provisions into effect, and shall exercise supervision over him in the performance of his duties.

#### DUTIES OF THE COMMISSIONER.

SECTION 2. The commissioner of labor shall annually or oftener if he has good cause to believe it reasonable, inspect or cause to be inspected every steam vessel or other vessel operated by machinery engaged in carrying passengers for hire, directly or indirectly, excepting vessels which are subject to inspection under the laws of the United States, examine carefully her hull, boats and other equipment, examine her engine and boilers, ascertain how long it will be safe to use the same, determine the pressure of steam to be allowed and to regulate the fusible plugs, safety valves and steam cocks as to insure safety and he may require such changes, repairs and improvements to be adopted and used as he may deem expedient for the contemplated route. He shall also fix the number of passengers that may be transported. He shall also, whenever he deems it expedient, visit any vessel licensed under this act, and examine into her condition for the purpose of ascertaining whether or not any party thereon having a certificate from him has conformed to and obeyed the conditions of such certificate and the provisions of this act. The owner, master, pilot, captain or engineer of such vessel shall answer all reasonable questions, and shall give all the information in his or their power in regard to said vessel, her machinery and the manner of managing the same. In case of damage by fire or by explosion, collision or stranding, or by means of an electrical apparatus he may investigate the cause thereof, and if found by him to have been occasioned by a violation of any of the provisions of this act or of the orders, regulations and requirements issued by him, he shall so certify to the prosecuting attorney of the county where such violation occurred, together with the names of the persons guilty thereof and the witnesses. All waters navigated by vessels subject to the provisions of this act are hereby declared to be public and navigable waters, subject to the jurisdiction of the State of Michigan.

#### BOILERS TO BE TESTED.

SECTION 3. The commissioner shall also test the boilers of all steam vessels carrying passengers for hire before the same shall be used, and at least once in every year thereafter. In subjecting to the hydrostatic test boilers called and usually known under the designation of high pressure boilers, the hydrostatic pressure applied must be in proportion of one hundred fifty pounds to the square inch to one hundred pounds to the square inch of the steam pressure allowed. In subjecting to the hydrostatic test that class of boilers usually designated and known as low pressure boilers, the commissioner shall allow as the working power of each new boiler a pressure of only three-fourths the number of pounds to the square inch, to which it shall have been subjected by the hydrostatic test and found to be sufficient therefor; but should said commissioner be of the opinion that such boiler by reason of its con-

struction or material will not safely allow so high a working pressure he may, for reasons specifically stated in his certificate, fix the working pressure of such boiler at less than three-fourths of said test pressure; and no boiler or pipe or any of the connections therewith shall be approved, which is made in whole or in part of bad material or is unsafe in its form or dangerous from defective workmanship, age, use or other cause. In addition to the hydrostatic test as herein provided, the commissioner may cause a hammer test to be made and an internal examination of such boiler or boilers so tested, whenever deemed necessary. Any boiler having been in use ten years or more may be drilled at the bottom of shell or boiler, and also at such other points as the inspectors may direct, to determine, the thickness of such material at those points, and the general condition of such boiler or boilers at the time of inspection and the steam pressure allowed shall be determined by such ascertained thickness and general condition of the boiler. He shall also see that all connections to the said boiler or engines are of suitable material, size and construction, and that the boiler, machinery and appurtenances are such as may be employed with safety in the service to be performed. He shall also satisfy himself that the safety valves are of suitable dimensions and that the weights of the same are properly adjusted so as to allow no greater pressure than the maximum amount prescribed by him, and that there is a sufficient number of gauge cocks, properly attached to the boiler so as to indicate the quantity of water therein, and suitable steam gauges to correctly show the amount of steam carried, and as to any other matter connected with such steam vessel or the machinery thereof that to said commissioner shall seem necessary to the safety of her passengers and crew, and he shall make such inspection, examination and test of naphtha launches and electric or gasoline launches and their apparatus and machinery as will enable him to determine whether they can safely be used in navigation.

#### DUPPLICATE CERTIFICATE, WHERE KEPT.

SECTION 4. The commissioner, if satisfied that such vessel is in all respects safe and conforms to the requirements of this act, shall make and subscribe duplicate certificates, setting forth the age of the vessel, the length, breadth and depth, the date of the inspection, the name of the vessel, the name of the owner, the master, the number of licensed officers and crew which he deems necessary to manage the vessel with safety, the number of boats and life preservers required and the number of passengers that she can safely carry, and if a steam vessel, the age of the boiler and the pressure of steam she is authorized to carry. One of such certificates shall be kept posted in some conspicuous place on the vessel if practicable, or kept in some convenient place on the vessel to be designated by the commissioner in the certificate, accessible to any one demanding it, and the other copy shall be kept by the commissioner and by him recorded in a book to be kept for that purpose. If the commissioner refuse to grant a certificate of approval, he shall make a statement in writing, giving his reasons for such refusal, and deliver the same to the owner or master of the vessel.

## PASSENGERS TRANSPORTED IN EXCESS OF.

SECTION 5. No greater number of passengers shall be transported upon any licensed steam vessel or other vessel included within the provisions of this act than the number allowed in the certificate of such vessel.

## CONSTRUCTION OF STEAM BOATS AND OTHER VESSELS.

SECTION 6. All steamboats and other vessels to which this act is applicable shall hereafter be so constructed that the woodwork about the boilers, chimneys, fire-boxes, cookhouses, stove and steampipes or any machinery or apparatus involving danger of fire, where such woodwork is exposed to ignition shall be so shielded by some incombustible material that the air may circulate freely between such material and woodwork or other ignitable substances, and before granting a certificate of inspection the commissioner shall require that all other necessary provisions be made throughout such vessel as he may judge expedient to guard against loss or damage by fire.

## STAIRWAYS AND GANGWAYS.

SECTION 7. Every vessel engaged in carrying passengers for hire shall be provided with permanent stairways and other sufficient means convenient for passing from one deck to the other, with gangways large enough to allow persons freely to pass, which shall be open fore and aft of the length of the vessel, and to and along the guards, and shall be kept unobstructed.

## RULES OF NAVIGATION.

SECTION 8. From and after the passage of this act the following rules shall be observed in navigating all steam vessels when under steam and all boats propelled by machinery on the waters within the jurisdiction of the state, excepting the waters which are under the jurisdiction of the United States.

First, When two steamboats are meeting end on, or nearly end on, so as to involve risk of collision, each shall alter her course to starboard, so that each may pass on the port side of the other after exchanging signals of one blast of the whistle;

Second, When two steam vessels are crossing so as to involve risk of collision, the vessel which has the other on her own starboard side shall keep out of the way of the other;

Third, When a steam vessel and a sailing vessel are proceeding in such directions as to involve risk of collision, the steam vessel shall keep out of the way of the sailing vessel;

Fourth, When by any of these rules one of two vessels is to keep out of the way the other shall keep her course and speed;

Fifth, Every vessel under steam when approaching another steamboat or small boat or vessel of any kind so as to involve the risk of collision, shall slacken her speed, or if necessary shall stop and reverse her engine, and every vessel under steam shall when in a fog go at a moderate speed;

Sixth, Any steam vessel overtaking another steam vessel shall keep out of the way of the last mentioned steam vessel;

Seventh, When two steam vessels are going in the same direction the stern steam vessel wishing to pass the other shall signal the forward steam vessel of her intention to pass on the port side by two distinct whistles, and to pass on her starboard side by one distinct whistle which shall be answered by the forward steam vessel with the same number of whistles, and the forward steam vessel shall keep on her course as though no signal had been given;

Eighth, Steamboats approaching each other shall, at not less than one hundred yards distance between each other, give a signal with one loud distinct whistle.

Ninth, When two steamboats are approaching each other, and, if the course of such steamboats is so far on the starboard side of each as not to be considered by the pilots as meeting end on or nearly so, or if the steamboats are approaching each other in such manner that passing to the right as in rule one is deemed unsafe by the pilot of either steamboat, the pilot so first deciding shall give two short and distinct blasts on his steam whistle, which the pilot of the other steamboat shall answer promptly by two blasts of his steam whistle, and they shall pass to the left on the starboard side of each other;

Tenth, When two steamboats are approaching each other and the pilot of either steamboat fails to understand the course or intention of the other whether from the signals being given or answered erroneously or from other cause, the pilot so in doubt shall immediately signify the same by giving several short and rapid blasts of the steam whistle, and if the boats shall have approached within one hundred yards of each other, both shall be immediately slowed to a speed barely sufficient for steerage way until the proper signals are given, answered and understood, or until the boats have passed each other;

Eleventh, When a steamboat is running in a fog or thick weather it shall be the duty of the pilot to cause a long blast of the steam whistle to be sounded at intervals not exceeding one minute;

Twelfth, Signals of distress shall be four distinct blasts of the whistle and shall be recognized by the master of any steamboat hearing the same, and he shall render such assistance as in his power;

Thirteenth, In construing these provisions due regard must be had to all dangers of navigation and to any special circumstances which may exist rendering a departure therefrom necessary in order to avoid immediate danger;

Fourteenth, Every steam vessel which is under sail and not under steam is to be considered a sailing vessel, and every vessel under steam or otherwise propelled by machinery, whether under sail or not, is to be considered a steam vessel;

Fifteenth, Every vessel not a steam vessel shall be provided with a suitable whistle with which to give the signals provided for in this section;

Sixteenth, Nothing in this act shall be construed to extend to any boat or lighter not being masted, or if masted and not decked, employed in the harbor of any town or city;

Seventeenth, All steamboats licensed under the provisions of this act

shall conform to and obey such other rules and regulations as the commissioner may prescribe, not inconsistent herewith;

Eighteenth, The commissioner and the inspectors provided for in this act are authorized to make further rules and regulations applying generally to all steamboats or especially to one or more of them, and on framing rules for the government of managers and employes of boats, the commissioner shall as far as practicable be governed by the general rules and regulations prescribed by the United States board of supervising inspectors of steam vessels;

Nineteenth, Every steam vessel or other vessel propelled by machinery, carrying passengers for hire on the waters within the jurisdiction of this state, shall have two copies of this section framed, one to be conveniently placed for the government of the pilot, and the other to be hung in a conspicuous place on the boat for the inspection of the passengers.

#### LIGHTS TO BE CARRIED.

SECTION 9. The master of every steamboat or vessel propelled by machinery when navigating between sunset and sunrise, shall cause the same to carry the following lights:

First, At the foremost head a bright white light of such a character as to be visible on a dark night with a clear atmosphere at a distance of at least two miles; and be so constructed as to show a uniform and unbroken light over an arc of the horizon of twenty points of the compass, and to be so fixed as to throw the light ten points on each side of the vessel from right ahead to two points abaft the beam on either side;

Second, On the starboard side a green light of such a character as to be visible on a dark night with a clear atmosphere at a distance of at least two miles; and be so constructed as to show a uniform and unbroken light over an arc of the horizon of ten points of the compass, and be so fixed as to throw the light from right ahead to two points abaft the beam on the starboard side;

Third, On the port side a red light of such a character as to be visible on a dark night with a clear atmosphere, at a distance of at least two miles; and be so constructed as to show a uniform and unbroken light over an arc of the horizon of ten points of the compass, and to be so fixed as to throw the light from right ahead to two points abaft the beam on the port side. The green and red lights shall be fitted with inboard screens projecting at least thirty inches forward from the lights, so far as to prevent them from being seen across the bow: Provided, That boats having no superstructure may use the combination lights;

Fourth, All boats not propelled by machinery shall carry a white light visible on a dark night with a clear atmosphere over the entire horizon when used upon waters where motor boats are being used.

#### FIRE APPARATUS TO BE CARRIED.

SECTION 10. Every steam vessel permitted by her certificate to carry two hundred passengers or upwards shall be provided with a good steam fire pump or other equivalent apparatus for throwing water, the same to be at all times during the navigation of such vessel kept ready for immediate use, having at least one hundred feet of hose of suitable size

and of sufficient strength to stand a pressure of at least seventy-five pounds to the square inch.

#### ROW BOATS TO BE CARRIED.

SECTION 11. Every ferry boat propelled by steam or electricity shall be provided with at least one substantial boat fifteen feet or more in length, properly supplied with oars and kept tight and in good condition at all times and so attached to such ferry boat that it may in case of need be launched into the water for immediate use. Every steamboat or vessel propelled by machinery and carrying passengers for hire, directly or indirectly, shall be provided, if of the measurement of two hundred fifty and less than five hundred tons burden, with at least two substantial row boats with life lines attached and properly supplied with oars and kept tight and in good condition at all times, and so attached as to be capable of being launched into the water for immediate use in case of need; and if of the measurement of five hundred tons or more, with at least one first-class life boat and one row boat twenty-five feet long by seven wide, capable of carrying or supporting fifty persons each, and at least one row boat of the usual size and construction, all to be properly supplied with oars and kept tight and in good condition at all times and so attached as to be capable of being launched into the water for immediate use in case of need. Every such vessel may also be required to carry such other boats as the commissioner on account of the route or the number of passengers shall deem requisite, and the master of such vessel shall exercise and discipline his crew in the launching, use and management of the boat until they become skillful boatmen.

#### LIFE PRESERVERS, NUMBER OF.

SECTION 12. Every steam vessel or vessel propelled by machinery used in the transportation of passengers for hire shall have a life preserver or life float for each passenger she is allowed to carry and for each member of her crew. At least one-half thereof shall be life preservers of a bouyancy not less than eighteen pounds, and the other half or part thereof may be life floats to be constructed of dry pine plank four feet long, two inches thick and twelve inches wide, with line properly attached in such manner as to be convenient for use; and it shall be the duty of the commissioner to satisfactorily ascertain that every life preserver and such life floats are as herein required. Such life preservers and life floats shall be kept in convenient accessible places in such vessel in readiness for immediate use in case of accident, and the places where the same are to be kept shall be designated in the commissioner's certificate and also pointed out by printed notices posted in such places as the commissioner directs. Every such vessel shall carry in convenient places at least ten buckets with dip lines attached, and three axes in good condition, but the inspectors may if they deem it necessary or proper require a larger, or in case of very small vessels, permit a smaller number of buckets and axes.

## SAFETY VALVE OF BOILERS, OBSTRUCTION OF.

SECTION 13. Whoever intentionally loads or obstructs or causes to be loaded or obstructed in any way the safety valve of the boiler, or employs any other means or device whereby the boiler may be subjected to a greater pressure than the amount allowed by the commissioner's certificate, or intentionally deranges or hinders the operation of any machinery or device employed to denote the stage of the water or steam in any boiler, or to give warning of any approaching danger, or intentionally permits the water to fall below the prescribed low water limit of the boiler, shall be guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not more than five hundred dollars, or by imprisonment for a term of not exceeding three years, or both in the discretion of the court having jurisdiction. If in the opinion of the commissioner of labor or inspector it is necessary to do so, the safety valve may be taken wholly from the control of all persons engaged in navigating such vessels and secured at the expense of the owner of the vessel by the commissioner.

## MASTER, PILOT AND ENGINEER, EXAMINATION OF, LICENSE, WHERE POSTED.

SECTION 14. Every person employed as master, pilot or engineer on board of a steam vessel or a vessel propelled by machinery, carrying passengers for hire shall, unless holding a license issued by a United States board of inspectors covering the class of vessels on which he is employed, be examined by the commissioner as to his qualifications, and if satisfied therewith he shall grant him a license for the term of one year for such boat, boats or class of boats as said commissioner may specify in such license. In a proper case the license may permit and specify that the master may act as pilot, and in case of small vessels also as engineer and pilot. The license shall be framed under glass and posted in some conspicuous place on the vessel on which he may act. Where it is impracticable to keep such license so posted it shall be kept on board accessible to any person demanding it. Whoever acts as master, pilot or engineer, without having first received such license, or upon a boat or class of boats not specified in his license, or owner, lessee or agent employing him, shall be liable to a penalty of fifty dollars for each day that he so acts, except as in this act otherwise specified, and such license may be revoked by the commissioner for intemperance, incompetency or wilful violation of duty.

## OIL.

SECTION 15. No licensed vessel carrying passengers for hire shall be allowed to use in lamps, lanterns or other lights on such vessel, any oil which will not stand a fire test of at least one hundred twenty degrees Fahrenheit.

## VESSEL NAME.

SECTION 16. Every vessel subject to the provisions of this act shall have her name and the port to which she belongs painted on her stern on a black background in white, yellow or gilt letters or on a white background in black, yellow or gilt letters of not less than three inches

in length. The commissioner may, however, in the case of small vessels, permit such names to be placed elsewhere and in letters of less length.

#### RECEIVING AND DISCHARGING PASSENGERS.

SECTION 17. No vessel carrying passengers for hire shall receive or discharge passengers by any method or means whereby any risk of drowning or other accident might be incurred, and the inspector shall prescribe such regulations, approved by the commissioner of labor as will make the receiving and discharging of passengers safe and convenient.

#### DANGEROUS ARTICLES NOT TO BE CARRIED ON LICENSED PASSENGER VESSEL.

SECTION 18. No loose hay, camphene, nitro-glycerine, naphtha, benzine, benzole, coal oil, crude petroleum or other like explosives, burning fluids or dangerous articles, shall be carried as freight or used in stoves on any steamer or vessel licensed to carry passengers under this act, except that refined petroleum which will not ignite at a temperature of less than one hundred twenty degrees Fahrenheit may be carried on the main deck of any vessel: Provided, The barrels or cases containing such oil are fully provided with a tarpaulin. Nothing in this section provided shall be construed to prevent any vessel of twenty tons burden or under which uses petroleum for fuel from carrying sufficient petroleum with which to replenish the fires and properly equip such vessel for use; said petroleum to be carried in metal cans or tanks, which shall be properly protected by a covering of wood or other substance which would equally protect from accident, and be approved by said commissioner, and to be conveyed from said cans or tanks to said fires through metal pipes.

#### QUANTITY OF STEAM TO BE GENERATED.

SECTION 19. No master, engineer or other person having charge of the boiler or apparatus for the generation of steam of any steamboat or vessel carrying passengers for hire, shall create or allow to be created any undue or unsafe quantity of steam in order to increase the speed of such boat or to excel another boat in speed. Any person violating the provisions of this section shall be guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not more than five hundred dollars, or by imprisonment for a term of not exceeding three years, or both in the discretion of the court having jurisdiction.

#### PENALTY.

SECTION 20. Every master, engineer or pilot who shall violate any of the provisions of this act shall be guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not less than twenty-five dollars nor more than two hundred fifty dollars, or by imprisonment not exceeding one year, or both in the discretion of the court having jurisdiction, unless a different penalty is prescribed.



## OWNER, RESPONSIBLE FOR.

SECTION 21. The owner of every steamboat or vessel shall be responsible for the good conduct of the master employed by him, and if any penalty incurred by such master is not paid by him and cannot be collected from him by due course of law, it may be recovered of the owner or owners jointly or severally of the steamboat or vessel in whose employ he was at the time of the incurring of such penalty, in the same manner as if such owner or owners were sureties of such master.

## LAWS TO BE POSTED.

SECTION 22. The master of every vessel carrying passengers for hire shall keep a copy of the preceding section of this act posted in a conspicuous place on such vessel for the inspection of all persons on board thereof.

## REPORT TO BE MADE BY THE COMMISSIONER.

SECTION 23. The commissioner shall, on or before the first day of January in each year, make a verified report to the governor, containing a detailed statement of the names and number of vessels examined and licensed, the names and number of vessels to which licenses were refused and stating the reasons for the refusal, the names and number of persons examined and licensed, the names and number to whom licenses were refused and stating the reasons therefor, and may include in such report any other information he may deem desirable.

## WHEN CERTIFICATES SHALL CONTINUE IN FORCE.

SECTION 24. All steam vessels, naphtha, gasoline and electric launches or any craft propelled by machinery carrying passengers for hire must comply with all the terms and provisions of this act, and with all orders, regulations and requirements of the commissioner. If any such vessel is navigated without complying therewith except as herein stated or without the requisite certificates of the commissioner, the owners and masters shall forfeit to the state of Michigan the penalties prescribed in this act, and the vessel so navigated shall also be liable therefor and may be attached and proceeded against in any court having jurisdiction. If any such vessel is deprived of the services of any licensed officer without the consent, fault or collusion of the master, owner or any person interested in the vessel, the deficiency may be temporarily supplied for ten days, until a licensed officer can be obtained: Provided, That only one unlicensed officer shall be so employed at one time to supply such deficiency. If the owner or master of any vessel shall, at least twenty days before the expiration of his certificate, notify the commissioner of such expiration and request a new inspection and certificate, the certificate then expiring shall continue in force until an inspection is made and such owners and masters are not liable for any of the penalties provided in this act on account of navigating said vessel without such new certificate.

## INSPECTION FEE, TO WHOM PAID.

SECTION 25. For each inspection provided for in sections two and three of this act the owner or master of each vessel shall pay the commissioner of labor an inspection fee, which shall not be less than five dollars nor more than twenty dollars, to be fixed by the commissioner of labor with reference to the size of the vessel inspected, which size shall be ascertained by some practical method adopted by the commissioner of labor for the use of the inspector. For each license issued under section fourteen of this act the person so licensed shall pay to the commissioner of labor the sum of five dollars: Provided, That boats of twenty-five feet length or less, and six feet beam or less shall be exempt from the provisions of this section. All of the fees received from this source shall be accounted for by the commissioner of labor to the state treasurer, and credited to the general fund.

## COMPENSATION.

SECTION 26. The inspector provided for in this act shall receive six dollars per diem for the time actually engaged in making the inspections and examinations provided for herein, and shall be paid necessary traveling expenses when making such inspections and conducting such examinations at other than the domicile of said inspector, to be paid out of the general fund not otherwise appropriated, upon vouchers presented to the auditor general.

## DEPUTY, WHO SO DEEMED.

SECTION 27. Any inspector duly employed by the commissioner of labor for the execution of any of the provisions of this act shall be deemed to be a deputy of said commissioner for the purposes hereof.

## PENALTY FOR ADDITIONS, INTERPOLATIONS OR ERASURES.

SECTION 28. Every master, pilot, engineer or operator licensed under the provisions of this act, who shall change, by addition, interpolation or erasures of any kind, any certificate or license issued by the inspector referred to in this act, shall for every such offense upon conviction be punished by a fine of not more than five hundred dollars or by imprisonment for a term of not exceeding three years, or both in the discretion of the court having jurisdiction.

## RECEIVING FEES, PUNISHMENT FOR.

SECTION 29. Any inspector who upon any pretense receives any fee or reward for his services, except that which is allowed to him by law, shall forfeit his office and be otherwise punished by a fine of not more than five hundred dollars or imprisonment not more than six months, or both in the discretion of the court having jurisdiction.

## SUPPLIES.

SECTION 30. The commissioner of labor shall procure for the inspectors such instruments, stationery, printing and other things necessary for his and their official use as may be required therefor under this act.

## SEARCHLIGHT, FLASHING OF.

SECTION 31. Any person who shall flash or cause to be flashed the rays of a searchlight into the pilot house or into the eyes of the master, pilot, engineer or operator of an approaching or passing vessel, shall be deemed guilty of a misdemeanor, and may, if he be a master, pilot, engineer or operator licensed under the provisions of this act, be further liable to have his license revoked in the discretion of the court having jurisdiction of the offense. Searchlights shall not be known as navigating lights.

SECTION 31a. This act is immediately necessary for the protection of the public safety.

## CERTIFYING FALSELY.

SECTION 32. Any inspector who wilfully certifies falsely touching any vessel under the jurisdiction of this state as to her hull, accommodations, boilers, engines, machinery or their appurtenances or any of her equipments, or any matter or thing contained in any certificate signed by him, shall be punished by a fine of not more than five hundred dollars or imprisonment for not more than six months, or both in the discretion of the court having jurisdiction of the offense.

## ACCIDENT, REPORT TO WHOM MADE.

SECTION 33. Within forty-eight hours after a vessel meets with an accident involving a loss of life or damage to property, it shall be the duty of the owner or the licensed officer in charge of such vessel to prepare a report setting forth the details of the casualty and swear to the same before an officer authorized to administer oaths generally, which report shall be forwarded by mail or otherwise to the commissioner of labor without delay.

## WITNESSES—OATHS.

SECTION 34. The inspector shall investigate all violations of the provisions of this act, and for such purpose shall have the power and is hereby authorized to subpoena witnesses and compel their attendance, and he may also administer all necessary oaths to any witnesses thus summoned.

## SUSPENSION OR REVOCATION OF LICENSE.

SECTION 35. In all cases where the issue is the suspension or revocation of a license, the accused shall be allowed to appear by counsel and to testify in his own behalf before the inspector.

## MAY APPEAL TO THE COMMISSIONER.

SECTION 36. Whenever the inspector refuses to grant a license to any person applying for the same, or suspends or revokes the license of any master, engineer, pilot or operator, any person deeming himself wronged by such refusal, suspension or revocation, may, within thirty days thereof on application to the commissioner of labor, have his case examined

anew by such commissioner; and the inspector shall furnish to the commissioner in writing the reasons for his doings in the premises; and such commissioner shall examine the case anew and he shall have the same powers to summon witnesses, and compel their attendance and to administer oaths that are conferred on the inspector; and such witnesses shall be paid in the same manner as provided for by section thirty-seven of this act; and such commissioner may revoke, change or modify the decision of such inspector; and like proceedings may be had by any master or owner of any vessel herein required to be inspected in relation to the inspection of such vessel or her boilers, machinery or other apparatus by such inspector.

#### WITNESS FEES AND TRAVELING EXPENSES.

SECTION 37. The state treasurer shall pay such fees to any witness summoned as provided by the preceding section for his actual and necessary travel and attendance as shall be officially certified to upon the back of such summons by the inspector or commissioner hearing the case, not exceeding the rate allowed for fees and to witnesses for travel and attendance in any circuit court of the state.

#### COMPULSORY EDUCATION OF CHILDREN.

(Act 179, Public Acts of 1917.)

AN ACT to amend sections one, three and four of act two hundred of the Public Acts of nineteen hundred five, entitled "An act to provide for the compulsory education of children, for penalties for failure to comply with the provisions of this act, and to repeal all acts or parts of acts conflicting with the provisions of the same," being sections five thousand nine hundred seventy-nine, five thousand nine hundred eighty-one and five thousand nine hundred eighty-two of the Compiled Laws of nineteen hundred fifteen.

*The People of the State of Michigan enact:*

SECTION 1. Sections one, three and four of act two hundred of the Public Acts of nineteen hundred five, entitled "An act to provide for the compulsory education of children, for penalties for failure to comply with the provisions of this act, and to repeal all acts or parts of acts conflicting with the provisions of the same," and acts amendatory thereof, being sections five thousand nine hundred seventy-nine, five thousand nine hundred eighty-one and five thousand nine hundred eighty-two of the Compiled Laws of nineteen hundred fifteen, are hereby amended to read as follows:

SECTION 1. Every parent, guardian or other person in the State of Michigan, having control and charge of any child between the ages of seven and sixteen years, shall be required to send such child to the public schools during the entire school year, and such attendance shall be con-

tinuous and consecutive for the school year fixed by the district in which such parent, guardian or other person in parental relation may reside: Provided, That in the following cases children shall not be required to attend the public schools:

(a) Any child who is attending regularly and is being taught in a private or parochial school such branches as are usually taught in the public schools to children of corresponding age, or who, upon the completion of the work in such schools, shall present satisfactory evidence to the county commissioner of schools, and in appropriate cases, to the superintendent of schools, that he has completed sufficient work to entitle him to an eighth grade diploma;

(b) Any child who has received an eighth grade diploma from the public schools;

(c) Any child who is physically unable to attend school. If the truant officer is notified of the non-attendance of any child at school, and he shall find the one in parental control claiming that such child is physically unable to attend school, the truant officer may secure a written statement of a competent physician, certifying that such child is physically unable to attend school;

(d) Children over fourteen years of age who have completed the work of the sixth grade whose services are essential to the support of their parents may be excused by the county commissioner of schools or city superintendent of schools from attendance at school, on the recommendation of the board of education of the district in which such children reside, and said board shall certify to the officers herein mentioned the facts in all such cases: Provided, Nothing in this act or any other act shall prevent children fourteen years of age or over from procuring a permit to work outside of school hours, during the school year;

(e) Children under nine years of age, whose parents do not reside within two and one-half miles, by the nearest traveled road, of some public school: Provided, That if transportation is furnished for pupils in said district, this exemption shall not apply;

(f) Any child twelve to fourteen years of age while in attendance at confirmation classes conducted for a period of not to exceed five months in either of said years: Provided, however, That any child claiming exemption from attending school under subdivisions (a) or (b) hereof, shall secure such permit as may be required under the statutes of Michigan covering the employment of minors, and shall be regularly employed at some lawful work if physically able so to do, or any child who has completed the work of the eighth grade who wishes to assist with the housework or farm work at home may be granted an excuse for such work. Such child must present to the officer who issued the excuse satisfactory evidence each month that he or she is actually assisting with said housework or farm work.

SECTION 3. (a) It shall be the duty of the school director of all school districts, except in city, graded and township districts, to provide the teacher, at the commencement of school, with a copy of the last school census, together with the names and addresses of the persons in parental relation, also address of the county commissioner of schools. The teacher shall, at the opening of school and at such other times as may be necessary, compare said census list with the enrollment of the

school and report to the county commissioner of schools the names of the parents or other persons in parental relation whose children of the ages hereinbefore mentioned are not in regular attendance at school, also the names of parents or other persons in parental relation who have children of school age not included in such census and who do not attend school;

(b) In all city, graded and township districts the secretary of the board of education shall, at the commencement of school, furnish a copy of the last school census to the superintendent of schools in such city, graded and township districts, together with the name and address of the truant officer under whose jurisdiction they act, and it shall be the duty of said superintendent at the opening of school to compare said census list with the enrollment of the school or schools, and from time to time as it may be necessary report to the proper truant officer the names and addresses of any parents or other persons in parental relation whose children of the ages hereinbefore mentioned are not in regular attendance at the public schools, also the names of parents or others in parental relation whose children are not in the school and whose names are not included in such census; it shall be the duty of the principal, or any other person or persons in charge of every private and parochial school in any city or township of the county at the opening of such schools to furnish to the said superintendent or county commissioner of schools the name, age and grade of the child and the city or number of the district, the township and county where the parent, guardian or person in parental relation resides and the name and address of the parent, guardian or other person in parental relation of every child who has enrolled in such schools, and from time to time to report to said superintendent or county commissioner the name, age and grade of the child and city or number of the district, the township and county where the parent, guardian or person in parental relation resides and the name and address of every child who has enrolled in such schools, and the name, age and grade of the child and the city or number of the district, the township and county where the parent, guardian or person in parental relation resides and the name and address of the parent, guardian or other person in parental relation of every child who is not in regular attendance in such schools;

(c) It shall be the duty of the truant officer of the city or district, whenever notified by the teacher, superintendent, or other person or persons of violations of this act, and the county truant officer, when notified by the commissioner of schools, to investigate all such cases of truancy or non-attendance at school, and if the children complained of are not exempt from the provisions of this act under the conditions named in section one, then he shall immediately proceed as it is provided in section four of this act: Provided, That it shall be the duty of the county truant officer when requested to do so by the county commissioner of schools to inspect the out-houses in primary districts and order repairs on the same, and in case the district board, after proper notification by the truant officer, fails to have such outhouses put in proper and sanitary condition it shall be the duty of the said truant officer to have such work done at the expense of the district;

(d) In case any parent or other person in parental relation shall fail to comply with the provisions of this act, he shall be deemed guilty

of a misdemeanor, and shall on conviction thereof be fined not less than five dollars nor more than fifty dollars, or imprisonment in the county or city jail for not less than two nor more than ninety days, or both such fine and imprisonment in the discretion of the court.

SECTION 4. (a) It shall be the duty of the county commissioner of schools to furnish the truant officer of the county, at the opening of the schools, with a list of the teachers and superintendents employed in his county in school districts other than in such city, graded and township districts as are described in section two of this act;

(b) In case any parent or other person in parental relation shall fail to send the child or children under his or her control to the public school, the truant officer, upon having notice from proper authority of such fact, shall immediately and within twenty-four hours thereafter give formal written notice in person or by registered mail, to the parent or other person in parental relation, that the child or children under his or her control shall present himself or themselves at the public school, except as hereinbefore provided, on the day following the receipt of such notice, with the necessary text-books for instruction in the proper school or schools of the district or city. Said notice shall inform the parent or other person in parental relation of the date that attendance must begin and that such attendance at school must be continuous and consecutive during the remainder of the school year as taught in the district. The truant officer shall, at the same time the said formal notice is given to the parent or person in parental relation, notify the teacher or superintendent or commissioner of the fact of notice, and it shall be the duty of the teacher or superintendent or commissioner to notify the truant officer of failure on the part of the parent or other person in parental relation to comply with said notice;

(c) It shall be the duty of all truant officers, after having given the formal notice hereinbefore described, to determine whether the parent or other person in parental relation has complied with the notice, and in case of failure to so comply he shall immediately and within three days after having knowledge or being notified thereof, make a complaint against said parent or other person in parental relation having the legal charge and control of such child or children, before any justice of the peace in the county where such party resides for such refusal or neglect to send such child or children to school; and said justice of the peace shall issue a warrant upon said complaint and shall proceed to hear and determine the same in the same manner as is provided by statute for other cases under his jurisdiction, and in case of conviction of any parent or other person in parental relation shall be punished according to the provisions of section three of this act: Provided, That in cities having a recorder's court and justices of the peace, the truant officer shall make the aforesaid complaint before the magistrate of said recorder's court or before a justice of the peace, and said magistrate or justice shall issue a warrant and proceed to hear and determine the case in the same manner as is provided in the statute for other cases under his jurisdiction;

(d) It shall be the duty of all school officers, superintendents, teachers or other persons to render such assistance and furnish such information as they may have at their command to aid such truant officer in the performance of his official duty.





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**MICHIGAN FREE EMPLOYMENT BUREAUS**

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## WORK ACCOMPLISHED BY THE TEN STATE FREE EMPLOYMENT BUREAUS.

Recognition of the fact that labor is one of the most perishable products offered for sale in any market, and that failure on the part of him who wishes to sell and him who desires to buy to promptly accomplish their related purpose and to exchange their commodities and their values necessarily means loss to both parties, led to the establishment of employment bureaus and employment agencies. Further thought of the direct interest of society as a whole and of communities and state in prevention of loss through lack of market facilities for labor brought about the establishment of State Free Employment Bureaus.

Act No. 37, Public Acts of 1905, directed the Commissioner of Labor to establish free employment bureaus in all cities in the state having a population of over 50,000 and authorizing the use of Labor Department funds for the purpose of advertising, not to exceed \$500 in any one year. Under the provision of this act two such bureaus were established, one in the city of Detroit, and one in the city of Grand Rapids, they being the only cities coming under the jurisdiction of the provisions of the Act. In 1907 further provision was made through legislative enactment for the establishment of free employment bureaus at Saginaw, Kalamazoo, and Jackson. In 1911 the Commissioner of Labor was authorized to establish five more free employment bureaus at Battle Creek, Bay City, Flint, Muskegon and Traverse City, but because of the fact that no funds were provided to meet the expenses required in connection with the operation of such additional bureaus the establishment and operation were not entered upon. The Legislature of 1915 created three more free employment bureaus, at Lansing, Bad Axe and St. Louis and provided additional appropriation for their maintenance.

All of these ten state agencies for the bringing together of the seekers for employment and those in need of temporary or permanent labor are now in the midst of increasingly successful operation.

Further recognition as to the success of the Michigan Free Employment Bureaus may be gleaned by the results of the work achieved from December 1, 1916, to November 30, 1917. During that period there were 37,805 applications from employers and 119,629 asked for by these employers. There were 38,632 new registrations, and 72,560 renewals from persons applying for work. Persons referred to positions for the year reached the enormous total of 111,192, and out of that number referred to positions there were 108,463 positions filled, which was 4,415 more positions filled than during the previous year.

The work of the ten Free Employment Offices from December 1, 1916, to November 30, 1917, is shown in detail in the following tables:

## MICHIGAN FREE EMPLOYMENT BUREAUS.

Number of positions secured for the year beginning December 1, 1916, and ending November 30th, 1917.

*Battle Creek Office.—Men.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Apprentices.....	4												4
Auto drivers.....									3				3
Auto repair men.....								2	2				4
Blacksmiths.....											1		1
Bookkeepers.....									4	1			5
Boys.....	2	1		3	4		3	2	10				25
Canvassers.....			2										2
Car checkers.....								1	5				6
Carpenters.....	2							12	9	40	10		73
Chefs.....										7			7
Cherry pickers.....								2					2
Cleaners.....	2	2		4	22	26	5						61
Clerks.....				1	1								1
Coal heavers.....	25	35	21	19	7	8	8	12	20	4	10		169
Cooks.....				2	1				4	21	15	2	45
Dishwashers.....	2	5	3		4	2	1	8	4			3	32
Ditchers.....						1							1
Drivers.....					4	3							7
Electricians.....								1	6	2	4	1	14
Express drivers.....									2				2
Factory helpers.....		4		5	13	25	5	109		87	35		283
Farm hands.....	2	4	6	12	9	11	11	79	36	21	45	25	261
Firemen.....						1							1
Foundry help.....										10	10		20
Gardeners.....							4	3					7
Grocery clerks.....									4				4
Handymen.....	4	4	8	6	8	22	4		9		15	25	105
Helpers.....	7	1			1	6	5		3				23
House men.....								5	10	3	10	5	33
Janitors.....		1	2	2	1	1			4		3		14
Kitchen helpers.....		1							4	15			20
Laborers.....	15	18	11	3	17	16	14	15	203	80	210	150	752
Laundry workers.....													119
Lawn workers.....							4		2				6
Lumber handlers.....	5								3	3			11
Machinists.....		1				7			8	3	25	10	54
Painters.....						5	2	6	3	4			20
Pipe fitters.....										3			3
Press feeders.....									1	4			5
Punch press men.....	1												1
Repair men.....	4					7							11
Roofers.....							1						1
Stable men.....										50			50
Stock men.....									2				2
Switchmen.....						1						1	4
Teamsters.....	1	1	1	1				4	2				10
Threshermen.....									6				6
Tool makers.....		1										3	4
Truck drivers.....				1									1
Waiters.....										19	11		30

*Battle Creek Office.—Men.—Continued.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Warehouse men .....							1						1
Window washers .....				2	3	4	1	1			2	15	28
Wood cutters .....											1		1
Yardmen .....	1												1
<b>Totals .....</b>	<b>77</b>	<b>79</b>	<b>54</b>	<b>60</b>	<b>95</b>	<b>146</b>	<b>69</b>	<b>262</b>	<b>371</b>	<b>377</b>	<b>407</b>	<b>359</b>	<b>2,356</b>

*Battle Creek Office.—Women.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Chambermaids .....				1							4	15	20
Cleaners .....			4	3	2	2							11
Clerks .....	1												1
Cooks .....	1	1		1	2	1	1		2	2	3	2	16
Day workers .....											11		11
Dishwashers .....		4			5		2						11
Domestics .....	1						1						2
Factory workers .....	2							3	9	10		50	74
House keepers .....	1	1	1		1	2			5	3			14
House workers .....	8	6	3	4	5	4	1	10	12	7	10	25	95
Laundresses .....	2	2		4		1				2	2	10	23
Machine hands .....											2		2
Nurse maids .....			1	1	2								4
Salesladies .....											4		4
Scrub women .....										2		2	4
Stenographers .....	1				1					1		1	4
Waitresses .....					1				3		7		11
<b>Totals .....</b>	<b>17</b>	<b>14</b>	<b>9</b>	<b>14</b>	<b>19</b>	<b>10</b>	<b>5</b>	<b>13</b>	<b>31</b>	<b>27</b>	<b>43</b>	<b>105</b>	<b>307</b>

## DEPARTMENT OF LABOR.

*Bay City Office.—Men.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Apprentices.....										2			2
Bell boys.....		5											5
Boat men.....					5								5
Bookkeepers.....									1				1
Carpenters.....	1		2										3
Chauffeurs.....											4		4
Chefs.....											2	2	4
Clerks.....	3		3	3		6		4	5	1	3	12	40
Construction workers.....								14					14
Cooks.....	3				2	3	3			2			13
Day workers.....									5	12	8	5	30
Demonstrators.....					4								4
Electricians.....										2			2
Engineers.....	1	1	2		1	1							6
Factory helpers.....	28			19		14	21	15	30	28	42	47	244
Farm hands.....	9	6	9	19	19	18	18	23	22	10	11	5	169
Firemen.....		4						2					7
Foundry help.....					5								5
Laborers.....	39	17	36	11	13	23	22	19	24	24	22	43	293
Machinists.....			6	5	10	11		6					38
Meat cutters.....										2			2
Messengers.....		2	2		1			1					6
Office work.....											6		6
Porters.....	7	4	2				3					4	20
Railroad men.....										4	3	11	18
Ship carpenters.....								1				6	7
Solicitors.....										1			1
Teamsters.....								3					3
Waiters.....			2										2
Watchmen.....					1								1
Woodsmen.....	15	10								2	4	10	41
Totals.....	106	49	64	57	61	77	67	88	87	90	105	145	996

*Bay City Office.—Women.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Bindery workers.....											2		2
Bookkeepers.....					1								1
Chambermaids.....								2		3	5		10
Clerks.....									2	5			7
Cooks.....		2	2	1		2				5	4	2	18
Day workers.....	5	4	5	4	6	5	7	2	2	7	2		49
Dishwashers.....						3		1					4
Domestics.....	6			5			1	3	3		4		22
Factory workers.....		2									4	9	15
House keepers.....		1	1										2
House work.....		1	1		2							8	12
Nurses.....								1					1
Office helpers.....												2	2
Solicitors.....											1		1
Stenographers.....								1	2			1	4
Telephone operators.....			1										1
Waitresses.....	6	2	2	2					1				13
Totals.....	17	12	12	12	9	10	8	10	10	20	22	22	164

*Detroit Office.—Men.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Acetylene welders		1					1	2	6				10
Acme operators	3			2									5
Assemblers			4	22	37	5	8		1				77
Auto drivers								4		11	6	16	37
Auto repair men	4												4
Bakers							4	11	14			3	32
Barn men	4	3	3	2	4	3	2		12				33
Belt men			3	1									4
Bench hands			15	5	45	4	9	4	26	3	3	10	124
Bill distributors										12	6	4	22
Blacksmiths	2	3	2	2	3	7	6	5	18	5		4	57
Blasters					2								2
Boiler makers					5								5
Boiler operators	8		17	10		4	8						47
Boys	31	35	24	50	109	125	39	48	46				507
Brass moulders			6										6
Brick layers		2					12		11				25
Buffers	2		7										9
Bus boys										8	13		21
Butchers							2						2
Cabinet makers		2	4						2				8
Carpenters	17	49	28	24	56	23	55	39	112	55	23	80	561
Clerks	1		2	2	3		6			8	24	21	67
Coal miners	4				11			75	21	38	15	40	204
Cooks		6	4	14		15	19	26	10	29	15		138
Die makers				2			2		3				7
Dishwashers	30	84	85	130	244	237	172	140	130	110	45	47	1,454
Draftsmen							14						14
Drill press men		1	6	4	77	18	34	20	43	67	26	17	313
Divers					4								4
Druggists									1				1
Dry goods packers									20	50	44	28	142
Electricians	1	3	2	1	4	1	3	5	2				22
Elevator men	1			2		2		7		4	7		23
Engineers			4	2	4	2	3	2	1	5		14	37
Express handlers									10	116	64	61	251
Farm hands	20	31	81	93	271	238	323	605	309	118	176	37	2,302
Firemen	10	4	15	8	19	15	40	20	31	28	20	32	242
Fishermen				5									5
Furniture packers										19	10		29
Gardeners	6				9	29	6	5	13				68
Gear cutters							4						4
Grinders		12	20	6	29		23	9	14	6	4		123
Handy men	192	145	120	218	338	453	281	143	64	54	167	112	2,287
Harness makers									1				1
Inspectors	2	16						3	4				25
Iron workers									5	18	8	8	39
Janitors	3	10	11	9	9	12	5	9	4	13	3	20	108
Laborers	2,323	3,002	2,004	2,770	5,476	4,315	5,000	5,000	4,192	4,571	3,276	3,227	45,156
Landis grinders					43								43
Lathe hands	3		10	9	27	15	12	12	17	8		43	156
Laundry men													13
Locksmiths								6	3				9
Machinists	5	20	29	29	148	37	26	23	31	26	138	29	541
Messenger boys										27	41	9	77
Metal polishers										11	1		12
Mill wrights	7	2	8	1	25		2	6	3				54
Moulders													12
Office work									1				1
Oilers				1	11								12
Painters	6	11	14	10	18	34	4	8	23	22	8	37	195
Paper hangers				3		2			1				6
Pattern makers				2									2
Pin setters										17	10	8	35
Planers									10				10

## DEPARTMENT OF LABOR.

## Detroit Office.—Men.—Concluded.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Plasterers.....		3		1			5	7	1	15	19	20	11
Plumbers.....		2						9					78
Polishers.....			4			1							5
Porters.....	11	7	20	47	24	37	16	33	19	23	5	16	258
Power machine hands.....				4									4
Press feeders.....								3	23				26
Punch press hands.....		5			85	3			22				115
Repair men.....			6				17						23
Rip sawyers.....				1									1
Riveters.....						1							1
Roofers.....						2		6	2	17	10	42	79
Sailors.....									12	41	27	35	115
Sanders.....			4										4
Sheet metal workers.....	16				63	10	13		1				103
Ship builders.....										27			27
Solders.....	1	9											10
Spot welders.....						1							1
Steam fitters.....	5	14	8		3	4	13	8	19	30	44	45	193
Stenographers.....				2		6			1				9
Sticker hands.....					7								7
Stock keepers.....								17	10				10
Switchmen.....													17
Teamsters.....	106	121	120	87	139	114	154	95	106	133	235	157	1,567
Time keepers.....				3		14		3					20
Tinsmiths.....				2					3	6	2	4	17
Tool makers.....	6	8	7	3	24	1	4		118				171
Track foremen.....										4			4
Typists.....						2							2
Upholsterers.....			3							4			7
Varnish rubbers.....									6				6
Waiters.....	5	2	4	2	4	4		11	7	9	17	2	67
Watchmen.....	6	9	6	3	18	22	7	8	8	11	7	13	118
Wood turners.....				1				6					7
Woodworkers.....									29				29
Totals.....	2,841	3,622	2,710	3,595	7,398	5,818	6,354	6,434	5,618	5,779	4,519	4,266	58,954

## Detroit Office.—Women.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Chambermaids.....	5	11	6	7	11	5	9	4	8				66
Cleaners.....									67	121		18	206
Clerks.....										1	6	4	11
Cooks.....	4	5	1			5	3	7	9				34
Dishwashers.....	7	6		11		15	33	24	7	16		6	125
Distributors.....										19			19
Domestics.....	13	6	8	13	4	43	11	9	5	3	10	15	140
Factory help.....	12	3	11	14	14	11	5	6	2	6	23	15	122
House keepers.....		3		6		8	3	3	5	5	4	6	43
Janitresses.....	1		4	3					2				10
Kitchen help.....	5	4	15	4	14	2			7				51
Laundresses.....	166	234	131	203	130	148	125	150	130	125	67	46	1,655
Office help.....						3							3
Scrub women.....	115	129	121	95	168	118	100	222			53		1,121
Stenographers.....		1			2								3
Telephone operators.....		1							4				5
Typists.....								1					1
Waitresses.....	6	5		5	10	8		20			3		57
Totals.....	334	408	297	361	353	366	289	446	246	296	166	110	3,672



Flint Office.—Men.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Agents.....									2	3	2	1	8
Amateur actors.....									1		4		5
Apple pickers.....								1	1		7	2	10
Apprentices.....								1	1	1	1	1	5
Assemblers.....								1	2		2	2	7
Auto repair men.....					150	3							153
Bakers.....									2	3	2		8
Barbers.....									5	3		1	11
Bell hops and buss boys.....									3	3	4	3	17
Bookkeepers.....									1	2		4	8
Brick layers.....	3			5	21	5	10	2	1	2	4	2	55
Brick makers.....									1	3	1	14	21
Butchers.....									1	5	2		9
Carpenters.....	23	6	17	12	12	8	6	12	33	13	14	12	168
Cement workers.....						50		46	6	9	35	29	175
City laborers.....			25	65	167	116		14	10	28	58	82	565
Clerks.....								1	1				4
Coal handlers.....								1	7	11	11	18	48
Coal miners.....								1	2		2	1	6
Cooks.....								2	1	2	2		8
Core makers.....									1	4		1	6
Curb setters.....										3		2	7
Demonstrators.....									1		3	1	5
Dishwashers.....								2	4	4	1	2	13
Drivers or chauffeurs.....								2	3	2	9	2	18
Electricians.....					5			4	1	1	2	1	14
Elevator operators.....								3	1	2	1	1	8
Engineers.....	1	1							1		1	1	5
Factory workers.....		40	14					15					69
Farm hands.....	17	12	44	100	167	172	119	170	174	78	58	17	1,128
Firemen.....						1			2			6	9
Flagmen.....								1	1				3
Fundrymen.....											3	2	5
Furnacemen, builders and caretakers.....											6	2	9
Garagemen.....		2		4					3		2	2	13
Gardeners.....								28	20	3	3	1	55
Grinders.....													1
Hammermen, factory.....										17	1	3	21
Handy men.....								17	43	21	51	23	155
Harness makers.....								1	1	1		1	4
Ice men.....		180						6	12	3		4	205
Inspectors.....								2	2	1	6	1	12
Ironworkers.....								2	4	2	11	4	23
Janitors.....								2	4	4	13	4	27
Laborers.....	614	165	194	346	324	234	433	281	307	277	431	123	3,729
Lathers.....								4	5	3	8	2	22
Locksmiths.....								1	1	2			4
Lumber handlers.....								3	3	5	18		30
Machinists and machine operators.....			6			10	6	4	4	7	6	47	90
Masons and masons' helpers.....		6		10				3	14	16	30	6	85
Messengers.....								2	2	2		1	7
Metal finishers.....								1	2	1		1	5
Milkers.....								3	1	2	2	1	9
Millwrights.....								2	1	4	2	2	11
Molders.....								1	1	2	2	1	7
Oilers.....								1	1		3	2	7
Operators, telephone and telegraph.....									2			1	3
Painters and decorators.....	2			9		7		6	5	7		2	38
Pattern makers.....								1	1	1		1	4
Plasterers.....	4				5			2	7	5		2	25

## DEPARTMENT OF LABOR.

*Flint Office.—Men.—Concluded.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Plumbers and steam fitters								6	3	5		2	16
Polishers and buffers								1	1			1	3
Porters								4	3	1		1	9
Printers								1	1				2
Repair men, machine									1	4		1	6
Roofers								3	6	2			11
Salesmen								1	1			1	3
Shoemakers								1	1	1			3
Teamsters	9	5	12	4	10	10	8	19	5	16	19	2	119
Tinsmiths								2	2			1	5
Trimmers, auto and carriage bodies								3	2			1	6
Truckers						12	4						16
Ushers								1	2				3
Waiters								2	2		1		5
Washers: laundry, factory								4	1				5
Watchmen								6	3	4	1		14
Well diggers								2	2				4
Wheelwright, auto and wagon								3	6			6	15
Wiremen, linemen and cablemen						100	30	12	7	1			150
Totals	673	417	312	555	861	728	616	735	772	592	860	456	7,577

*Flint Office.—Women.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Bookkeepers								4		2	2	2	10
Chambermaids	8	6	8	20	10	6	6	3	15	14	17	14	127
Clerks	5		6		5		5	3	8	4	5	3	44
Cooks						4		8	8	4	3	3	30
Day workers								11	11	15	11	10	58
Demonstrators											8		8
Dishwashers		8						8		5		3	24
Domestics	41	45	20	40	37	18	14	31	21	34	45	42	388
Factory workers					10	15		3		2	3	1	34
Farm hands									7				7
Hotel workers							2						2
House keepers			4						6	2	2	2	16
Janitresses										1	2	1	4
Kitchen help	6									3	6		15
Laborers									21				21
Laundresses						3		7					10
Nurses										2		1	3
Office help										2	1		3
Saleswomen										1	1		2
Seamstresses										1		1	2
Solicitors										1	1		2
Stenographers								1	3	2	1		7
Telephone operators										3		1	4
Waitresses	3	10	14	26	18	28	21	20	11	12	8	2	173
Washwomen	12	5	16	9	7	10	11						70
Totals	75	74	68	95	87	84	59	99	111	110	116	86	1,064

*Grand Rapids Office.—Men.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Agents.....										1			1
Apprentices.....	1	3	2	3		1							10
Auto helpers.....									2	3		2	7
Barn men.....										1			1
Bell boys.....									8	4	1		13
Blacksmiths.....		1				1				1			3
Bookkeepers.....											2		2
Boys.....										26	21	22	69
Brick layers.....	1							2	2				5
Cabinet makers.....	2	4	1	8	9	8	6	2		6	6	2	54
Carpenters.....	5	2	2	7	6	9	5	2	7			5	50
Chauffeurs.....			1			3							4
Clerks.....				1			2		1				4
Cooks.....		1		1	1			2	5	6	1	1	18
Coopers.....		2		1						10			13
Dishwashers.....		2	1	3	5	7	9	5	7	4	2		45
Electricians.....		2	1										3
Elevator operators.....									2	2	1		5
Engineers.....			1	1				1					3
Factory workers.....	14	12	7	3	12	15	5	21	70	32	60	32	283
Farm hands.....	16	18	37	50	48	39	35	62	31	34	113	54	537
Finishers.....	8	16	6	12	11	14	17	3					87
Firemen.....	10	8	8	5	1	2	1	9	13	10	8	15	90
Foremen.....			2							1	1		4
Gardeners.....				1									1
Gluers.....				2	1	3	2						8
Hand carvers.....			1										1
Janitors.....	3	2	3	3	10	4	2	1		1	1	1	32
Laborers.....	397	408	310	425	672	689	563	537	628	453	504	371	5,957
Laundrymen.....											2	21	23
Machinists and machine operators.....	7	13	28	25	13	21	16	5	20				148
Meat cutters.....								1					1
Molders.....				4	4	4	2						14
Nurses.....	1			1						3	2	2	9
Oilers.....				1						1	2	1	5
Packers.....	8	15	6	2	6	16	3	10	9	7		1	83
Painters.....	1	2	1	3	5	5	5	4	4	6			36
Pattern makers.....				1									1
Porters.....	4	5	6	11	5	8	10	13			8	7	77
Roofers.....											2		2
Sheetmetal workers.....	1				3								4
Solicitors.....					2								2
Steam fitters.....			3	2									7
Stone masons.....					1					3			4
Teamsters.....	17	26	11	10	11	17	14	14	12	19	24	3	178
Tinsmiths.....											3		3
Waiters.....	3	2		1			4		6	3	3		22
Watchmen.....									3	1	1		5
Welders.....			1										1
Wiremen, linemen and cablemen.....		1											1
Wood cutters.....											6	5	11
Totals.....	499	545	439	587	828	866	701	694	831	638	774	545	7,947

## DEPARTMENT OF LABOR.

*Grand Rapids Office.—Women.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Chambermaids.....		2	3	3	2	2	3	3	1	3		3	25
Cooks.....				2		1	2	3	4	3	1	1	17
Day workers.....	46	78	45	62	90	94	54	87	52	52	67	41	768
Dishwashers.....	5	13	9	12	12	15	13	16	18	9	8	4	134
Domestics.....	9	9	3	5	4	4	2	6	8	19	14	17	100
Factory workers.....	6	8	12	11	5	6	3	3	17	14	20	10	115
Grocery clerks.....		1		2							5		3
House keepers.....											5		5
Laundresses.....									1	1	1	2	5
Nurses.....			1						1	1	1	1	5
Office work.....									1	1			1
Stenographers.....										1			1
Waitresses.....		1	2		2	2	2	7	8	5	4	2	35
Totals.....	66	112	75	97	115	124	79	125	110	108	122	81	1,214

*Jackson Office.—Men.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Apple pickers.....										9			9
Assistant sawyers.....						1							1
Attendants.....			1		1	2						2	6
Auto repair men.....			3	1		6				2	2		14
Baggage men.....					3	10	14		1	1			29
Bakers.....	1		2	2		1	1		1			1	9
Bill peddlers.....		3											3
Blacksmiths.....		2			1								3
Blasters.....							2						2
Bottlers.....									1				1
Boys.....		2	2	2	2		2	5					15
Bus boys.....					2					2			2
Car checkers.....					1								1
Caretakers.....				2	2	4							8
Carpenters.....				2	2	2			1	1	7	10	23
Car washers.....					5								5
Cement workers.....	2	2		3	2		2	16	12	2	4		45
Cistern cleaners.....			3	3									6
Chauffeurs.....					2		1	1					4
Clerks.....		3				3		1	1	1	4		13
Coal heavers.....	47	57	58	74	73	43	54	96					502
Cooks.....		1			2	3	2	2				1	11
Counter men.....	6				4								10
Delivery men.....	4	2		1	3								10
Dishwashers.....	4	5	9		9	15	13	2	8	3	10	1	79
Distributors.....	4						2						6
Ditch diggers.....								8	13	7	13		41
Door tenders.....		1											1
Drill press men.....												3	3
Electricians.....									1				1
Elevator operators.....					1					1			2
Engineers.....						1							1
Errand boys.....			2										2
Express men.....		2											2
Factory hands.....	8		4	23	10	10	8		15	21	44		143
Farm hands.....	18	19	22	35	53	69	59	130	51	24	69	71	620
Firemen.....			1	3	1	9	3	2		2	1	3	25
Freight handlers.....		2											2
Furnacemen, builders and caretakers.....											2		2
Garagemen.....								2					2
Gardeners.....									1	1	4	3	9
Glazers.....												2	2
Grinders.....		11										1	12
Hall men.....					2								2
Handy men.....	74	73	68	110	220	315	226						1,086
House cleaners.....									34	25			59
Ice men.....		20	17										37
Janitors.....	2	2	1	5	5	5		5		1	5	5	36
Kitchen helpers.....	2		1	13	4	2							22
Laborers.....	143	113	118	196	237	240	180	193	248	145	227	299	2,339
Lawn mowers.....								25	9	9			43
Lathe men.....							2	5				1	8
Machinists and machine operators.....	4	2	1		9	2	7		14		27		66
Masons and masons' helpers.....				3		6		8					17
Office boys.....	1	1	3		4					2		1	12
Painters and paper hangers.....					2	5	6		2	1		7	23
Pipe fitters.....									4				4
Plumbers' helpers.....													3
Porters.....				3		3			1		2	2	11
Roofers.....		6		3	3					2			14

*Jackson Office.—Men.—Concluded.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Salesmen.....					1								1
Section hands.....							4	2					7
Shinglers.....									2				2
Sluicing.....												4	4
Solicitors.....	4			2									6
Special officers.....						1							1
Stenographers.....				1	1								3
Structural workers.....	2	6			4		1				14		26
Switchmen.....												1	1
Teamsters.....	15	11	12	13	15	20	6	4	10	8	19	8	141
Tinsmiths.....												1	1
Tree trimmers.....				3									4
Truckers.....		10	9	6	15	9	16	1			21		86
Waiters.....	5			1						1	10		18
Warehouse men.....									1				1
Watchmen.....					1	2					7		10
Wiremen, linemen and cablemen.....								3	1	3		2	9
Whitewashers.....					2								2
Wood cutters.....	2	10	6									6	24
Yardmen.....		2	9	7	4	2	4	1	1		8	3	41
Totals.....	348	368	352	515	708	791	615	512	435	272	500	441	5,857

*Jackson Office.—Women.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Assistant matron.....						1							1
Attendants.....						1							1
Buss girls.....				1	1								2
Canvassers.....			2	3	2				1				8
Chambermaids.....		3	3	3		5	10	4			9		37
Clerks.....	4		2	2	1	2					2		13
Companions.....				4		2	13						19
Cooks.....	2			2		3	7	5	3				22
Day work.....	26	33	41	61	51	71	44	34			41	3	405
Dishwashers.....	5	9	4	6	2	6	7	1	8	5	8	8	69
Domestics.....	11	20	16	27	13	10	42				17		156
Factory workers.....	2		2	2	4	1	4	5	5				25
Governesses.....						4	3						7
House cleaners.....								20	24	38		21	103
House keepers.....	6	5	4	3	8	13	10		14	4			92
Ironers.....												3	3
Janitresses.....								1					1
Kitchen help.....	10	3	6	2	4	9	9	2			4	3	52
Laundresses.....	59	63	58	69	96	81	68	59	54	80	44		731
Maids.....	2	10	7	7	7	3	11						47
Nurses.....	3	2	2	4	5	3	2					4	25
Nurse maids.....		1		1		3		1	1				7
Office help.....		1			2		1	1			4		11
Pantry girls.....							2					3	5
Printing office help.....								1					1
Seamstresses.....	2				1	2	1						6
Second girls.....		3	4	22	4	1	13						47
Stenographers.....						3	2		1	1			7
Telephone operators.....	2							4				3	9
Waitresses.....	4	5	2	16	8	2	11	4	11	9	14	2	88
Washwomen.....												27	27
Totals.....	138	158	153	234	209	228	260	142	121	137	143	104	2,027

*Kalamazoo Office.—Men.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Apprentices.....	1												1
Bell boys.....	4				2	1							7
Canvassers.....		3		2									5
Carpenters.....				2									2
Cleaners.....		8	1	20	40	31	12	2	6	11	4	3	283
Clerks.....				2									2
Cooks.....			1						3	8	6	7	25
Engineers.....						2							2
Errand boys.....	1												1
Factory hands.....								8	32	27	42	21	130
Farm hands.....	17	40	42	67	45	45	50	108	198	177	183	137	1,109
Firemen.....			2		1								3
Grape pickers.....											109		109
Hotel help.....			4					5					9
Janitors.....	2	5	5	16	4	3	7		2	3	3	4	54
Laborers.....	150	219	160	235	240	260	235	126	411	189	170	135	2,530
Machinists and machine helpers.....									4	5	4	2	15
Molders.....									3	6			9
Porters.....	6	6	3	4	8	15	8				6	4	60
Shipping clerks.....					2								2
Teamsters.....	12	2	12	12	4	4	3	4	5	6	7	5	76
Waiters.....					2	1	1						4
Watchmen.....											2	3	5
Totals.....	193	283	230	360	348	362	316	253	664	478	561	321	4,369

*Kalamazoo Office.—Women.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Chambermaids.....	6	10	8	16	5	15	5		10	7	5	8	95
Cleaners.....	6	1	2	1	3	4	12						29
Companions.....		1											1
Cooks.....	2	2	3	6	4	2	4		6	4		4	40
Day work.....								16	20	29	32	23	120
Dishwashers.....			6				5						11
Domestics.....	20	35	18	22	20	18	20	17	8	8	8	10	204
Factory workers.....										12	9	6	27
Grape pickers.....											27		27
Hotel work.....	3	6		18	11	11		5					54
Housekeepers.....				3	2		1		4	10	6	5	31
Laundresses.....	6							9	4	8	13	8	48
Nurses.....									2				2
Stenographers.....								1					1
Waitresses.....	7	6		2	1		5						21
Totals.....	50	61	37	68	46	59	52	48	54	78	103	64	711

*Lansing Office.—Men.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Assemblers									4				4
Bench hands				1	5	8	15						29
Blacksmiths	1												1
Bookkeepers								6					6
Boys								1					1
Canvassers								4					4
Carpenters				1		6		3	10	44	63	41	168
Cement workers									43	33			76
Chauffeurs					3				15				18
Clerical work	2										39	27	68
Clerks								2	1				3
Cooks										53	8	9	70
Core makers		1											1
Crankshaft grinders	1												1
Dishwashers	1												1
Distributors		2	1										3
Electricians										8			8
Enamellers											9	8	17
Engineers									2				2
Factory hands	4									97	74	62	237
Farm hands		4	2	3	15	10	16	153	74	39	42	47	405
Grinders				1									1
Inspectors		5											5
Laborers	37	71	47	44	124	120	80	137	121	228	103	146	1,258
Landis grinders		2											2
Lathe hands		1		1									2
Lathers								2					2
Machinists and machine operators	1				2		10	6	60		113	86	278
Masons and mason tenders					1						21	13	35
Messengers				1									1
Metal polishers		5											5
Millwrights				1						4			5
Miscellaneous									11				11
Moulders		1											1
Office help			1						23				24
Painters		1							9	9	27	19	65
Punch press operators	7												7
Repair men								1	3				4
Road testers	3	1											4
Shipping clerks	1												1
Steam fitters	3												3
Teamsters	1		1		4			4	8	12	22		52
Time keepers								1					1
Tool makers and grinders		2											2
Trimmers												13	13
Truckers				4		12							16
Waiters										47	14	11	72
Watchmen	2			2	2		5	1					12
Wiremen, linemen and cablemen		1											1
Yardmen	1												1
Totals	65	97	52	59	156	156	126	321	384	574	535	482	3,007



*Lansing Office.—Women.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Bookkeepers.....								1					1
Canvassers.....								4					4
Chambermaids.....								4	4		13	9	26
Clerical work.....											21	35	56
Cooks.....	1	1						1	3		34	26	66
Day work.....								5					5
Dishwashers.....									3				3
Factory work.....						8				12	27	19	66
House maids.....										12			12
House work.....			2		1		10	9	14		11	10	57
Kitchen help.....					14					11			25
Office assistant.....			1						13	5			19
Salesladies.....		1											1
Stenographers.....			1										1
Waitresses.....									5	13	29	22	69
Totals.....	1	2	4		15	8	10	20	42	53	135	121	411

*Muskegon Office.—Men.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Agents.....				1			4						5
Carpenters and cabinet makers.....	2	1	2	2	6	7	1						21
Chauffeurs.....								2	3				5
Clerks.....								2		4	1		7
Cooks.....								1			1		2
Deck hands.....											1		1
Electricians.....												1	1
Engineers.....				2	1						1		8
Factory hands.....	1	3			1								5
Farm hands.....	2	1	1	2	6	8	10	38	29	7	19	6	129
Firemen.....			2						2			1	5
Hotel help.....	1	4	2	2	1	2	6	6	7	2	1		34
Laborers.....	81	109	66	83	52	76	84	19	64	45	44	88	811
Machinists and machine operators.....	1	6	5	15	18	21	12						78
Moulders.....			1	3		4							8
Office workers.....		4	2	2	3	3							14
Painters.....		4				2	2						8
Saw mill hands.....								10					10
Stenographers.....									2				2
Tanners.....		5											5
Teamsters.....		1	1	3	2								7
Time keepers.....											1		1
Tool and die makers.....			1			2							3
Waiters.....										1	4	2	7
Watchmen.....			3		2								5
Totals.....	88	138	86	115	91	125	119	108	150	118	148	175	1,401

*Muskegon Office.—Women.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Cooks.....										1			1
Day workers.....	14	8	6	4	9	6	8						55
Domestics.....	3	5	1	2	1	4	3						19
Factory hands.....		12				1		10	3	15	19	22	72
Hotel help.....	1	6	7	6	2	3	1		5				37
House work.....								7	11	16	3	3	64
Waitresses.....									1		4	3	8
Totals.....	18	21	14	12	12	14	12	17	20	32	45	39	256

*Saginaw Office.—Men.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Auto drivers.....										7	2	2	11
Barn men.....	6	4	3								4		17
Bell boys.....											2	3	5
Blacksmiths.....										2			2
Boiler makers.....									6				6
Carpenters.....	1	1	2	4	3	4	4	3	2	3	2	2	31
Clerks.....	2	2	1	1		1	1	2					10
Coal heavers.....	49	46	38	44	69	54	29	24	27	31	29	29	469
Cooks.....	2	1	1	2	1	1	1						9
Delivery boys.....												2	2
Engineers.....		1			1								2
Express handlers.....	6	2		3		3		5	5	7	11	4	46
Factory hands.....	19	16	14	11	14	16	11	21	9	21	31	28	211
Farm hands.....	96	79	69	173	198	192	186	142	132	98	91	89	1,545
Firemen.....	4	3	4	3	2	1	2		2	6	4	6	37
Freight handlers.....	29			9	7	19	21	18	11				114
Hotel help.....	12	13	12	13	11	8	5	4	8	3	3	2	94
Janitors.....					3	2	1				2	1	9
Laborers.....	144	139	121	69	132	146	149	135	136	141	147	139	1,598
Laundry workers.....									3			13	16
Lumber handlers.....	73	83	74	14	61	67	61	49	41	37	28	24	612
Machinists and machine operators.....							2	4	4	3			13
Moulders and moulders' helpers.....			4					3			7		14
Office help.....						1							1
Painters and paper hangers.....					5	7	3					4	19
Shipping clerks.....								2	4				6
Steam fitters.....							2						2
Teamsters.....	4	6	4	7	4	3	2	5	4	7	5	5	56
Waiters.....	11	9	8	11	8	8	7	9	9	3	3	4	90
Watchmen.....	23				3	1							27
Woodsmen.....		14	16	2						2	14	11	59
Totals.....	481	419	371	366	522	534	487	426	403	371	385	368	5,133

*Saginaw Office.—Women.*

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Chambermaids.....	13	11	9	11	14	12	6	7	12	8	6	5	114
Clerks.....	3	2	1	2	1	1	2	2	1	3	1	1	19
Cooks.....	4	6	3	2	2	1	3	1	4	1	1	1	28
Day work.....	11	14	16	21	26	23	26	24	17	24	26	24	252
Dishwashers.....	8	9	6	9	7	8	7	4	11	5	7	6	87
Dressmakers.....					1								1
Factory hands.....	13	18	15	17	18	16	15	6	6	16	13	16	169
House keepers.....	5	4	2	1	1	1	1	1	1	4	1	4	26
House work.....	6	12	14	19	12	11	7	4	10	9	11	14	129
Laundresses.....	4	3	2	2	1	1	1	1	2		2	2	21
Nurses.....		1			2	1					2	2	8
Office work.....									2	4	2	3	11
Salesladies.....				1									1
Waitresses.....	4	14	11	14	12	9	9	12	10	6	6	7	114
Totals.....	71	94	79	99	97	84	77	62	76	79	78	84	980

## SUMMARY OF MICHIGAN FREE EMPLOYMENT BUREAUS FOR THE YEAR.

	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
<b>Battle Creek:</b>													
Men.....	77	79	54	60	95	146	69	262	371	377	407	359	2,356
Women.....	17	14	9	14	19	10	5	13	31	27	43	105	307
<b>Totals.....</b>	<b>94</b>	<b>93</b>	<b>63</b>	<b>74</b>	<b>114</b>	<b>156</b>	<b>74</b>	<b>275</b>	<b>402</b>	<b>404</b>	<b>450</b>	<b>464</b>	<b>2,663</b>
<b>Bay City:</b>													
Men.....	106	49	64	57	61	77	67	88	87	90	105	145	996
Women.....	17	12	12	12	9	10	8	10	10	20	22	22	164
<b>Totals.....</b>	<b>123</b>	<b>61</b>	<b>76</b>	<b>69</b>	<b>70</b>	<b>87</b>	<b>75</b>	<b>98</b>	<b>97</b>	<b>110</b>	<b>127</b>	<b>167</b>	<b>1,160</b>
<b>Detroit:</b>													
Men.....	2,841	3,622	2,710	3,595	7,398	5,818	6,354	6,434	5,618	5,779	4,519	4,266	58,954
Women.....	334	408	297	361	353	366	289	446	246	296	166	110	3,672
<b>Totals.....</b>	<b>3,175</b>	<b>4,030</b>	<b>3,007</b>	<b>3,956</b>	<b>7,751</b>	<b>6,184</b>	<b>6,643</b>	<b>6,880</b>	<b>5,864</b>	<b>6,075</b>	<b>4,685</b>	<b>4,376</b>	<b>62,626</b>
<b>Flint:</b>													
Men.....	673	417	312	555	861	728	616	735	772	592	860	456	7,577
Women.....	75	74	68	95	87	84	59	99	111	110	116	86	1,064
<b>Totals.....</b>	<b>748</b>	<b>491</b>	<b>380</b>	<b>650</b>	<b>948</b>	<b>812</b>	<b>675</b>	<b>834</b>	<b>883</b>	<b>702</b>	<b>976</b>	<b>542</b>	<b>8,641</b>
<b>Grand Rapids:</b>													
Men.....	499	545	439	587	828	866	701	694	831	638	774	545	7,947
Women.....	66	112	75	97	115	124	79	125	110	108	122	81	1,214
<b>Totals.....</b>	<b>565</b>	<b>657</b>	<b>514</b>	<b>684</b>	<b>943</b>	<b>990</b>	<b>780</b>	<b>819</b>	<b>941</b>	<b>746</b>	<b>896</b>	<b>626</b>	<b>9,161</b>
<b>Jackson:</b>													
Men.....	348	368	352	515	708	791	615	512	435	272	500	441	5,857
Women.....	138	158	153	234	209	228	260	142	121	137	143	104	2,027
<b>Totals.....</b>	<b>486</b>	<b>526</b>	<b>505</b>	<b>749</b>	<b>917</b>	<b>1,019</b>	<b>875</b>	<b>654</b>	<b>556</b>	<b>409</b>	<b>643</b>	<b>545</b>	<b>7,884</b>
<b>Kalamazoo:</b>													
Men.....	193	283	230	360	348	362	316	253	664	478	561	321	4,369
Women.....	50	61	37	68	46	50	52	48	54	78	103	64	711
<b>Totals.....</b>	<b>243</b>	<b>344</b>	<b>267</b>	<b>428</b>	<b>394</b>	<b>412</b>	<b>368</b>	<b>301</b>	<b>718</b>	<b>556</b>	<b>664</b>	<b>385</b>	<b>5,080</b>

*Summary of Michigan Free Employment Bureau for the year.—Concluded.*

	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
<b>Lansing:</b>													
Men.....	65	97	52	59	156	156	126	321	384	574	535	482	3,007
Women.....	1	2	4	.....	15	8	10	20	42	53	135	121	411
<b>Totals.....</b>	<b>66</b>	<b>99</b>	<b>56</b>	<b>59</b>	<b>171</b>	<b>164</b>	<b>136</b>	<b>341</b>	<b>426</b>	<b>627</b>	<b>670</b>	<b>603</b>	<b>3,418</b>
<b>Muskegon:</b>													
Men.....	88	138	86	115	91	125	119	108	150	118	148	175	1,461
Women.....	18	21	14	12	12	14	12	17	20	32	45	39	256
<b>Totals.....</b>	<b>106</b>	<b>159</b>	<b>100</b>	<b>127</b>	<b>103</b>	<b>139</b>	<b>131</b>	<b>125</b>	<b>170</b>	<b>150</b>	<b>193</b>	<b>214</b>	<b>1,717</b>
<b>Saginaw:</b>													
Men.....	481	419	371	366	522	534	487	426	403	371	385	368	5,133
Women.....	71	94	79	99	97	84	77	62	76	79	78	84	980
<b>Totals.....</b>	<b>552</b>	<b>513</b>	<b>450</b>	<b>465</b>	<b>619</b>	<b>618</b>	<b>564</b>	<b>488</b>	<b>479</b>	<b>450</b>	<b>463</b>	<b>452</b>	<b>6,113</b>
<b>Totals—Combined:</b>													
Battle Creek.....	94	93	63	74	114	156	74	275	402	404	450	464	2,663
Bay City.....	123	61	76	69	70	87	75	98	97	110	127	167	1,160
Detroit.....	3,175	4,030	3,007	3,956	7,751	6,184	6,643	6,880	5,864	6,075	4,685	4,376	62,626
Flint.....	748	491	380	650	948	812	675	834	883	702	976	542	8,641
Grand Rapids.....	565	657	514	684	943	990	780	819	941	746	896	626	9,161
Jackson.....	486	526	505	749	917	1,019	875	654	556	409	643	545	7,884
Kalamazoo.....	243	344	267	428	394	412	368	301	718	556	664	385	5,080
Lansing.....	66	99	56	59	171	164	136	341	426	627	670	603	3,418
Muskegon.....	106	159	100	127	103	139	131	125	170	150	193	214	1,717
Saginaw.....	552	513	450	465	619	618	564	488	479	450	463	452	6,113
<b>Totals.....</b>	<b>6,158</b>	<b>6,973</b>	<b>5,418</b>	<b>7,261</b>	<b>12,030</b>	<b>10,581</b>	<b>10,321</b>	<b>10,815</b>	<b>10,536</b>	<b>10,229</b>	<b>9,767</b>	<b>8,374</b>	<b>108,463</b>

*Number and character of positions secured by each office for the year beginning December 1 1916 and ending November 30, 1917.—Males.*

Character of positions.	Battle Creek.	Bay City.	Detroit.	Flint.	Grand Rapids.	Jackson.	Kalamazoo.	Lansing.	Muskegon.	Saginaw.	Total.
Acetylene welders			10								10
Acme operators			5								5
Agents				8	1				5		14
Amateur actors				5							5
Apple pickers				10		9					19
Apprentices	4	2		5	10		1				22
Assemblers			77	7				4			88
Assistant sawyers						1					1
Attendants						6					6
Auto drivers	3		37							11	51
Auto repair men	4		4	153	7	14					182
Baggage men						29					29
Bakers			32	8		9					49
Barbers			33	11							44
Barn men					1					17	18
Bell hops and bus boys		5	21	17	13	2	7			5	70
Belt men			4								4
Bench hands			124					29			153
Bill distributors			22			9		3			34
Blacksmiths	1		57		3	3		1		2	67
Blasters			2			2					4
Boatmen		5									5
Boiler makers			5								11
Boiler operators			47								47
Bookkeepers	5	1		8	2			6			22
Bottlers						1					1
Boys	25		507		69	15		1			617
Brass moulders			6								6
Brick layers			25	55	5						85
Brick makers				21							21
Buffers			9								9
Butchers			2	9							11
Cabinet makers			8		54						62
Canvassers	2						5	4			11
Car checkers	6					1					7
Carpenters	73	3	561	168	50	23	28	168	21	31	1,126
Car washers						5					5
Cement workers				175		45		76			296
Cistern cleaners						6					6
Chauffeurs		4			4	4		18	5		35
Chefs	7	4									11
Cherry pickers	2										2
City laborers				565							565
Cleaners	61						183				244
Clerical work								68			68
Clerks	1	40	67	4	4	3	2	3	7	10	141
Coal heavers	169			48		502				469	1,188
Coal miners			204	6							210
Construction work		14									14
Cooks	45	13	138	8	18	11	25	70	2	9	330
Coopers					13						13
Core makers				6		10		1			17
Counter men						10					10
Crankshaft grinders								1			1
Cub setters				7							7
Day workers		30									30
Deck hands									1		1
Delivery men						10				2	12
Demonstrators		4		5							9
Ditchers	1					41					42

Number and character of positions secured by each office for the year beginning December 1, 1916 and ending November 30, 1917.—Males.—Continued.

Character of positions.	Battle Creek.	Bay City.	Detroit.	Flint.	Grand Rapids.	Jackson.	Kalamazoo.	Lansing.	Muskegon.	Saginaw.	Total.
Die makers			7								7
Dishwashers	32		1,454	13	45	79		1			1,624
Door tenders						1					1
Draftsmen			14								14
Drill press men			313			3					316
Drivers	7		4	18							29
Druggists			1								1
Dry goods packers			142								142
Electricians	14	2	22	14	3	1		8	1		65
Elevator men			23	8	5	2					38
Enamellers								17			17
Engineers		6	37	5	3	1	2	2	8	2	66
Errand boys						2	1				3
Express drivers	2		251			2					301
Factory helpers	283	244		69	283	143	130	237	284	211	1,884
Farm hands	261	169	2,302	1,128	537	620	1,109	405	129	1,545	8,295
Finishers					87						87
Firemen	1	7	242	9	90	25	3		5	37	419
Fishermen			5								5
Flagmen				3							3
Foremen					4						4
Freight handlers						2				114	116
Foundry helpers	20	5		5							30
Furnacemen, builders and caretakers				9		10					19
Furniture packers			29								29
Garagemen				13		2					15
Gardeners	7		68	55	1	9					140
Gear cutters			4								4
Glazers						2					2
Gluers					8						8
Grape packers							109				109
Grinders			123	1		12		1			137
Grocery clerks											4
Hand carvers	4				1						1
Hall men					2						2
Hammermen, factory				21							21
Handy men	105		2,287	155		1,086					3,633
Harness makers			1	4							5
Helpers	23										23
Hotel helpers							9		34	94	137
House men	33					59					92
Ice men				205		37					242
Inspectors			25	12				5			42
Iron workers			39	23							62
Janitors	14		108	27	32	36	54			9	280
Kitchen helpers	20					22					42
Laborers	752	293	45,156	3,729	5,957	2,339	2,530	1,258	811	1,598	64,423
Landis grinders			43					2			45
Lathe hands			156			8		2			166
Lathers				22				2			24
Laundry men	119		13	5	23	9				16	185
Linemen				150	1			1			152
Locksmiths			9	4							13
Lawn mowers	6					43					49
Lumber handlers	11			30						612	653
Machinists and machine operators	54	38	541	90	148	66	15	278	78	13	1,321
Masons and masons' helpers				85		17		35		14	151
Meat cutters		2				1					3
Messengers		6	77	7				1			91
Metal polishers			12	5				5			22

*Number and character of positions secured by each office for the year beginning December 1, 1916 and ending November 30, 1917.—Males.—Continued.*

Character of positions.	Battle Creek.	Bay City.	Detroit.	Flint.	Grand Rapids.	Jackson.	Kalamazoo.	Lansing.	Muskegon.	Saginaw.	Total.
Milkers				9							9
Millwrights			54	11				5			70
Miscellaneous								11			11
Moulders			12	7	14		9	1	8		51
Nurses					9						9
Office workers		6	1			12		24	14	1	58
Oilers			12	7	5						24
Operators, telephone and telegraph				3							3
Packers					83						83
Painters and paper hangers	20		201	38	36	23		65	8	19	410
Pattern makers			2	4	1						7
Pin setters			35								35
Pipe fitters	3					4					7
Planers			10								10
Plasterers			11	25							36
Plumbers			78	16		3					97
Polishers			5	3							8
Porters		20	258	9	77	11	60				435
Power machine hands			4								4
Press feeders	5		26								31
Printers				2							2
Punch press men	1		115					7			123
Railroad men		18									18
Repair men	11		23	6				4			44
Rip sawyers			1								1
Riveters			1								1
Road testers								4			4
Roofers	1		79	11	2	14					107
Salesmen				3		1					4
Sailors			115								115
Sanders			4								4
Saw mill hands									10		10
Section hands						7					7
Sheet metal workers			103		4						107
Ship carpenters		7	27								34
Shinglers						2					2
Shipping clerks							2	1		6	9
Shoe makers				3							3
Slucing						4					4
Solders			10								10
Solicitors		1			2	6					9
Special officers						1					1
Spot welders			1		1						2
Stable men		50									50
Steam fitters			193		7			3		2	205
Stenographers			9			3			2		14
Sticker hands			7								7
Stock men	2		10								12
Stone masons					4						4
Structural workers						26					26
Switch men	4		17			1					22
Tanners									5		5
Teamsters	10	3	1,567	119	178	141	76	52	7	56	2,209
Thresher men	6										6
Time keepers			20					1	1		22
Tinsmiths			17	5	3	1					26
Trimmers, auto and carriage bodies				6				13			19
Toolmakers	4		171					2	3		180
Track foremen			4								4
Tree trimmers						4					4



*Number and character of positions secured by each office for the year beginning December 1, 1916 and ending November 30, 1917.—Males.—Concluded.*

Character of positions.	Battle Creek.	Bay City.	Detroit.	Flint.	Grand Rapids.	Jackson.	Kalamazoo.	Lansing.	Muskegon.	Saginaw.	Total.
Truck drivers.....	1			16		86		16			119
Typists.....			2								2
Upholsterers.....			7								7
Ushers.....				3							3
Varnish rubbers.....			6								6
Waiters.....	30	2	67	5	22	18	4	72	7	90	317
Warehouse men.....	1					1					2
Watchmen.....		1	118	14	5	10	5	12	5	27	197
Well diggers.....				4							4
Wheelwright, auto and wagon.....				15							15
Whitewashers.....						2					2
Window washers.....	28										28
Wood cutters.....	1				11	24					36
Woodsmen.....		41								59	100
Wood turners.....			36								36
Yardmen.....	1					41		1			43
Totals.....	2,356	996	58,954	7,577	7,947	5,857	4,369	3,007	1,461	5,133	97,657

*Number and character of positions secured by each office for the year beginning December 1, 1916 and ending November 30, 1917.—Females.*

Character of positions.	Battle Creek.	Bay City.	Detroit.	Flint.	Grand Rapids.	Jackson.	Kalamazoo.	Lansing.	Muskegon.	Saginaw.	Total.
Assistant matrons.....						1					1
Attendants.....						1					1
Bindery workers.....		2									2
Bookkeepers.....		1		10				1			12
Buss girls.....						2					2
Canvassers.....						8		4			12
Chambermaids.....	20	10	66	127	25	37	95	26		114	520
Cleaners.....	11		206			103	29				349
Clerical work.....								56			56
Clerks.....	1	7	11	44		13				19	95
Companions.....						19	1	66			86
Cooks.....	16	18	34	30	17	22	40		1	28	206
Day workers.....	11	49		58	768	405	120	5	55	252	1,723
Demonstrators.....				8							8
Dishwashers.....	11	4	125	24	134	69	11	3		87	468
Distributors.....			19								19
Domestics.....	2	22	140	388	100	156	204		19		1,031
Dressmakers.....										1	1
Factory workers.....	74	15	122	34	115	25	27	66		169	647
Farm hands.....				7					72		79
Governesses.....						7					7
Grape pickers.....							27				27
Grocery clerks.....					3						3
Hotel workers.....				2			54		37		93
House keepers.....	14	2	43	16	5	92	31	12		26	241

## DEPARTMENT OF LABOR.

Number and character of positions secured by each office for the year beginning December 1, 1916 and ending November 30, 1917.—Females.—Concluded.

Character of positions.	Battle Creek.	Bay City.	Detroit.	Flint.	Grand Rapids.	Jackson.	Kalamazoo.	Lansing.	Muskegon.	Saginaw.	Total.
House workers.....	95	12						57	64	129	357
Ironers.....						3					3
Janitresses.....			10	4		1					15
Kitchen helpers.....			51	15		52		25			143
Laborers.....				21							21
Laundresses.....	23		1,655	10	5	731	48			21	2,493
Machine operators.....	2										2
Maids.....						47				8	55
Nurses.....	4	1		3	5	32	2			11	58
Office work.....		2	3	3	1	11		19			39
Pantry girls.....						5					5
Printing office helpers.....						1					1
Salesladies.....	4			2				1		1	8
Scrub women.....	4		1,121								1,125
Seamstresses.....				2		6					8
Second girls.....						47					47
Solicitors.....		1		2							3
Stenographers.....	4	4	3	7	1	7	1	1			28
Telephone operators.....		1	5	4		9					19
Typists.....			1								1
Waitresses.....	11	13	57	173	35	88	21	69	8	114	589
Washwomen.....				70		27					97
Totals.....	307	164	3,672	1,064	1,214	2,027	711	411	256	980	10,806
Males.....	2,356	996	58,954	7,577	7,947	5,857	4,369	3,007	1,461	5,133	97,657
Females.....	307	164	3,672	1,064	1,214	2,027	711	411	256	980	10,806
Totals.....	2,663	1,160	62,626	8,641	9,161	7,884	5,080	3,418	1,717	6,113	108,463

Operations of Michigan Free Employment Bureaus from December 1, 1916 to November 30, 1917.

City where office is located.	Applications from employers.	Persons asked for by employers.	Persons applying for work.		Persons referred to positions.	Positions filled.
			New registrations.	Renewals.		
Battle Creek.....	1,531	3,056	2,600	80	2,680	2,663
Bay City.....	611	1,860	500	718	1,218	1,160
Detroit.....	10,810	63,579	20,539	42,671	63,210	62,626
Flint.....	6,646	11,379	2,116	7,265	9,381	8,641
Grand Rapids.....	6,232	10,053	2,000	7,498	9,498	9,161
Jackson.....	5,188	8,408	7,195	876	8,071	7,884
Kalamazoo.....	3,556	5,309	2,950	2,160	5,110	5,080
Lansing.....	927	4,084	125	3,875	4,000	3,418
Muskegon.....	758	3,161	132	1,719	1,851	1,717
Saginaw.....	1,546	7,740	475	5,698	6,173	6,113
Totals.....	37,805	119,629	38,632	72,560	111,192	108,463

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**INSPECTION OF FACTORIES AND  
WORKSHOPS**

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## INSPECTION OF FACTORIES AND WORKSHOPS.

*List of establishments visited in 1917, showing date of inspection, name of firm, location, nature of business, number of employes of each sex, whole number employed, number of children under sixteen years of age.*

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>ALCONA COUNTY.</b>							
Nov. 6	Harrisville Milling Co. ....	Guatin. ....	Flour, feed and grain . . .	2		2	
Aug. 18	Alcona County Review . . . .	Harrisville. . . .	Printing . . . . .	1	1	2	
Aug. 18	Dube, John . . . . .	Harrisville. . . .	Blacksmithing . . . . .	1		1	
Aug. 18	Ferguson, A. . . . .	Harrisville. . . .	Groceries. . . . .	2		2	
Aug. 17	Harrisville Milling Co. ....	Harrisville. . . .	Flour. . . . .	3	5	8	
Aug. 18	Harrisville Electric Light Co. . . . .	Harrisville. . . .	Electricity. . . . .	2		2	
Nov. 5	Hood, Louise. . . . .	Harrisville. . . .	Millinery . . . . .		3	3	
Aug. 18	Johnson, F. G. & Co. . . . .	Harrisville. . . .	Peas and beans. . . . .	8	21	29	
Aug. 18	Lund, Carl M. . . . .	Harrisville. . . .	Harness. . . . .	1		1	
Nov. 5	McDonald, C. J. . . . .	Harrisville. . . .	Livery barn. . . . .	2		2	
Nov. 5	Libby, McNeil & Libby. . . . .	Harrisville. . . .	Pickles. . . . .	3		3	
Nov. 5	Shedd Creamery . . . . .	Harrisville. . . .	Dairy products. . . . .	3	1	4	
Nov. 5	Upton, L. J. & Co. . . . .	Harrisville. . . .	Produce. . . . .	2	3	5	
Aug. 17	Alcona County Herald . . . . .	Lincoln. . . . .	Printing . . . . .	1		1	
Aug. 17	Ferrie, T. A. & Son. . . . .	Lincoln. . . . .	Lumber and shingles. . . . .	9		9	
Nov. 6	Lincoln Elevator Co. . . . .	Lincoln. . . . .	Beans and peas. . . . .	3		3	
Aug. 17	Medor, Peter. . . . .	Lincoln. . . . .	Auto repairing. . . . .	1		1	
Nov. 6	Pyle, C. B. . . . .	Lincoln. . . . .	Peas and beans. . . . .	2		2	
Aug. 17	Walker, James G. . . . .	Lincoln. . . . .	Meats. . . . .	1	1	2	
Aug. 17	Mikado Elevator Co. . . . .	Mikado. . . . .	Produce. . . . .	2		2	
Nov. 6	Pyle, C. B. . . . .	Mikado. . . . .	Peas and beans. . . . .	2		2	
<b>ALGER COUNTY.</b>							
May 7	Chatham Wagon Works . . . . .	Chatham. . . . .	Repairing. . . . .	1		1	
May 11	Artibee, A. . . . .	Munising. . . . .	Meats and groceries. . . . .	1	1	2	
May 11	Central Market, The. . . . .	Munising. . . . .	Meats. . . . .	4	1	5	1
May 11	Cloke's Electric Shoe Shop. . . . .	Munising. . . . .	Shoe repairing. . . . .	2		2	
May 9	Cloverland Farmer, The. . . . .	Munising. . . . .	Printed matter. . . . .	2	2	4	
May 11	Dresden, John. . . . .	Munising. . . . .	Tailoring. . . . .	1	1	2	
May 10	Electric Light & Power Co. . . . .	Munising. . . . .	Electricity. . . . .	9	1	10	
May 11	Gollinger, Henry. . . . .	Munising. . . . .	Ice cream. . . . .	1	1	2	
May 10	Gottlieb, Adolph. . . . .	Munising. . . . .	Tailoring. . . . .	1		1	
May 10	Grainger, Walter. . . . .	Munising. . . . .	Blacksmithing. . . . .	2		2	
May 8	Hausler, Frank. . . . .	Munising. . . . .	Meats and groceries. . . . .	6		6	1
May 10	Herbert, Peter J. . . . .	Munising. . . . .	Feed, grain and hay. . . . .	2		2	
May 11	Hins & Guidebeck. . . . .	Munising. . . . .	Millinery. . . . .		2	2	
May 11	Holter, Thorlief. . . . .	Munising. . . . .	Plumbing. . . . .	1		1	
May 11	Juurinen, Antti. . . . .	Munising. . . . .	Shoe repairing. . . . .	1		1	
May 11	Kelly, Mrs. A. . . . .	Munising. . . . .	Millinery. . . . .	1		1	
May 9	Lee, Young. . . . .	Munising. . . . .	Laundry. . . . .	2		2	
May 9	McAllister, Arthur. . . . .	Munising. . . . .	Cigars. . . . .	1		1	
May 9	McDougall Mercantile Co., The. . . . .	Munising. . . . .	Meats and groceries. . . . .	9	2	11	
May 9	Michigan Tanning & Extract Co. . . . .	Munising. . . . .	Leather. . . . .	107		107	2

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	<b>ALGER CO.—Con.</b>						
May 9	Michigan Tanning & Extract Co.	Munising	Meats and groceries	4		4	
May 11	Mensier, D.	Munising	Blacksmithing	2		2	
May 11	Miller, Arthur	Munising	Meats and groceries	4		4	
May 8	Munising Box Co.	Munising	Box materials	66	34	100	
May 11	Munising Candy Kitchen	Munising	Ice cream and candy	4		4	
May 8	Munising Co., The	Munising	Lumber	139		139	4
May 8	Munising Foundry Co.	Munising	Foundry	3		3	
May 9	Munising Motor Co., The	Munising	Auto repairing	5	1	6	
May 8	Munising News, The	Munising	Printed matter	3	1	4	
May 10	Munising Paper Co.	Munising	Paper and sulphite pulp	324	11	335	
May 11	Munising Telephone & Electric Co.	Munising	Telephone	1	4	5	
May 10	Munising Water Works	Munising	Water	2		2	
May 10	Munising Woodenware Co.	Munising	Woodenware	134	24	158	
May 9	Quality Press, The	Munising	Printed matter	2		2	
May 9	Superior Baking Co.	Munising	Baked goods	2	1	3	
May 8	Superior Lumber & Cedar Co.	Munising	Lumber & cedar products	150		150	
May 10	Thoenen, R. H.	Munising	Plumbing	1		1	
May 8	Wetton & Clark	Munising	Plumbing	2		2	
May 11	Williams, Thomas	Munising	Tailoring	1		1	
May 11	Zelmer, M. C.	Munising	Tailoring	1		1	
	<b>ALLEGAN COUNTY.</b>						
Oct. 13	Allegan Cider & Vinegar Co.	Allegan	Vinegar	6		6	
Oct. 3	Allegan City Water Works	Allegan	Water	3		3	
Sept. 26	Allegan County Gas Co.	Allegan	Gas	3	1	4	
Sept. 21	Allegan Foundry Co.	Allegan	Repairing and castings	4		4	
Sept. 20	Allegan Fruit & Produce Co.	Allegan	Pickles	2		2	
Sept. 25	Allegan Furniture Co.	Allegan	Furniture	32	1	33	
Sept. 24	Allegan Gazette	Allegan	Printing	6	1	7	
Sept. 21	Allegan Milling Co.	Allegan	Flour and feed	14	1	15	
Sept. 25	Allegan News, The	Allegan	Printing	4	2	6	
Oct. 3	Auto Shop, The	Allegan	Auto repairing	3		3	
Sept. 20	Baker & Co.	Allegan	Furniture	50	1	51	
Sept. 21	Blood Bros. Machine Co.	Allegan	Machinery	109	5	114	1
Sept. 12	Born, W. G.	Allegan	Wagons	2		2	
Sept. 26	Brand Market	Allegan	Meats	6		6	
Sept. 21	Carl Cigar Co.	Allegan	Cigars	2	1	3	
Sept. 22	Citizens Telephone Co.	Allegan	Telephone service	3	9	12	
Sept. 26	Chevrolet Service Station	Allegan	Auto repairing	2		2	
Sept. 20	Consumers Power Co.	Allegan	Electricity	2		2	
Sept. 25	Crescent Egg Co.	Allegan	Eggs	4	5	9	
Sept. 25	DeWright, Richard	Allegan	Garage & service station	6	1	7	
Sept. 24	Durand, F. J.	Allegan	Meats	3		3	
Sept. 21	Fuller, R. C. Lumber Co.	Allegan	Lumber	3		3	
Sept. 26	Foster, A. H.	Allegan	Produce and seeds	9	13	22	
Sept. 24	Gardiner's Bakery	Allegan	Baked goods	1	1	2	
Sept. 20	Gulliford, W. J.	Allegan	Blacksmithing	2		2	
Oct. 3	Gleaners Association Co.	Allegan	Produce	2		2	
Sept. 24	Globe Garage	Allegan	Auto repairing	3		3	
Sept. 26	Griswold & Nicholas	Allegan	Lumber	3	1	4	
Sept. 26	Handy Electric Mills, The	Allegan	Flour and feed	5	1	6	
Sept. 25	Hornung, Carl	Allegan	Blacksmithing	2		2	
Sept. 20	Imperial Carving Co., The	Allegan	Wood carving	13		13	
Oct. 3	Kimmins, W. J.	Allegan	Merchant tailoring	1	1	2	
Sept. 26	Kirshman, Geo. C.	Allegan	Plumbing	2		2	
Sept. 25	Littlejohn & Randall	Allegan	Millinery		5	5	
Oct. 3	Ludlow, W. J.	Allegan	Shoe repairing	1		1	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
ALLEGAN CO.—Con.							
Sept. 24	Maents, H. O.	Allegan	Meats	4		4	
Oct. 3	Michigan State Telephone Co.	Allegan	Telephone service	2	4	6	
Sept. 26	Morse Cigar Co., C. J.	Allegan	Cigars	1	1	2	
Sept. 21	Mutchler Coal Co.	Allegan	Coal	3	1	4	
Oct. 3	Mutchler, M. H.	Allegan	Feed and seeds	2		2	
Sept. 25	Nyberg, Fred E.	Allegan	Blacksmithing	2		2	
Sept. 26	Odell, Geo.	Allegan	Produce	3		3	
Sept. 25	Odell & Haight	Allegan	Millinery		2	2	
Sept. 20	Oliver & Co.	Allegan	Furniture	32		32	
Sept. 20	Overton Creamery Co.	Allegan	Milk products	13	4	17	
Sept. 21	Owen-Arnold Co., Inc.	Allegan	Caskets	6	3	9	
Sept. 24	Perrigo Co., L.	Allegan	Drugs	7	11	18	
Oct. 10	Perry Surrine Co., The	Allegan	Poultry and eggs	16		16	
Sept. 25	Purity Ice Cream Factory	Allegan	Ice cream	1	1	2	
Sept. 26	Quinn, P.	Allegan	Blacksmithing	1		1	
Oct. 3	Schuler, Chas. P.	Allegan	Coal and wood	3		3	
Sept. 25	Sickinger, E.	Allegan	Millinery		2	2	
Sept. 24	Smith, Weldon	Allegan	Baked goods	4	2	6	
Sept. 21	Splestoser, Anton	Allegan	Blacksmithing	2		2	
Sept. 25	Straub, Sheldon P.	Allegan	Cigars	1	1	2	
Oct. 3	Vosburgh, Mrs. W. W.	Allegan	Millinery		3	3	
Sept. 20	Weny & Mosier	Allegan	Phonographs	20	1	21	
Oct. 2	Whitcomb, H. J.	Allegan	Plumbing	2		2	
Sept. 25	Wright Laundry Co., The	Allegan	Laundry	2	3	5	
Sept. 27	Bentheim Creamery Co.	Bentheim	Butter	2		2	
Sept. 29	Henderson Milling Co.	Bradley	Grain and feed	1		1	
Sept. 29	Rosa, H. E. & Son.	Bradley	General repairing	2		2	
Sept. 19	Whiting & Co.	Bravo	Crates	7		7	
Sept. 27	England, Chas.	Burnips Corners	Feed	2		2	
Sept. 27	Loew, Silas	Burnips Corners	Lumber	1		1	
Sept. 27	Salem Creamery	Burnips Corners	Butter and cheese	3		3	
Sept. 29	Buer, W. J. & Son.	Dorr	Blacksmithing	2		2	
Sept. 27	Dorr Creamery	Dorr	Cheese and butter	2		2	
Sept. 27	Herb, William	Dorr	General repairing	2		2	
Feb. 27	Weaver Elevator, The	Dorr	Flour and feed	2		2	
Sept. 17	Bekken, Herman	Douglas	Blacksmithing	1		1	
Sept. 17	Devine, Wm.	Douglas	Barrels	6		6	
Sept. 17	Nevins, E. R.	Douglas	Garage	2		2	
Sept. 17	Weed, E. E. & Co.	Douglas	Fruit packages	80	24	104	
Sept. 18	East Saugatuck Creamery Co.	East Saugatuck	Butter	2		2	
Sept. 18	Heins, H. J. & Co.	East Saugatuck	Pickles	3		3	
Sept. 19	Batey, G. O.	Fennville	Peppermint oil	7		7	
Sept. 18	Chellman, Chas.	Fennville	Meats	3		3	
Sept. 19	Fennville Baking Co.	Fennville	Baked goods	2		2	
Sept. 18	Fennville Fruit Exchange	Fennville	Fruits	24	11	35	
Sept. 19	Fennville Herald, The	Fennville	Printing	2	1	3	
Sept. 19	Fennville Milling Co.	Fennville	Flour and feed	6		6	
Sept. 19	Fennville Water Works	Fennville	Water	1		1	
Sept. 19	Grand Rapids Cooperage Co.	Fennville	Barrels	6		6	
Sept. 10	Jackson, A. W.	Fennville	Auto repairing	3		3	
Sept. 19	Jensen, Bendt	Fennville	Auto repairing	1		1	
Sept. 19	Sherman, John	Fennville	Lumber	3	1	4	
Sept. 19	Spielman Brothers Co.	Fennville	Vinegar	5	1	6	
Sept. 19	Teed, Guy	Fennville	Blacksmithing	1		1	
Sept. 19	Todd, A. M. Co.	Fennville	Peppermint oil	67		67	
Sept. 19	Wade & Wade Barrel Co.	Fennville	Cooperage	3		3	
Sept. 19	Western Allegan County Telephone Co.	Fennville	Telephone service	2	3	5	
Sept. 19	Whitbeck, A. L. & Son	Fennville	Coal, brick, etc.	2		2	
Sept. 18	Fillmore Center Creamery Co.	Fillmore	Butter	2		2	
Sept. 18	Daisy Creamery Co., The	Graafschap	Butter	2		2	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
ALLEGAN Co.—Con.							
Sept. 18	Brink, John	Hamilton	Lumber	2		2	
Sept. 18	Drenthe-Hamilton Canning Co.	Hamilton	Canned goods	13	24	37	
Sept. 18	Kolvoord Milling Co., The	Hamilton	Flour and feed	4		4	
Sept. 18	Lutgen & Hagelkamp	Hamilton	Lumber	4		4	
Sept. 18	Phenix Cheese Co.	Hamilton	Cheese	2		2	
Oct. 2	Citizens Telephone Co.	Hopkins	Telephone service		3	3	
Oct. 2	Corlett-Stone Lumber Co.	Hopkins	Lumber and coal	2		2	
Oct. 2	Frymire & Keenan	Hopkins	Flour and feed	2		2	
Oct. 2	Gannon, P. J.	Hopkins	Eggs	1	1	2	
Oct. 2	Hopkins Creamery Co.	Hopkins	Butter and cheese	3	1	4	
Oct. 2	Hopkins Elevator Co.	Hopkins	Grain and feed	3	1	4	
Oct. 2	Lewis, Bert	Hopkins	Cement blocks	2		2	
Oct. 2	McIntyre, Mrs. J. E.	Hopkins	Millinery		1	1	
Oct. 2	Michigan State Telephone Co.	Hopkins	Telephone service		3	3	
Oct. 2	Musser & Green	Hopkins	Repairing	2		2	
Oct. 2	Punches & Jackson	Hopkins	Meats	2		2	
Oct. 2	Requa, Daniel	Hopkins	Garage & auto repairing	1		1	
Oct. 2	Smalla, J. V.	Hopkins	Auto repairing	1		1	
Oct. 2	Walter Auto Co.	Hopkins	Garage & auto repairing	5		5	
Sept. 29	Bechman, Charles	Martin	Meats	2		2	
Sept. 29	Martin Dairy & Produce Co.	Martin	Butter	3		3	
Sept. 29	Martin Elevator Co.	Martin	Grain and feed	3		3	
Sept. 27	Martin Garage	Martin	Auto repairing	1		1	
Sept. 29	Michigan State Telephone Co.	Martin	Telephone service		3	3	
Sept. 29	Simkins, L. W.	Martin	Auto repairing	2		2	
Sept. 27	Herb, D. O.	Moline	Auto repairing	2		2	
Sept. 27	Moline Milling Co.	Moline	Flour and feed	4		4	
Sept. 27	Sanitary Milk Co.	Moline	Dairy products	2		2	
Sept. 27	New Salem Cheese Factory	New Salem	Cheese	2		2	
Sept. 26	Oakland Creamery Co.	Oakland	Butter	2		2	
Oct. 6	Allegan County Gas Co.	Otsego	Light and fuel	11		11	
Oct. 6	Angle Steel Stool Co.	Otsego	Stools	11	2	13	
Oct. 6	Balgoyne, H. M.	Otsego	Coal, wood, etc.	4	1	5	
Oct. 4	Bardeen Paper Co.	Otsego	Paper	349	73	422	
Oct. 6	Bennett & Son	Otsego	Baked goods	3	1	4	
Oct. 6	Button, E. L.	Otsego	Shoe repairing	2		2	
Oct. 5	Chaffee & Schnebelt	Otsego	Baked goods	2	1	3	
Oct. 6	Consumers Power Co.	Otsego	Electricity	1	1	2	
Oct. 5	Dann, W. C.	Otsego	Feed	1	1	2	
Oct. 4	Eady Shoe Mfg. Co.	Otsego	Shoes	29	26	55	2
Oct. 6	Jackson, J. K.	Otsego	Meats	2		2	
Oct. 5	Jungnitsch, Herman C.	Otsego	Blacksmithing	1		1	
Oct. 5	Mac-Sim Bar Paper Co.	Otsego	Paper	208	1	209	
Oct. 6	Michigan State Telephone Co.	Otsego	Telephone service	1	7	8	
Oct. 5	Musser, Clarence	Otsego	General repairing	1		1	
Oct. 5	Otsego City Water Works	Otsego	Water	1		1	
Oct. 6	Otsego Creamery, The	Otsego	Butter	1		1	
Oct. 5	Otsego Laundry	Otsego	Laundry	1	1	2	
Oct. 5	Otsego Power & Manufacturing Co.	Otsego	Filing devices	22	1	23	
Oct. 5	Schoolcraft, Fred	Otsego	Plumbing	3		3	
Oct. 4	Siple, G. H. & Co.	Otsego	Grain, lumber, coal	6	1	7	
Oct. 5	Squires, Ray	Otsego	Meats	2		2	
Oct. 6	Swarts Auto Co.	Otsego	Auto repairing	3		3	
Oct. 5	Otsego Union, The	Otsego	Printing	3	1	4	
Oct. 6	Tire Shop	Otsego	Tire repairing	1		1	
Oct. 6	Townsend, Kate	Otsego	Millinery		2	2	
Oct. 6	Tubbs, Mrs. W. H.	Otsego	Millinery		2	2	
Oct. 5	Wolverine Paper Co.	Otsego	Paper	66	13	79	
Sept. 18	Co-operative Creamery Co.	Overisel	Butter	2		2	
Sept. 18	Hoffman, John & Son	Overisel	Flour and feed	2		2	



Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>ALLEGAN Co.—Con.</b>							
Sept. 19	Hoyt's, L. M. Creamery	Pearl	Dairy products	2		2	
Oct. 9	Chambers, Sprague W.	Plainwell	Job printing	1		1	
Oct. 8	Easley Light & Power Co.	Plainwell	Light and power	2	1	3	
Oct. 8	Easley, J. F. Milling Co.	Plainwell	Flour and feed	13	1	14	
Oct. 8	Harwood, F. A. & Co.	Plainwell	Produce	5	25	30	
Oct. 9	Hyder & Kelly	Plainwell	Meats	3		3	
Oct. 8	Michigan State Telephone Co.	Plainwell	Telephone service	1	8	9	
Oct. 9	Plainwell Enterprise	Plainwell	Printing	2	1	3	
Oct. 9	Plainwell Water Works	Plainwell	Water	1		1	
Oct. 9	Main Street Garage	Plainwell	Auto repairing	4	1	5	
Oct. 8	Michigan Paper Co.	Plainwell	Paper	188	70	258	
Oct. 9	Plainwell Lumber & Coal Co.	Plainwell	Lumber and coal	4		4	
Oct. 9	Powell, A. J.	Plainwell	Meats	1	1	2	
Oct. 9	Shaw-Root Style Shop	Plainwell	Millinery		3	3	
Oct. 9	Travis Garage	Plainwell	Auto repairing	6	1	7	
Sept. 19	Freestone Pickle Co.	Pullman	Pickles	3		3	
Sept. 17	Heas, H.	Pullman	Barrels	3		3	
Sept. 19	Pullman Supply Co., The	Pullman	Lumber and feed	2		2	
Sept. 17	Hamilton, W. D. Lumber & Coal Co.	Saugatuck	Lumber and coal	4	1	5	
Sept. 17	Reed, R. E.	Saugatuck	Auto repairing	2		2	
Sept. 17	Reid, Ward	Saugatuck	Meats	2		2	
Sept. 17	Saugatuck Auto Co.	Saugatuck	General repairing	5		5	
Sept. 17	Saugatuck Co-operative Fruit Assn.	Saugatuck	Fruits	7	7	14	
Sept. 23	Briggs, W. E. & Co.	Shelbyville	Grain	4	6	10	
Sept. 23	Barnhart, L.	Wayland	Groceries and meats	3	1	4	
Sept. 23	Brush Electric Light & Power Co.	Wayland	Light and power	2		2	
Sept. 23	Business Men's Paper Press Co.	Wayland	Paper presses	14	1	15	
Sept. 23	Helvetia Milk Condensing Co.	Wayland	Milk products	35	6	41	
Sept. 23	Henderson Milling Co.	Wayland	Flour and feed	3		3	
Sept. 23	Hughes, A. D. Co.	Wayland	Mill supplies	8	1	9	
Sept. 23	Hunsberger & Bowman	Wayland	Lumber	2		2	
Sept. 23	Lents, Henry W.	Wayland	Produce	2	7	9	
Sept. 23	Libby, McNeill & Libby	Wayland	Pickles	2		2	
Sept. 23	Mason, Mrs. H. A.	Wayland	Millinery		2	2	
Sept. 23	Michigan State Telephone Co.	Wayland	Telephone service	1	3	4	
Sept. 23	Mosher's Garage	Wayland	Auto service	3		3	
Sept. 23	Pryor Bros.	Wayland	Feed	2		2	
Sept. 23	Wayland Globe, The	Wayland	Printing	2	1	3	
Sept. 23	Yeakey Auto Co.	Wayland	Auto repairing	4		4	
<b>ALPENA COUNTY.</b>							
July 26	Alcona Fish Co.	Alpena	Fish	13		13	
Oct. 24	Alexander, William	Alpena	Lumber	14	1	15	
July 27	Alpena Auto Co.	Alpena	Auto repairing	3		3	
Aug. 3	Alpena Bottling Works	Alpena	Soft drinks	2		2	
Aug. 6	Alpena Cigar Co.	Alpena	Cigars	1		1	
Aug. 4	Alpena City Water & Light Works	Alpena	Water	10	1	11	
Aug. 4	Alpena Electric Light Co.	Alpena	Electricity	9	1	10	
Aug. 31	Alpena Excelsior Co.	Alpena	Excelsior	16		16	
July 30	Alpena Fish Co.	Alpena	Fish	18		18	
Oct. 23	Alpena Garage	Alpena	Auto repairing	4	1	5	
July 24	Alpena Gas Co.	Alpena	Gas	6	1	7	
July 21	Alpena Hide & Fur Co.	Alpena	Hides	2	1	3	
July 18	Alpena Industrial Works	Alpena	Machinery	24	2	26	4
July 16	Alpena Laundry Co.	Alpena	Laundry	2	10	12	
July 31	Alpena Leather Corporation	Alpena	Leather and hides	130	1	131	
July 17	Alpena Marble & Granite Co.	Alpena	Monuments	6	1	7	
July 23	Alpena Meat Co.	Alpena	Meats	3		3	1
July 19	Alpena News Publishing Co.	Alpena	Printing	10	5	15	2
July 23	Alpena Printing Studio	Alpena	Printing	2		2	
Feb. 19	Alpena Woolen Mills	Alpena	Woolens	8	14	22	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
ALPENA Co.—Con.							
Oct. 27	Anderson, John	Alpena	Cigars	1		1	
July 27	Anderson & Gunderson	Alpena	Fish	7		7	
Aug. 4	Baker, Thomas & Son	Alpena	Blacksmithing	2		2	
Aug. 24	Beck Malting & Brewing Co., The	Alpena	Beer	17	1	18	
Aug. 6	Bedford Coal Co., The	Alpena	Coal	6		6	
July 31	Beebe, Harry J.	Alpena	Auto repairing	2		2	
July 25	Berg, John F.	Alpena	Meats	3		3	1
July 31	Besser Manufacturing Co.	Alpena	Machinery	19	1	17	
July 28	Beyer, E. C.	Alpena	Dry cleaning	1		1	
Aug. 6	Bowen, D. L.	Alpena	Blacksmithing	2		2	
Aug. 6	Bradford Lumber & Planing Mill Co.	Alpena	Lumber	20	1	21	
July 23	Buck Laundry, The	Alpena	Laundry	2	9	11	
July 30	Burston, George	Alpena	Tailoring	2	1	3	
Aug. 2	Campbell, W. H.	Alpena	Plumbing	7		7	
July 23	Champagne, A.	Alpena	Transfer service	3		3	1
July 17	Climie's Bakery	Alpena	Baked goods	2	1	3	
July 21	Cohen & Co.	Alpena	Custom clothing	3	1	4	
July 30	Corbin-Hill Co., The	Alpena	Cedar and lumber	6	1	7	
Aug. 14	Daly, L. C.	Alpena	Meats	2		2	
July 24	Dammrose Bros.	Alpena	Cigars	2		2	
Aug. 4	Dehring, John & Sons	Alpena	Beer	3	1	4	
Aug. 4	Dehring's Meat Market	Alpena	Meats	4		4	
Oct. 23	DesChamps, Mrs. Frances	Alpena	Millinery		5	5	
Oct. 23	Detroit Lace Manufacturing Co.	Alpena	Laces	1	3	4	
Aug. 10	Detroit & Mackinac Railway Co.	Alpena	Repairing cars	40		40	
Aug. 3	Douville & Sons	Alpena	Baked goods	3		3	
Oct. 22	Drath, A. R.	Alpena	Dry cleaning	1	1	2	
July 31	Duchene, Dan	Alpena	Meats	2		2	
Aug. 14	Dunivan, Charles	Alpena	Ice	5	1	6	
July 24	Dust Brothers	Alpena	Cigars	3		3	1
Oct. 22	Eales Brothers	Alpena	Coal and wood	2	1	3	
July 25	Eddy Engineering Co.	Alpena	Plumbing	7	2	9	
Aug. 3	Elowaki, Richard	Alpena	Meats	2		2	
Oct. 24	Fletcher Paper Co.	Alpena	Pulp mill	72		72	14
Aug. 6	Fletcher Paper Co.	Alpena	Paper	312	9	321	
Aug. 2	Forest, Fred Livery Barn	Alpena	Livery barn	1		1	
Oct. 22	French, W. C.	Alpena	General repairing	2		2	
July 25	Furbush, Eugene	Alpena	Trucking	5	1	6	
Aug. 10	Gabrysiak, W. J.	Alpena	Meats	2		2	
Oct. 26	Garant & Marceau	Alpena	Baked goods	4		4	
July 23	Gavagan, J. W. & Co.	Alpena	Candy	2	4	6	
July 26	Gebhardt, Morrow & Co.	Alpena	Building supplies	13	1	14	
July 24	Hall, C. C.	Alpena	Bicycles	2		2	
July 27	Hay, F. W. & Son	Alpena	Bicycles	2		2	
Aug. 6	Holland Furnace Co.	Alpena	Furnaces	2		2	
Aug. 6	Holmes, Frank C. & Son	Alpena	Groceries	9	2	11	
Aug. 3	Hubel, Frank	Alpena	Merchant tailoring	1	1	2	
Aug. 1	Huron Portland Cement Co.	Alpena	Cement	452		452	
Aug. 11	Huron Printing Co., The	Alpena	Printing	2		2	1
July 18	Island Mill Lumber Co.	Alpena	Lumber	58		58	
July 20	Jaffee & Blumeno	Alpena	Hides and junk	2	1	3	
July 23	Joschimsthal, H.	Alpena	Clothing and millinery	1	10	11	
Aug. 4	Kierst, Joseph	Alpena	Cigars	1		1	
Aug. 3	Krueger, Albert	Alpena	Meats	2		2	
July 28	Konjora, Joseph	Alpena	Tailoring	1	1	2	
July 17	Kositcheck, Ed.	Alpena	Harness	3		3	
Aug. 10	Knapp, M. G.	Alpena	Shoe repairing	2		2	
Aug. 14	LeBlanc, W. J.	Alpena	Meats	2		2	
Aug. 10	LeRoy, D.	Alpena	Machine repairing	1		1	
July 19	Levyn, J. & Son	Alpena	Cigars	5		5	1

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>ALPENA Co.—Con.</b>							
Oct. 27	Lutes, G. V.	Alpena	Cedar and lumber	53	1	54	
Oct. 27	McClory, James	Alpena	Potash	3		3	
Oct. 26	McGillis, John D.	Alpena	Sheet iron	2		2	
Oct. 23	McKay, A. L.	Alpena	Harness	1		1	
Oct. 22	McLearn, Mrs. A. M.	Alpena	Millinery		3	3	
Aug. 1	Marine Meat Market	Alpena	Meats	3		3	
Aug. 14	Maynard, J. E.	Alpena	Plumbing	2		2	1
July 1	Michigan Alkali Co.	Alpena	Rock products	207		207	
July 17	Michigan Dry Cleaning & Dye Works	Alpena	Dry cleaning	4	1	5	1
July 16	Michigan Veneer Co.	Alpena	Veneer	70	1	71	8
Aug. 11	Model Printing Co.	Alpena	Printing	1	1	2	
Aug. 11	Monarch Milling Co.	Alpena	Flour	3	1	4	
Oct. 25	Neff Bros.	Alpena	Lumber and lath	2		2	
July 31	Northern Foundry Co., The	Alpena	Castings	2		2	
July 19	Northern Planing Mill	Alpena	Lumber	5	1	6	
Oct. 26	Oliver, John T.	Alpena	Boiler repairing	7		7	
July 19	Oliver & Hanson	Alpena	Electric contracting	6	1	7	
Aug. 10	Onaway-Alpena Telephone Co.	Alpena	Telephone service	6	9	15	
Aug. 3	Putvin, James E.	Alpena	Cigars	1		1	
July 26	Piepkorn Bros. Fish Co.	Alpena	Fish	14		14	
Aug. 9	Reynolds, C. A.	Alpena	Garage	4	1	5	
July 20	Richardson Lumber Co.	Alpena	Lumber	45	2	47	
Aug. 11	Riteler, Charles	Alpena	Merchant tailoring	3		3	
July 16	Rogers Brothers	Alpena	Beans	16	101	117	4
Aug. 2	Saro, Joe	Alpena	Fruit and candy	3	6	9	
Aug. 13	Shefferman, A.	Alpena	Printing	1		1	
Oct. 22	Sioux City Seed & Nursery Co.	Alpena	Peas and peas	4	41	45	
July 17	Smith, James W.	Alpena	Blacksmithing	2		2	
Aug. 13	Smith, Leo J.	Alpena	Groceries	2		2	
July 24	Standard Oil Co.	Alpena	Oil	7		7	
July 19	Steele, C. F.	Alpena	Auto repairing	9	1	10	
July 31	Swantek, Stanley	Alpena	Meats	2		2	
Aug. 14	Tebo, C. D.	Alpena	Transfer service	2		2	
Aug. 6	Thunder Bay Milling Co.	Alpena	Flour and feed	7		7	
July 30	VanNocker, Edward H.	Alpena	Photographing	1	1	2	
Aug. 6	Van Hemel, John P.	Alpena	Printing	1		1	
Aug. 11	Wallace, Morley	Alpena	Bicycle repairing	1		1	
Aug. 11	Walle, Paul	Alpena	Meats	3		3	
July 16	Walker Veneer Works	Alpena	Veneer	22	2	24	
Oct. 27	Western Cedar & Lumber Co.	Alpena	Cedar and lumber	133	1	134	
July 17	Widdia, Fred G.	Alpena	Trucking	11		11	
July 30	Wright, J. E.	Alpena	Auto livery	2		2	
Aug. 8	Angell & McDonald	Hubbard Lake	Dressed lumber	3		3	
Aug. 8	Burnham, C. A.	Hubbard Lake	Shingles	3		3	1
Aug. 8	Colby & Thompson	Hubbard Lake	Lumber	5		5	
Aug. 8	Rosewood Lachine Creamery Co.	Lachine	Creamery	3		3	
Aug. 9	Great Lakes Stone & Lime Co.	Rockport	Crushed stone	79		79	
Aug. 8	Huron Portland Cement Co.	Shell Beds	Quarry	20		20	
Aug. 8	Elowsky Shingle Mill	Wolf Creek	Shingles	4		4	
Aug. 8	Elowsky, Otto	Wolf Creek	Flour	4		4	
<b>ANTRIM COUNTY.</b>							
April 23	Alba Custom Mills, The	Alba	Lumber	8		8	
April 23	Anderson, J. & Sons	Alba	Meats and provisions	3		3	
April 23	Gaslay & Sons	Alba	Repairing	4		4	
April 23	Hammond, L.	Alba	Blacksmithing	2		2	
April 23	Matthews, E. & Son	Alba	Hardware	2		2	
April 23	Shepard, F. M.	Alba	Hardware	1		1	
April 14	Banowake, A. F.	Bellaire	Custom tailoring	2		2	
April 13	Bellaire Independent, The	Bellaire	Printed matter	2		2	
April 13	Bellaire Meat Market, The	Bellaire	Meats	2		2	
April 13	Bellaire Water Supply Co.	Bellaire	Water	2		2	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
ANTRIM Co.—Con.							
April 13	Coldren, H. M.	Bellaire	Hardware	2		2	
April 14	Dickinson, E. M.	Bellaire	Machine repairing	1		1	
April 13	Flye, Fred D.	Bellaire	Hardware	2		2	
April 13	Harper, N. A.	Bellaire	Baked goods	1		1	
April 14	Hierlihy, William	Bellaire	Harness	1		1	
April 13	Hosmer, W. A.	Bellaire	Lumber	12		12	
April 13	Hydraulic Power & Light Co.	Bellaire	Power and light	3		3	
April 14	Montague Produce Co.	Bellaire	Produce	4		4	
April 14	Municipal Lighting Plant	Bellaire	Light and power	2		2	
April 13	Richard, Henry	Bellaire	Feed	2		2	
April 13	Richards, J. E.	Bellaire	Lumber and shingles	5		5	
April 13	Turner, C. B.	Bellaire	Meats	2		2	
April 13	Wilks, Frank	Bellaire	Blacksmithing	2		2	
April 14	York, C. M.	Bellaire	Blacksmithing	2		2	
April 12	Antrim County Overland Co.	Central Lake	Garage	3		3	
April 11	Argo Milling Co.	Central Lake	Flour and feed	2		2	
April 14	Central Lake Canning Co.	Central Lake	Canned goods	24	72	96	
April 11	Central Lake Construction Co.	Central Lake	Lumber	12		12	
April 11	Central Lake Electric Light Co.	Central Lake	Light and power	2		2	
April 11	Central Lake Produce & Supply Co.	Central Lake	Produce	5		5	
April 10	Central Lake Publishing Co., The	Central Lake	Printed matter	1	1	2	
April 11	City Bakery	Central Lake	Baked goods	1		1	
April 10	Crampton, Sam	Central Lake	Blacksmithing	2		2	
April 12	Dunamore, Andrew	Central Lake	Passenger service	3		3	
April 10	Fisk Hardware	Central Lake	Hardware	2		2	
April 12	Foote, W. L.	Central Lake	Tubular wells	4		4	
April 11	Gibson, O. A.	Central Lake	Hardware	2		2	
April 12	Hastings, C. W.	Central Lake	Produce	4		4	
April 14	Hemphill Brothers	Central Lake	Potato crates	5		5	
April 11	Knowles, W. R.	Central Lake	Meats	2		2	
April 11	Libby, McNeill & Libby	Central Lake	Pickles	3		3	
April 12	Muckle, John	Central Lake	Coal and wood	3		3	
April 11	Smith, John H. & Sons	Central Lake	Implements	7		7	
April 14	Traverse Bay Telephone Co.	Central Lake	Telephone service	2	3	5	
April 19	Antrim County News	Elk Rapids	Printed matter	2		2	
April 20	Beebe, Charles A.	Elk Rapids	Blacksmithing	2		2	
April 20	Beebe, Harry	Elk Rapids	Transportation	3		3	
April 20	Elk Electric Co.	Elk Rapids	Light and power	5		5	
April 20	Elk Rapids Iron Co.	Elk Rapids	Lumber	5		5	
April 19	Elk Rapids Progress	Elk Rapids	Printed matter	2	1	3	
April 20	Elk Rapids Water Supply Co.	Elk Rapids	Water	2		2	
April 19	McLachlan, C. D.	Elk Rapids	Blacksmithing	1		1	
April 19	Monteith, J. F.	Elk Rapids	Auto repairing	2		2	
April 19	Powers and Bargey	Elk Rapids	Coal and feed	4		4	
April 20	Shannon, W. J.	Elk Rapids	Coal, feed and hay	2	1	3	
April 19	Spinner & Bachi	Elk Rapids	Meats	3		3	
April 20	White, W. R. & Son	Elk Rapids	Hardware	3		3	
April 12	Boss, W. A.	Ellsworth	Hardware	3		3	
April 12	Clow, D. E. & Co.	Ellsworth	Hardware	2	1	3	
April 12	Ellsworth Creamery Co.	Ellsworth	Dairy products	5		5	
April 12	Ellsworth Produce Co.	Ellsworth	Produce	4		4	
April 24	Antrim Iron Co.	Mancelona	Charcoal	81		81	
April 24	Antrim Iron Co.	Mancelona	Railroad	28		28	
April 24	Antrim Iron Co.	Mancelona	Car repairing	3		3	
April 24	Antrim Iron Co.	Mancelona	Lumber	72		72	
April 24	Antrim Iron Co.	Mancelona	Chemicals	62		62	
April 24	Antrim Iron Co.	Mancelona	Pig iron	243	1	244	
April 24	Antrim Iron Co.	Mancelona	Forest products and wood	293		293	
April 24	Antrim Iron Co.	Mancelona	Forest products and logs	72		72	
April 25	Antrim Light & Power Co.	Mancelona	Light and power	5		5	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
ANTRIM Co.—Con.							
April 25	Beam, Warren B.	Mancelona	Lumber	3		3	
April 24	Davidson, A. J.	Mancelona	Custom clothing	1	1	2	
April 24	Erhardt, D. F.	Mancelona	Blacksmithing	1		1	
April 24	Hankey Milling Co.	Mancelona	Flour and feed	3		3	
April 24	Mancelona Grocery Co.	Mancelona	Provisions	5		5	
April 25	Mancelona Herald	Mancelona	Printed matter	2		2	
April 25	Mancelona Lumber Co., The	Mancelona	Lumber	9	1	10	
April 25	Mancelona News, The	Mancelona	Printed matter	2		2	
April 24	Mathewson Harness Co.	Mancelona	Harness	4		4	
April 24	Mead, James	Mancelona	Shoe repairing	2		2	
April 25	Michigan State Telephone Co.	Mancelona	Telephone service	1	3	4	
April 25	O'Brien & Brower	Mancelona	Hardware	2		2	
April 25	Robb, A. J.	Mancelona	Auto repairing	3		3	
April 25	Waldie, F.	Mancelona	Blacksmithing	2		2	
April 24	William's Garage	Mancelona	Auto repairing	2		2	
April 25	Wisler & Co.	Mancelona	Hardware	6	1	7	
ARENAC COUNTY.							
Aug. 10	Herman & Johnson Lumber Co.	Au Gres	Lumber	8		8	
Aug. 10	Omer Mill & Elevator Co.	Omer	Beans	1	1	2	
Aug. 15	Arenac County Independent	Standish	Printing	2	2	4	
Aug. 16	Gottemmyer, W. C.	Standish	Meats	3		3	
Aug. 15	Hardy Millinery Co.	Standish	Millinery		2	2	
Aug. 15	Ireland's Garage	Standish	Auto repairing	6		6	1
Aug. 16	Heinz, H. J. Co.	Standish	Pickles	2		2	
Aug. 16	Knight, E. M.	Standish	Blacksmithing	1		1	
Aug. 16	International Milk Products Co.	Standish	Milk products	9		9	
Aug. 16	Raynak, John	Standish	Blacksmithing	1		1	
Aug. 15	Standish Baking Co.	Standish	Baked goods	1	2	3	
Aug. 16	Standish City Flouring Mills	Standish	Flour, feed and shingles	14		14	
Aug. 16	Standish Elevator Co.	Standish	Grain and beans	2	1	3	
Aug. 16	Steinhurst, A.	Standish	Harness	2		2	
Aug. 16	Sterling Auto Co.	Sterling	Auto repairing	2		2	
Aug. 16	Sterling Elevator Co.	Sterling	Grain and beans	3		3	
Aug. 10	Turner Elevator Co.	Turner	Grain	2	1	3	
Aug. 10	Turner Lumber & Mfg. Co.	Turner	Lumber	4		4	
Aug. 10	Gordon, Blanche	Twining	Millinery	1		1	
Aug. 10	Twining Creamery	Twining	Butter	1	1	2	
Aug. 10	Twining Elevator Co.	Twining	Beans	2	3	5	
BARAGA COUNTY.							
Aug. 29	Baraga County Telephone Co.	Baraga	Telephone service		3	3	
Aug. 29	Baraga Lumber Co.	Baraga	Lumber	90	1	91	4
Aug. 29	Baraga Municipal Water & Light Plant	Baraga	Water and light	2		2	
Aug. 29	Beck, John	Baraga	Meats	3		3	
Aug. 29	Cote, John N.	Baraga	Blacksmithing	1		1	
Aug. 29	Falk, Herman J.	Baraga	Cigars	5	2	7	
Aug. 29	Hackman Tailor Shop	Baraga	Tailoring	1		1	
Aug. 29	Kenefick, M. T.	Baraga	Meats	1		1	
Aug. 29	Nesbitt, Hugh	Baraga	Hardware	3		3	
Aug. 28	Argyros, John	L'Anse	Candy and ice cream	1	1	2	
Aug. 27	Boyer, Joseph	L'Anse	Blacksmithing	2		2	
Aug. 27	Hansen, Matt	L'Anse	Hardware	3		3	
Aug. 27	Jacobson, Chas.	L'Anse	Meats	1		1	
Aug. 27	L'Anse Garage Co.	L'Anse	Auto repairing	3		3	
Aug. 28	L'Anse Hydro-Electric Light & Power Plant	L'Anse	Light and power	3		3	
Aug. 28	L'Anse Sentinel, The	L'Anse	Printing	3		3	
Aug. 27	Sanregret, George	L'Anse	Fruits and ice cream	2		2	
Aug. 27	Stearns & Culver Lumber Co.	L'Anse	Lumber	190	1	191	3
Aug. 27	Upper Peninsula Farmer, The	L'Anse	Printed matter	2		2	
Aug. 27	Welsh, Emery	L'Anse	Meats	3		3	
Aug. 28	Hebard, Charles & Sons, Inc.	Pequaming	Lumber	164		164	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
BARRY COUNTY.							
Sept. 5	Delton Cooperative Creamery Co.	Delton	Butter	3	1	4	
Sept. 5	Delton Elevator Co.	Delton	Grain and feed	3		3	
Sept. 5	Leonard, Wm.	Delton	Barrels	12		12	
Sept. 5	Mantel, G. A. & Son	Delton	Auto repairing	2		2	
Sept. 5	Murdock, J. D. & Co.	Delton	Lumber and coal	4		4	
Sept. 7	Cheesebrough, Thos. E.	Freeport	Handles and rakes	21		21	
Sept. 7	Cool, J. D. & Sons	Freeport	Auto repairing	4		4	
Sept. 7	Curtiss, Chas. A.	Freeport	Lumber	11		11	
Sept. 7	Farmers' Cooperative Creamery Co., Ltd.	Freeport	Butter	2		2	
Sept. 7	Freeport Farmers' Elevator Co.	Freeport	Grain	2		2	
Sept. 7	Freeport Herald, The	Freeport	Printing	1		1	
Sept. 7	Overholt Bros.	Freeport	Produce	1	1	2	
Sept. 7	Walton, Claud L.	Freeport	Auto repairing	2		2	
Aug. 29	American Laundry	Hastings	Laundry	2	2	4	
Aug. 8	Brown, F. A. Co.	Hastings	Plumbing	2		2	
Sept. 4	Citizens Telephone Co.	Hastings	Telephone service	4	9	13	
Aug. 29	City Steam Laundry	Hastings	Laundry	1	1	2	
Aug. 28	Consolidated Press Co.	Hastings	Presses	235	7	242	5
Aug. 29	Crystal Creamery Co.	Hastings	Butter and cheese	6	1	7	
Aug. 29	Edmonds Bros.	Hastings	Grain and coal	6		6	
Aug. 29	Feldpausch & Fedewa	Hastings	Meats	3		3	
Aug. 30	Fuller, R. C. Lumber Co.	Hastings	Lumber	4		4	
Aug. 29	Goodyear Bros. Hardware Co.	Hastings	Hardware and plumbing	9	1	10	
Aug. 30	Grand Rapids Bookcase & Chair Co.	Hastings	Bookcases and chairs	136	7	143	
Aug. 29	Hastings Banner, The	Hastings	Printed matter	7	3	10	
Aug. 29	Hastings Buick Co.	Hastings	Auto repairing	3	1	4	
Aug. 29	Hastings City Water Works	Hastings	Water	4		4	
Aug. 30	Hastings Condensed Milk Co.	Hastings	Milk products	6	1	7	
Aug. 25	Hastings Dry Cleaning Co.	Hastings	Cleaning and pressing	2		2	
Aug. 29	Hastings Lumber & Coal Co.	Hastings	Lumber and coal	3		3	
Aug. 30	Hastings Manufacturing Co.	Hastings	Auto accessories	5	5	10	
Sept. 6	Hastings Milling Co.	Hastings	Flour and feed	3		3	
Aug. 30	Hastings Monument Works	Hastings	Monuments	3		3	
Aug. 30	Hastings Printing Co.	Hastings	Printing	5	1	6	1
Aug. 28	Hastings Table Co.	Hastings	Tables	93	9	102	
Sept. 6	Hastings Transfer Co.	Hastings	Cartage	8	1	9	
Aug. 28	Hastings Wool Boot Co.	Hastings	Wool boots and socks	72	30	102	
Aug. 29	Huling, John	Hastings	Wood working	8		8	
Aug. 29	Hubbard, Miss M. E.	Hastings	Millinery	2	2	2	
Aug. 28	International Seal & Lock Co.	Hastings	Seals and locks	59	39	98	5
Sept. 6	Ironside & Michael	Hastings	Millinery		2	2	
Aug. 29	Jordan & Steele Mfg. Co., The	Hastings	Iron	8		8	
Aug. 30	Laubauch, Arthur	Hastings	Junk	3		3	
Aug. 29	Lawrence Service Garage	Hastings	Auto repairing	2		2	
Sept. 6	Lunn, Chas. E.	Hastings	Merchant tailoring	2		2	
Aug. 30	Michigan Porcelain Insulator Co.	Hastings	Insulators	13	12	25	
Aug. 30	Osborn, Chas. H. Co., The	Hastings	Corset accessories	1	42	43	
Aug. 29	Reo Service Garage, The	Hastings	Auto repairing	2		2	
Sept. 6	Rogers, Jos.	Hastings	Farm products	4	1	5	
Sept. 6	Rogers & Son	Hastings	Coal and ice	4		4	
Aug. 30	Skinner Garage Co.	Hastings	Auto repairing	5		5	
Aug. 30	Smith Bros., Velte & Co.	Hastings	Grain and produce	1		1	
Aug. 29	Smith, Geo., Jr.	Hastings	Meats	2		2	
Sept. 6	Star Bakery Co.	Hastings	Baked goods	8	2	10	
Aug. 29	State Street Garage	Hastings	Auto repairing	2	1	3	
Aug. 29	Thornapple Gas & Electric Co.	Hastings	Gas and electricity	6		6	
Aug. 29	Waters Bros. Elevator Co., Inc.	Hastings	Grain, beans, flour, feed	4	1	5	
Sept. 7	Bennett's Garage	Middleville	Auto repairing	2		2	
Sept. 7	French, R. T.	Middleville	Flour and grain	8	1	9	
Sept. 7	Gonyer's Garage	Middleville	Auto repairing	3	1	4	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>BARRY CO.—Con.</b>							
Sept. 7	Hubbard, Miss M. E.	Middleville	Millinery		2	2	
Sept. 7	Middleville Cooperative Co-partnership Creamery Co., Ltd.	Middleville	Butter	3	1	4	
Sept. 7	Middleville Sun, The	Middleville	Printed matter	2	1	3	
Sept. 7	Thompson, M. E.	Middleville	Meats	3		3	
Sept. 7	Thornapple Gas & Electric Co.	Middleville	Electricity	1		1	
Sept. 7	Westfield & Fall River Lumber Co.	Middleville	Lumber and coal	3	1	4	
Sept. 4	City Steam Laundry	Nashville	Laundry	1	2	3	
Sept. 4	Cook, L. H.	Nashville	Lumber and coal	11		11	
Sept. 4	Farmers' Cooperative Creamery Assn.	Nashville	Butter	3		3	
Sept. 4	Hurd's Garage	Nashville	Auto repairing	4		4	
Sept. 4	Laas, Louis & Son	Nashville	Flour and feed	2		2	
Sept. 4	Lents Table Co	Nashville	Tables	70		70	
Sept. 4	Liebhauser, W. J.	Nashville	Lumber	3		3	
Sept. 4	Marshall & Martens	Nashville	Grain and feed	3		3	
Sept. 4	Nashville Bakery	Nashville	Baked goods	2	2	4	
Sept. 4	Nashville News, The	Nashville	Printed matter	4		4	
Sept. 4	Nashville Water Works	Nashville	Water	1		1	
Sept. 4	Roe, V. L.	Nashville	Auto repairing	2		2	
Sept. 4	Smith, A. M. & Co.	Nashville	Dairy products	2		2	
Sept. 4	Townsend, R. C.	Nashville	Grain and beans	3		3	
Aug. 31	Nietzhamer, F. S.	Woodland	Auto repairing	2		2	
Aug. 31	Smith Bros., Velte & Co.	Woodland	Grain and beans	3	30	33	
Aug. 31	Smith & Trumbo	Woodland	General repairing	2		2	
Aug. 31	Wachter, Leonard	Woodland	Meats	2		2	
Aug. 31	Woodland News, The	Woodland	Printed matter	2		2	
Aug. 31	Woodland Telephone Exchange	Woodland	Telephone service	2	2	4	
Aug. 31	Wright Place, The	Woodland	Baked goods	1	2	3	
<b>BAY COUNTY.</b>							
Sept. 18	Auburn & Bay City Bus Line	Auburn	Passenger service	2		2	
Sept. 18	Auburn Elevator Co.	Auburn	Grain and lumber	3		3	
Sept. 18	Auburn Garage Co.	Auburn	Automobiles	1		1	
Sept. 18	Clark, George W.	Auburn	Blacksmithing	1		1	
Sept. 18	Dengler, Bert	Auburn	Meats	1		1	
Sept. 18	McDonald, Will	Auburn	Baked goods	1		1	
Sept. 18	Schmidt, John K.	Auburn	Blacksmithing	1		1	
June 30	Ackerman, Justus	Bay City	Merchant tailoring	2	2	4	
Sept. 20	Acorn Press, The	Bay City	Printed matter	1		1	
July 11	A. D. Cigar Factory	Bay City	Cigars	3	1	4	
June 30	Adams Express Co.	Bay City	Transportation	7		7	
May 10	Adams, Rodney H.	Bay City	Blacksmithing	1		1	
April 13	Adriance & Shults	Bay City	General repairing	3		3	
July 1	Atfeck Electric Co.	Bay City	Electric supplies	9	1	10	1
Aug. 25	Aladdin Co., The	Bay City	Ready cut houses	235	2	237	9
May 10	Alert Pipe & Supply Co.	Bay City	Mill supplies	24	2	26	
July 6	American Express Co.	Bay City	Express service	18	1	19	
May 11	Arnold, John G.	Bay City	Baked goods	8	2	10	
July 12	Bain, Charles D.	Bay City	Plumbing	4	1	5	1
May 1	Ballamy & Snover	Bay City	Printing	4		4	
Aug. 28	Barnett, Mrs. C. J.	Bay City	Awnings	2	2	4	
July 1	Bate, A. & Son	Bay City	Monuments	2		2	
Aug. 22	Bateson Bros.	Bay City	Cement blocks	8	1	9	
April 17	Bay City Auto Co.	Bay City	Autos	15	1	16	
June 26	Bay City Auto Body Co.	Bay City	Auto bodies	7		7	
May 8	Bay City Auto Wrecking Co.	Bay City	Auto repairs	5		5	
June 8	Bay City Baking Co.	Bay City	Baked goods	12	8	20	
May 10	Bay City Brewing Co.	Bay City	Brewing	27		27	
Aug. 30	Bay City Broom Factory	Bay City	Brooms	3		3	
June 11	Bay City Buick Co.	Bay City	Garage	6	1	7	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>BAY Co.—Con.</b>							
June 4	Bay City Cast Stone Block Co.	Bay City	Stone blocks	29	1	30	
April 13	Bay City Cigar Co.	Bay City	Cigars	5	176	181	
May 14	Bay City Cornice Works	Bay City	Sheet metal	3		3	
June 30	Bay City Democrat, The	Bay City	Printing	10	3	13	
April 3	Bay City Dredge Works	Bay City	Dredges	41		41	
July 1	Bay City Electric Light Dept.	Bay City	Electric service	19	3	22	
May 9	Bay City Foundry & Machine Co.	Bay City	Machines	123	2	125	
April 12	Bay City Grain Co.	Bay City	Flour and feed	4	1	5	
April 11	Bay City Grocer Co.	Bay City	Wholesale groceries	31	5	36	
May 14	Bay City Ice Cream Co.	Bay City	Ice cream	3		3	
April 6	Bay City Iron Co.	Bay City	Machinery and castings	80		80	
July 1	Bay City Laundry Co.	Bay City	Laundry	7	17	24	
June 11	Bay City Manufacturing Co.	Bay City	Cement blocks	7		7	
May 17	Bay City Messenger Service	Bay City	Messenger service	3		3	
July 20	Bay City Milling Co.	Bay City	Grain	5	1	6	
April 24	Bay City Omnibus Co.	Bay City	Livery	14	1	15	
May 14	Bay City Packing Co.	Bay City	Packing	10	4	14	
June 1	Bay City Plumbing & Heating Co.	Bay City	Plumbing	13		13	3
Sept. 25	Bay City Ready-Cut Home Co.	Bay City	Ready-cut houses	49	3	52	3
Aug. 22	Bay City Stone Co.	Bay City	General contracting	97		97	
April 18	Bay City Times Tribune	Bay City	Printing and publishing	46	5	51	3
May 29	Bay City Tire & Supply Co.	Bay City	Tires	12	3	15	3
May 28	Bay City Typesetting Co.	Bay City	Type setting	2		2	
July 10	Bay City Welding Co.	Bay City	Cuttings and welding	1		1	
April 17	Bay City Welding Co.	Bay City	Welding & auto repairing	3		3	
May 24	Bay City Wood & Ice Co.	Bay City	Coal and wood	12	1	13	
May 23	Bay City Wood Plaster Co.	Bay City	Plaster	7		7	
April 26	Becker, H.	Bay City	Produce	6		6	
Aug. 30	Behmlander, George	Bay City	Meats	2		2	
May 11	Belworthy, B.	Bay City	Merchant tailoring	4	2	6	
Aug. 22	Benson Fish Co., The	Bay City	Fish	12		12	
July 11	Beutel Pickling & Canning Co.	Bay City	Pickles	13	31	44	
Aug. 30	Bergevin & Hamme	Bay City	Millinery		2	2	
June 11	Bering, W. A.	Bay City	Watch repairing	1		1	
Aug. 23	Beutel Fisheries Co.	Bay City	Fish	14	1	15	
June 11	Bigelow-Cooper Co., The	Bay City	Lumber	117	2	119	
May 14	Bluhm, Emil E.	Bay City	Blacksmithing	2		2	
April 9	Boehringer Bros.	Bay City	Flowers	13	6	19	
June 11	Booth Fisheries Co.	Bay City	Fish	9		9	
May 25	Bousfield & Co.	Bay City	Cooperage	139	16	155	37
June 11	Bradley, Miller & Co.	Bay City	Lumber, etc.	150	2	152	6
June 30	Breen, John F.	Bay City	Sporting goods	5		5	
Aug. 30	Bromfield & Colvin	Bay City	Grain	10	1	11	
April 12	Bromfield & Colvin	Bay City	Grain and seeds	11	31	42	
Sept. 17	Brown, Mrs. J.	Bay City	Millinery		3	3	
Dec. 7	Brown, Mrs. M. M. King	Bay City	Fur repairing		4	4	
Aug. 31	Buehler Brothers	Bay City	Meats	5	1	6	
Aug. 21	Burkhardt, Robert	Bay City	Meats	3		3	
May 8	Burroughs, E. E.	Bay City	Furniture	3		3	
Aug. 29	Buttinnes, Joe	Bay City	Shoe repairing	1		1	
Aug. 27	Campbell, Hugh & Sons	Bay City	Contracting	45		45	
June 11	Caplan, C. H.	Bay City	Clothing	1	1	2	
Sept. 11	Carney & Sloan	Bay City	Lumber	6	1	7	
May 2	Carroll, John	Bay City	Produce	13	3	16	
April 26	Carrol, D. J. & Co.	Bay City	Confectionery	3	1	4	
Sept. 26	Corliss Bread Co.	Bay City	Baked goods	6	2	8	
June 8	Cash, F. H. Co.	Bay City	Cold storage	5		5	
Dec. 3	Cass Avenue Coal Co., The	Bay City	Coal	3	1	4	
Aug. 21	Cass City Grain Co.	Bay City	Grain and beans	2	1	3	
April 18	Central Auto Co.	Bay City	Auto repairing	7	1	8	



Factory Inspection.—Continued.

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BAY CO.—Con.							
July 11	Central Coal Co.	Bay City	Coal and sewer pipes	7		7	
July 1	Central Michigan Oakland Co.	Bay City	Garage	8	1	9	
May 28	Chatfield Milling & Grain Co.	Bay City	Grain and feed	19	1	20	
April 16	Chevrolet Motor Co.	Bay City	Motors	328	15	343	
May 16	City Fuel & Supply Co.	Bay City	Coal and mason supplies	12		12	
June 30	Clapp Brothers	Bay City	Dry cleaning	6	5	11	
Sept. 17	Clark, M. V.	Bay City	Millinery		2	2	
May 4	Cleary, Walter	Bay City	Blacksmithing	2		2	
July 11	Clute Coal & Supply Co.	Bay City	Coal and supplies	23	2	25	
Oct. 31	Columbia Sugar Co.	Bay City	Sugar	422	14	436	
July 9	Consumers Power Co.	Bay City	Electricity	18		18	
May 11	Corey, M. A. Co.	Bay City	Plumbing	5	1	6	
April 12	Cornwell Co., The	Bay City	Meats and produce	17	2	19	
June 30	Cosendai Dye Works	Bay City	Dry cleaning	2	1	3	
May 4	Cowan, W. A.	Bay City	Ice cream	3	1	4	
Dec. 4	Creemery Package Mfg. Co.	Bay City	Hoops	12		12	
April 20	Croteau, Madame	Bay City	Millinery		5	5	
June 30	Czapski, Bernard	Bay City	Merchant tailoring	1	1	2	
Aug. 31	Dardas, A. W.	Bay City	Cigars	3	1	4	
Aug. 31	Dardas, John S.	Bay City	Coal	2	1	3	
Aug. 30	David's Electric	Bay City	Shoe repairing	2		2	
Aug. 22	Davidson, James	Bay City	Ship repairing	100		100	
June 11	Defoe Boat & Motor Works	Bay City	Boats	18	2	20	
April 24	Della, J.	Bay City	Auto repairing	2		2	
Aug. 29	Delphon Co., The	Bay City	Musical instruments	19	3	22	5
July 12	Denz Garage Co.	Bay City	Auto repairing	3		3	
July 3	Detroit, Bay City & Western R. R. Co.	Bay City	Passenger service	144	2	146	
Sept. 21	Detroit & Mackinac Railway Co.	Bay City	Freight service	20		20	
July 16	Dilas, George S. & Co.	Bay City	Ice cream	14	18	32	
Sept. 20	Drake, Geo.	Bay City	Shoe repairing	1		1	
May 17	Dupont, E. I. DeNemours Co.	Bay City	Wood products	88	2	100	
June 11	Economy Coal Co.	Bay City	Coal and cement	6		6	
April 26	Edgar, H. A. Estate	Bay City	Produce	3	1	4	
Aug. 29	Elbinger, S.	Bay City	Shoe repairing	1		1	
April 26	Ellsworth & Son	Bay City	Produce	2		2	
April 24	Enterprise Machine Shop	Bay City	General repairing	9		9	
Aug. 31	Esseltine, D.	Bay City	Painting	1		1	
July 18	Farmers' Auto & Machinery Co.	Bay City	General merchandise	12	2	14	
June 26	F. K. Cigar Co., The	Bay City	Cigars	3	1	4	
Aug. 31	Fish, W. D.	Bay City	Painting	8	2	10	
July 18	Fisk, William E.	Bay City	Cigars	1		1	
April 4	Fleming Ice Cream Co.	Bay City	Ice cream	5	1	6	
April 11	Foss, Estate of Edgar B.	Bay City	Lumber and boxes	152	1	153	2
June 11	Fox, W. D. & Son	Bay City	Lumber	5		5	
Nov. 19	Franck Chicory Co.	Bay City	Chicory products	29		29	
Oct. 1	Frank Photo Studio	Bay City	Photography	1	1	2	
June 4	Freel, James	Bay City	Sheet iron	1	1	2	
May 3	Fulton Mfg. Co.	Bay City	Baby carriages	114	63	177	
May 25	Furman, L.	Bay City	Pumps	3		3	
June 18	Gage, Robert Coal Co.	Bay City	Coal	5	3	8	
Sept. 4	Gardner, Wm.	Bay City	Coal and wood	5	1	6	
Aug. 27	Ginsberg & Lazarus	Bay City	Hides	2		2	
Oct. 1	Glave, William L.	Bay City	Cigars	1		1	
June 11	Goddeyne, L. D.	Bay City	Electric plating	2		2	
May 29	Goodden, Charles J.	Bay City	Auto repairing	2		2	
May 29	Grabowsky, E. & Co.	Bay City	Hides	4	1	5	
June 30	Grand Trunk Railway System	Bay City	Passenger service	1		1	
June 30	Grand Trunk Railway System	Bay City	Freight service	11	2	13	
Dec. 11	Gray, James	Bay City	Printing	3		3	1
April 23	Graves Cycle & Auto Supply Co.	Bay City	Auto & bicycle repairing	5	1	6	

## Factory Inspection.—Continued.

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<b>BAY CO.—Con.</b>							
April 6	Great Lakes Brass Foundry, The	Bay City	Brass, etc.	3		3	
May 31	Greenwald Auto Co.	Bay City	Automobiles.	5	1	6	
Apr 30	Greenwald's Laundry	Bay City	Laundry	8	36	44	
May 17	Gregory, C. & J.	Bay City	Printing and binding	23	7	30	
April 17	Gregory Farm Seed Co.	Bay City	Seeds.	2	10	12	
June 7	Gregory, W. Monument Co.	Bay City	Monuments	8		8	
July 16	Grinnell Bros.	Bay City	Pianos & musical supplies.	10	5	15	
April 30	Grove, W. J.	Bay City	Sheet iron.	3		3	
Aug. 27	Guntermann, C. A. & Son	Bay City	Meats	6		6	
May 7	Hagaman & Storrs Co., The	Bay City	Machinery	5		5	
May 1	Hahn, B. R. Cigar Mfg. Co.	Bay City	Cigars	21	8	29	
May 18	Haller, F. C.	Bay City	Blacksmithing.	1		1	
Dec. 4	Hawley, C. R.	Bay City	Millinery		3	3	
June 19	Hamme, Fred.	Bay City	Baked goods.	5	2	7	
May 9	Hammond, Standish & Co.	Bay City	Meats	11	1	12	
May 29	Handy Bros. Coal Retail Dept.	Bay City	Coal	13	1	14	
May 21	Handy Bros. Box Factory	Bay City	Box shooks	65	2	67	
May 8	Hanson-Ward Veneer Co.	Bay City	Veneer and flooring.	152	14	166	5
Dec. 6	Harman Studio.	Bay City	Photography	1		1	
June 1	Harris Coal Co.	Bay City	Coal and scrap iron.	20		20	
May 1	Hartig Brothers.	Bay City	Printing.	4		4	1
Aug. 21	Heil & Foerster.	Bay City	Meats	4		4	
May 24	Helper Bros.	Bay City	Scrap iron.	18	1	19	
Dec. 7	Hess, R. M.	Bay City	Dressmaking.		7	7	
July 9	Hine, G.	Bay City	Meats	4	1	5	1
May 14	Hine Lumber Co.	Bay City	Lumber and salt.	35	1	36	
May 25	Hirschfeld, H. & Son.	Bay City	Scrap iron.	9		9	
June 12	Hitchcock, Mrs. H.	Bay City	Millinery		2	2	
June 12	Hitchcock, Henry.	Bay City	Board rules	1		1	
May 25	Hodgins, Geo.	Bay City	Blacksmithing.	1		1	
Sept. 11	Hoffman, Miss M.	Bay City	Cleaning and pressing.	1	1	2	
May 11	Hobbs, George H.	Bay City	Sheet iron.	3	1	4	
July 16	Holahan's Hat Shop.	Bay City	Millinery		6	6	
Dec. 5	Holland Furnace Co.	Bay City	Furnaces	11		11	
June 8	Home Laundry	Bay City	Laundry	1	3	4	
Sept. 20	Host Shoe Repairing Co., The	Bay City	Shoe repairing.	5		5	1
April 30	Hubbell Auto Sales Co.	Bay City	Auto accessories.	19	1	20	
Aug. 31	Hurley Bros.	Bay City	Printing.	5	4	9	1
Oct. 2	Hutton Brothers	Bay City	Hides.	4	1	5	
April 30	Ideal Plumbing Co., The.	Bay City	Plumbing.	29		29	
May 31	Industrial Works	Bay City	Cranes, etc.	1,189	17	1,206	5
May 19	International Mill & Timber Co.	Bay City	Ready cut houses	116	42	158	
June 7	Irvine's Green Houses	Bay City	Flowers.	2	1	3	
May 7	Island Lumber Co.	Bay City	Lumber.	30		30	
Aug. 31	Jablonski, Frank	Bay City	Cigars	1		1	
June 7	Jackson, E.	Bay City	Dry goods.	2	2	4	
May 10	Jennison Hardware Co., The.	Bay City	Hardware.	20	4	24	
April 4	Jeraw Electric Co.	Bay City	Electric supplies.	6	1	7	
April 23	Johnson, Mrs. F. O.	Bay City	Millinery		2	2	
May 16	Kantaler, John & Sons.	Bay City	Lumber.	5	2	7	
June 20	Karpus, Geo. W.	Bay City	Millinery	1	3	4	
Aug. 20	Kaunits Boat Works, The.	Bay City	Boat building.	3		3	
May 18	Kaunts, George.	Bay City	Clothing	1	2	3	
Sept. 4	Kavanaugh, W. P.	Bay City	Fish	19	2	21	
Aug. 21	Keit, Martin	Bay City	Flowers.	4	2	6	2
May 18	Kelley Sign Co.	Bay City	Sign painting.	2		2	
May 17	Kelton-Aurand Mfg. Co.	Bay City	Furniture.	30	41	71	
May 1	King Electric Co.	Bay City	Electrical appliances.	5		5	
July 20	Kirchman Bros.	Bay City	Woodenware.	7	1	8	
May 9	Kneeland-Bigelow Co., The.	Bay City	Lumber.	81	2	83	

Factory Inspection.—Continued.

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BAY Co.—Con.							
June 18	Kneeland, Lunden & Bigelow Co.	Bay City.	Lumber.	107	1	108	2
April 24	Koch-O'Brien.	Bay City.	Painting and decorating.	17	1	18	
May 21	Kolb Brewing Co.	Bay City.	Brewing.	10		19	
Aug. 27	Kometh, Robert.	Bay City.	Baked goods.	1		1	
June 26	Koeciuzsko Baking Co.	Bay City.	Baked goods.	2	1	3	
May 8	Kopec, I. W.	Bay City.	Bicycles.	4		4	
May 3	Kuhlman Electric Co.	Bay City.	Electrical apparatus.	56	8	64	
Nov. 27	Kuhlrow, F. C. & Son.	Bay City.	Meats.	2		2	
May 16	Laderach, C. R.	Bay City.	Sheet metal.	2		2	
June 4	Laderach, Oscar H.	Bay City.	Sheet metal.	2		2	
April 26	Ladoneur, E.	Bay City.	Harness.	1		1	
Dec. 3	Lafay, Elisabeth.	Bay City.	Millinery.		2	2	
Aug. 30	LaFrance, G. & H.	Bay City.	Passenger service.	2		2	
April 18	Lambert, John P. Co.	Bay City.	Printing.	8	1	9	
Sept. 1	Laporte & Schafer.	Bay City.	Sheet metal.	3		3	
July 18	Lardner Plumbing & Heating Co.	Bay City.	Plumbing.	2	1	3	
May 2	Leighton, Jos.	Bay City.	Fruits and vegetables.	4		4	
May 10	Lewis Manufacturing Co.	Bay City.	Lumber, ready-cut houses.	123	15	138	2
May 11	Long, Walter J.	Bay City.	Cigars.	2	1	3	
June 4	Lounsberry, John.	Bay City.	Blacksmithing.	2		2	
Aug. 29	Luts, Fred.	Bay City.	Painting and decorating.	23	1	24	
Aug. 3	Lutske, Frank E.	Bay City.	Printing.	1	1	2	
July 11	McDonald Bean Co.	Bay City.	Beans.	7	72	79	5
June 20	MacKinnon Boiler & Machine Co.	Bay City.	Machinery.	64	1	65	2
Aug. 23	McCarthy, P. L.	Bay City.	Plumbing.	2		2	
May 29	McDonald, J. A.	Bay City.	Blacksmithing.	4		4	
Aug. 29	McGinty, J. J.	Bay City.	Milk.	3		3	
Nov. 27	McIntosh, George D.	Bay City.	Plumbing.	2		2	
May 29	McKerlie, D. K.	Bay City.	Garage.	2	1	3	
Aug. 28	McRae, Reid & Co.	Bay City.	Wholesale groceries.	9	2	11	
June 7	Mangold, C. & Co.	Bay City.	Cigars.	4	2	6	
Sept. 20	Manning, Miss Agnes.	Bay City.	Millinery.		1	1	
May 29	Marande, J.	Bay City.	Blacksmithing.	3		3	
Aug. 31	Marion, A. G.	Bay City.	Carpet cleaning.	2		2	
Aug. 21	Marsh Floral Co.	Bay City.	Flowers.	4		4	1
April 30	Martin's Automobile Garage.	Bay City.	Auto repairing.	4		4	
June 4	Mason, George E.	Bay City.	Shoe repairing.	2		2	
May 25	Matthew Lamont's Sons Co.	Bay City.	Sash doors.	32	2	34	
June 20	Maus, L. A.	Bay City.	Baked goods.	2	1	3	
May 8	Maynard, E. H.	Bay City.	Blacksmithing.	1		1	
May 29	Meagher Bros. Co.	Bay City.	Ice and fuel.	12	1	13	
May 9	Meisel, Herman & Sons.	Bay City.	Wholesale groceries.	8	1	9	
May 18	Meisel, Wm. F.	Bay City.	Wholesale confectionery.	2	1	3	
June 12	Meister, R. & Son.	Bay City.	Machinery.	4	1	5	
June 4	Merkle, Christ.	Bay City.	Shoe repairing.	2		2	
Sept. 14	Michigan Central R. R. Co.	Bay City.	Building department.	40		40	
Sept. 8	Michigan Central R. R. Co.	Bay City.	Common carrier.	28	5	33	
Sept. 8	Michigan Central R. R. Co.	Bay City.	Common carrier.	238	5	243	
Sept. 8	Michigan Central R. R. Co.	Bay City.	Common carrier.	101	1	102	
Sept. 28	Michigan Central R. R. Co.	Bay City.	Freight.	100	1	101	
Sept. 28	Michigan Central R. R. Co.	Bay City.	Passenger service.	178		178	
Sept. 28	Michigan Central R. R. Co.	Bay City.	Passenger service.	102		102	3
Sept. 28	Michigan Central R. R. Co.	Bay City.	Railroading.	6		6	
April 15	Michigan Central R. R. Co.	Bay City.	Repairing cars.	164		164	
June 11	Michigan Dredge Co., Inc.	Bay City.	Dredges.	12		12	
July 5	Michigan Light Co.	Bay City.	Gas.	62	10	72	1
April 16	Michigan Pipe Co., The.	Bay City.	Wood pipes.	54	2	56	
April 23	Michigan State Telephone Co.	Bay City.	Telephone service.	23	70	93	
July 20	Miller Auto Co.	Bay City.	Auto repairing.	5	1	6	1
Sept. 20	Miller, Truman.	Bay City.	Meats.	2		2	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>BAY CO.—Con.</b>							
Aug. 29	Miller & Koffman	Bay City	Hides and furs	2		2	
Aug. 28	Miller's Modern Shoe Shop	Bay City	Shoe repairing	2		2	
July 12	Model Bakery	Bay City	Baked goods	2		2	
Aug. 23	Mohr Hardware & Furniture Co.	Bay City	Hardware & automobiles	6		6	1
Aug. 31	Monkowitz, Louis	Bay City	Custom tailoring	2	2	4	
July 16	Mueller, Adolph F.	Bay City	Custom tailoring	8	7	15	
July 1	Mulholland & Meiselbach	Bay City	Plumbing	6		6	
Nov. 19	Muller, E. B. & Co.	Bay City	Chicory products	24	1	25	
May 25	Nagle, Michael J.	Bay City	Blacksmithing	1		1	
April 17	National Grocer Co.	Bay City	Wholesale groceries	24	5	29	
Aug. 30	Natisis Brothers	Bay City	Candy	2	2	4	
May 28	Neue Mich. Freie Presse	Bay City	Printing	1		1	
June 4	Neumann Wet Wash	Bay City	Washing	3	3	6	
Nov. 27	New York Bakery	Bay City	Baked goods	3	2	5	1
Aug. 28	New York Tailor	Bay City	Custom tailoring	1		1	
April 9	Nickless, W. H.	Bay City	Box factory	50	1	51	3
May 9	Nieman, William L.	Bay City	Cigars	1		1	
May 17	Nitachky-Grant Electric Co.	Bay City	Electrical contracting	3		3	
May 7	North American Chemical Co., The	Bay City	Chemicals	161		161	
Sept. 11	Northeastern Butter Co., The	Bay City	Butter	1		1	
May 18	Obey, I. & Son	Bay City	Wholesale liquors	5	1	6	
Oct. 1	Ouellette, W. J.	Bay City	Boats	1		1	
Sept. 4	Paragon Refining Co., The	Bay City	Oils and greases	5	1	6	
July 18	Parker's Taxi Co.	Bay City	Passenger service	2		2	
June 4	Parrent, William J.	Bay City	Cigars	1	1	2	
Sept. 26	Pere Marquette R. R. Co.	Bay City	Freight	34	3	37	2
May 2	Perkins, A. B. Co., The	Bay City	Wholesale fruits	13	2	15	
May 7	Perkins Bros., Inc.	Bay City	Peanut products	5	5	10	
April 10	Pfuger, J. P.	Bay City	Blacksmithing	1		1	
May 21	Phoenix Brewing Co.	Bay City	Brewing	23		23	
May 9	Piggott Bros., Inc.	Bay City	Furniture and stoves	6	3	9	
Dec. 6	Pioneer Boat & Pattern Co.	Bay City	Boats	2		2	
May 2	Pionaty, M. & Sons	Bay City	Fruits	5	1	6	
July 16	Postal Telegraph	Bay City	Telegraph	4	1	5	
May 1	Presley & Layer	Bay City	Implements	4		4	
Sept. 20	Randall, Mrs. Harry	Bay City	Millinery		2	2	
Aug. 23	Reinhardt, H. C. & Sons	Bay City	Blacksmithing	4		4	
May 9	Ross & Wentworth	Bay City	Lumber	103	1	104	
July 1	Ricard, Madam	Bay City	Millinery		1	1	
June 15	Richardson Lumber Co.	Bay City	Lumber	63	1	64	
June 7	Rins, John	Bay City	Meats	3		3	
June 4	Ripley, Albert E. Printing Co.	Bay City	Printing	3	2	5	
April 13	Riverside Truck & Storage Co., The	Bay City	Truck and storage	7	1	8	
May 29	Rivet, C.	Bay City	Blacksmithing	2		2	
July 18	Robascheck, A.	Bay City	Woodenware	6	1	7	
June 15	Roeller Foundry Co.	Bay City	Castings	82		82	3
May 28	Rosenbury, C. E. & Sons	Bay City	Furniture	10	8	18	
April 9	Russell, L. R.	Bay City	Mattresses	5	2	7	
May 4	St. Laurent Bros.	Bay City	Peanut butter	6	4	10	
July 9	Saginaw-Bay City Railway Co.	Bay City	Electric power	205	1	206	
April 14	Salsburg Garage, The	Bay City	Garage	2		2	
Aug. 27	Saunders, John	Bay City	Shoe repairing	1		1	
May 29	Schepper & Covert	Bay City	Copper and sheet iron	19	1	20	1
June 19	Schindehette, Martin	Bay City	Beer	8		8	
Dec. 11	Schneideman, S.	Bay City	Ladies' tailoring	2	5	7	
Dec. 11	Schneideman, S.	Bay City	Millinery	1	2	3	
May 16	Schneider, J. A.	Bay City	Cigars	1	1	2	
July 12	Schrader, John	Bay City	Meats	3		3	
Sept. 14	Schultz, C. C.	Bay City	Meats	2		2	
June 7	Schultz, Julius	Bay City	Flowers	3		3	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
BAY CO.—Con.							
Aug. 21	Schutt, John	Bay City	Banana crates	2		2	
Aug. 30	Searing, Mrs.	Bay City	Millinery		2	2	
Sept. 6	See, Allan C.	Bay City	Upholstering	3		3	
May 7	See, John A.	Bay City	Furniture	4		4	
June 4	Seidel Creamery Co.	Bay City	Cream	11	2	13	1
June 4	Shannon, John M.	Bay City	Carriage repairing	1		1	
June 4	Sheets, L. D.	Bay City	Machine repairing	2		2	
May 14	Shillaire, A. M. & Sons	Bay City	Beer	5		5	
Dec. 12	Singer Sewing Machine Co.	Bay City	Sewing machines	5	2	7	
June 1	Sitterding Bros.	Bay City	Plumbing	2		2	
June 4	Sleight, Wm.	Bay City	Baked goods	3	1	4	
June 15	Smalley General Co.	Bay City	Gas engines	45	2	47	
April 23	Smalley Paint & Glass Co.	Bay City	Paint and glass	2		2	
July 1	Smeer Shoe Repairing Co.	Bay City	Shoe repairing	5		5	1
May 29	Smith, Charles	Bay City	Cigars	1	1	2	
July 1	Smith, Ferd H.	Bay City	Harness	3		3	
May 9	South End Ice & Coal Co.	Bay City	Coal and ice	4	1	5	
April 10	Sparr, H. F.	Bay City	Bicycle repairing	3		3	
Sept. 11	Spinner, J. W.	Bay City	Fertilizers	7		7	
May 17	Standard Hoop Co., Ltd.	Bay City	Lumber and hoops	85	1	86	10
June 4	Standard Oil Co.	Bay City	Oils	16		16	
Oct. 2	Standard Repair Shop.	Bay City	Auto repairing	3	1	4	
Sept. 16	Standard Woolen Co.	Bay City	Custom clothing	2		2	
Aug. 29	Star Laundry	Bay City	Laundry	2	5	7	
May 29	Stegmann, Theodore	Bay City	Hides	7		8	
May 29	Sterling, W. C. & Son Co.	Bay City	Cedar posts	1		1	
May 16	Stevens Creamery Co.	Bay City	Milk and ice cream	6	1	7	
June 11	Stitcher, Charles E.	Bay City	Blacksmithing	1		1	
May 9	Styinger, J. A.	Bay City	Coppersmith	3		3	
July 20	Sutherland, Andrew	Bay City	Baked goods	2	3	5	
Aug. 29	Sweet, Gertrude	Bay City	Millinery		1	1	
June 1	Swiss Garment Cleaning Co.	Bay City	Garment cleaning	1	1	2	
Aug. 30	Talberg, H.	Bay City	Custom clothing	1	1	2	
Aug. 23	Tanner & Daily	Bay City	Wholesale groceries	25	5	30	
April 10	Taylor, I. J.	Bay City	Merchant tailoring	3	1	4	
June 10	Taylor, Wm. & Son	Bay City	Cigars	2	2	4	
May 11	Teall, Walt N.	Bay City	Tailoring	3	2	5	
June 4	Telfer, A.	Bay City	Harness	1		1	
Aug. 23	Thormahlen Bros.	Bay City	Fish	3		3	
Sept. 11	Thorne Electric Co., The	Bay City	Electric supplies	18		18	2
June 7	Timm, Fred R.	Bay City	Cigars	2	1	3	
April 24	Tinlin & Crawford	Bay City	Bicycle repairing	2		2	
May 14	Toeppner Brothers	Bay City	Carriages and trunks	6		6	
April 26	Tom, Lee	Bay City	Laundry	2		2	
Sept. 26	Tomlinson, W. H. & Co.	Bay City	Wholesale leather	2	1	3	
June 30	Tommy's Messenger Service	Bay City	Messenger service	6		6	2
July 9	Tossell, J. P.	Bay City	Sheet iron	3		3	
May 24	Tri-Pure Water Co.	Bay City	Water	2	1	3	
Dec. 6	Union Motor Truck Co.	Bay City	Motor trucks	27	1	28	2
May 29	U. S. Bridge & Pipe Co.	Bay City	Bridges and culverts	5		5	
June 4	Utermalen, L. E.	Bay City	Furniture	1	1	2	
May 24	Valley Ice & Fuel Co.	Bay City	Ice	28	2	30	1
Nov. 5	Valley Home Telephone Co.	Bay City	Telephone service	13	30	43	
July 9	Valley Pattern Works	Bay City	Patterns	1		1	
Sept. 11	Valley Stone & Furnace Co.	Bay City	Furnaces	2	1	3	
May 7	Valley Vulcanizing Works	Bay City	Vulcanizing	4	1	5	
April 10	Vance Box Co.	Bay City	Boxes and lumber	104	2	106	20
June 12	Van Haaren, P. & Sons	Bay City	Trucking and storage	18		18	
May 16	Van Popplen & Munley	Bay City	Coal and mason supplies	18	1	19	
May 25	Vassar Knitting Mills	Bay City	Knitted goods	7	28	35	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
BAY Co.—Con.							
June 11	Vogtmann, John A.	Bay City	Milling	9		9	
July 1	Walther, A. & Sons	Bay City	Plumbing	5		5	
May 10	Walther's Department Store	Bay City	Millinery	1	8	9	
July 1	Wanless, H. & Son	Bay City	Harness and leather	2		2	
April 30	Warfield & Babcock	Bay City	Livery	5		5	
May 28	Washington Garage Co	Bay City	Auto repairing	3	1	4	
July 1	Water Works Department	Bay City	Water	50	2	52	
May 7	Watson & Richardson	Bay City	Lumber	14		14	
Sept. 20	Weatherwax, L. J.	Bay City	Millinery	1	2	3	
Dec. 17	Weber, Henry C. Construction Co.	Bay City	Contracting	107	1	108	
April 24	Weiler Auto Co.	Bay City	Auto repairing	7	1	8	
July 10	Wenona Garage	Bay City	Auto repairing	3		3	
Dec. 4	Wendland, H. G.	Bay City	Millinery		11	11	
Aug. 22	West Bay City Cooperage Co.	Bay City	Cooperage	2		2	
Nov. 12	West Bay City Sugar Co.	Bay City	Sugar	255	3	258	
Oct. 1	Western Union Telegraph Co.	Bay City	Telegraph service	11	8	19	
April 3	Westover-Kamm Co.	Bay City	Lumber	75	1	76	3
July 26	West Side Electric Co.	Bay City	Electric supplies	5		5	
Sept. 21	Wells, Whitney	Bay City	Contracting	7		7	
May 7	White Sewing Machine Co.	Bay City	Sewing machines	4	1	5	
April 4	Whitney, W. E. & Son	Bay City	Sheet iron	4		4	
May 29	Wegner, H. O.	Bay City	Cigars	1	1	2	
April 6	Wilhelm, Julius	Bay City	Cigars	4		4	
Sept. 14	Wilkin, S. V.	Bay City	Custom clothing	11	6	17	
Dec. 22	Wilson, C. R. Body Co.	Bay City	Auto bodies	92	1	93	
May 16	Williams, A. S. & Co.	Bay City	Coal and wood	8		8	
June 7	Williston, G. A. & Son	Bay City	Soft drinks	3		3	
June 4	Wirth, L. F. & Co.	Bay City	Meats	4		4	
June 26	Wisniewski, Henry J.	Bay City	Plumbing	4		4	
May 28	Witzleben, G. O.	Bay City	Bookbinding	2	1	3	
Sept. 28	World's Star Knitting Co.	Bay City	Hosiery and underwear	45	395	440	6
May 31	Wright, G. A.	Bay City	Monuments	1		1	
June 11	Wurdock, F. S. & Sons	Bay City	Painting and decorating	7	1	8	
Aug. 22	Young Cattle & Packing Co., The	Bay City	Meats	17	1	18	
April 17	Young, Edward, Garage	Bay City	Auto repairing	2		2	
Sept. 17	Young, John	Bay City	Plumbing	1		1	
June 4	Zagelmeyer Stone Block Machine Co.	Bay City	Block molds	9		9	
June 26	Zaremba, Mary	Bay City	Millinery		1	1	
Oct. 9	Bentley Elevator Co.	Bentley	Grain and beans	2		2	
Sept. 4	Cotter, John R.	Essexville	Boats	4		4	
Sept. 4	Dean, Frank	Essexville	Blacksmithing	1		1	
Nov. 10	Michigan Chemical Co.	Essexville	Alcohol	43	1	44	
Nov. 10	Michigan Sugar Co.	Essexville	Sugar	371	4	375	3
Sept. 10	Kolb, John	Frankenlust	General repairing	1		1	
Sept. 10	Michigan Brick Co., The	Frankenlust	Bricks	56		56	
Nov. 19	Franck Chicory Co.	Kawkawlin	Chicory products	23		23	
Sept. 12	Libby, McNeill & Libby	Linwood	Pickles	2		2	
Sept. 12	Linwood Telephone Exchange	Linwood	Telephone service	1	4	5	
Sept. 12	Pinconning Elevator Co.	Linwood	Grain	2		2	
Sept. 12	Sherman, C. H.	Linwood	Blacksmithing	1		1	
Sept. 10	Domdey & Enser	Munger	Implements	2		2	
Sept. 10	Howell, Geo. L.	Munger	Feed and grain	1		1	
Sept. 10	Munger & Reese Telephone Co.	Munger	Telephone service	1	4	5	
Sept. 10	Schnettler Bros.	Munger	Auto repairing	2		2	
Sept. 10	Schnettler, Otto	Munger	Hardware	3		3	1
Aug. 17	Chicory State Land & Lumber Co.	Pinconning	Lumber	2		2	
Aug. 17	Decaire, Levi	Pinconning	Auto repairing	2	1	3	
Nov. 10	Franck Chicory Co.	Pinconning	Chicory products	30		30	
Aug. 17	Northern Elevator Co.	Pinconning	Grain and beans	2	8	10	
Aug. 17	Pinconning Elevator Co., The	Pinconning	Grain and beans	4	13	17	
Aug. 17	Pinconning Light & Power Co., The	Pinconning	Electricity	4		4	
Aug. 17	Urban Brothers	Pinconning	Butter	2		2	
Aug. 17	Walking, Thomas W.	Pinconning	Lumber	3		3	

Factory Inspection.—Continued.

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<b>BENZIE COUNTY.</b>							
Dec. 10	Clark, O. W.	Bendon	Lumber and shingles	4		4	
Dec. 7	Benzie Consolidated Telephone Co.	Benzonia	Telephone service	5	4	9	
Dec. 7	Benzonia Garage	Benzonia	Auto repairing	3		3	
Dec. 7	Case Brothers Lumber Co.	Benzonia	Building materials	2		2	
Dec. 7	Judson, E. B.	Benzonia	Produce	2		2	
Dec. 7	Strang, C. J. & Son	Beulah	Printing	2	1	3	
Dec. 7	Green, V. R.	Beulah	Auto livery	2		2	
Dec. 7	Rockwell & Voorheis	Beulah	Meats	2		2	
Dec. 1	Desmond Charcoal & Chemical Co.	Carter Siding	Charcoal chemicals	99		99	1
Dec. 6	Ann Arbor R. R. Co., The	Elberta	Freight	8		8	
Dec. 6	Ann Arbor R. R. Co., The	Elberta	Car repairing	28		28	
Oct. 1	Armour & Co.	Frankfort	Canned goods	18	51	69	
Oct. 2	Bagley, Fred N.	Frankfort	Lumber	13		13	
Dec. 6	Benzie Consolidated Telephone Co.	Frankfort	Telephone service		3	3	
Oct. 2	Benzie County Patriot	Frankfort	Printing	2		2	
Dec. 6	Benzie County Power Co.	Frankfort	Electricity	6	1	7	
Oct. 2	Cooper, R. F.	Frankfort	Fish	9		9	
Oct. 1	Courville, Julius	Frankfort	Lumber	3		3	
Dec. 6	Culver & Mieler	Frankfort	Blacksmithing	2		2	
Oct. 1	Frederick-Sayles Co.	Frankfort	Meats	3		3	
Oct. 1	Geddes, Wm. D.	Frankfort	Livery	3		3	
Oct. 2	Hanrath, John M.	Frankfort	Fish	4		4	
Oct. 2	Hawkins, S. J. & Co.	Frankfort	Fish	6		6	
Oct. 2	Jacobson, A. & Son	Frankfort	Fish	2		2	
Oct. 1	Olsen Brothers' Garage	Frankfort	Auto livery	2		2	
Oct. 2	Rodal, Louis	Frankfort	Fish	3		3	
Dec. 6	Trowbridge, J. B.	Frankfort	Flour and feed	3	1	4	
Dec. 6	Trowbridge Millinery	Frankfort	Millinery		2	2	
Dec. 1	Benzie County Leader, The	Honor	Printed matter	1	1	2	
Dec. 1	Jaques, Harry	Honor	Pickles	1		1	
Dec. 1	Honor Produce Co.	Honor	Hay and grain	2		2	
Dec. 8	City Light & Water Plant	Thompsonville	Light and water	3		3	
Sept. 29	Dixon, E. M. & Co.	Thompsonville	Wooden dishes	24	17	41	1
Sept. 29	Herren Bros.	Thompsonville	Meats	2		2	
Sept. 29	Johnson, James H.	Thompsonville	Pickles	2		2	
Sept. 29	Piqua Handle & Mfg. Co., The	Thompsonville	Tool handles, etc.	67	1	68	3
Dec. 8	Thompsonville Elevator Co.	Thompsonville	Hay, grain and beans	3	5	8	
Dec. 8	Thompsonville News, The	Thompsonville	Printed matter	2		2	
Sept. 29	Willis, Samuel Garage	Thompsonville	Livery and garage	3		3	
<b>BERRIEN COUNTY.</b>							
Dec. 6	Baroda Garage	Baroda	Auto repairing	2		2	
Dec. 6	Nold, H. K., Baroda City Mills	Baroda	Flour and feed	2		2	
Dec. 6	Smith, Chas.	Baroda	Blacksmithing	2		2	
Nov. 23	American Laundry Co.	Benton Harbor	Laundry	7	23	30	
Nov. 27	Anderson Tully Co.	Benton Harbor	Fruit packages	5	4	9	
Nov. 27	Baker-Vawter Co.	Benton Harbor	Office equipment	350	163	513	21
Nov. 27	Banner-Register	Benton Harbor	Printing	2	1	3	
Dec. 4	Barentsen, Wm.	Benton Harbor	Candy	6	9	15	
Nov. 23	Barlow Bros. Creamery	Benton Harbor	Ice cream	4	1	5	
Dec. 5	Barry & Brennan Bros.	Benton Harbor	Coal	5	1	6	
Dec. 3	Baushke Bros.	Benton Harbor	General repairing	4		4	
Dec. 5	Baushke, R. J.	Benton Harbor	Harness	3		3	
Nov. 27	Beattie-Bernard Press	Benton Harbor	Printing	5		5	
Dec. 4	Benton Coal Co.	Benton Harbor	Coal and wood	9	1	10	
Nov. 23	Benton Fruit Products Co.	Benton Harbor	Vinegar and pickles	45	5	50	
Nov. 24	Benton Harbor Auto Machine Co.	Benton Harbor	Custom machine work	68	2	70	3
Dec. 4	Benton Harbor Auto School	Benton Harbor	Storage and repairing	2	1	3	
Dec. 6	Benton Harbor City Water Works	Benton Harbor	Water	7		7	
Nov. 24	Benton Harbor Malleable Casting Co.	Benton Harbor	Forgings	32		32	
Nov. 24	Benton Harbor Malleable Foundry Co.	Benton Harbor	Castings	477	3	480	

## Factory Inspection.—Continued.

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BERRIEN Co.—Con.							
Dec. 5	Benton Harbor Ornamental Stamping Works	Benton Harbor	Sheet metal	3		3	
Dec. 4	Benton Harbor Plating Co.	Benton Harbor	Electric plating	3		3	
Nov. 26	Benton Harbor Printing Co.	Benton Harbor	Job printing	2		2	
Dec. 4	Benton Harbor-St. Joseph Gas & Fuel Co.	Benton Harbor	Gas and coke	35	4	39	
Dec. 7	Benton Harbor-St. Joe Railway & Light Co.	Benton Harbor	Power and light	172	9	181	
Dec. 5	Benton Sheet Metal & Furnace Works.	Benton Harbor	Sheet metal	2		2	
Dec. 3	Boehm, H. P.	Benton Harbor	Flour and feed	4		4	
Dec. 6	Brown Ice & Coal Co.	Benton Harbor	Coal and ice	19	1	20	
Dec. 4	Central Loose Leaf Co.	Benton Harbor	Loose leaf supplies	12	10	22	
Dec. 5	Chicago Steam Dye House	Benton Harbor	Cleaning and dyeing	3		3	
Dec. 8	C. C. C. & St. L. Ry. Co.	Benton Harbor	Transportation	9	1	10	
Dec. 8	C. C. C. & St. L. Ry. Co.	Benton Harbor	Repairing cars	10		10	
Dec. 3	City Garage	Benton Harbor	Auto repairing	7		7	
Dec. 5	Colby, M. W.	Benton Harbor	Plumbing	2	1	3	
Dec. 4	Coleman Laundry Co.	Benton Harbor	Laundry	5	3	8	
Nov. 23	Covel Manufacturing Co.	Benton Harbor	Castings	196	1	197	
Nov. 24	Crary Machine Works	Benton Harbor	Castings	24	1	25	3
Dec. 5	Dachel, Carter Boat Co.	Benton Harbor	Boats	17		17	
Nov. 23	Daigneau Laundry Co.	Benton Harbor	Laundry	11	24	35	
Nov. 5	Daigneumbe-Parks Co.	Benton Harbor	Cement products	6		6	
Nov. 26	Enterprise Dry Cleaners & Dyers	Benton Harbor	Dry cleaning	4	1	5	
Dec. 3	Godfrey Packing Co.	Benton Harbor	Canned fruits	23	81	104	
Nov. 27	Hale Motor Co.	Benton Harbor	Auto repairing	4	1	5	
Dec. 5	Hyatt, Byron S.	Benton Harbor	Cigars	3	2	5	
Dec. 4	Israelite House of David.	Benton Harbor	Machinery	9		9	
Dec. 4	Israelite House of David.	Benton Harbor	Souvenirs	3		3	
Dec. 4	Israelite House of David.	Benton Harbor	Printing	6	3	9	
Dec. 4	Israelite House of David.	Benton Harbor	Lumber	6		6	
Nov. 23	Laas, R. J. Printing Co.	Benton Harbor	Job printing	3	1	4	
Dec. 4	La Kurba Cigar Co.	Benton Harbor	Cigars	63	38	101	1
Nov. 27	Landfield & Steele	Benton Harbor	Cigars	36	5	41	
Nov. 26	Lutes-Sinclair Co.	Benton Harbor	Laundry machinery	35	1	36	
Nov. 24	Mamer Brick Co., The	Benton Harbor	Brick	24	1	25	
Nov. 23	Mandel Manufacturing Co.	Benton Harbor	Phonographs	89	3	92	
Dec. 3	Messner's Garage	Benton Harbor	Auto repairing	14	1	15	
Nov. 23	Meter, Louis	Benton Harbor	Machine repairing	3		3	
Dec. 4	Michigan State Telephone Co.	Benton Harbor	Telephone service	12	37	49	
Dec. 4	Moulds' Brass Foundry	Benton Harbor	Foundry	3		3	
Nov. 27	News-Palladium	Benton Harbor	Printed matter	8	5	13	
Dec. 3	Noble, Frank	Benton Harbor	Plumbing	8	1	9	
Nov. 27	Nowlen, B. M. & Co.	Benton Harbor	General repairing	9	1	10	
Dec. 3	Oakland-Hudson Sales Co.	Benton Harbor	Service station	5		5	
Dec. 4	Peninsular Lumber Co.	Benton Harbor	Lumber	18	1	19	
Dec. 7	Pere Marquette R. R. Co.	Benton Harbor	Transportation	26	2	28	
Dec. 8	Pere Marquette R. R. Co.	Benton Harbor	Yard transportation	31	1	32	
Dec. 8	Pere Marquette R. R. Co.	Benton Harbor	Repairing	25		25	
Dec. 6	Peters, A. H.	Benton Harbor	Printing	2		2	
Dec. 6	Postal Telegraph Co.	Benton Harbor	Telegraph service	1	1	2	
Nov. 27	Preston, W. A.	Benton Harbor	Lumber	27		27	
Dec. 5	Randall-Landfield Co.	Benton Harbor	Cigars	42	11	53	2
Dec. 5	Robbins, W. P.	Benton Harbor	Building materials	4	1	5	
Dec. 7	Rolfe, P. F.	Benton Harbor	General repairing	1		1	
Nov. 23	Rosback, F. P. Co.	Benton Harbor	Printing machines	49	2	51	
Dec. 4	Rusch, W. H. & Son	Benton Harbor	Flour and feed	3		3	
Dec. 4	Sanitary Mattress Factory	Benton Harbor	Mattresses	3	1	4	
Nov. 27	Saranac Machine Co.	Benton Harbor	Machinery	63	2	65	6
Nov. 26	Smith, W. G. Printing Co.	Benton Harbor	Printing	3		3	
Dec. 3	Steven & Bullinger	Benton Harbor	Baked goods	5	1	6	
Nov. 26	Superior Steel Castings Co.	Benton Harbor	Castings	195	3	198	
Dec. 3	Sweet & Piedt Auto Co.	Benton Harbor	Auto repairing	6	1	7	



Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>BERRIEN Co.—Con.</b>							
Dec. 4	Swindell, C. H. & Co.	Benton Harbor.	Storage.	3		3	
Nov. 27	Thayer, Geo. B. & Co.	Benton Harbor.	Fruit packages.	72	10	82	
Nov. 27	Twin City Creamery Co.	Benton Harbor.	Ice cream.	9		9	
Dec. 14	Twin City Steam Boiler Works	Benton Harbor.	Boiler repairing.	5		5	
Nov. 27	Twin City Tent & Awning Co.	Benton Harbor.	Tents and awnings.	4	25	29	
Dec. 5	Waters, J. H.	Benton Harbor.	Sheet metal.	1		1	
Dec. 5	Waters & Son.	Benton Harbor.	Plumbing.	7	1	8	
Dec. 7	Western Union Telegraph Co.	Benton Harbor.	Telegraph service.	6	1	7	2
Dec. 3	Wheaton, Fred.	Benton Harbor.	General repairing.	2		2	
Dec. 3	Willard Service Station.	Benton Harbor.	Storage batteries.	3		3	
Dec. 7	Berrien Center Elgin Creamery Co.	Berrien Center.	Butter.	1		1	
Dec. 13	Wager, V. F. & Co.	Berrien Center.	Grain and feed.	1		1	
Dec. 13	Berrien Springs Garage.	Berrien Springs.	Auto repairing.	2		2	
Dec. 13	Era Publishing Co., The	Berrien Springs.	Printing.	3		3	
Dec. 13	Indiana & Michigan Electric Co.	Berrien Springs.	Light and power.	10	1	11	
Dec. 13	Service Garage.	Berrien Springs.	Auto repairing.	3		3	
Dec. 13	Sparks, C. R. & Co.	Berrien Springs.	Lumber and feed.	4	1	5	
Dec. 13	Wager, V. F. & Co.	Berrien Springs.	Feed.	1		1	
Nov. 21	Beck's Market.	Buchanan.	Meats.	4	1	5	
Nov. 21	Beistle, J. P.	Buchanan.	Granite and marble.	1		1	
Nov. 20	Berrien County Record, The	Buchanan.	Printing.	3	2	5	
Nov. 20	Bishop Creamery Co.	Buchanan.	Butter.	3	4	7	
Nov. 21	Booster Cigar Co.	Buchanan.	Cigars.	2	1	3	
Nov. 20	Buchanan Cabinet Co.	Buchanan.	Cabinets.	29	1	30	
Nov. 20	Buchanan Garage.	Buchanan.	Auto repairing.	2		2	
Nov. 21	Buchanan Pattern Works.	Buchanan.	Patterns.	4		4	
Nov. 21	Buchanan Water Works.	Buchanan.	Water.	3		3	
Nov. 20	Clark Equipment Co.	Buchanan.	Drills, wheels and axles.	828	34	862	18
Nov. 21	Clevenger & Marble.	Buchanan.	Cabinets.	2		2	
Nov. 21	Day's Avenue Garage.	Buchanan.	Auto repairing.	4		4	
Nov. 21	Home Lumber & Coal Co.	Buchanan.	Lumber and coal.	4	1	5	
Nov. 21	Hopkins, E. J.	Buchanan.	Lumber.	6		6	
Nov. 21	Indiana & Michigan Electric Co.	Buchanan.	Light and power.	4	2	6	1
Nov. 21	Merson, D. P.	Buchanan.	Meats.	4	1	5	
Nov. 20	Miles & Boyer.	Buchanan.	Blacksmithing.	3		3	
Nov. 21	Miller, W. J.	Buchanan.	Cement blocks.	6	1	7	
Nov. 21	Model Steam Laundry.	Buchanan.	Laundry.	1	3	4	
Nov. 21	Niagara Roller Mills.	Buchanan.	Flour and feed.	5		5	
Nov. 21	Niles Gas Light Co.	Buchanan.	Gas.	2	1	3	
Nov. 21	Parkinson, Miss E.	Buchanan.	Millinery.		2	2	
Nov. 21	Pears-East Grain Co., The	Buchanan.	Grain and feed.	4	1	5	
Nov. 21	Remington, E. E.	Buchanan.	General repairing.	5		5	
Nov. 20	St. Joseph Valley Creamery Co.	Buchanan.	Butter.	2		2	
Nov. 21	Smith, S. J.	Buchanan.	Cigars.	1		1	
Nov. 20	Zinc Collar Pad Co.	Buchanan.	Collar pads.	19	7	26	
Dec. 15	Benton Harbor-St. Joseph R. R. Co.	Coloma.	Light and power.	2		2	
Dec. 14	Coloma Courier, The.	Coloma.	Printing.	3	1	4	
Dec. 14	Coloma Creamery Association, The.	Coloma.	Butter.	2		2	
Dec. 12	Coloma Garage.	Coloma.	Auto repairing.	2		2	
Dec. 14	Coloma Mills.	Coloma.	Flour and feed.	1		1	
Dec. 14	Friday Bros. Canning Co.	Coloma.	Canned goods.	28	76	104	
Dec. 14	Friday, P. B.	Coloma.	Garage.	2		2	
Dec. 14	Rorick & Cornwell.	Coloma.	Feed.	2		2	
Dec. 14	Sawatzki, G. & Son.	Coloma.	Repairing.	3		3	
Dec. 14	Shoup, Charles A.	Coloma.	Wood working.	1		1	
Dec. 14	Spielman Bros. Co.	Coloma.	Cider and pickles.	9	4	13	
Dec. 7	Berrien County Journal, The	Eau Claire.	Printing.	3	2	5	
Dec. 7	Eau Claire Basket Co.	Eau Claire.	Baskets.	20	7	27	
Dec. 7	Eau Claire Garage.	Eau Claire.	Auto repairing.	2		2	
Dec. 7	Sharpe, W. G. Lumber Co.	Eau Claire.	Lumber, coal and feed.	2		2	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 10 years of age.
	<b>BERRIEN Co.—Con.</b>						
Nov. 22	Galien Concrete Tile Co.	Galien.	Cement blocks	5		5	
Nov. 22	Galien Roller Mill.	Galien.	Flour and feed	1		1	
Nov. 22	Jacobson, John	Galien.	Condensed milk	5		5	
Nov. 22	Standard Garage, The	Galien.	Auto repairing	3		3	
Dec. 6	New Troy Mills	New Troy.	Flour and feed	4		4	
Nov. 14	Acme Belting Co.	Niles	Belting	16	24	40	
Nov. 14	American Wire Fabrics Co.	Niles	Wire fly screen	38	21	59	2
Nov. 5	Babbitt, W. L.	Niles	Lumber	3		3	
Nov. 19	Board of Public Works	Niles	Light and water	10	1	11	
Nov. 19	East's Laundry	Niles	Laundry	3	3	6	
Nov. 19	Eden, Geo. V.	Niles	Cigars	3	2	5	
Nov. 19	Ford Motor Cars	Niles	Auto repairing	11	1	12	
Nov. 16	French Paper Co.	Niles	Paper	221	42	263	4
Nov. 12	Garden City Fan Co.	Niles	Fans	63		63	
Nov. 19	Gerald & Miller	Niles	Meats	2		2	
Nov. 19	Huff, C.	Niles	Auto repairing	3		3	
Nov. 19	Hunter Co., The	Niles	Ice cream	0	1	10	
Nov. 15	Kawneer Mfg. Co.	Niles	Metal work	272	14	286	2
Nov. 6	Koehler's Bakery	Niles	Baked goods	3	2	5	
Nov. 15	Kompass & Stoll Co., The	Niles	Cabinets	35	1	36	1
Nov. 19	Mannix, J. E.	Niles	Cigars	2		2	
Nov. 15	Michigan Wire Goods Co.	Niles	Hardware specialties	10	14	30	1
Nov. 5	National Leather Mfg. Co.	Niles	Leather specialties	7	2	9	2
Nov. 17	National Printing & Eng. Co.	Niles	Lithographing	115	19	134	6
Nov. 14	National Standard Co.	Niles	Auto jacks	66	14	80	4
Nov. 15	Niles Creamery Co., The	Niles	Butter	4		4	
Nov. 15	Niles Daily Star	Niles	Printed matter	6	1	7	
Nov. 15	Niles Daily Sun, The	Niles	Printed matter	4	1	5	
Nov. 19	Niles Gas Light Co.	Niles	Gas and coke	13	1	14	
Nov. 15	Niles Grain Co.	Niles	Feed	2		2	
Nov. 15	Niles Lumber Co., The	Niles	Lumber	5	1	6	
Nov. 19	Niles Marble & Granite Works	Niles	Monuments	2		2	
Nov. 16	Niles Sanitary Laundry	Niles	Laundry	4	7	11	
Nov. 15	Niles Steel Tank Co.	Niles	Steel tanks	21	2	23	
Nov. 15	Niles Wholesale Bread Co.	Niles	Baked goods	3	1	4	
Nov. 14	Original Cabinet Co.	Niles	Cabinets	23	1	24	
Nov. 19	Overland Niles Co.	Niles	Garage	3		3	
Nov. 16	Ready, T. Willard	Niles	Pharmaceuticals	30	63	102	4
Nov. 19	Rodgers, Nelson	Niles	Job printing	3	1	4	
Nov. 14	Shinn Mfg. Co.	Niles	Lightning rods	8	2	10	
Nov. 19	Stoll Bros.	Niles	Garage	9	1	10	
Nov. 15	Storms, Earl Co.	Niles	Furniture specialties	9		9	
Nov. 14	Towar Cotton Mills, Inc	Niles	Cotton fabrics	28	15	43	
Nov. 19	Welling, A. H.	Niles	Machine repairing	3		3	
Nov. 19	White Front Garage	Niles	Garage	3		3	
Dec. 11	Anti-Friction Lubricant Co.	St. Joseph.	Grease and oil	2		2	
Dec. 12	Auto Specialties Mfg. Co.	St. Joseph.	Auto specialties	104	3	107	1
Dec. 13	Barlow Bros. Creamery	St. Joseph.	Dairy products	6	1	7	
Dec. 13	Benning & Nims	St. Joseph.	Baked goods	5		5	
Dec. 13	Board of Public Works	St. Joseph.	Water	7		7	
Dec. 12	Bradford & Co.	St. Joseph.	Novelties	20	107	127	
Dec. 13	City Plumbing Co.	St. Joseph.	Plumbing	10		10	
Dec. 11	Compound Door Co., The	St. Joseph.	Veneered doors	72	2	74	3
Dec. 10	Cooper, Wells & Co.	St. Joseph.	Hosiery	212	290	502	36
Dec. 10	Engberg's Electric & Mechanical Wks.	St. Joseph.	Engines	78	2	80	1
Dec. 13	Epple, Andrew	St. Joseph.	Plumbing	6	1	7	
Dec. 11	Famous Trucks, Inc	St. Joseph.	Motor trucks	30	1	31	
Dec. 11	Fay-Kultgen Foundry Co.	St. Joseph.	Castings	33		33	
Dec. 11	Fisher Print Shop, The	St. Joseph.	Job printing	2		2	
Dec. 10	Fitch, G. A. Coal Co.	St. Joseph.	Coal and wood	5	1	6	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>BERRIEN Co.—Con.</b>							
Dec. 12	Fruit Packers Machinery Co.	St. Joseph	Machine repairing	4		4	
Dec. 11	Gast Garage	St. Joseph	Auto repairing	13	1	14	
Dec. 12	Herald Company, The	St. Joseph	Job printing	3		3	
Dec. 11	Imperial Printing Co.	St. Joseph	Job printing	2		2	
Dec. 13	King, Ben Cigar Co.	St. Joseph	Cigars	4	1	5	
Dec. 12	Marshall, James	St. Joseph	Monuments	5	1	6	
Dec. 11	Mathieu & Sons	St. Joseph	Castings	9		9	
Dec. 4	Michigan State Telephone Co.	St. Joseph	Telephone service	2	17	19	
Dec. 12	Morse, A. B. Co.	St. Joseph	Printed matter	39	13	52	3
Dec. 10	Mullen Bros. Paper Co.	St. Joseph	Paper	39	6	45	2
Dec. 12	Mullen & Pope Screen Co.	St. Joseph	Paper machinery	5		5	
Dec. 11	Palmer Tire & Rubber Co.	St. Joseph	Rubber	67	2	69	3
Dec. 13	Press Publishing Co.	St. Joseph	Printed matter	7	3	10	2
Dec. 13	St. Joseph Auto Co.	St. Joseph	Auto repairing	3		3	
Dec. 12	St. Joseph Iron Works	St. Joseph	Machinery	57		57	2
Dec. 11	Sieber Oil Co.	St. Joseph	Oils	6		6	
Dec. 12	Threshermen's Review Co., The	St. Joseph	Publishers	38	23	61	
Dec. 13	Troy's Garage	St. Joseph	Auto repairing	6		6	
Dec. 11	Twin City Milling Co.	St. Joseph	Flour and feed	7	1	8	
Dec. 12	Upton Machine Co.	St. Joseph	Machinery, etc	45	4	49	1
Dec. 12	Wallace, John Sons Co.	St. Joseph	Lumber and fuel	19	1	19	
Dec. 13	Wells-Higman Co.	St. Joseph	Fruit packages	18	6	24	
Dec. 11	Williams Bros	St. Joseph	Paper boxes	16	80	96	9
Dec. 13	Wilson's Bakery	St. Joseph	Baked goods	9	1	10	
Dec. 10	Wilson, H. O.	St. Joseph	Ice cream	6		6	
Dec. 11	Woods & Benoit	St. Joseph	Button blanks	32		32	
Dec. 13	Zick, A. W.	St. Joseph	Custom clothing	6		6	
Dec. 13	Zordel, Albert	St. Joseph	Harness	3		3	
Dec. 14	Indiana & Michigan Electric Co.	Scottdale	Electrical power	2		2	
Nov. 22	Arnold, L. L.	Three Oaks	Auto repairing	3		3	
Nov. 22	Indiana & Michigan Electric Co.	Three Oaks	Light and water	3	1	4	
Nov. 22	Temple Garage, The	Three Oaks	Auto repairing	1		1	
Dec. 21	Three Oaks Creamery	Three Oaks	Dairy products	3		3	
Nov. 22	Three Oaks Roller Mills	Three Oaks	Flour and feed	2		2	
Nov. 22	Warren Featherbone Co., The	Three Oaks	Featherbone	135	150	285	3
Dec. 15	Brown & Thompson	Watervliet	Feed	2		2	
Dec. 15	Smith, F. F. & Son	Watervliet	Ice cream	6		6	
Dec. 15	Watervliet Creamery Co.	Watervliet	Dairy products	2		2	
Dec. 20	Watervliet Paper Co.	Watervliet	Paper	218	59	277	
Dec. 15	Watervliet Record, The	Watervliet	Printed matter	2	1	3	
<b>BRANCH COUNTY.</b>							
Dec. 28	Bronson Electric Light Plant	Bronson	Water and light	3		3	
Dec. 28	Bronson Garage	Bronson	Auto repairing	3		3	
Dec. 28	Bronson Journal Co., The	Bronson	Printed matter	3		3	
Dec. 28	Bronson Milling Co.	Bronson	Flour and feed	3		3	
Dec. 28	Bronson Steam Laundry	Bronson	Laundry	2		2	
Dec. 28	Carroll, R. E.	Bronson	Meats	4	2	6	
Dec. 28	Douglas & Rudd Mfg. Co.	Bronson	Electric sundries	88	42	130	
Dec. 28	Friedrich, Wm. H. & Co.	Bronson	Lumber	16		16	
Dec. 28	Kipp, Wm. A.	Bronson	Castings	18		18	
Dec. 28	McEnderfer, Clarence	Bronson	Baked goods	2	1	3	
Dec. 28	Monroe, Wm. M. & Son	Bronson	Feed and coal	6		6	
Dec. 28	Morrison & Son	Bronson	Meats	4		4	
Dec. 28	Visel-Conover Co.	Bronson	Display fixtures	23		23	
Dec. 27	American Express Co.	Coldwater	Express	3	1	4	
Dec. 27	Bailey, W. C.	Coldwater	Job printing	2	1	3	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	BRANCH CO.—Con.						
Dec. 26	Ball & Son	Coldwater	Woodworking	7		7	
Dec. 28	Board of Public Works	Coldwater	Water and light	9	1	10	
Dec. 27	Branch County Creamery	Coldwater	Dairy products	4	1	5	
Dec. 27	Branch Manufacturing Co., The	Coldwater	Boys' clothing	4	67	71	
Dec. 29	Brown, Lane	Coldwater	Meats	3		3	
Dec. 26	Calkins, B. H. & Son Co.	Coldwater	Cooperage	14	1	15	
Dec. 28	Champion Brass Works	Coldwater	Gas and electric fixtures	16	1	17	
Dec. 28	Chapman, Chas. W.	Coldwater	Cigars	12	6	18	
Dec. 29	Clisbe & Fletcher	Coldwater	Wood and ice	7		7	
Dec. 27	Coldwater Bread Co.	Coldwater	Baked goods	3		3	
Dec. 28	Coldwater Cigar Box Factory	Coldwater	Cigar boxes	5	5	10	
Dec. 27	Coldwater Garage, The	Coldwater	Auto repairing	10		10	
Dec. 26	Coldwater Gas Light & Fuel Co.	Coldwater	Light and fuel	9	2	11	
Dec. 26	Coldwater Monument Co., The	Coldwater	Monuments	4		4	
Dec. 26	Coldwater Plumbing Co.	Coldwater	Plumbing	6	1	7	
Dec. 27	Coldwater Steam Laundry	Coldwater	Laundry	4	10	14	
Dec. 26	Conover Eng. & Printing Co., The	Coldwater	Printing and engraving	2		2	
Dec. 26	Coombs, Wm. A. Milling Co.	Coldwater	Flour and feed	24	1	25	
Dec. 27	Detroit-Printes Mfg. Co.	Coldwater	Dresses	3	75	78	
Dec. 28	Evans, Frank R.	Coldwater	Photo engraving	1		1	
Dec. 28	Ford Garage	Coldwater	Auto repairing	2		2	
Dec. 22	French Steam Dye Works	Coldwater	Dry cleaning	2		2	
Dec. 26	Harding, G. W. & Son	Coldwater	Farm implements	3		3	
Dec. 27	Hellenberg, J. B. Co., Inc., The	Coldwater	Athletic goods	17	1	18	
Dec. 28	Holmes, Clifton	Coldwater	Auto repairing	2		2	
Dec. 27	Home Bakery, The	Coldwater	Baked goods	1	3	4	
Dec. 27	Hoosier Shoe Co.	Coldwater	Shoes	52	43	95	2
Dec. 28	Johnson, Harold A.	Coldwater	Auto repairing	2		2	
Dec. 28	Kitchel, S. B.	Coldwater	Medicine	2	2	4	
Dec. 27	Kleindinst, Gerald E.	Coldwater	Job printing	4	2	6	
Dec. 28	Klingler, A. J. Printing Co.	Coldwater	Job printing	2		2	
Dec. 28	Loring, Sanford	Coldwater	Machine repairing	2		2	
Dec. 27	Legg Lumber Co.	Coldwater	Lumber	4	1	5	
Dec. 26	Libby, McNeill & Libby	Coldwater	Canned goods	49	26	75	
Dec. 27	Mannerow, J. C.	Coldwater	Dry cleaning	2	2	4	
Dec. 28	Mannerow, L. C.	Coldwater	Furniture	2		2	
Dec. 27	Mansell & Kappler	Coldwater	Plumbing	3		3	
Dec. 27	O'Shaughnessy Bros.	Coldwater	Cigars	4		4	
Dec. 27	Payne, J. D.	Coldwater	Cigars	2	1	3	
Dec. 28	Pearce Cigar Store, The	Coldwater	Cigars	8	1	9	
Dec. 27	Perry, J. B. & Co.	Coldwater	Flour and feed	4	1	5	
Dec. 26	Pollock, S. & Son	Coldwater	Lumber and coal	8	1	9	
Dec. 27	Pratt Manufacturing Co.	Coldwater	Hand sleighs	80	2	82	
Dec. 28	Regal Gasoline Engine Co.	Coldwater	Marine engines	52	3	55	
Dec. 27	Reporter, The	Coldwater	Job printing	22	3	25	12
Dec. 28	Rogers, D. P.	Coldwater	Bicycle repairing	2		2	
Dec. 27	Sandt, Peter	Coldwater	Plumbing	3	1	4	
Dec. 27	Sanitary Ice Cream Co.	Coldwater	Ice cream	3		3	
Dec. 27	Schmedien, W. H.	Coldwater	Carriages	5	1	6	
Dec. 28	Southern Michigan Garage	Coldwater	Auto repairing	4	2	6	
Dec. 27	Southern Michigan Telephone Co.	Coldwater	Telephone service	5	24	29	
Dec. 27	Standard Garage, The	Coldwater	Auto repairing	4		4	
Dec. 28	Stokes Manufacturing Co., The	Coldwater	Coat hangers	8		8	
Dec. 28	Swaffield & Hibbard	Coldwater	Iron works	4		4	
Dec. 28	Sweet & Morgan	Coldwater	Bicycle repairing	2		2	
Dec. 27	Tiefenthal, H. A.	Coldwater	Baked goods	2	2	4	
Dec. 28	Titus Foundry, The	Coldwater	Castings	16	1	17	
Dec. 28	Treat, S. I. & Son	Coldwater	Hides and junk	10	1	11	
Dec. 28	Van Aken Bros	Coldwater	Auto painting	5		5	
Dec. 28	Van Aken Bros	Coldwater	Flowers	4	2	6	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>BRANCH CO.—Con.</b>							
Dec. 29	Warner, C. D. Co., The.	Coldwater	Medicine	2	2	4	
Dec. 28	Western Reserve Condensed Milk Co.	Coldwater	Milk condensing	8		8	
Dec. 29	Wolverine Portland Cement Co.	Coldwater	Cement	137		137	
Dec. 29	Burch & Day	Quincy	Feed and fuel	3	1	4	
Dec. 29	F. & F. Auto Co.	Quincy	Auto repairing	4		4	
Jan. 4, 18	Ganong, Theo. B.	Quincy	Plumbing	3		3	
Dec. 29	Kinyon, E. H. & Son	Quincy	Coal and seeds	2		2	
Dec. 29	McKensie Cereal Food & Milling Co., The.	Quincy	Flour and feed	21	11	32	
Dec. 29	Quincy Creamery	Quincy	Dairy products	1		1	
Dec. 29	Quincy Herald, The.	Quincy	Printed matter	2	1	3	
Dec. 29	Quincy Lumber Co.	Quincy	Lumber	3	1	4	
Dec. 29	Quincy Water & Light Plant	Quincy	Light and water	3		3	
Dec. 29	Urick, E. C.	Quincy	Baked goods	4	1	5	
Dec. 29	Wolverine Portland Cement Co.	Quincy	Cement	118		118	
Dec. 28	Baad, J. H.	Union City	Coal and wood	2	1	3	
Dec. 28	Buell, Perry J.	Union City	Lumber	2		2	
Dec. 28	Lutz, G. W.	Union City	Baked goods	2	2	4	
Dec. 28	Municipal Water & Light Plant	Union City	Water and light	4		4	
Dec. 28	Overland Garage	Union City	Auto repairing	2		2	
Dec. 28	Peerless Portland Cement Co.	Union City	Cement	125	2	127	
Dec. 28	Peerless Yeast Co., The	Union City	Yeast	6	4	10	
Dec. 28	Register-Weekly, The	Union City	Printed matter	3		3	
Dec. 28	Seaver, S. W.	Union City	Baked goods	4		4	
Dec. 28	Spore, C. B.	Union City	Auto repairing	3		3	
Dec. 28	Union City Creamery	Union City	Dairy products	6		6	
Dec. 28	Union City Milling Co.	Union City	Flour and feed	4		4	
Dec. 28	Weple, M. P.	Union City	Lumber	2		2	
<b>CALHOUN COUNTY.</b>							
Nov. 15	Albion Bottling Works	Albion	Soft drinks	3		3	
Nov. 13	Albion Bolt Co.	Albion	Auto bolts and nuts	12		12	
Nov. 12	Albion Chemical Works	Albion	Chemicals	1		1	
Nov. 14	Albion Farmers Elevator Co.	Albion	Grain	2		2	
Nov. 13	Albion Garage, The	Albion	Auto repairing	12	2	14	
Nov. 16	Albion Gas Light Co., The.	Albion	Light and fuel	10	2	12	
Nov. 16	Albion Iron & Metal Co.	Albion	Iron and metal	6	1	7	
Nov. 13	Albion Leader, The	Albion	Printed matter	1	1	2	
Nov. 14	Albion Lumber Co.	Albion	Lumber	8		8	
Nov. 12	Albion Malleable Iron Co.	Albion	Castings	656	37	693	
Nov. 12	Albion Press Co., The.	Albion	Job printing	3	1	4	
Nov. 15	Avery, Fred A.	Albion	Dry cleaning	2	2	4	
Nov. 16	Basder, A. J. & Co.	Albion	Cigars	4	2	6	
Nov. 13	Banner Laundry, The	Albion	Laundry	3	7	10	
Nov. 16	Behling Brothers	Albion	Cigars	3	1	4	
Nov. 12	Brant, J. W. Co., The.	Albion	Medicine	1	2	3	
Nov. 16	Burden, Geo. R.	Albion	Job woodwork	1		1	
Nov. 13	Cement Casket Manufacturing Co.	Albion	Cement caskets	16	7	23	1
Nov. 16	City Paint Shop	Albion	Painting	5		5	
Nov. 16	Condon, Mrs. Rose	Albion	Millinery		3	3	
Nov. 14	Consumers Power Co.	Albion	Power	2		2	
Nov. 14	Consumers Power Co.	Albion	Light	6		6	
Nov. 13	Crozier, W. H.	Albion	Electrical supplies	3	1	4	
Nov. 14	Ford Garage	Albion	Auto repairing	4		4	
Nov. 15	Furey, Mrs. Rose Power	Albion	Millinery		5	5	
Nov. 12	Gale Manufacturing Co.	Albion	Farm implements	290	11	301	10
Nov. 14	Gibbs & Sanders	Albion	Coal and wood	8		8	
Nov. 13	Hahn's Shoe Hospital	Albion	Shoe repairing	2		2	
Nov. 15	Hayes, Halleck	Albion	Harness	1		1	
Nov. 13	Hayes Wheel Co.	Albion	Auto hubs	442	19	461	1

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
CALHOUN Co.—Con.							
Nov. 14	Howard Meat Co., The	Albion	Meats	4	1	5	
Nov. 16	Kamp, Herman	Albion	Cigars	6	3	9	
Nov. 13	Langridge, Clyde S.	Albion	Plumbing	4		4	
Nov. 15	McAuliffe, D. M.	Albion	Farm implements	3		3	
Nov. 13	McAuliffe, Fred	Albion	Metal work	2	1	3	
Nov. 12	McCredie's Garage	Albion	Auto repairing	4		4	
Nov. 14	McDonald, E.	Albion	Millinery		3	3	
Nov. 14	McDougal & Young	Albion	Coal and feed	8		8	
Nov. 14	McKinney, John	Albion	Meats	3	1	4	
Nov. 14	Maple City Dairy Co.	Albion	Dairy products	6	2	8	
Nov. 15	Marquis, J. C.	Albion	Cigars	2		2	
Nov. 14	Michigan Railway Co.	Albion	Car repairing	109	3	112	1
Nov. 16	Model Laundry, The	Albion	Laundry	3	10	13	
Nov. 16	Monarch Cigar Co.	Albion	Cigars	2		2	
Nov. 14	Mounteer, E. M.	Albion	Baked goods	9	1	10	
Nov. 13	National Spring & Wire Co.	Albion	Auto wire springs	65	8	73	4
Nov. 13	North Side Bakery	Albion	Baked goods	3	1	4	
Nov. 13	Nowlin, Frank E. Co.	Albion	Grain and feed	7	32	39	
Nov. 14	Pennell, H. D. & Son	Albion	Flour and feed	2		2	
Nov. 13	Philp, H. E.	Albion	Tailoring	1	1	2	
Nov. 12	Recorder Press, The	Albion	Printed matter	9	4	13	
Nov. 16	Smith & Lathwell	Albion	Tailoring	6	3	9	
Nov. 14	Sneary, L. C.	Albion	Meats	4		4	
Nov. 16	Spears & Schofield	Albion	Plumbing	6		6	
Nov. 13	Striker, L. F.	Albion	Auto repairing	4		4	
Nov. 14	Talmage & Bauer	Albion	Meats	5	1	6	
Nov. 16	Teller, Orrin J.	Albion	Contracting	13		13	
Nov. 13	Tift, Frank	Albion	Locksmith	1		1	
Nov. 13	Union Steel Products Co., Ltd., The	Albion	Wire and iron work	215	16	231	13
Nov. 14	Wilder, S. A. & Son	Albion	Lumber	9		9	
Nov. 13	Winslow & Porr	Albion	Plumbing	2	1	3	
Nov. 12	Wochols & Gress	Albion	Groceries and fuel	10		10	
Nov. 8	Athens Creamery	Athens	Dairy products	2		2	
Nov. 8	Athens Mill & Power Co.	Athens	Flour and feed	3		3	
Nov. 8	Athens Times, The	Athens	Printed matter	2		2	
Nov. 8	Athens Water Works	Athens	Water	1		1	
Nov. 8	Emmel, Wm.	Athens	Baked goods	1	1	2	
Nov. 8	Lucas, Chas.	Athens	Auto repairing	1		1	
Nov. 8	Shafer Wagon Co., The	Athens	Wagons	2		2	
Nov. 8	Wilber, F. B.	Athens	Cigars	1		1	
Nov. 8	Wolfe, W. F.	Athens	Grain	2		2	
Nov. 8	Wood & Woodruff	Athens	Lumber and coal	12		12	
Oct. 31	Abbott, O. B.	Battle Creek	Cigars	3		3	
April 9	A. B. Stove Co.	Battle Creek	Stoves	185	14	199	
Sept. 25	Adams Express Co.	Battle Creek	Express service	8	1	9	
June 6	Advance Pump & Compressor Co.	Battle Creek	Pumps and compressors	40	2	42	
Sept. 12	Advance-Rumely Co.	Battle Creek	Machinery	395	3	398	1
April 17	Advance-Rumely Co.	Battle Creek	Farm machinery	372	4	376	2
April 10	Ajax Enameling & Foundry Co.	Battle Creek	Castings	108	6	114	
Sept. 12	Alsteel Manufacturing Co.	Battle Creek	Paper balers	18	2	20	
June 22	American Column Co.	Battle Creek	Porch columns	10	1	11	
Oct. 26	American Express Co.	Battle Creek	Express service	22	3	25	
Sept. 17	American Motor Co.	Battle Creek	Auto repairing	12	2	14	
May 21	American Stamping Co.	Battle Creek	Stamping	34	11	45	
May 31	American Steam Pump Co.	Battle Creek	Pumping machinery	272	8	280	5
Sept. 25	Armour & Co.	Battle Creek	Meats	9		9	
Nov. 2	Armstrong & Brown	Battle Creek	Fuel and feed	7		7	
Sept. 28	Arnold Milling Co.	Battle Creek	Flour and feed	3		3	
April 19	Barker Bros.	Battle Creek	Coal and feed	3		3	
Sept. 25	Battle Creek Drayage Co.	Battle Creek	Draying	2		2	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
CALHOUN Co.—Con.							
April 16	Battle Creek Bread Wrapping Machine Co.	Battle Creek	Wrapping machines	47	1	48	
Sept. 26	Battle Creek Dry Cleaning Works	Battle Creek	Cleaning and pressing	4		4	1
Sept. 18	Battle Creek Evening News	Battle Creek	Printed matter	23	5	28	3
Sept. 24	Battle Creek Ice Cream Co.	Battle Creek	Ice cream	2	2	4	
Sept. 11	Battle Creek Lumber Co.	Battle Creek	Lumber	11		11	
May 4	Battle Creek Paper Co.	Battle Creek	Paper boxes	192	77	269	
Oct. 2	Battle Creek Pattern Works	Battle Creek	Patterns	4		4	
Oct. 1	Battle Creek Roofing & Mfg. Co.	Battle Creek	Roofing and paints	25	1	26	
Nov. 2	Battle Creek Sales Book Co.	Battle Creek	Sales books	3		3	
May 21	Battle Creek Sanitarium, The	Battle Creek	Electrical department	15		15	
May 21	Battle Creek Sanitarium, The	Battle Creek	Engineering department	25		25	
May 21	Battle Creek Sanitarium, The	Battle Creek	Laundry	19	79	98	1
May 21	Battle Creek Sanitarium, The	Battle Creek	Machine shop	6		6	
May 21	Battle Creek Sanitarium, The	Battle Creek	Mason department	8		8	
May 21	Battle Creek Sanitarium, The	Battle Creek	Paint shop	19		19	
Sept. 24	Battle Creek Storage & Carting Co.	Battle Creek	Cartage, etc	15	1	16	
Sept. 25	Battle Creek Taxicab Co.	Battle Creek	Taxi service	27		27	
June 20	Battle Creek Toy Mfg. Co.	Battle Creek	Toys	20	19	39	9
Oct. 10	Bazley's Cash Market	Battle Creek	Meats	5	1	6	
April 13	Bennett Oven Co.	Battle Creek	Bake ovens	12		12	
April 19	Big Four Ink & Color Co.	Battle Creek	Printing inks	4	1	5	
Oct. 10	Binder, R. Co.	Battle Creek	Meats	28	3	31	1
Sept. 21	Bodine Brothers	Battle Creek	Dyeing and cleaning	2	2	4	
Sept. 27	Bodine, William	Battle Creek	Dry cleaning	3	2	5	
Sept. 24	Boonhower Auto Supply Co.	Battle Creek	Auto supplies	3		3	
Sept. 28	Bretz, E. F.	Battle Creek	Tailoring	3	1	4	
Sept. 28	Brewer, C. R. Lumber Co.	Battle Creek	Lumber	8	1	9	
Oct. 2	Briggs & Classic	Battle Creek	Signs	4		4	
Oct. 2	Brown, J. E.	Battle Creek	Bicycle repairing	2	1	3	
Oct. 10	Browning, T. E. & Son	Battle Creek	Coal and wood	4		4	
Sept. 21	Buick Motor Co.	Battle Creek	Auto repairing	15	4	19	
Sept. 27	Burton & Bordine	Battle Creek	Welding	2		2	
May 23	Calhoun Gas Co.	Battle Creek	Gas	104	11	115	2
Oct. 9	Callaghan, J. W.	Battle Creek	Shoe repairing	2		2	
Oct. 31	Candy Crabb Stores Co., Inc.	Battle Creek	Candy	3	3	6	
Sept. 21	Central Electric Co.	Battle Creek	Electrical supplies	12	3	15	
Sept. 25	Central Garage, The	Battle Creek	Auto repairing	3	1	4	
Sept. 25	Central Iron & Metal Co.	Battle Creek	Junk	3		3	
May 18	Citizens Electric Co., The	Battle Creek	Light and power	17	1	18	
Sept. 17	Citizens Telephone Co.	Battle Creek	Telephone service	34	13	47	
Sept. 26	Clark, E. G.	Battle Creek	Coal and wood	6		6	
Oct. 1	Claypool, J. D.	Battle Creek	Plumbing	8		8	
Oct. 9	Coca-Cola Bottling Co.	Battle Creek	Soft drinks	4		4	
Sept. 26	Coggan, S. W.	Battle Creek	Flowers	6	2	8	2
Oct. 31	Cole, Levant	Battle Creek	Flowers	5		5	
Oct. 1	Consolidated Ice Co., Ltd.	Battle Creek	Ice	30	1	31	
Feb. 10	Consumers Power Co.	Battle Creek	Electricity	35	4	39	
Feb. 10	Consumers Power Co.	Battle Creek	Electricity	49		49	
April 19	Crabill Hose Clamp Co.	Battle Creek	Hose clamps	3	6	9	
Nov. 2	Crane, Guy E.	Battle Creek	Harness	4		4	
June 18	Cushman Auto Sales Co.	Battle Creek	Auto repairing	11	1	12	1
Sept. 18	Darlington & Co.	Battle Creek	Sheet metal	8	1	9	
June 18	Davis, O. J.	Battle Creek	Coal and feed	4	1	5	
Oct. 23	Day, Ralph	Battle Creek	Cigars	5		5	
Oct. 30	Dean Linen Co., The	Battle Creek	Art goods	1	5	6	
Oct. 9	Department of Public Works	Battle Creek	Water	14		14	
Sept. 18	DeWitt, C. C.	Battle Creek	Auto repairing	4		4	
Nov. 2	DeWitt Sisters	Battle Creek	Artificial flowers	1	6	7	
Sept. 26	District Messenger Service & Parcel Co.	Battle Creek	Messenger service	2		2	
Sept. 21	Dobbins-Petrie Furnace Co.	Battle Creek	Sheet metal	8		8	

## Factory Inspection.—Continued.

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CALHOUN CO.—Con.							
Nov. 12	Dog Fancier, The	Battle Creek	Printed matter	1	1	2	
Oct. 2	Donald, W. J.	Battle Creek	Baked goods	5	1	6	
Oct. 31	Dowdle, Thos. J.	Battle Creek	Plumbing	5		5	
May 31	Duplex Printing Press Co.	Battle Creek	Printing presses	199	5	204	
Oct. 1	Ederle, C. H. & Co.	Battle Creek	Sheet metal	11		11	
Sept. 28	Eldred, Willard H.	Battle Creek	Harness	3		3	
Sept. 17	Ellis Publishing Co.	Battle Creek	Printed matter	27	14	41	
Sept. 24	Emmerson Truck & Storage Co., The	Battle Creek	Trucking	23	1	24	1
Sept. 21	Emery Cigar Co.	Battle Creek	Cigars	11	6	17	1
Sept. 18	Enquirer Publishing Co., Ltd.	Battle Creek	Printed matter	28	4	32	1
Nov. 2	Ensign Remedies Co., The	Battle Creek	Medicines	3	1	4	
Oct. 10	Evans & Son	Battle Creek	Coal and wood	5		5	
Oct. 31	Excelsior Auto Cycle Supply Co.	Battle Creek	Auto cycle repairing	2		2	
Sept. 10	Foglesong, J. B. Mfg. Co.	Battle Creek	Cabinets	3	1	4	
Sept. 25	Ford-Brink Co.	Battle Creek	Wall paper and paints	11	1	12	
Sept. 27	Forster, G. F. Co., The	Battle Creek	Millinery		6	6	
June 22	Franklin Brass Co.	Battle Creek	Castings	7		7	
June 22	Franklin Iron & Metal Co.	Battle Creek	Junk	37	1	38	
Sept. 17	Gage Printing Co., Ltd.	Battle Creek	Printing, engraving, etc.	60	14	74	2
Oct. 1	Galloup, J. O.	Battle Creek	Plumbing	3	1	4	
Oct. 26	Galloway Bakery	Battle Creek	Baked goods	3	1	4	
Sept. 11	Gartner Baking Co.	Battle Creek	Baked goods	31	3	34	
June 20	Gillett Printing Co., The	Battle Creek	Job printing	3	1	4	
Sept. 11	Gillis, C. H. & Sons	Battle Creek	Contractors	12	1	13	
Oct. 31	Globe Mfg. Co.	Battle Creek	Air compressors	11	7	18	
Sept. 25	Godsmark, Durand & Co., Inc.	Battle Creek	Wholesale groceries	11	4	15	
Sept. 17	Good Health Publishing Co.	Battle Creek	Printed matter	8	38	46	1
Oct. 10	Goodwin Sales Co.	Battle Creek	Building material	6	1	7	
Sept. 27	Goodyear Shoe Repairer	Battle Creek	Shoe repairing	3	1	4	
Sept. 27	Gosselin Granite Co., The	Battle Creek	Monuments	7	1	8	
April 24	Grand Trunk Railway System	Battle Creek	Supply department	14	5	19	
April 23	Grand Trunk Railway System	Battle Creek	Engine repairing	607	5	612	42
Sept. 17	Graves & Evans Co.	Battle Creek	Candy	14	3	17	
Sept. 27	Great Scott Hat Factory	Battle Creek	Hats	2	1	3	
Sept. 26	Grocers, Inc.	Battle Creek	Wholesale groceries	12	5	17	
Sept. 26	Groll, George	Battle Creek	Tailoring	6	2	8	
Sept. 26	Halladay, J. F. & Son	Battle Creek	Wholesale groceries	11	2	13	
Sept. 24	Hanchett & Crooks	Battle Creek	Plumbing	25	1	26	
Sept. 21	Harris Brothers	Battle Creek	Harness	3		3	
Oct. 2	Harrison, J. J.	Battle Creek	Tailoring	1	2	3	
Oct. 31	Heffley Plumbing Co.	Battle Creek	Plumbing	8		8	
Sept. 21	Herns Mail Wagon Co.	Battle Creek	Wagons	6		6	
Oct. 2	Hockema, J.	Battle Creek	Cigars	5	2	7	
Oct. 23	Hubbard-Howell Electric Co.	Battle Creek	Electric supplies	11	1	12	
Oct. 31	Humiston-Brutsche	Battle Creek	Upholstering	2		2	
Sept. 17	Ideal Laundry, The	Battle Creek	Laundry	6	18	24	1
Sept. 2	Imperial Dye Works	Battle Creek	Cleaning and dyeing	2	1	3	
Sept. 20	Independent Garage	Battle Creek	Auto repairing	14	2	16	
Oct. 10	Ivanoff, Peter & Co.	Battle Creek	Baked goods	3		3	
June 18	J. & J. Co.	Battle Creek	Tire repairing	3		3	
Sept. 27	Johnson, Adolph	Battle Creek	Steel construction work	5		5	
April 13	Johnson Automatic Sealer Co.	Battle Creek	Sealing machines	48	1	49	
Oct. 1	Jones, J. E.	Battle Creek	Baked goods	3	2	5	
June 20	Jones & Fitzgerald	Battle Creek	Sheet metal	7		7	
Sept. 27	Jordan, S.	Battle Creek	Tailoring	1	1	2	
Sept. 12	Kellogg, F. J. Co.	Battle Creek	Medicine	1	14	15	
April 11	Kellogg Food Co., The	Battle Creek	Health foods	56	49	105	
April 21	Kellogg Toasted Corn Flake Co.	Battle Creek	Cereals	386	191	577	
Oct. 31	Keyes-Davis Co., The	Battle Creek	Metal specialties	6		13	
Sept. 28	King, H. C. Seed Co.	Battle Creek	Seeds	9		9	



Factory Inspection.—Continued.

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CALHOUN Co.—Con.							
Sept. 11	Kirkpatrick, W. J.	Battle Creek	Coal and wood	6		6	
Oct. 2	Kribs, B. W.	Battle Creek	Flowers	2		2	
Sept. 20	Lane, Loring Printing Co., Ltd.	Battle Creek	Job printing	3	1	4	1
Nov. 2	Larkin, David L.	Battle Creek	Sporting goods	2		2	
June 18	Little Letter Shop, The	Battle Creek	Job printing	2		2	
Nov. 12	Lunn, B. F.	Battle Creek	Tailoring	2		2	
Oct. 8	Lybarger, C. A.	Battle Creek	Dry cleaning	2	1	3	
Oct. 31	Maltby Auto Specialty Co.	Battle Creek	Auto repairing	4	1	5	
June 18	Maltby Auto Specialty Co.	Battle Creek	Spray pumps	6	1	7	
June 1	Mapl-Flake Mills	Battle Creek	Cereals	43	36	79	
Sept. 26	Marsh, Wayne D.	Battle Creek	Decorating	21		21	
Oct. 1	Mason, A. A. & Son.	Battle Creek	Millinery	1	2	3	
Sept. 27	Mead, The Tailor	Battle Creek	Tailoring	2		2	
Sept. 26	Merchants' Parcel Delivery	Battle Creek	Messenger service	9		9	1
May 16	Michigan Carton Co.	Battle Creek	Folding boxes	310	31	341	4
Oct. 10	Michigan Glove Co., The	Battle Creek	Gloves	2	21	23	
April 13	Michigan Metal Products Co.	Battle Creek	Sheet metal	18	2	20	2
Sept. 20	Michigan Railway Co.	Battle Creek	Car repairing	21		21	
Sept. 11	Michigan Rug & Cleaning Co.	Battle Creek	Carpet cleaning	3	1	4	
Oct. 8	Michigan State Telephone Co.	Battle Creek	Telephone service	40	160	200	1
Sept. 20	Michigan United Traction Co.	Battle Creek	Car repairing	125	4	129	
Sept. 21	Milk Producers Co.	Battle Creek	Dairy products	35		35	
Oct. 1	Miller, R. J.	Battle Creek	Painting	3		3	
Sept. 13	Minty Cigar Co.	Battle Creek	Cigars	14	5	19	1
Sept. 24	Model Bakery	Battle Creek	Baked goods	2	1	3	
Sept. 13	Moon-Journal Publishing Co.	Battle Creek	Printed matter	19	6	25	
Oct. 8	Moore, D. B.	Battle Creek	Millinery	1	4	5	
Sept. 28	Morgan & Schaffer	Battle Creek	Coal and wood	5		5	
Oct. 8	Morse, Edward J.	Battle Creek	Sheet metal	5		5	
June 13	Nichols & Shepard Co.	Battle Creek	Thrashing machines	608		608	1
Oct. 30	Nielsen & Butler	Battle Creek	Ladies' tailoring	1	3	4	
Sept. 24	North & Strong Lumber Co.	Battle Creek	Lumber	6		6	
Sept. 18	O. K. Laundry	Battle Creek	Laundry	13	40	53	
Oct. 8	Otto, Frank	Battle Creek	Shoe repairing	2	1	3	
Sept. 12	Palace Garage	Battle Creek	Auto repairing	6		6	
Sept. 25	Palmer, Frank	Battle Creek	Automobiles	4	1	5	
Nov. 2	Parker Delicatessen Shoppe, The	Battle Creek	Baked goods	1	3	4	
Sept. 28	Parker, The Furrier	Battle Creek	Furs	1	5	6	
Sept. 28	Parrish & Lusk	Battle Creek	Sheet metal	4		4	
Sept. 27	Peebles, Dr. Institute of Health, Ltd.	Battle Creek	Medicine	3	7	10	
Sept. 28	Phillip's, Henry L. Garage	Battle Creek	Auto repairing	10	1	11	2
Sept. 25	Piowaty, M. & Sons	Battle Creek	Produce	9		9	
Sept. 13	Phoenix Printing Co.	Battle Creek	Job printing	4	2	6	
Sept. 10	Post-Raymond Dairy Co.	Battle Creek	Dairy products	16		16	
Sept. 24	Postal Telegraph-Cable Co.	Battle Creek	Telegraph service	5	1	6	2
May 9	Postum Cereal Co.	Battle Creek	Cereals	745	366	1,111	2
May 10	Postum Cereal Co.	Battle Creek	Light and heat	3		3	
Oct. 1	Powers & Co.	Battle Creek	Seeds and grain	3		3	
May 3	Quaker Oats Co., The	Battle Creek	Cereals	66	31	97	
Oct. 23	Rathbun & Kraft Co.	Battle Creek	Coal and lumber	41	1	42	
Sept. 24	Redner & Cortright Paper Co.	Battle Creek	Paper	5	2	7	
April 12	Rich Steel Products Co.	Battle Creek	Tools and motor parts	148	20	168	
Sept. 28	Richtmyer Baking Co.	Battle Creek	Baked goods	2	1	3	
June 22	Ritchie, Galvin & Sons	Battle Creek	Machine repairing	5		5	
Oct. 8	Rivers Motor Co.	Battle Creek	Auto repairing	2	1	3	
Sept. 27	Runnels, Mrs. B.	Battle Creek	Beauty parlor		3	3	
June 18	Sanitarium Equipment Co.	Battle Creek	Electric supplies	9	2	11	
June 18	Saxton, E. L.	Battle Creek	Bicycle repairing	2		2	
Oct. 8	Scholz, H.	Battle Creek	Meats	4	1	5	
Sept. 20	Seedorf, W. H.	Battle Creek	Coal and seed	6		6	

## Factory Inspection.—Continued.

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CALHOUN Co.—Con.							
Oct. 1	Sharpsteen, Bertha	Battle Creek	Millinery		3	3	
Sept. 11	Sherman, H. B. Mfg. Co.	Battle Creek	Brass goods	127	32	159	
Sept. 27	Shopoff, A. Z.	Battle Creek	Ladies' tailoring	1	2	3	
Sept. 2	Shouldice Bros	Battle Creek	Sheet metal	12		12	
June 22	Shulters Granite Co.	Battle Creek	Monuments	4		4	
Oct. 2	Sikorski, J.	Battle Creek	Cigars	6	2	8	
Sept. 20	Spencer, C. Edward	Battle Creek	Job printing	2		2	
Sept. 24	Spink, Will H.	Battle Creek	Dyeing and cleaning	6	2	8	
Sept. 18	Smith, J. A.	Battle Creek	Coal and feed	5		5	
Oct. 2	Smith & Onger	Battle Creek	Tailoring	13		13	
Oct. 30	Snyder, R. W.	Battle Creek	Extracts	3		3	
Sept. 24	Snyder & Schnau	Battle Creek	Plumbing	5		5	
Oct. 9	Snyder, H. V. & Son	Battle Creek	Building contractors	11		11	
Nov. 2	Squier, V. C.	Battle Creek	Violins	5	7	12	1
Oct. 10	Standard Oil Co.	Battle Creek	Oils	10	1	11	
Oct. 1	State Street Garage	Battle Creek	Auto repairing	3		3	
Sept. 10	Steel Age Mfg. Co., Inc. The	Battle Creek	Steel screen doors	3	12	15	
Oct. 10	Stewart Bros	Battle Creek	Leather hides	4		4	
Sept. 12	Stewart Laundry	Battle Creek	Laundry	10	36	46	
Oct. 1	Stiles, I. H.	Battle Creek	Coal, etc.	2		2	
May 23	Strain, Edward D.	Battle Creek	Baked goods	20		20	
Oct. 10	Strong-Barker Hardware Co	Battle Creek	Hardware	8	1	9	
Sept. 20	Stroud's Bakery	Battle Creek	Baked goods	3	1	4	
Oct. 8	Swindell-Taylor Co	Battle Creek	Produce	4		4	
Sept. 13	"Taylor Made" Candy	Battle Creek	Candy	4	8	12	1
Sept. 28	Teeter, Fred	Battle Creek	Machine repairing	5	1	6	
May 10	There's A Reason Co., Ltd.	Battle Creek	Advertising	7	16	23	
June 20	Titus & Hicks	Battle Creek	Flour and feed	7		7	
Nov. 2	Totten, D. B. Bakery	Battle Creek	Baked goods	2	1	3	
Oct. 12	Tuckerman, M. O.	Battle Creek	Meats	3		3	
May 17	Union Steam Pump Co	Battle Creek	Machinery	285	10	295	
Sept. 18	United Motors Co	Battle Creek	Auto repairing	8		8	
Sept. 20	U. S. Auto Supply Stores Co	Battle Creek	Auto sundries	3	2	5	
May 24	United States Register Co	Battle Creek	Heat registers	59	4	63	3
May 21	United Steel & Wire Co	Battle Creek	Wire goods	24	6	30	
Sept. 27	Vogue Hat Shop	Battle Creek	Millinery	1	4	5	
Sept. 21	Walsh, A. W. Co	Battle Creek	Produce	6		6	
Sept. 13	Western Union Telegraph Co., The	Battle Creek	Telegraph service	16	8	24	8
Oct. 25	Wetmore, Fay	Battle Creek	Meats	2		2	
Oct. 1	Whellock-Prestler Roofing & Construction Co.	Battle Creek	Roofing	5		5	
Sept. 26	Wiley Vulcanizing Shop	Battle Creek	Tire repairing	2		2	
Sept. 24	Wilson, D. T.	Battle Creek	Coal and seeds	6		6	
Sept. 11	Wire Bolt Clamp Co	Battle Creek	Hose clamps	3	4	7	
Sept. 27	Wolverine Auto Cycle Co	Battle Creek	Auto cycles	2		2	
June 18	Wolverine Optical Co	Battle Creek	Optical goods	7	1	8	2
April 19	Young, E. H.	Battle Creek	Laundry	2	1	3	
Oct. 10	Zinn, A. K. & Co.	Battle Creek	Flour and feed	6		6	
Nov. 20	Campbell, E. F.	Homer	Dairy products	9		9	
Nov. 20	Cortright Milling Co	Homer	Flour	5		5	
Nov. 20	Dorris, W. H. & Son	Homer	Lumber and coal	4		4	
Nov. 19	Hayner, G. H.	Homer	Baked goods	3		3	
Nov. 20	Homer Electric Light & Power Co.	Homer	Light and power	2		2	
Nov. 19	Homer Furnace Co.	Homer	Furnaces	78		78	1
Nov. 19	Homer Garage & Machine Works	Homer	Auto repairing	1		1	
Nov. 20	Homer Index, The	Homer	Printed matter	3		3	
Nov. 20	King, W. E. & Son	Homer	Auto repairing	3		3	
Nov. 20	Osborn, J. C. & Son	Homer	Meats	2		2	
Nov. 19	Powers Implement Co.	Homer	Farm implements	2		2	
Nov. 5	All Season Body Co	Marshall	Auto tops	36	1	37	
Nov. 7	Auto Inn	Marshall	Auto repairing	3		3	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
CALHOUN Co.—Con.							
Nov. 6	Reckwith, J. C.	Marshall	Grain and feed	3		3	
Nov. 5	Boomhower Auto Supply Co.	Marshall	Auto supplies	2		2	
Nov. 7	Bossard Brothers	Marshall	Meats	3		3	
Nov. 6	Brooks Rupture Appliance Co.	Marshall	Surgical appliances	10	40	50	
Nov. 6	Chapman, E. T.	Marshall	Cigars	2		2	
Nov. 6	Chesher, Chas. G.	Marshall	Feed	2		2	
Nov. 9	Citizens Telephone Co.	Marshall	Telephone service	1	6	7	
Nov. 5	City Steam Laundry	Marshall	Laundry	2	7	9	
Nov. 9	Clute, Chas. H.	Marshall	Coal and feed	2		2	
Nov. 7	Davis, M. H.	Marshall	Shoe repairing	2		2	
Nov. 6	Deuel & Buchanan	Marshall	Coal and lumber	1		1	
Nov. 9	Eagle Garage	Marshall	Auto repairing	2		2	
Nov. 5	Elsie, A. E.	Marshall	Tailoring	4	1	5	
Nov. 7	Evening Chronicle, The	Marshall	Printed matter	6	2	8	1
Nov. 9	Ford & Williamson	Marshall	Meats	3		3	
Nov. 7	Freed, J. W.	Marshall	Cigars	1		1	
Nov. 9	Gauss, C. E.	Marshall	Medicine	3	21	24	
Nov. 5	Goff, Miss E. F.	Marshall	Millinery	1	5	6	
Nov. 7	Hart, C. W.	Marshall	Lumber	1		1	
Nov. 6	Hills' Garage	Marshall	Auto repairing	2		2	
Nov. 7	Holmes, Mrs. H. M.	Marshall	Millinery		3	3	
Nov. 7	Home Bakery, The	Marshall	Baked goods	2	2	4	
Nov. 7	Katz, R. F.	Marshall	Meats	2		2	
Nov. 7	Kuehle, J. C.	Marshall	Baked goods	5		5	
Nov. 6	Lambert Machine Co.	Marshall	Machinery	25	1	26	
Nov. 5	Lamb, G. E. & Son	Marshall	Lumber and coal	3		3	
Nov. 6	Lowder, Geo. W.	Marshall	Tinsmith	5		5	
Nov. 6	Marshall Castings Co.	Marshall	Castings	84	1	85	
Nov. 5	Marshall City Water & Electric Works	Marshall	Light and water	7	2	9	
Nov. 5	Marshall Coal & Wood Co.	Marshall	Coal and wood	4		4	
Nov. 9	Marshall Creamery Co.	Marshall	Dairy products	2		2	
Nov. 6	Marshall Furnace Co.	Marshall	Furnaces	106	8	114	2
Nov. 9	Marshall Garage	Marshall	Auto repairing	2		2	
Nov. 7	Marshall Gas Light Co., The	Marshall	Gas and coke	7	1	8	
Nov. 7	Marshall Milling Co.	Marshall	Flour and feed	4		4	
Nov. 9	Marshall News-Statesman, The	Marshall	Printed matter	4	3	7	1
Nov. 7	Marshall Plumbing & Heating Co.	Marshall	Plumbing	2		2	
Nov. 6	Marshall Steam Dye Works	Marshall	Dyeing and cleaning	2		2	
Nov. 9	Marshall Tire & Repair Co.	Marshall	Tire repairing	2		2	
Nov. 6	Mater & Leyden	Marshall	Plumbing	6	1	7	
Nov. 7	Mather, Joe	Marshall	Cigars	1		1	
Nov. 6	Merchant, F. W.	Marshall	Hay and grain	1		1	
Nov. 5	Michigan Central Railroad Co.	Marshall	Engine repairing	17		17	
Nov. 5	Michigan Central Railroad Co.	Marshall	Car repairing	61		61	
Nov. 9	Michigan State Telephone Co.	Marshall	Telephone service	4	12	16	
Nov. 9	Moll, John	Marshall	Cigars	2		2	
Nov. 7	Mumaw Bros.	Marshall	Monuments	4		4	
Nov. 5	Peerless Fixtures Co.	Marshall	Store fixtures	67		67	6
Nov. 7	Pyramid Drug Co.	Marshall	Drugs	1	8	9	
Nov. 7	Reck & Case	Marshall	Auto repairing	2		2	
Nov. 7	Sanitary Market	Marshall	Meats	3		3	
Nov. 7	Schnaitman Bros.	Marshall	Meats	3		3	
Nov. 9	Schram, T. K.	Marshall	Tailoring	1		1	
Nov. 9	Scott, Mrs. R. S.	Marshall	Millinery		3	3	
Nov. 5	Simons-Leedle Furnace Co.	Marshall	Furnaces	12	1	13	
Nov. 9	Smyth, John R.	Marshall	Job printing	4	1	5	
Nov. 6	Standard Printing Co.	Marshall	Job printing	3	1	4	
Nov. 7	Star Bakery	Marshall	Baked goods	3		3	
Nov. 7	Stuart, F. A.	Marshall	Remedies	9	1	10	
Nov. 7	Wolverine Temperature Regulator Co.	Marshall	Thermostats	1		1	

## DEPARTMENT OF LABOR.

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
CALHOUN Co.—Con.							
Nov. 19	Abrams, W. B.	Tekonsha	Grain and feed.	2		2	
Nov. 19	Fix It Garage.	Tekonsha	Auto repairing.	3		3	
Nov. 19	Keep & Martinson.	Tekonsha	Lumber and coal.	3		3	
Nov. 19	Randall, A. H. Mill Co.	Tekonsha	Flour and feed.	5	1	6	
Nov. 19	Randall, H. N.	Tekonsha	Produce.	27		27	
Nov. 19	Scherer, John.	Tekonsha	Cider.	2		2	
Nov. 19	South Bend Creamery Co.	Tekonsha	Dairy products.	1		1	
Nov. 19	Tekonsha News, The.	Tekonsha	Printed matter.	1		1	
Nov. 19	United Electric Co.	Tekonsha	Electric supplies.	1		1	
CASS COUNTY.							
Nov. 10	Cass Bakery	Cassopolis	Baked goods.	3	1	4	
Nov. 10	Cass County Home Telephone Co., The	Cassopolis	Telephone service.	1	8	9	
Nov. 10	Cassopolis Creamery Co.	Cassopolis	Dairy products.	3		3	
Nov. 10	Cassopolis Vigilant, The.	Cassopolis	Printed matter.	2	1	3	
Nov. 10	City Steam Laundry.	Cassopolis	Laundry.	2	2	4	
Nov. 10	Criswell, C. Leon.	Cassopolis	Cigars.	1		1	
Nov. 10	Hayden, W. B. & Sons Co.	Cassopolis	Hardware.	7	1	8	
Nov. 10	Kellogg Switchboard & Supply Co.	Cassopolis	Telephone supplies.	68		68	
Nov. 12	McCabe, Geo. & Son.	Cassopolis	Meats.	2		2	
Nov. 10	Michigan Gas & Electric Co.	Cassopolis	Light and power.	4		4	
Nov. 10	National Democrat, The.	Cassopolis	Printed matter.	2		2	
Nov. 10	Peck Milling & Coal Co.	Cassopolis	Feed and fuel.	11		11	
Nov. 10	Schafer Garage.	Cassopolis	Auto repairing.	4		4	
Nov. 11	Tourje, Fred A.	Cassopolis	Meats.	3		3	
Nov. 10	Waldo, S. D.	Cassopolis	Cigars.	2		2	
Nov. 6	Beckwith Co., The.	Dowagiac	Stoves, etc.	700	24	724	
Nov. 9	Cass County Home Telephone Co., The	Dowagiac	Telephone service.	4	5	9	
Nov. 8	City Steam Laundry.	Dowagiac	Laundry.	4	6	10	
Nov. 8	Colby Milling Co.	Dowagiac	Flour and feed.	14		14	
Nov. 8	Doll & Murphy.	Dowagiac	Dressed lumber.	2		2	
Nov. 8	Dowagiac Coal & Iron Co.	Dowagiac	Produce and coal.	6	1	7	
Nov. 8	Dowagiac Creamery & Butter Co.	Dowagiac	Dairy products.	2		2	
Nov. 8	Dowagiac Daily News Co., Inc., The.	Dowagiac	Printed matter.	9	4	13	3
Nov. 7	Dowagiac Drill Co.	Dowagiac	Seeding machinery.	106	1	107	
Nov. 8	Dowagiac Light & Power Co.	Dowagiac	Light and power.	5		5	
Nov. 8	Dowagiac Transfer Co.	Dowagiac	Transfer service.	4		4	
Nov. 7	Dowagiac Water Works Department.	Dowagiac	Water and light.	6		6	
Nov. 8	Dyer, H. H. Co.	Dowagiac	Monuments.	4		4	
Nov. 8	Eckert's City Bakery.	Dowagiac	Baked goods.	3	1	4	
Nov. 8	Heddon's, James Sons.	Dowagiac	Fishing bait.	28	29	57	
Nov. 7	Judd, M. & Son.	Dowagiac	Lumber.	3		3	
Nov. 9	Michigan State Telephone Co.	Dowagiac	Telephone service.	3	15	18	
Nov. 7	Oppenheim, Mark.	Dowagiac	Wood and seed.	4		4	
Nov. 7	Powell Printshop.	Dowagiac	Printed matter.	1	1	2	
Nov. 8	Robinson, E. J.	Dowagiac	Furniture repairing.	4		4	
Nov. 7	Rudy Furnace Co.	Dowagiac	Furnaces.	81	5	86	
Nov. 8	Sanitary Bakery.	Dowagiac	Baked goods.	2	1	3	
Nov. 9	Snell, S. F.	Dowagiac	Cigars.	2		2	
Nov. 8	Townsend & Jarvis.	Dowagiac	Meats.	2		2	
Nov. 8	Upton, C. D.	Dowagiac	Auto repairing.	5		5	
Nov. 6	Hampton Stock Farm Co.	Glenwood	Cooperage.	38		38	
Nov. 6	Mott, E. E.	Glenwood	Cider.	4		4	
Nov. 13	Brown, F. W.	Marcellus	Job printing.	1		1	
Nov. 12	Cass County Home Telephone Co., The	Marcellus	Telephone service.	1	3	4	
Nov. 12	Chapman, H. L.	Marcellus	Gasoline engines.	4		4	
Nov. 12	McDonald, Willard.	Marcellus	Butter tubs.	11		11	
Nov. 12	Marcellus Electric Light & Water Wks.	Marcellus	Light and water.	3		3	
Nov. 12	Marcellus Elevator.	Marcellus	Grain and feed.	2		2	
Nov. 12	Marcellus Garage.	Marcellus	Auto repairing.	1		1	
Nov. 12	Marcellus Milling Co., The	Marcellus	Flour and feed.	9	1	10	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>CASS CO.—Con.</b>							
Nov. 13	Marcellus News	Marcellus	Printed matter	1	2	3	
Nov. 13	Marcellus Steam Laundry	Marcellus	Laundry	2	1	3	
Nov. 13	Marcellus Supply Co.	Marcellus	Harness	3		3	
Nov. 12	Smith, Isaac M.	Marcellus	Lumber and coal	3		3	
Nov. 12	Spring Valley Creamery	Marcellus	Dairy products	3		3	
Nov. 13	Sweet, L. B. & Son	Marcellus	Meats	3		3	
Nov. 8	Phillips, Geo. B.	Pokagon	Lumber	31		31	
Nov. 12	South Bend Grain Co.	Vandalia	Grain	1		1	
Nov. 12	Vandalia Creamery	Vandalia	Dairy products	2		2	
Nov. 8	Beckwith Co., The	Whitmanville	Light and water	1		1	
<b>CHARLEVOIX COUNTY.</b>							
May 28	Pine Lake Grist Mills	Advance	Flour	3		3	
June 20	Cole, Garrett	Beaver Island	Lumber and shingles	9		9	
June 20	Gallagher, John S.	Beaver Island	Lumber	7		7	
June 20	Rector, Wm.	Beaver Island	Lumber	3		3	
May 26	Bacon, J. E.	Boyer City	Blacksmithing	3		3	
May 28	Bee Publishing Co., The	Boyer City	Printed matter	2	1	3	
May 28	Boisen & Lundgren	Boyer City	Tailoring	2		2	
May 26	Boyer City Bottling Works	Boyer City	Soft drinks	2		2	
May 23	Boyer City Candy Kitchen	Boyer City	Candy and ice cream	3	1	4	
May 25	Boyer City Chemical Co.	Boyer City	Forest products	279		279	
May 25	Boyer City Chemical Co.	Boyer City	Chemicals	135		135	
May 25	Boyer City Electric Co.	Boyer City	Light and power	6	1	7	
May 28	Boyer City Garage	Boyer City	Auto repairing	6		6	
May 28	Boyer City, Gaylord & Alpena R. R. Co.	Boyer City	Car repairing	43		43	
May 26	Boyer City Hardware Co., The	Boyer City	Hardware	5	1	6	1
May 26	Boyer City Lumber Co.	Boyer City	Lumber	95		95	4
May 26	Boyer City Lumber Co.	Boyer City	Forest products	71		71	
May 22	Boyer City Potash Co.	Boyer City	Potash and ice	8		8	
May 22	Boyer City Publishing Co., The	Boyer City	Printed matter	5	2	7	1
May 26	Boyer City Steam Laundry	Boyer City	Laundry	3	3	6	
May 28	Boyer City Water Works	Boyer City	Water	3		3	
May 22	Central Meat Market, The	Boyer City	Meats	2		2	
May 25	Charcoal Iron Co. of America	Boyer City	Pig iron	64	1	65	
May 25	Conrad, I. N. Iron Works, The	Boyer City	Castings	2		2	
May 26	Friedly Bros.	Boyer City	Cigars	2		2	
May 25	Hankey Milling Co.	Boyer City	Grain and seed	2		2	
May 28	Heaton & Hooper	Boyer City	Auto repairing	3		3	
May 28	Herron & Son	Boyer City	Hardware	3		3	
May 28	Krants, Neil	Boyer City	Cigars	1		1	
May 28	Marks, Louis	Boyer City	Tailoring	3		3	
May 28	Michigan State Telephone Co.	Boyer City	Telephone service	1	7	8	
May 28	Michigan Tanning & Extract Co.	Boyer City	Leather	247		247	
May 22	Moore, C. W.	Boyer City	Hardware	2		2	
May 28	Patterson Millinery Co.	Boyer City	Millinery	2	2	4	
May 25	Pine Lake Creamery Co.	Boyer City	Dairy products	2		2	
May 28	Robinson, P.	Boyer City	Blacksmithing	2		2	
May 26	Sanitary Meat Market	Boyer City	Meats	3	1	4	1
May 23	Schwensen, Albert	Boyer City	Baked goods	3	2	5	1
May 28	Sheaffer & Co.	Boyer City	Harness	3		3	
May 22	Tooley & Son	Boyer City	Meats	3		3	
May 25	Von Platen, G.	Boyer City	Lumber	44		44	1
May 25	Von Platen, G.	Boyer City	Forest products	32		32	
May 26	Vought, Mrs. J. A.	Boyer City	Millinery	2		2	
May 23	White, W. H. Co.	Boyer City	Forest products	93		93	
May 23	White, W. H. Co.	Boyer City	Lumber	64	3	67	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
CHARLEVOIX Co.—Con.							
May 23	White, W. H. Co.	Boyne City	Dressed lumber	14		14	
May 29	Clark, Fred	Boyne Falls	Blacksmithing	2		2	
May 29	Cobbs & Mitchell, Inc.	Boyne Falls	Forest products	167		167	
May 29	Cobbs & Mitchell, Inc.	Boyne Falls	Car repairing	32		32	
May 29	Grobaski, D.	Boyne Falls	Meats	1	1	2	
May 29	Meyer, Herman C.	Boyne Falls	Hardware	3		3	
May 29	Hankey Milling Co.	Boyne Falls	Flour and feed	4		4	
June 1	Argo Milling Co.	Charlevoix	Flour	9		9	
June 2	Beutel Fisheries Co.	Charlevoix	Fish	1	1	2	
June 1	Blanchard Hardware Co.	Charlevoix	Hardware	4	2	6	
June 2	Block, Martin	Charlevoix	Meats	7	1	8	
June 4	Block, Milton	Charlevoix	Meats	2		2	
June 1	Bonthron, Robert R.	Charlevoix	Plumbing	4		4	
June 1	Booth Fisheries Co.	Charlevoix	Fish	5	1	6	
May 31	Brown, Benjamin	Charlevoix	Harness	8		8	
June 8	Carr, Mrs. H. A.	Charlevoix	Millinery		2	2	
May 31	Cartier, F. E.	Charlevoix	Tailoring	1	1	2	
May 31	Central Garage, The	Charlevoix	Auto repairing	7		7	
June 2	Charlevoix Boiler Works	Charlevoix	Boiler repairing	3		3	
June 1	Charlevoix Coal & Wood Co.	Charlevoix	Wood and coal	5	1	6	
June 1	Charlevoix Courier, The	Charlevoix	Printed matter	5		5	
May 31	Charlevoix Hardware Co., The	Charlevoix	Hardware	3	1	4	
June 1	Charlevoix Lumber Co.	Charlevoix	Lumber	14		14	
June 4	Charlevoix Rock Product Co.	Charlevoix	Rock products	22		22	
June 1	Charlevoix Sentinel, The	Charlevoix	Printed matter	4		4	
June 4	Charlevoix Water & Light Plant	Charlevoix	Water and light	4	1	5	
June 2	Chatterton & Son	Charlevoix	Grain and seeds	2	15	17	
June 2	Geiken, G. C.	Charlevoix	Fish	9		9	
June 4	Hooker's Livery & Garage	Charlevoix	Livery and garage	6	1	7	
June 2	Jacobs, H. B.	Charlevoix	Meats	4		4	
June 2	Kirby, John W.	Charlevoix	Blacksmithing	2		2	
June 1	Klooster, Edward	Charlevoix	Meats	5		5	
June 2	McCann's Bakery	Charlevoix	Baked goods	3	1	4	
June 2	Mercier, Louis J.	Charlevoix	Boats	2		2	
June 8	Michigan State Telephone Co.	Charlevoix	Telephone service	2	16	18	
June 4	Neubert, Chas. A.	Charlevoix	Cigars	1		1	
June 1	O'Neill, John	Charlevoix	Fish	10	1	11	
June 4	Parmelee, W. E.	Charlevoix	Lumber	3		3	
June 2	Ranger, Roy A.	Charlevoix	Boats	4		4	
June 1	Sanitary Engineering Co.	Charlevoix	Plumbing	3	1	4	
June 8	Sears' Park Garage	Charlevoix	Auto repairing	3		3	
June 1	Sugar Bowl, The	Charlevoix	Candy	3	1	4	
June 19	Troy Steam Laundry	Charlevoix	Laundry	5	13	18	
June 2	Washburn, O. S. & Son	Charlevoix	Machine repairing	2		2	
June 1	Wood, Mrs. H. B.	Charlevoix	Millinery		2	2	
May 31	Wood Bros.	Charlevoix	Electric supplies	4		4	
June 8	Wood Bus Line	Charlevoix	Passenger service	7	1	8	
June 11	Adams & Barnett's Garage	East Jordan	Auto repairing	2		2	
June 11	Argo Milling Co.	East Jordan	Flour, etc.	3		3	
June 14	Ashley, M. E. & Co.	East Jordan	Millinery		3	3	
June 12	Bartlett, Austin E.	East Jordan	Meats	4		4	
June 14	Burdick, Eber L.	East Jordan	Meats	3		3	
June 11	Charlevoix County Herald, The	East Jordan	Printed matter	1	2	3	
June 14	Clark, Everett B. Seed Co.	East Jordan	Seeds	8	36	44	
June 13	Dickinson, Charles T.	East Jordan	Blacksmithing	2		2	
June 11	East Jordan Cabinet Co.	East Jordan	Library tables	19	1	20	
June 13	East Jordan Chemical Co.	East Jordan	Chemicals	78		78	
June 13	East Jordan Chemical Co.	East Jordan	Forest products	203		203	
June 12	East Jordan Electric Light & Power Co.	East Jordan	Light and power	3	1	4	
June 13	East Jordan Furnace Co.	East Jordan	Pig iron	46		46	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>CHARLEVOIX Co.—Con.</b>							
June 11	East Jordan Iron Works	East Jordan	Castings	9		9	
June 12	East Jordan Lumber Co., Mill A	East Jordan	Lumber	49		49	
June 12	East Jordan Lumber Co., Mill B	East Jordan	Lumber	52		52	
June 12	East Jordan Lumber Co.	East Jordan	Dressed lumber	10		10	
June 12	East Jordan Lumber Co.	East Jordan	Forest products	87		87	
June 12	East Jordan Lumber Co.	East Jordan	Flooring	36		36	
June 12	East Jordan & Southern Railroad Co.	East Jordan	Car repairing	11		11	
June 11	Enterprise Publishing Co	East Jordan	Printed matter	3		3	
June 14	Freiberg, A. W.	East Jordan	Tailoring	1	1	2	
June 12	Giles & Hawkins	East Jordan	Baked goods	2	2	4	
June 11	McCool & Mather	East Jordan	Dairy products	3		3	
June 11	Mackey, Roscoe.	East Jordan	Auto repairing	9	1	10	
June 11	Malpass, C. J.	East Jordan	Hardware	3		3	
June 14	Michigan Central Railroad Co.	East Jordan	Car repairing	12		12	
June 14	Michigan State Telephone Co	East Jordan	Telephone service	1	4	5	
June 12	Reid-Graff Plumbing Co.	East Jordan	Plumbing	5	1	6	
June 13	Shedina, Chas	East Jordan	Blacksmithing	2		2	
June 14	Stroebel Bros.	East Jordan	Hardware	3		3	
June 14	Sugar Bowl, The	East Jordan	Candy, etc	2		2	
June 13	Supernaw Produce & Fuel Co.	East Jordan	Farm products	3		3	
June 13	Walstad, Anton	East Jordan	Blacksmithing	2		2	
June 21	Booth Fisheries Co	St. James	Fish	1		1	
June 21	Boyle, Hugh P.	St. James	Lumber	6		6	
June 21	LaFreniere, Mrs. Sophia	St. James	Lumber and shingles	6		6	
June 21	McCann, James	St. James	Fish	11		11	
June 21	Malloy, L. J.	St. James	Meats	1		1	
June 21	Robbins, Charles C.	St. James	Fish	3		3	
May 31	Northern Lime Co.	Superior	Lime	16		16	
June 6	Brown's Boat Works & Garage	Walloon Lake	Boats	5		5	
June 6	Masters & Hass Boat Co.	Walloon Lake	Boats	5		5	
June 6	Sheatsley, J. F.	Walloon Lake	Lumber	5		5	
June 6	Walloon Lake Electric Light Plant	Walloon Lake	Light	2		2	
<b>CHEBOYGAN COUNTY.</b>							
Nov. 15	Campbell Stone Co.	Afton	Stone crushing	49		49	
Nov. 12	Wollangur, A. T.	Beaugrand	Lumber and shingles	16		16	
Aug. 30	Barber, Geo. A.	Cheboygan	Meats	4		4	
Sept. 6	Barber, H.	Cheboygan	Meats	3		3	
Nov. 9	Bilitzke, The Tailor	Cheboygan	Tailoring	1		1	
Aug. 30	Blake, H. A. & Son.	Cheboygan	Castings	4		4	
Aug. 30	Booth Fisheries Co.	Cheboygan	Fish	4		4	
Sept. 6	Bourrie, Joseph.	Cheboygan	Dressed lumber	5		5	
Sept. 1	Burger, Vincent	Cheboygan	Blacksmithing	2		2	
Aug. 28	Carmody Creamery	Cheboygan	Dairy products	3		3	
Sept. 6	Cheboygan Auto Sales Co.	Cheboygan	Auto repairing	2		2	
Nov. 9	Cheboygan Candy Co.	Cheboygan	Candy	2	1	3	
Aug. 28	Cheboygan City Water Works	Cheboygan	Water	5		5	
Aug. 31	Cheboygan Daily Tribune, The	Cheboygan	Printed matter	7	1	8	
Nov. 10	Cheboygan Democrat	Cheboygan	Printed matter	3	2	5	
Aug. 29	Cheboygan Electric Light & Power Co.	Cheboygan	Light and power	10		10	
Nov. 9	Cheboygan Flour Mill Co.	Cheboygan	Flour	8	1	9	
Nov. 10	Cheboygan Gas Light Co.	Cheboygan	Gas	4		4	
Sept. 4	Cheboygan Granite Co., The	Cheboygan	Monuments	2		2	
Aug. 28	Cheboygan Mfg. Co.	Cheboygan	Sash, doors, etc	12		12	
Sept. 4	Cheboygan Novelty Turning Works, The	Cheboygan	Turned goods	20		20	
Aug. 31	Cheboygan Paper Co.	Cheboygan	Paper	316	10	326	
Nov. 14	Cheboygan Stave Co.	Cheboygan	Staves	18		18	
Nov. 13	Chimner, Peter	Cheboygan	Farm implements	2		2	
Aug. 28	Cobb, C. A.	Cheboygan	Fruit and produce	4	2	6	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>CHEBOYGAN CO.—Con.</b>							
Nov. 10	Dock, Arthur	Cheboygan	Coal and wood	4	1	5	
Nov. 10	Dore, Cephas	Cheboygan	Blacksmithing	2		2	
Nov. 14	Drake, Chas.	Cheboygan	Meats	1		1	
Aug. 28	Eilers, Frank H.	Cheboygan	Baked goods	1		1	
Sept. 5	Embury-Martin Lumber Co., Inc.	Cheboygan	Lumber and shingles	76	1	77	1
Aug. 29	Fisher, J. E.	Cheboygan	Meats	4		4	
Aug. 29	Garrow, J. A.	Cheboygan	Meats	3		3	
Sept. 1	Hayes Bros	Cheboygan	Cigars	1		1	
Nov. 13	Hilborn, J. R.	Cheboygan	Fish	16		16	
Nov. 9	Herbison, Anna	Cheboygan	Millinery		2	2	
Aug. 29	Hohler, F. J.	Cheboygan	Baked goods	4		4	
Aug. 29	"Hub" Dry Cleaning Works, The	Cheboygan	Dry cleaning	1	2	3	
Nov. 10	Jackson Ice Cream Plant	Cheboygan	Ice cream	4		4	
Sept. 4	Johns, C. E. Auto Co	Cheboygan	Auto repairing	7		7	
Nov. 9	Johns, Mrs. Minnis	Cheboygan	Millinery		2	2	
Sept. 9	Jones & Wheelock	Cheboygan	Auto repairing	5		5	
Nov. 13	Keeney, N. B. & Son	Cheboygan	Seeds	2		2	
Aug. 28	Leishman, J. R.	Cheboygan	Meats	3		3	
Nov. 9	Levine, M. & Co.	Cheboygan	Hides and furs	2	1	3	
Sept. 9	Lund, J. B. & Sons	Cheboygan	Castings	14		14	
Nov. 9	McGrath, J. P.	Cheboygan	Upholstering	1		1	
Sept. 5	McMullen Printing Co.	Cheboygan	Job printing	1	1	2	
Sept. 6	Michigan State Telephone Co.	Cheboygan	Telephone service	5	9	14	
Aug. 30	Ming, F. R.	Cheboygan	Livery service	2		2	
Nov. 12	Moloney, Joseph P.	Cheboygan	Beer	2		2	
Aug. 30	Murphy, Joseph J.	Cheboygan	Cigars	2		2	
Nov. 13	Morrow, Mrs. A.	Cheboygan	Millinery		1	1	
Sept. 4	Palace Livery	Cheboygan	Livery service	3		3	
Aug. 31	Peets, Henry	Cheboygan	Plumbing	2	1	3	
Aug. 28	Pfister & Vogel Leather Co.	Cheboygan	Leather	194	2	196	3
Nov. 13	Portelance, H.	Cheboygan	Blacksmithing	2		2	
Aug. 29	Schuls Bros.	Cheboygan	Auto repairing	3		3	
Aug. 28	Schwartz Bros. & Co. Boiler Works	Cheboygan	Boilers	12		12	
Sept. 6	Stimpson, J. H.	Cheboygan	Livery service	4		4	
Nov. 10	Standard Oil Co.	Cheboygan	Oils	2		2	
Sept. 4	Star Steam Laundry	Cheboygan	Laundry	4	15	19	
Sept. 4	Taunt, H. J.	Cheboygan	Cigars	1		1	
Nov. 10	Thompson, Geo. W.	Cheboygan	Building supplies	5		5	
Aug. 29	Tuttle, J. E.	Cheboygan	Harness	1		1	
Nov. 12	Walton, Miss E. G.	Cheboygan	Millinery		2	2	
Sept. 7	Liebeck, L. H.	Mackinaw City	Meats	2		2	
Sept. 7	Mackinaw City Repair Shop	Mackinaw City	Car repairing	27	4	31	
Sept. 7	Michigan Central Railroad Co.	Mackinaw City	Car repairing	7		7	
Nov. 12	Wolf Bros.	Monro	Lumber	9		9	
Nov. 15	Carpenter, W. E.	Topinabee	Lumber	16		16	
Sept. 8	Beebe, Frank	Wolverine	Livery service	2		2	
Sept. 8	House, A.	Wolverine	Blacksmithing	2		2	
Nov. 16	Mackinsen Bros	Wolverine	Shingles	17		17	
Sept. 8	Michigan State Telephone Co.	Wolverine	Telephone service	1	1	2	
Nov. 16	Preston & Sowton	Wolverine	Light and power	2		2	
Nov. 16	Sterling, J. M.	Wolverine	Blacksmithing	1		1	
Sept. 8	Welcomb, James	Wolverine	Meats	2		2	
Sept. 8	Wolverine Courier, The	Wolverine	Printed matter	1		1	
Sept. 8	Wolverine Creamery Co.	Wolverine	Dairy products	1		1	
Sept. 8	Wolverine Garage	Wolverine	Auto repairing	1		1	
Nov. 16	Wolverine Mfg. Co.	Wolverine	Building material	2		2	



Factory Inspection.—Continued.

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CHIPPewa COUNTY.							
Jan. 29	Brimley Creamery	Brimley	Dairy products	2		2	
Jan. 29	Keller, G. R.	Brimley	Blacksmithing	1		1	
Jan. 29	Reinhard, A. W.	Brimley	Produce and grain	2		2	
Jan. 29	Thompson & Washburn	Brimley	Dairy products	2		2	
Jan. 29	Detour Dock Co., The	DeTour	Coal	31		31	
Jan. 30	DeTour Meat Market	DeTour	Meats	2		2	
Jan. 29	Konkle, L. H.	DeTour	Lumber	7		7	
Jan. 29	Watson, T. H.	DeTour	Coal	9		9	
Jan. 29	Wilkie, H. L.	DeTour	Blacksmithing	3		3	
Jan. 29	Young, Toney	DeTour	Lumber	6		6	
Jan. 31	McKee, R.	Donaldson	Lumber and shingles	7		7	
Jan. 30	Dowd Bros.	Fibre	Lumber	12		12	
Jan. 30	Wenzel Lumber Co., The	Fibre	Lumber	25		25	
Jan. 31	Kreatan Co.	Johnswood	Lumber	116	2	118	1
Jan. 31	Kreatan Co.	Johnswood	Lumber	113		113	
Jan. 31	Carr, Hugh	Pickford	Blacksmithing	2		2	
Jan. 31	McDonald, I. D.	Pickford	Lumber	3		3	
Jan. 31	Pickford Clarion, The	Pickford	Printed matter	1	3	4	
Jan. 31	Pickford Roller Mills	Pickford	Flour	3	1	4	
Jan. 31	Roe, Adam	Pickford	Blacksmithing	3		3	
Jan. 31	Roe, O. S.	Pickford	Blacksmithing	2		2	
Jan. 31	Taylor, Fred	Pickford	Hardware	8		8	
Jan. 27	Murner, W. H.	Raber	Lumber	77		77	
Jan. 27	Murner, W. H.	Raber	Lumber	42		42	
Jan. 29	Richardson & Avery Co.	Raco	Lumber	55	1	56	1
Jan. 29	Richardson & Avery Co.	Raco	Forest products	83		83	
Jan. 14	Harms, Andrew	Rudyard	Blacksmithing	2		2	
Jan. 14	Isaac, William	Rudyard	Meats	1		1	
Jan. 14	Johnson, M. J.	Rudyard	Blacksmithing	3		3	
Jan. 14	Thornton Bros. Brick Co.	Rudyard	Brick and tile	37		37	1
Jan. 14	Williams, C. E.	Rudyard	Lumber	25	1	26	
Jan. 11	Agnew, Thos. R.	Sault Ste. Marie	Meats	2		2	
Jan. 9	Barry, E. J.	Sault Ste. Marie	Dyeing and cleaning	2	1	3	
Jan. 11	Barton Bros.	Sault Ste. Marie	Plumbing	3	1	4	
Jan. 9	Beckingham, Charles	Sault Ste. Marie	Plumbing	5	1	6	1
Jan. 14	Booth Bros.	Sault Ste. Marie	Coal and wood	6	2	8	
Jan. 24	Booth, Geo. K.	Sault Ste. Marie	Candy and fruit	2		2	
Jan. 23	Booth Fisheries Co.	Sault Ste. Marie	Fish	8	1	9	
Jan. 9	Booth-Newton Co.	Sault Ste. Marie	Produce, fruit, etc.	10	1	11	
Jan. 12	California Fruit Store	Sault Ste. Marie	Candy	4	2	6	1
Jan. 11	Callaghan, Frank	Sault Ste. Marie	Meats	2		2	
Jan. 22	Cameron Bros.	Sault Ste. Marie	Meats	3	1	4	
Jan. 23	Central Ice Cream Parlor	Sault Ste. Marie	Candy	3		3	
Jan. 10	Chippewa Automobile Co.	Sault Ste. Marie	Auto repairing	3	1	4	
Jan. 9	Comb, A. M.	Sault Ste. Marie	Baked goods	6	1	7	
Jan. 14	Connolly Mfg. Co.	Sault Ste. Marie	Harness	8	3	11	
Jan. 18	Cornwell Co., The	Sault Ste. Marie	Provisions	8	3	11	
Jan. 14	Crisp Laundry Co.	Sault Ste. Marie	Laundry	7	21	28	
Jan. 21	Daniels Co., The	Sault Ste. Marie	Contracting	255		255	
Jan. 9	Dickson, W. H.	Sault Ste. Marie	Livery service	5	1	6	
Jan. 18	Dingman Transfer Line	Sault Ste. Marie	Passenger service	5		5	
Jan. 17	Duluth, South Shore & Atlantic Railway Co.	Sault Ste. Marie	Car repairing	34		34	
Jan. 17	Duluth, South Shore & Atlantic Railway Co.	Sault Ste. Marie	Freight	15	6	21	
Jan. 15	Eddy, A. H.	Sault Ste. Marie	Baked goods	4		4	
Jan. 15	Eddy, A. H.	Sault Ste. Marie	Meats	2		2	
Jan. 10	Edison Sault Electric Co.	Sault Ste. Marie	Light and power	29	4	33	
Jan. 22	Feetham, W. T.	Sault Ste. Marie	Jewelry	3	1	4	
Jan. 18	Gamble-Robinson-Shaw Co.	Sault Ste. Marie	Produce	9	1	10	
Jan. 10	Gerrie Press, The	Sault Ste. Marie	Printing and engraving	2	1	3	
Jan. 12	Gianakura Bros.	Sault Ste. Marie	Ice cream, etc.	2	1	3	

## Factory Inspection.—Continued.

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CHIPPEWA Co.—Con.							
Jan. 10	Gowan Hardware Co.	Sault Ste. Marie.	Hardware	8	1	9	1
Jan. 18	Great Lakes Dredge & Dock Co.	Sault Ste. Marie.	Marine contracting	162	3	165	
Jan. 11	Great Lakes Laundry Co.	Sault Ste. Marie.	Laundry	11	23	34	
Jan. 15	Harrison, D. E.	Sault Ste. Marie.	Sheet metal	7		7	
Jan. 10	Hat Shop, The	Sault Ste. Marie.	Millinery		2	2	
Jan. 18	Hewett Grain & Provision Co.	Sault Ste. Marie.	Provisions	3	1	4	
Jan. 16	Hickler Bros.	Sault Ste. Marie.	Castings	39		39	
Jan. 16	Hickler Bros.	Sault Ste. Marie.	Ship repairing	16		16	
Jan. 15	Hill's City & Marine Bakery	Sault Ste. Marie.	Baked goods	4	1	5	
Jan. 17	Holland Furnace Co.	Sault Ste. Marie.	Furnaces	4	1	5	
Jan. 11	Hyman, A. S.	Sault Ste. Marie.	Tailoring	6	1	7	
Jan. 26	Jean, A. J.	Sault Ste. Marie.	Jewelry	2		2	
Jan. 17	Jensen, J. C.	Sault Ste. Marie.	Tailoring	2		2	
Jan. 16	Kaine Boiler & Sheet Metal Works	Sault Ste. Marie.	Boilers	7		7	
Jan. 22	Kelly Lumber Co.	Sault Ste. Marie.	Lumber	28		28	
Jan. 9	Kemp Bros. Coal Co.	Sault Ste. Marie.	Coal	9	1	10	
Jan. 18	Kemp, Lewis D.	Sault Ste. Marie.	Lime and cement	3		3	
Jan. 22	King, B. W.	Sault Ste. Marie.	Machine repairing	6		6	
Jan. 16	Kirvan, Gus.	Sault Ste. Marie.	Blacksmithing	1		1	
Jan. 19	Lake Superior Granite & Marble Works	Sault Ste. Marie.	Monuments	2		2	
Jan. 12	Laurie, Geo. J.	Sault Ste. Marie.	Cigars	5	1	6	1
Jan. 22	Lipsett, J. L.	Sault Ste. Marie.	Machinery	7		7	
Jan. 11	Lock City Laundry	Sault Ste. Marie.	Laundry	3		3	
Jan. 17	Lock City Mfg. Co., Ltd.	Sault Ste. Marie.	Sash, doors, etc.	11		11	
Jan. 17	Lock City Carriage & Wagon Works	Sault Ste. Marie.	Wood and iron work	3		3	
Jan. 18	MacLachlin Bros. Co.	Sault Ste. Marie.	Flour and feed	8	2	10	
Jan. 12	McKelvie, James	Sault Ste. Marie.	Blacksmithing	2		2	
Jan. 16	McKenzie, Neil	Sault Ste. Marie.	Shoe repairing	2		2	
Jan. 10	Madigan, John A.	Sault Ste. Marie.	Tailoring	1	1	2	
Jan. 11	Martin, Norman L.	Sault Ste. Marie.	Job printing	2		2	
Jan. 9	Merrifield, J. R.	Sault Ste. Marie.	Cigars	6	2	8	
Jan. 19	Michigan Northern Power Co.	Sault Ste. Marie.	Electricity	58		58	
Jan. 16	Michigan State Telephone Co.	Sault Ste. Marie.	Telephone service	5	20	25	
Jan. 19	Minneapolis Brewing Co.	Sault Ste. Marie.	Beer	2	1	3	
Jan. 17	Minneapolis, St. Paul & Sault Ste. Marie Railway Co.	Sault Ste. Marie.	Freight	15	6	21	
Jan. 14	Model, The	Sault Ste. Marie.	Custom clothing	2		2	
Jan. 15	Model Bakery	Sault Ste. Marie.	Baked goods	6		6	
Jan. 14	Model Meat Market	Sault Ste. Marie.	Meats	2		2	
Jan. 17	Moher Meat & Provision Co., The	Sault Ste. Marie.	Meats	3		3	
Jan. 17	Moher Meat & Provision Co., The	Sault Ste. Marie.	Meats	8	1	9	
Jan. 12	Moles, C. A.	Sault Ste. Marie.	Blacksmithing	3		3	
Jan. 23	Moutsatson, N.	Sault Ste. Marie.	Candy	3		3	
Jan. 12	National Grocer Co.	Sault Ste. Marie.	Groceries	13	3	16	
Jan. 16	Northern Electric Co.	Sault Ste. Marie.	Electrical supplies	10		10	
Jan. 14	Northwestern Leather Co.	Sault Ste. Marie.	Leather	372	2	374	
Jan. 22	O'Neill, W. H.	Sault Ste. Marie.	Hardware	3	1	4	
Jan. 15	Partridge, E. T.	Sault Ste. Marie.	Plumbing	3	1	4	
Jan. 15	Partridge & Shunk	Sault Ste. Marie.	Auto repairing	4		4	
Jan. 11	Pingatore, Eugene	Sault Ste. Marie.	Custom clothing	2		2	
Jan. 19	Pintsch Compressing Co.	Sault Ste. Marie.	Gas	2		2	
Jan. 19	Pittsburgh Steamship Co.	Sault Ste. Marie.	Marine supplies	22		22	
Jan. 18	Raymond Furniture Co., The	Sault Ste. Marie.	Furniture	5	2	7	
Jan. 19	Richards, Alf. Ice Co.	Sault Ste. Marie.	Ice	8	1	9	
Jan. 16	Robertson's Shoe Shop	Sault Ste. Marie.	Shoe repairing	4		4	
Jan. 10	Royal Meat Market	Sault Ste. Marie.	Meats	2		2	
Jan. 26	Salo, John	Sault Ste. Marie.	Meats	2		2	
Jan. 9	Sault News Printing Co.	Sault Ste. Marie.	Printed matter	21	8	29	3
Jan. 12	Sault Ste. Marie Gas & Electric Co.	Sault Ste. Marie.	Gas	7	1	8	
Jan. 17	Sault Ste. Marie Water Works	Sault Ste. Marie.	Water	18		18	
Jan. 14	Sawyers, Hal S.	Sault Ste. Marie.	Draying	2	1	3	

Factory Inspection.—Continued.

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<b>CHIPPEWA Co.—Con.</b>							
Jan. 11	Schiff, Simon	Sault Ste. Marie.	Custom clothing	2	1	3	
Jan. 12	Schiminus, Joseph	Sault Ste. Marie.	Tailoring	2		2	
Jan. 22	Silberberg Bros.	Sault Ste. Marie.	Tailoring	2		2	
Jan. 12	Skidmore, S. C.	Sault Ste. Marie.	Meats	2		2	
Jan. 15	Soo Bottling Works	Sault Ste. Marie.	Soft drinks	3		3	
Jan. 16	Soo Brewing Co.	Sault Ste. Marie.	Beer	16		16	
Jan. 26	Soo Granite & Marble Works	Sault Ste. Marie.	Monuments	2		2	
Jan. 12	Soo Hardware Co., The	Sault Ste. Marie.	Hardware	26	8	34	1
Jan. 9	Soo Hardware Co., The	Sault Ste. Marie.	Hardware	3		3	
Jan. 18	Soo Lumber Co., The	Sault Ste. Marie.	Lumber	15		15	
Jan. 9	Soo Machine & Auto Co.	Sault Ste. Marie.	Auto repairing	9	1	10	
Jan. 11	Soo Meat Market	Sault Ste. Marie.	Meats	2		2	
Jan. 14-	Soo Times, The	Sault Ste. Marie.	Printed matter	3	1	4	
Jan. 10	Soo Woolen Mills	Sault Ste. Marie.	Woolen goods	14	41	55	1
Jan. 24	Sprague, W. B.	Sault Ste. Marie.	Candy, etc	2	7	9	
Jan. 18	Standard Oil Co.	Sault Ste. Marie.	Oils	4		4	
Jan. 12	Stephens, Mrs. J.	Sault Ste. Marie.	Millinery		2	2	
Jan. 10	Sundley, Mrs. L.	Sault Ste. Marie.	Millinery		2	2	
Jan. 22	Thoenen, C. J.	Sault Ste. Marie.	Hardware	1	1	2	
Jan. 23	Trans-St. Mary's Traction Co.	Sault Ste. Marie.	Passenger service	14	1	15	
Jan. 19	Tymon Lumber Co.	Sault Ste. Marie.	Lumber	9		9	
Jan. 15	Union Carbide Co.	Sault Ste. Marie.	Calcium carbide	709	5	714	1
Jan. 26	Wynn Auto Sales Co.	Sault Ste. Marie.	Auto repairing	2		2	
Jan. 30	Michigan Forest Products Co.	Strongs	Forest products	51		51	
Jan. 30	Michigan Forest Products Co.	Strongs	Lumber	45		45	
Feb. 2	Furlong, P. M.	Trout Lake.	Forest products	11		11	
Feb. 2	Kramer & Crego Co.	Trout Lake.	Forest products	6	1	7	
Feb. 2	Smith, G. M. & Co.	Trout Lake.	Meats	3		3	
<b>CLARE COUNTY.</b>							
Nov. 15	Allen & Manee	Clare	Meats	2		2	
Nov. 14	Bryant, Geo	Clare	Blacksmithing	2		2	
Nov. 15	Central Gas Co.	Clare	Gas	2	1	3	
Nov. 14	Central Michigan Light & Power Co.	Clare	Light and power	4		4	
Nov. 14	Clare City Mills	Clare	Flour and feed	3	1	4	
Nov. 15	Clare Courier	Clare	Printed matter	3	3	6	
Nov. 14	Clare Crate Works	Clare	Poultry crates, etc	7		7	
Nov. 14	Clare Elevator Co.	Clare	Grain and beans	4	7	11	
Nov. 14	Clare Hay, Grain & Bean Co.	Clare	Grain and beans	4	16	20	
Nov. 14	Clare Sentinel, The	Clare	Printed matter	4	4	8	
Nov. 14	Dawson Cigar Co.	Clare	Cigars	2		2	
Nov. 14	Crouse, Daniel	Clare	Blacksmithing	2		2	
Nov. 14	Farmers' Independent Produce Co.	Clare	Produce	2	1	3	
Nov. 15	Faught, Samuel	Clare	Plumbing	2		2	
Nov. 15	Foss, J. E. & Sons	Clare	Baked goods	3		3	
Nov. 14	Hailestad, Lillian	Clare	Millinery		2	2	
Nov. 15	Hampton, I. E.	Clare	Auto repairing	4		4	
Nov. 14	Hanley Bros	Clare	Produce	2		2	
Nov. 15	Jackson, L. W. & F.	Clare	Meats	3		3	
Nov. 14	Jones, H. W.	Clare	Custom clothing	1		1	
Nov. 14	Lange, Wm	Clare	Shoe repairing	2		2	
Nov. 15	List Mfg. Co., The	Clare	Linotype cleaners	2		2	
Nov. 14	McKinnon, Archie	Clare	Blacksmithing	1		1	
Nov. 14	McNeill, W. L.	Clare	Blacksmithing	2		2	
Nov. 14	Michigan State Telephone Co.	Clare	Telephone service	2	10	12	
Nov. 15	Schunk, T.	Clare	Auto repairing	2		2	
Nov. 15	Shumway, L. M.	Clare	Produce	1		1	
Nov. 14	Smalley Bros.	Clare	General repairing	2		2	
Nov. 14	Terwilliger, Grant	Clare	Harness	1		1	
Nov. 15	Verdeer, W. & Co.	Clare	Baked goods	1		1	

## Factory Inspection.—Continued.

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CLARE Co.—Con.							
Nov. 14	Westfield & Fall River Lumber Co.	Clare	Lumber	2	1	3	
Nov. 15	Whitlock, C. & N.	Clare	Milinery		2	2	
Nov. 14	Bingham, F. E.	Farwell	Auto repairing	2		2	
Nov. 14	Farwell Lumber Co.	Farwell	Lumber	2		2	
Nov. 14	Fuller, W. C.	Farwell	Grain and beans	5	1	6	
Nov. 14	Lewellyn Bean Co.	Farwell	Grain and beans	1		1	
Nov. 14	McNeil, H. L.	Farwell	Blacksmithing	2		2	
Nov. 14	Stinchcomb, J. H.	Farwell	Meats	1		1	
Nov. 16	Clare County Cleaver, The	Harrison	Printed matter	1	1	2	
Nov. 16	Harrison Elevator Co.	Harrison	Grain and beans	3		3	
Nov. 16	Municipal Light & Water Plant	Harrison	Light and water	2		2	
CLINTON COUNTY.							
Aug. 21	Cushman, S. & Son Co.	Bath	Grain and beans	4	16	20	
Aug. 21	Detluff, Albert	Bath	Blacksmithing	1		1	
Aug. 18	Breisch & Co.	Dewitt	Grain and beans	2		2	
Aug. 18	Calder, Frank	Dewitt	Blacksmithing	2		2	
Aug. 18	Dewitt Cheese Factory	Dewitt	Cheese	2		2	
Aug. 18	Kraas, W. F.	Dewitt	Lumber and coal	2		2	
Aug. 18	Linn, D. J.	Dewitt	Auto repairing	2		2	
Aug. 21	Balderson, F. A. & Co.	Eagle	Grain and beans	3	10	13	
Aug. 21	DeLaVeigne, C. L.	Eagle	Blacksmithing	1		1	
Aug. 22	Besley, B. M.	Elsie	Blacksmithing	2		2	
Aug. 22	Conklin, Claude	Elsie	Meats	2		2	
Aug. 22	Curtis, L. W.	Elsie	Grain and coal	2		2	
Aug. 22	Ekenberg Co., The	Elsie	Powdered milk	31	6	37	
Aug. 22	Elsie Electric Light Plant	Elsie	Light	2		2	
Aug. 22	Elsie Roller Mills	Elsie	Flour and feed	2		2	
Aug. 22	Elsie Sun, The	Elsie	Printed matter	1	1	2	
Aug. 22	Garrett & Wooley	Elsie	Meats	3		3	
Aug. 22	Hankins Bros.	Elsie	Coal and grain	5	20	25	
Aug. 22	Harris Lumber & Coal Co.	Elsie	Lumber and coal	1		1	
Aug. 22	Seofield & Johnson	Elsie	Auto repairing	3		3	
Aug. 22	Sheldon, C. M. & Son	Elsie	Auto repairing	3		3	
Aug. 22	Eureka Cheese Co.	Eureka	Cheese	2		2	
Aug. 22	Kirby & Miller	Eureka	Blacksmithing	2		2	
Aug. 23	Fowler Creamery Co.	Fowler	Dairy products	2	1	3	
Aug. 25	Fowler Garage	Fowler	Auto repairing	3		3	
Aug. 23	Fowler Roller Mills	Fowler	Flour and feed	3		3	
Aug. 23	Snyder Bros.	Fowler	Meats	2		2	
Aug. 23	Sturgis & Sons	Fowler	Grain and beans	6	2	8	
Aug. 23	Wieber, A. & Son	Fowler	Lumber	3		3	
Aug. 23	Casterline, Fred G.	Maple Rapids	Farm implements and electric lights	2		2	
Aug. 22	Hastings & Frisbie	Maple Rapids	Meats	2		2	
Aug. 23	Hoerner, Geo. M.	Maple Rapids	Blacksmithing	2		2	
Aug. 23	Libby, McNeill & Libby	Maple Rapids	Milk	2		2	
Aug. 23	Maple Rapids Mills	Maple Rapids	Flour and feed	2		2	
Aug. 23	Maple Rapids Print Shop, The	Maple Rapids	Job printing	1	1	2	
Aug. 23	Price, S.	Maple Rapids	Blacksmithing	1		1	
Aug. 23	Wood, S. E.	Maple Rapids	Potash	6		6	
Aug. 23	Wright & Britten	Maple Rapids	Auto repairing	4		4	
Aug. 24	Bensinger, Joel	Ovid	Handles, etc.	6		6	
Aug. 24	Cole, W. E.	Ovid	Blacksmithing	1		1	
Aug. 24	Cross, E. E.	Ovid	Auto repairing	1		1	
Aug. 22	Ekenberg Co., The	Ovid	Condensed milk	5		5	
Aug. 24	Groat, Albert	Ovid	Blacksmithing	1		1	
Aug. 24	Harris Lumber & Coal Co.	Ovid	Lumber and coal	3	1	4	
Aug. 24	Leland, E. C.	Ovid	Auto repairing	3		3	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>CLINTON Co.—Con.</b>							
Aug. 24	Meehan, Mrs. F. J.	Ovid	Millinery		2	2	
Aug. 24	Morse & Sheldon	Ovid	Meats	3		3	
Aug. 24	Ovid Electric Light & Water Works	Ovid	Light and water	3		3	
Aug. 24	Ovid Register-Union	Ovid	Printing	1	1	2	
Aug. 24	Ovid Roller Mills	Ovid	Flour and feed	6		6	
Aug. 24	Smith, E. C.	Ovid	Grain and beans	3	23	26	
Aug. 24	Stowell, E. Co.	Ovid	Meats	2		2	
Aug. 24	Vaughan, L. H.	Ovid	Seeds	6	15	21	
Aug. 17	Bishop's Clinton Creamery	St. Johns	Dairy products	4		4	
Aug. 25	Britton & Walker	St. Johns	Farm implements & cream	2		2	
Aug. 28	Clinton Republican, The	St. Johns	Printed matter	6	3	9	
Aug. 25	Clinton Telephone Co.	St. Johns	Telephone service	3	6	9	
Aug. 16	Danley, Byron	St. Johns	Produce	9		9	
Aug. 16	Dewitt, O. P. & Son	St. Johns	Groceries	11	3	14	
Aug. 17	Dimond, Geo. F. & Co.	St. Johns	Grain and beans	6	30	36	
Aug. 25	Durkee, Miss S. C.	St. Johns	Millinery		5	5	
Aug. 17	Fehrenbach Market	St. Johns	Meats	3		3	
Aug. 17	Fletcher, Geo. G.	St. Johns	Blacksmithing	2		2	
Aug. 25	Fowler & Ball	St. Johns	Plumbing	8		8	
Aug. 21	Georgia, Fred D.	St. Johns	Meats	3		3	
Aug. 20	Harmon & Folts	St. Johns	Flour and feed	3		3	
Aug. 16	Hayes Motor Truck Wheel Co.	St. Johns	Truck wheels	190	17	207	2
Aug. 17	Hendershott, Frank	St. Johns	Cigars	5	2	7	
Aug. 25	Hicks, John	St. Johns	Coal, grain, etc.	6	20	26	
Aug. 17	Hoerner, H. M. & Son	St. Johns	Meats	2		2	
Aug. 16	Industrial Foundry Co.	St. Johns	Castings	26		26	
Aug. 20	Johnson Steam Laundry	St. Johns	Laundry	1	2	3	
Aug. 16	Mason, F. C. & Co.	St. Johns	Farm implements	23	4	27	2
Aug. 17	Moss, W. J. Auto Co.	St. Johns	Auto repairing	5		5	
Aug. 20	Murray, W. J.	St. Johns	Baked goods	3	1	4	
Aug. 25	Mutual Gas Co.	St. Johns	Gas	5		5	
Aug. 17	Parr Lumber Co.	St. Johns	Lumber	12	1	13	
Aug. 17	Pierson, L. B.	St. Johns	Feed and seeds	2		2	
Aug. 20	Putt & Thomas	St. Johns	Baked goods	5	1	6	
Aug. 17	Richmond & Holmes	St. Johns	Machine repairing	6		6	
Aug. 17	St. Johns Electric & Water Works	St. Johns	Light and water	10		10	
Aug. 20	St. Johns Granite Co.	St. Johns	Monuments	3		4	
Aug. 20	St. Johns News	St. Johns	Printed matter	4	4	8	
Aug. 16	St. Johns Portable Building Co., The	St. Johns	Portable buildings	32	1	33	
Aug. 25	St. Johns Steam Laundry	St. Johns	Laundry	2	3	5	
Aug. 20	Shaffer, S. N.	St. Johns	Auto repairing	2		2	
Aug. 20	Shaw, Robert H.	St. Johns	Harness	2		2	
Aug. 17	Smith, A. T.	St. Johns	Auto repairing	6	1	7	
Aug. 17	Sprague & Ward	St. Johns	Grain and flour	5		5	
Aug. 20	Stephan, Con.	St. Johns	Cigars	5	2	7	
Aug. 20	Stevens, Mrs. E. N.	St. Johns	Millinery	1	5	6	
Aug. 25	Clinton Auto Sales Co.	St. Johns	Auto repairing	3		3	
Aug. 20	Union Telephone Co., The	St. Johns	Telephone service	3	10	13	
Aug. 17	Waters & Crowner Granite Mfg. Co.	St. Johns	Monuments	6		6	
Aug. 20	Zavits, L. W.	St. Johns	Meats	3		3	
Aug. 23	Belen, Matt.	Westphalia	Meats	2		2	
Aug. 23	Westphalia Creamery, The	Westphalia	Dairy products	4	1	5	
Aug. 23	Westphalia Milling Co.	Westphalia	Flour and feed	2		2	
<b>CRAWFORD COUNTY.</b>							
Nov. 27	Burke, George	Frederic	Auto repairing	2		2	
Nov. 27	Walsh Mfg. Co.	Frederic	Headings	55		55	
Nov. 28	American Express Co.	Grayling	Express service	2		2	
Sept. 24	Benson, John	Grayling	Auto repairing	2		2	
Sept. 24	Burke's Garage	Grayling	Auto repairing	4		4	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>CRAWFORD Co.—Con.</b>							
Sept. 24	Charron Cigar Co.	Grayling	Cigars	2		2	
Sept. 25	Crawford Avalanche, The	Grayling	Job printing	2	3	5	
Sept. 26	DuPont, E. I. DeNemours & Co.	Grayling	Chemicals	195		195	8
Sept. 26	Game & Burrows	Grayling	Meats	4		4	1
Sept. 22	Goudrow, John O.	Grayling	Shoe repairing	1		1	
Sept. 25	Grayling City Telephone Co.	Grayling	Telephone service	2	5	7	
Sept. 24	Grayling Dowel & Tie Plug Co.	Grayling	Dowel pins	18	3	21	1
Nov. 28	Grayling Electric Co.	Grayling	Light	2		2	
Nov. 28	Grayling Water Works	Grayling	Water	3		3	
Sept. 26	Hanson, R. & Sons	Grayling	Lumber	38		38	
Sept. 25	Kerry & Hanson Flooring Co.	Grayling	Flooring	56	1	57	
Sept. 24	Letskus, J. W.	Grayling	Cigars	2		2	
Sept. 24	Liets Bros.	Grayling	Custom clothing	2		2	
Sept. 22	McCullough, Chas. O.	Grayling	Harness	1		1	
Nov. 28	Manistee & North-Eastern R. R. Co.	Grayling	Passenger service	3		3	
Sept. 26	Michigan Central Railroad Co.	Grayling	Car repairing	25	1	26	
Sept. 26	Michigan Central Railroad Co.	Grayling	Car repairing	37		37	
Nov. 28	Michigan Central Railroad Co.	Grayling	Freight	9		9	
Nov. 28	Michigan Central Railroad Co.	Grayling	Passenger service	3	1	4	
Sept. 22	Milks, F. H.	Grayling	Meats	5		5	
Sept. 26	Model Bakery, The	Grayling	Baked goods	6	2	8	
Sept. 25	Olson, E. J.	Grayling	Shoe repairing	2		2	
Sept. 24	Salling, Hanson Co.	Grayling	Lumber	155	3	158	
Sept. 25	Salling, Hanson Co.	Grayling	Planing mill	23		23	
<b>DELTA COUNTY.</b>							
April 26	Bark River Creamery	Bark River	Dairy products	3		3	
April 12	Arntsen Bros. Co.	Escanaba	Lumber	14		14	6
April 13	Aronson, F. W.	Escanaba	Tailoring	6		6	
April 13	Aronson, P. A.	Escanaba	Shoe repairing	2		2	
April 17	Baum, A.	Escanaba	Hardware	2		2	
April 16	Beauchamp, J. A.	Escanaba	Harness	2		2	
April 9	Bird's Eye Veneer Co.	Escanaba	Veneer	69		69	
April 11	Boisclair & Beauchamp	Escanaba	Tailoring	3		3	
April 11	Bolger, E. F.	Escanaba	Bicycle repairing	1		1	
April 9	Bonamer, A.	Escanaba	Candy	1	1	2	
April 10	Bon Ton Candy Kitchen	Escanaba	Candy and ice cream	1	1	2	
April 16	Boston Candy Store	Escanaba	Candy and ice cream	3		3	
April 19	Boyer, Joseph	Escanaba	Blacksmithing	3		3	
April 16	Breitenbach, H. M.	Escanaba	Meats	3		3	1
April 12	Bubser, H.	Escanaba	Meats	2		2	
April 13	Candyland, The	Escanaba	Candy	2	1	3	
April 12	Central Cash Market	Escanaba	Meats and groceries	5		5	
April 9	Chatfield Machine & Foundry Co.	Escanaba	Foundry	26		26	
May 5	Chicago, Milwaukee & St. Paul Railway Co.	Escanaba	Iron and coal	104		104	1
April 9	Chicago & North Western Ry.	Escanaba	Passenger service	310		310	
April 10	City Bottling Works, The	Escanaba	Soft drinks	1		1	
April 14	City and Marine Meat Market	Escanaba	Meats	3		3	
April 14	Cloverland Cigar & Tobacco Co.	Escanaba	Cigars	5		5	1
April 14	Degrand, A. & J. Co.	Escanaba	Flour and feed	5	1	6	
April 11	DeLisle Bros.	Escanaba	Shoe repairing	3		3	
April 13	Delta County Bottling Works	Escanaba	Soft drinks	2		2	
April 9	Delta Garage	Escanaba	Auto repairing	1		1	
April 17	Delta Printing Co., The	Escanaba	Printing	2	1	3	
April 16	Dery, Joseph	Escanaba	Blacksmithing	3		3	
April 11	Ehnerd, Chas.	Escanaba	Meats	2		2	
April 11	Escanaba Bottling Works	Escanaba	Soft drinks	3		3	
April 11	Escanaba Brewing Co.	Escanaba	Beer	15		15	
April 20	Escanaba Cigar Co.	Escanaba	Cigars	12	3	15	4
April 20	Escanaba Daily Mirror, The	Escanaba	Printed matter	9	1	10	1
April 10	Escanaba Delivery Co.	Escanaba	Delivery service	13	1	14	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>DELTA Co.—Con.</b>							
April 13	Escanaba Electric & Garage Co.	Escanaba	Electrical supplies.	2		2	
April 10	Escanaba Granite & Marble Works.	Escanaba	Monuments.	4	1	5	
April 12	Escanaba Hardware Co.	Escanaba	Hardware.	4	1	5	
April 12	Escanaba Harness Co.	Escanaba	Harness.	2		2	
April 17	Escanaba Journal.	Escanaba	Printing.	7	2	9	1
April 9	Escanaba Manufacturing Co.	Escanaba	Woodenware.	171	163	334	35
April 14	Escanaba Morning Press Co., The.	Escanaba	Printed matter.	9	1	10	1
April 19	Escanaba Municipal Lighting Plants.	Escanaba	Electricity and gas.	14		14	
April 20	Escanaba Pulp & Paper Co.	Escanaba	Pulp and paper.	67		67	
April 19	Escanaba Steam Laundry Co.	Escanaba	Laundry.	9	21	30	
April 12	Escanaba Traction Co.	Escanaba	Passenger service.	36		36	1
April 9	Escanaba Veneer Co.	Escanaba	Veneer and tooth picks.	17	24	41	
April 21	Estemento Cigar Co.	Escanaba	Cigars.	5		5	
April 21	Fernando Cigar Co.	Escanaba	Cigars.	6		6	1
April 11	Flagstad, C.	Escanaba	Custom clothing.	1	1	2	
April 10	Fong, Chas. Laundry.	Escanaba	Laundry.	5		5	
April 9	Frenn, Chas.	Escanaba	Ice cream.	1		1	
April 11	Frost, J. P.	Escanaba	Meats.	2		2	
April 13	Gamble-Robinson Co.	Escanaba	Wholesale fruits.	8	2	10	
April 9	Ganstad, O.	Escanaba	Custom clothing.	1		1	
April 13	Gidlund, L. W. & Co.	Escanaba	Custom clothing.	5		5	
April 16	Greenlaw, F. V.	Escanaba	Ladies' furnishings.	1	4	5	
April 14	Gunter, Nic.	Escanaba	Meats.	3		3	
April 14	Haring, J. H.	Escanaba	Livery.	2		2	
April 9	Hewett Grain & Provision Co., The.	Escanaba	Grain and produce.	9		9	
April 17	Hirn & Gleich.	Escanaba	Baked goods.	4	3	7	
April 12	Hogan, George.	Escanaba	Plumbing.	7	1	8	
April 10	Home Electric Co.	Escanaba	Electrical supplies.	2	1	3	
April 9	Houlard, O. T.	Escanaba	Machine repairing.	1		1	
April 17	Hoyler Baking Co., The.	Escanaba	Baked goods.	9	2	11	2
April 17	Hoyler & Baur.	Escanaba	Baked goods.	6	3	9	
April 17	Jackson, John E.	Escanaba	Custom clothing.	4		4	
April 16	Johnson, Carl A.	Escanaba	Hardware.	3		3	
April 10	Johnson, C. P.	Escanaba	Custom clothing.	1		1	
April 14	Jungers, Peter.	Escanaba	Meats.	1		1	
April 11	Kahlow, John.	Escanaba	Cigars.	6		6	1
April 10	Kallin, John.	Escanaba	Custom clothing.	1		1	
April 21	Kaufman, Mrs. L. A.	Escanaba	Millinery.		3	3	
April 9	Kirstin, A. J. Co.	Escanaba	Stump pullers.	17	26	43	
April 21	Koster, Peter.	Escanaba	Meats.	2		2	
April 11	Knudson, C. E.	Escanaba	Blacksmithing.	1		1	
April 11	Lee, Sam Laundry.	Escanaba	Laundry.	3		3	
April 20	Lohmiller, Harry J.	Escanaba	Jewelry.	3		3	
April 11	Londo, J. H.	Escanaba	Blacksmithing.	2		2	
April 13	Loof, George.	Escanaba	Shoe repairing.	1		1	
April 12	Maloney, C. & Co.	Escanaba	Flour and feed.	2		2	
April 19	Michigan State Telephone Co.	Escanaba	Telephone service.	5	18	23	
April 21	Nasser, T. L.	Escanaba	Candy and ice cream.	1	1	2	
April 10	National Grocer Co.	Escanaba	Wholesale groceries.	16	2	18	
April 14	Nee, Coleman.	Escanaba	Coal and cement.	7	1	8	
April 11	North Michigan Water Co.	Escanaba	Water.	7	1	8	
April 10	Olinger, August.	Escanaba	Meats.	2	1	3	
April 9	Olson, E. G. Potash Co.	Escanaba	Potash.	3		3	
April 12	Olson, Peter.	Escanaba	Custom clothing.	6		6	
April 12	Palace, The.	Escanaba	Meats.	2	1	3	
April 11	Pepin, Marc.	Escanaba	Auto repairing.	5		5	
April 10	Peterson, John.	Escanaba	Shoe repairing.	2		2	
April 17	Postal Telegraph-Cable Co.	Escanaba	Telegraph service.	4		4	2
April 14	Puissant, C.	Escanaba	Plumbing.	3	1	4	
April 20	Raymond Gasoline Sliding Car Loader Co.	Escanaba	Log loaders.	13	1	14	

## Factory Inspection.—Continued.

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<b>DELTA CO.—Con.</b>							
April 21	Reiss, C. Coal Co., The	Escanaba	Coal	39		39	
April 14	Richer, A. D.	Escanaba	Meats	3	1	4	2
April 16	Richer's Garage	Escanaba	Auto repairing	6	1	7	
April 17	Richter Brewing Co.	Escanaba	Beer	17		17	
April 12	Scandia Co-Operative Association	Escanaba	Groceries and provisions	7	4	11	
April 10	Shapiro, H.	Escanaba	Tailoring	1	1	2	
April 9	Stegath Mfg. Co.	Escanaba	Lumber	23	1	24	
April 17	Stephenson, I. Co., Trustees	Escanaba	Lumber	4		4	
April 10	Stille, S. C.	Escanaba	Plumbing	3		3	
April 13	Swift & Co.	Escanaba	Meats	2		2	
April 10	Thompson's Bakery	Escanaba	Baked goods	6	2	8	1
April 10	Vassau—The Printer	Escanaba	Printing	2	1	3	1
April 11	West End Cycle Works	Escanaba	Bicycle repairing	2	1	3	
April 10	West End Livery	Escanaba	Livery	4		4	
April 17	Western Union Telegraph Co.	Escanaba	Telegraph service	10	2	12	7
May 2	Anderson & Holm	Gladstone	Meats	3		3	
May 4	Brown Electric & Garage Co.	Gladstone	Auto repairing	3		3	
May 2	Cloverland Milling & Supply Co.	Gladstone	Flour and feed	15		15	
May 3	Davis, C. W.	Gladstone	Lumber and coal	6	1	7	
May 4	Gladstone Auto Sales Co., Inc.	Gladstone	Auto repairing	3		3	
May 2	Gladstone Delta, The	Gladstone	Printed matter	1	1	2	
May 3	Gladstone Steam Laundry	Gladstone	Laundry	3	4	7	1
May 3	Marble Arms & Mfg. Co.	Gladstone	Sporting goods	124	6	130	1
May 3	Minneapolis, St. Paul & Sault Ste. Marie R. R. Co.	Gladstone	Passenger and freight	50		50	1
May 3	Minneapolis, St. Paul & Sault Ste. Marie R. R. Co.	Gladstone	Passenger service	73	1	74	
May 3	Northwestern Cooperaage & Lumber Co., The	Gladstone	Woodworking	325	2	327	8
May 4	Nyberg, Carl	Gladstone	Blacksmithing	2		2	
May 2	Olson & Anderson	Gladstone	Meats and groceries	4		4	1
May 2	Producer & Consumer Auxillary	Gladstone	Meats and provisions	1		1	
May 2	Reporter, The	Gladstone	Printed matter	2	2	4	
May 2	Rouman, Leo	Gladstone	Candy	1		1	
May 2	Van Rossem, Cyriel	Gladstone	Plumbing	2	1	3	
May 2	Wals, Charles A.	Gladstone	Tailoring	2		2	
May 5	Oshkosh Excelsior Mfg. Co.	Maple Ridge	Excelsior	18		18	
April 30	Bay De Noquet Co.	Nahma	Lumber	346	1	347	5
May 4	Delta Chemical Co.	Wells	Chemicals	138		138	2
May 5	Escanaba & Lake Superior R. R. Co.	Wells	Passenger service	278	1	279	1
May 5	Michigan Tanning & Extract Co.	Wells	Extracts and tanning	122		122	
May 4	Stephenson, I. Co., Trustees	Wells	Lumber	592	11	603	
May 6	Stephenson Charcoal Iron Co.	Wells	Pig iron	46		46	
<b>DICKINSON COUNTY.</b>							
Jan. 8	Anderson, Samuel	Iron Mountain	Meats and groceries	4		4	
Jan. 14	Anderson & Johnson	Iron Mountain	Meats and merchandise	6	2	8	2
Jan. 7	Arnold, Otto L.	Iron Mountain	Meats and groceries	3	1	4	
Jan. 8	Best Brothers Creamery	Iron Mountain	Dairy products	4	1	5	
Jan. 8	Bond, Ernest	Iron Mountain	Painting and decorating	3	1	4	
Jan. 8	Brauns & Van	Iron Mountain	Produce and groceries	9	2	11	
Jan. 14	Bruno, Joe	Iron Mountain	Meats and groceries	2		2	
Jan. 9	Carbis & Taylor	Iron Mountain	Meats and groceries	5		5	1
Jan. 9	City Cash Market	Iron Mountain	Meats	2		2	
Jan. 9	City Lumber Yard	Iron Mountain	Lumber	2		2	
Jan. 9	Corning & Barron	Iron Mountain	Hardware	1		1	
Jan. 7	Creus, William	Iron Mountain	Cigars	1		1	
Jan. 7	Daily Tribune Gazette, The	Iron Mountain	Printing	4	3	7	1
Jan. 14	Egitti, Paolo	Iron Mountain	Meats and groceries	1		1	
Jan. 11	Eskil's Greenhouses	Iron Mountain	Florist	2		2	



Factory Inspection.—Continued.

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DICKINSON Co.—Con.							
Jan. 14	Feira & Tondini	Iron Mountain	Meats and groceries	4		4	
Jan. 9	Firme, Theo. & Son	Iron Mountain	Plumbing	2		2	1
Jan. 14	Garland, A. E.	Iron Mountain	Hardware	2		2	
Jan. 9	Garvey, J. M.	Iron Mountain	Flour, feed and grain	2	1	3	
Jan. 10	Gensch, Gustav F.	Iron Mountain	Hardware	3		3	
Jan. 11	Gunnarson, Chas.	Iron Mountain	Furniture	2		2	1
Jan. 11	Hademan, Chas. A.	Iron Mountain	Pianos, etc.	1	1	2	
Jan. 14	Hager Brothers.	Iron Mountain	Blacksmithing	2		2	
Jan. 9	Hallberg & Osterberg	Iron Mountain	Baked goods	5		5	
Jan. 14	Henze-Tollen Brewing Co.	Iron Mountain	Beer, etc.	11		11	
Jan. 7	Holfeltz, J. R. Co.	Iron Mountain	Lime, cement, etc.	2	1	3	
Jan. 11	Holfeltz & Smith Ice Co.	Iron Mountain	Ice	4		4	
Jan. 7	Home Bakery, The	Iron Mountain	Baked goods	2	1	3	
Jan. 9	Hoyle, George.	Iron Mountain	Painting	1	1	2	
Jan. 7	Hunt, E. W. & Son	Iron Mountain	Blacksmithing	3		3	
Jan. 10	Iron Mountain Electric Light & Power Co.	Iron Mountain	Light and power	3	2	5	
Jan. 9	Iron Mountain Light & Fuel Co.	Iron Mountain	Gas and fuel	5	1	6	
Jan. 8	Iron Mountain Granite & Marble Wks.	Iron Mountain	Monuments	3		3	
Jan. 7	Iron Mountain Mercantile Co.	Iron Mountain	Meats and merchandise	6	3	9	
Jan. 14	Iron Mountain Press, The	Iron Mountain	Printed matter	6	3	9	2
Jan. 8	Iron Mountain Shoe Repair Works	Iron Mountain	Shoe repairing	1		1	
Jan. 14	Johnson Bros.	Iron Mountain	Meats	2		2	
Jan. 9	Kingsford, E. G.	Iron Mountain	Auto repairing	11	1	12	
Jan. 7	Laing, H. H.	Iron Mountain	Lumber	2		2	
Jan. 10	Larson, L. J.	Iron Mountain	Meats and groceries	3		3	
Jan. 9	Lundin, Victor E.	Iron Mountain	Tailoring	2		2	
Jan. 15	McKinney Steel Co., The	Iron Mountain	Mining	251		251	
Jan. 14	Michigan State Telephone Co.	Iron Mountain	Telephone service	5	12	17	1
Jan. 9	Mitchell, W. H.	Iron Mountain	Hardware	2	1	3	
Jan. 11	Model Bakery, The	Iron Mountain	Baked goods	4	1	5	
Jan. 8	Morris & Co.	Iron Mountain	Meats	3		3	
Jan. 8	Myers Brothers	Iron Mountain	Fuel & building material	4	1	5	
Jan. 11	Nelson & Carlson	Iron Mountain	Meats and groceries	5		5	
Jan. 14	Oliver Iron Mining Co.	Iron Mountain	Iron mining	758		758	
Jan. 9	Pascoe, Joseph H.	Iron Mountain	Hardware	2		2	
Jan. 7	Paulet, John	Iron Mountain	Shoe making	1		1	
Jan. 11	Payant, J. A.	Iron Mountain	Custom tailoring	2		2	
Jan. 9	Pederson, Gust.	Iron Mountain	Shoe repairing	2		2	
Jan. 10	Peninsular Power Co.	Iron Mountain	Electricity	35	1	36	
Jan. 15	Pewabic Co.	Iron Mountain	Mining iron ore.	287		287	
Jan. 11	Reynolds, Henry M.	Iron Mountain	Blacksmithing	2		2	
Jan. 9	Riddler Garage.	Iron Mountain	Auto repairing	2	1	3	
Jan. 11	Rousselle, Z. P.	Iron Mountain	Harness	2		2	
Jan. 7	Rundle, A. J.	Iron Mountain	Hardware	4		4	
Jan. 7	St. Arnauld, A. & Son	Iron Mountain	Meats and groceries	2		2	
Jan. 10	Sanitary Laundry & Dry Cleaning Works.	Iron Mountain	Laundry	4	9	13	
Jan. 14	Scavarda Brothers	Iron Mountain	Hardware and lumber	2		2	
Jan. 7	Schettler, William	Iron Mountain	Cigars	1		1	
Jan. 10	Singer Shop	Iron Mountain	Sewing machines	1	1	2	
Jan. 11	Standard Oil Co.	Iron Mountain	Oils	5	1	6	
Jan. 10	Stolberg, C. T.	Iron Mountain	Custom clothing	4		4	
Jan. 8	Swanson Bros.	Iron Mountain	Plumbing	6	1	7	
Jan. 11	Von Platen Lumber Co.	Iron Mountain	Lumber	157		157	
Jan. 10	Western Union Telegraph Co.	Iron Mountain	Telegraph service	2	1	3	
Jan. 11	Yep Nom	Iron Mountain	Laundry	2		2	
Jan. 7	Yep Gin	Iron Mountain	Laundry	1	1	2	
Jan. 16	Anderson, John E. & Co.	Norway	Meats and groceries	7		7	
Jan. 16	Anderson Produce Co.	Norway	Coal and wood	4		4	
Jan. 16	Blatz Brewing Co.	Norway	Beer	4		4	
Jan. 17	DeRoock, A. J.	Norway	Baked goods	3	2	5	1

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
DICKINSON Co.— <i>Con.</i>							
Jan. 16	Dudy, W. F.	Norway	Hardware	2		2	
Jan. 16	Hall, Wm. H.	Norway	Plumbing	3		3	
Jan. 16	Hoheisel, John	Norway	Bakery	3	1	4	
Jan. 17	Jensen, Nels C	Norway	Shoe repairing	1		1	
Jan. 17	Johnson, P. O.	Norway	Ice cream and candy	1	1	2	
Jan. 16	Johnson, Carl	Norway	Blacksmithing	1		1	
Jan. 16	Michigan State Telephone Co.	Norway	Telephone service	1	4	5	
Jan. 16	Norway Creamery	Norway	Creamery	1		1	
Jan. 16	Norway Garage	Norway	Auto repairing	5	1	6	
Jan. 16	Norway Hardware Co.	Norway	Hardware	2		2	
Jan. 17	Norway Light & Power Co.	Norway	Light and power	5		5	
Jan. 17	O. C. Lumber Co., The	Norway	Lumber	2		2	
Jan. 16	Oliver Iron Mining Co.	Norway	Iron mining	403		403	
Jan. 16	Oberg, Olof	Norway	Shoe repairing	1		1	
Jan. 17	Paul, Joseph	Norway	Blacksmithing	2		2	
Jan. 16	Person, August	Norway	Woodworking	1		1	
Jan. 16	Ramsdell Hardware Co.	Norway	Hardware	5	1	6	
Jan. 16	Roy, H. E.	Norway	Cigars	5		5	
Jan. 16	Standard Garage	Norway	Auto repairing	1		1	
Jan. 16	Tuinstra, Robert	Norway	Ice cream and candy	1	1	2	
Jan. 16	Yep Loy	Norway	Laundry	1	1	2	
Jan. 17	Young, Miss H. L.	Norway	Millinery		1	1	
Jan. 17	Vielmetti's Cash Market	Norway	Meats and groceries	3	1	4	
Jan. 17	Wickstrom, John C	Norway	Meats and groceries	5		5	
Jan. 15	Indiana Mine	Richardsburg	Mining iron ore	33		33	
EATON COUNTY.							
June 14	Ackley, A. L.	Bellevue	Meats	2		2	
June 14	Bellevue Cider Mill Co.	Bellevue	Cider	5		5	
June 14	Bellevue Coal & Lumber Co.	Bellevue	Coal and lumber	2		2	
June 14	Bellevue Elevator Co.	Bellevue	Grain and beans	4		4	
June 14	Bellevue Garage	Bellevue	Auto repairing	2		2	
June 14	Bellevue Gazette, The	Bellevue	Printed matter	1	3	4	
June 15	Bellevue Light Co.	Bellevue	Light and power	3		3	
June 14	Bellevue Milling Co.	Bellevue	Flour	3		3	
June 14	Brown, F. A.	Bellevue	Grain and beans	3	16	19	
June 14	Burt Portland Cement Co., The	Bellevue	Cement	181		181	1
June 14	Citizens Telephone Co.	Bellevue	Telephone service	1	6	7	
June 14	Fielder, C. A.	Bellevue	Plumbing	2		2	
June 14	Gould's Garage	Bellevue	Auto repairing	2		2	
June 14	Havens, Allen	Bellevue	Hardware	3	1	4	
June 14	Hoefinger, Fred	Bellevue	Baked goods	2	2	4	1
June 14	Laughray Silo Co.	Bellevue	Silos	8		8	
June 14	Michigan State Telephone Co.	Bellevue	Telephone service	1	3	4	
June 14	Shaler Hardware Co.	Bellevue	Hardware	3		3	
June 14	Stevens, Ray E.	Bellevue	Produce	2		2	
June 14	Tog Shop, The	Bellevue	Cleaning and pressing	2		2	
June 7	American Express Co.	Charlotte	Express service	3		3	
June 8	Artificial Ice Co.	Charlotte	Ice	7		7	
June 8	Beach Manufacturing Co.	Charlotte	Machinery	30	1	31	
June 4	Belden & Co.	Charlotte	Grain and beans	3	51	54	
June 17	Carr, R. W.	Charlotte	Monuments	7		7	
June 9	Charlotte City Water Works	Charlotte	Water	4		4	
June 4	Charlotte Chair Co.	Charlotte	Chairs	39	11	50	
June 3	Charlotte Leader, The	Charlotte	Printed matter	6	2	8	1
June 8	Charlotte Manufacturing Co.	Charlotte	Tables	61	2	63	5
June 4	Charlotte Republican, The	Charlotte	Printed matter	11	1	12	
June 4	Charlotte Steam Laundry	Charlotte	Laundry	2	5	7	
June 5	Charlotte Tribune, The	Charlotte	Printed matter	9	1	10	2
June 8	Clever Construction Co.	Charlotte	General construction	9		9	
June 4	Colburn-Fulton Lumber Co.	Charlotte	Lumber and coal	7	1	8	
June 4	Consumers Power Co.	Charlotte	Electricity	5		5	

## Factory Inspection.—Continued.

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	EATON CO.—Con.						
June 8	Dry Milk Co., The.....	Charlotte.....	Powder milk.....	13		13	
June 11	Duplex Truck Co.....	Charlotte.....	Trucks.....	164	1	165	2
June 7	Eaton County Telephone Co.....	Charlotte.....	Telephone service.....	2	9	11	
June 8	Fenn Manufacturing Co.....	Charlotte.....	Handles.....	44	1	45	1
June 5	Fisher, Mrs. Ida.....	Charlotte.....	Millinery.....		2	2	
June 4	Fritz, J. A.....	Charlotte.....	Auto repairing.....	4	1	5	
June 5	Geddes, W. & Co.....	Charlotte.....	Custom tailoring.....	7	10	17	1
June 5	Goodrich, H. A.....	Charlotte.....	Dairy products.....	2		2	
June 9	Grinnell Brothers.....	Charlotte.....	Pianos, etc.....	1	1	2	
June 8	Hancock Mfg. Co.....	Charlotte.....	Brass goods.....	170	24	194	3
June 7	Harmon & Osborn.....	Charlotte.....	Shoe repairing.....	5	1	6	
June 9	Hine, C. & Co.....	Charlotte.....	Bicycle repairing.....	2		2	
June 5	Krogman, L. J.....	Charlotte.....	Plumbing.....	4	1	5	
June 5	McGill, J. A.....	Charlotte.....	Bicycle repairing.....	2		2	
June 5	MacLeod, Norman.....	Charlotte.....	Baked goods.....	2	1	3	1
June 5	Madison, Frank.....	Charlotte.....	Painting and papering.....	9		9	
June 7	Marple Bakery.....	Charlotte.....	Baked goods.....	4		4	1
June 5	Mende, Mrs. Jennie.....	Charlotte.....	Millinery.....		3	3	
June 8	Michigan State Telephone Co.....	Charlotte.....	Telephone service.....	3	11	14	
June 4	Miller & Hamilton.....	Charlotte.....	Lumber and coal.....	6		6	
June 9	Munch, O. J. Manufacturing Co.....	Charlotte.....	Air registers.....	3		3	
June 6	Munger Hardware Co.....	Charlotte.....	Hardware.....	7	1	8	
June 7	New Charlotte Gas Co.....	Charlotte.....	Gas.....	9	1	10	
June 7	Ohls, W. H.....	Charlotte.....	Electricity.....	2		2	
June 4	Packard, Orrin E.....	Charlotte.....	Grain.....	5	1	6	
June 6	Parish, Chas. W.....	Charlotte.....	Plumbing.....	3	1	4	
June 6	Pettie & Milks.....	Charlotte.....	Meats.....	3	1	4	
June 5	Porter, Bert.....	Charlotte.....	Meats.....	2		2	
June 5	Shaull, James H.....	Charlotte.....	Tire repairing.....	1		1	
June 5	Shaull, George L.....	Charlotte.....	Auto repairing.....	3	1	4	
June 6	Shaull, Warren.....	Charlotte.....	Baked goods.....	6		6	1
June 8	Shepherd, L. H. Co.....	Charlotte.....	Flour.....	5		5	
June 8	Shepherd, L. H. Co.....	Charlotte.....	Grain and beans.....	3	70	73	
June 7	Spencer, Russell S.....	Charlotte.....	Hardware.....	5	1	6	
June 4	Thompson & Phillips.....	Charlotte.....	Auto repairing.....	5	1	6	
June 5	Thynge, Mrs. Irene.....	Charlotte.....	Millinery.....		2	2	
June 7	Tubbs, Geo. H. & Co.....	Charlotte.....	Baked goods.....	4		4	
June 6	Voorhies, F. E. & Co.....	Charlotte.....	Flour and feed.....	2		2	
June 6	Western Union Telegraph Co.....	Charlotte.....	Telegraph service.....	2		2	1
June 4	Wilson, P. J.....	Charlotte.....	Auto repairing.....	3		3	
June 13	Dimond Milling Co.....	Dimondale.....	Flour.....	4		4	
June 13	Harris, E. S. & Co.....	Dimondale.....	Lumber and coal.....	3		3	
June 13	News Publishing Co.....	Dimondale.....	Printed matter.....	1		1	
June 13	Winegar & Mulhollan.....	Dimondale.....	Hardware.....	4		4	
June 11	Big Rock Knitting Co.....	Eaton Rapids.....	Knitted goods.....	8	15	23	2
June 11	Bromeling & Petit.....	Eaton Rapids.....	Hardware.....	5		5	
June 12	City Laundry.....	Eaton Rapids.....	Laundry.....	1	2	3	
June 12	Crane & Crane.....	Eaton Rapids.....	Grain and beans.....	3	17	20	
June 13	Derby Medicine Co.....	Eaton Rapids.....	Medicines.....	1	2	3	
June 12	Eaton Rapids Garage.....	Eaton Rapids.....	Auto repairing.....	4		4	
June 12	Eaton Rapids Light & Water Co.....	Eaton Rapids.....	Light and water.....	4		4	
June 11	Eaton Rapids Journal, The.....	Eaton Rapids.....	Printed matter.....	4	1	5	
June 11	Eaton Rapids Review.....	Eaton Rapids.....	Printed matter.....	4		4	
June 11	Eaton Rapids Woolen Mills.....	Eaton Rapids.....	Yarns.....	212	90	302	16
June 13	Eldred, John R.....	Eaton Rapids.....	Meats.....	2		2	
June 12	Ferguson Garage.....	Eaton Rapids.....	Auto repairing.....	3		3	
June 11	Fowler, Wilbur F.....	Eaton Rapids.....	Plumbing.....	2		2	
June 11	Gary Bros.....	Eaton Rapids.....	Meats.....	4		4	
June 12	Goodrich, H. A. Co.....	Eaton Rapids.....	Produce.....	3		3	
June 11	Hunt, C. M. & Son.....	Eaton Rapids.....	Auto repairing.....	5		5	

## Factory Inspection.—Continued.

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<b>EATON CO.—Con.</b>							
June 12	Island City Pickle Co.	Eaton Rapids	Pickles	5	1	6	
June 11	Island City Mills, The	Eaton Rapids	Flour	2		2	
June 12	Marple, A. C.	Eaton Rapids	Baked goods	3		3	
June 11	Mendell, Lillian	Eaton Rapids	Millinery		2	2	
June 11	Mix, E. F.	Eaton Rapids	Feed	3		3	
June 12	Moore, C. J.	Eaton Rapids	Implements	2		2	
June 11	New Charlotte Gas Co.	Eaton Rapids	Gas and coke	2	1	3	
June 11	Minnie & Ramsay	Eaton Rapids	Hardware	5		5	
June 12	Smith, A. M. & Co.	Eaton Rapids	Farm produce	15	2	17	
June 12	Stirling & Crawford	Eaton Rapids	Baked goods	4		4	
June 12	Strong, N. A. Estate	Eaton Rapids	Beans	2		2	
June 12	Strong, N. A. Estate	Eaton Rapids	Feed and grain	3		3	
June 11	True Mfg. Co.	Eaton Rapids	Stock racks and sleighs	5	1	6	
June 12	Webster, H. P. & Sons	Eaton Rapids	Lumber and coal	9		9	
June 11	Young, Mrs. A. P.	Eaton Rapids	Millinery		3	3	
June 19	American Sewer Pipe Co.	Grand Ledge	Sewer pipes	91		91	
June 18	Anderson, F. A. Granite Works	Grand Ledge	Monuments	3		3	
June 18	Astley, T. W.	Grand Ledge	Wood and coal	2		2	
June 18	Baker Clay Co.	Grand Ledge	Brick	50	1	51	
June 20	Baldwin & Watson	Grand Ledge	Baked goods	4		4	
June 19	Clarke Hardware Co.	Grand Ledge	Hardware	4		4	
June 18	City Iron Works	Grand Ledge	Machine repairing	4		4	
June 18	City Steam Laundry	Grand Ledge	Laundry	2	6	8	
June 19	Consumers Power Co.	Grand Ledge	Electricity	5	6	11	
June 18	Crawford Chair Co.	Grand Ledge	Chairs	81	5	86	3
June 18	Doty & Doty	Grand Ledge	Grain and beans	3	20	23	
June 19	Gillan, Mrs. Fred T.	Grand Ledge	Millinery		2	2	
June 18	Gillies & Aldrich	Grand Ledge	Flour	4		4	
June 18	Ginter, Oris	Grand Ledge	Blacksmithing	2		2	
June 19	Grand Ledge Chair Co.	Grand Ledge	Chairs	105	25	130	6
June 20	Grand Ledge Gas Co.	Grand Ledge	Gas and coke	3	1	4	
June 19	Grand Ledge Clay Products Co.	Grand Ledge	Clay products	83		83	1
June 19	Grand Ledge Independent, The	Grand Ledge	Printed matter	3	2	5	
June 18	Grand Ledge Milk Co.	Grand Ledge	Milk products	28	5	33	
June 18	Grand Ledge Paint Co.	Grand Ledge	Paint	3		3	
June 18	Holiday Lumber Co., The	Grand Ledge	Lumber	4		4	
June 19	Hollens, J. W.	Grand Ledge	Flour and feed	2		2	
June 18	Ireland, W. L. & Co.	Grand Ledge	Grain and beans	5	20	31	
June 18	Kingsley, Harry H.	Grand Ledge	Provisions	3		3	
June 19	Maier, Martin H.	Grand Ledge	Harness	2		2	
June 19	Michigan State Telephone Co.	Grand Ledge	Telephone service	2	4	6	
June 19	Rose, Bryce E.	Grand Ledge	Cigars	2	1	3	
June 19	Sanitary Bakery	Grand Ledge	Baked goods	4	1	5	
June 18	Schavey, William & Sons	Grand Ledge	Auto repairing	5	5	10	
June 18	Schavey, William & Sons	Grand Ledge	Coal and wood	5		5	
June 19	South Side Implement Co.	Grand Ledge	Implements	4		4	
June 18	Times, The	Grand Ledge	Printed matter	2	1	3	
June 19	Van Horn, Geo. H.	Grand Ledge	Meats	3	1	4	
June 19	Winnie, James	Grand Ledge	Hardware	2		2	
June 19	Wolverine Garage	Grand Ledge	Auto repairing	4		4	
June 20	Langevin, George	Mulliken	Lumber and coal	2		2	
June 20	McNaughton & Peabody	Mulliken	Grain and beans	4	10	14	
June 20	Mulliken Cooperative Creamery Co.	Mulliken	Dairy products	2		2	
June 20	Pringle, R. A.	Mulliken	Hardware	2		2	
June 15	Coplin, L.	Mulliken	Flour and feed	1		1	
June 15	Coplin, L. & Sons	Olivet	Lumber	5		5	
June 15	Goodrich, H. A. Co.	Olivet	Produce	1	1	2	
June 15	Hammond Garage	Olivet	Auto repairing	3		3	
June 15	Long, Cobb & Co.	Olivet	Lumber and coal	4		4	
June 15	Long, Cobb & Co.	Olivet	Grain and beans	4		4	

Factory Inspection.—Continued.

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<b>EATON Co.—Con.</b>							
June 15	Michigan State Telephone Co.	Olivet	Telephone service	2	2	4	1
June 15	Olivet Optic, The	Olivet	Printed matter	3	3	6	4
June 23	Fhaner Bros.	Potterville	Auto repairing	4	2	6	1
June 23	Gilbert, G. Earl	Potterville	Meats and groceries	2	2	4	1
June 23	Potterville Press, The	Potterville	Printed matter	1	1	2	1
June 23	Stockbridge Elevator Co.	Potterville	Grain and beans	2	12	14	2
June 20	Palmer, Mrs. J. H. & Son	Sunfield	Grain and beans	3	12	15	2
June 20	Sunfield Lumber Co., The	Sunfield	Lumber	2	2	4	2
June 20	Sunfield Milling Co.	Sunfield	Flour	3	3	6	3
June 20	Sunfield Sentinel, The	Sunfield	Printed matter	1	1	2	2
June 20	Triphagen, Geo. H.	Sunfield	Grain and beans	2	12	14	2
June 16	Anderson, C. A.	Vermontville	Grain	3	3	6	3
June 16	Bowman, Elo G.	Vermontville	Lumber	3	3	6	3
June 16	Chaffee, Mrs. & Son	Vermontville	Baked goods	2	2	4	4
June 16	Lackey, J. A. & Son	Vermontville	Building material	2	2	4	2
June 16	Mull, Henry	Vermontville	Meats	2	2	4	2
June 16	Vermontville Echo, The	Vermontville	Printed matter	2	2	4	2
June 16	Vermontville Garage, The	Vermontville	Auto repairing	3	3	6	3
<b>EMMET COUNTY.</b>							
May 17	Alanson Auto Co.	Alanson	Auto repairing	2	2	4	2
May 17	Alanson Boat Works	Alanson	Boats	2	2	4	2
May 17	Bickford, Norman	Alanson	Meats	1	1	2	1
May 17	Fairbairn, W. W.	Alanson	Hardware	2	2	4	2
May 17	Hinkley Hardware Co.	Alanson	Handles	37	37	74	1
May 17	McPhee, John	Alanson	Hardware and groceries	1	1	2	1
May 17	Newman, L.	Alanson	Blacksmithing	1	1	2	1
May 17	Rotter, Geo. W.	Alanson	Meats and groceries	2	1	3	3
May 17	Willyard, J. F.	Alanson	Lumber and shingles	10	10	20	10
May 11	Northern Lime Co.	Bay Shore	Lime	26	26	52	26
May 7	Calkins, O.	Bear Creek	Lumber and shingles	8	8	16	8
May 7	Coveyou Brothers	Bear Creek	Lumber	8	8	16	8
May 17	Carp Lake Manufacturing Co.	Carp Lake	Staves	29	29	58	1
May 17	Glashaw, E. D.	Carp Lake	Lumber	9	9	18	9
May 17	Vought, C. N.	Carp Lake	Lumber	4	4	8	4
May 17	Emmet Lumber Co.	Cecil	Forest products	53	1	54	54
June 22	Harbor Point Club House	Harbor Point	Laundry	3	6	9	9
May 9	Adams & Co.	Harbor Springs	Farm products	2	2	4	2
May 9	Bennicksen & Corey	Harbor Springs	Blacksmithing	2	2	4	2
May 8	Best Tailoring Co., The	Harbor Springs	Tailoring and dry cleaning	2	2	4	2
May 8	Board of Public Works	Harbor Springs	Water and light	7	7	14	7
May 10	Cadillac Handle Co., The	Harbor Springs	Forest products	70	70	140	70
May 9	Candyland, The	Harbor Springs	Confectionery	2	2	4	2
June 22	Carey Auto Co.	Harbor Springs	Auto repairing	4	4	8	4
May 9	Cornell, W. H.	Harbor Springs	Meats	4	1	5	5
May 8	Crowl Lumber Co.	Harbor Springs	Lumber	30	30	60	30
May 8	Crowl Lumber Co.	Harbor Springs	Forest products	27	27	54	27
May 9	Dewitt & Kelly	Harbor Springs	Contracting	14	14	28	14
May 10	Harbor Springs Bakery, The	Harbor Springs	Baked goods	3	1	4	4
May 9	Harbor Springs Garage	Harbor Springs	Auto repairing	3	3	6	3
May 8	Harbor Springs Lumber Co.	Harbor Springs	Forest products	32	32	64	32
May 8	Harbor Springs Lumber Co.	Harbor Springs	Lumber	45	45	90	45
May 10	Hankey Milling Co.	Harbor Springs	Flour and grain	4	1	5	5
May 8	Isham & Isham	Harbor Springs	Potash	2	2	4	2
May 9	Lambe Boat Works	Harbor Springs	Boats	2	2	4	2
May 9	Melching, A. F. & Co.	Harbor Springs	Furniture	2	2	4	2
May 8	Melching Garage & Boat Works	Harbor Springs	Auto repairing and boats	3	3	6	3
May 10	Michigan State Telephone Co.	Harbor Springs	Telephone service	1	4	5	5
May 10	Mort, Geo.	Harbor Springs	Baked goods	2	1	3	3
May 9	Ottawa Lumber Co., The	Harbor Springs	Lumber	5	5	10	5

## Factory Inspection.—Continued.

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	EMMET Co.—Con.						
May 9	Parks, Clay	Harbor Springs	Contracting	10		10	
May 8	Republican and Graphic, The	Harbor Springs	Printed matter	3		3	
May 10	Reynolds, C. E.	Harbor Springs	Harness	2		2	
May 10	Satisfaction Tailor Shop, The	Harbor Springs	Tailoring and dry cleaning	2		2	
May 8	Shay, E. & Son	Harbor Springs	Machine repairing	5		5	
May 9	Starr, J. T. & Co	Harbor Springs	Meats	3		3	
May 9	Thompson, Geo. H.	Harbor Springs	Blacksmithing	2		2	
May 9	Voorheis, Frank	Harbor Springs	Farm implements	2		2	
May 8	Walrond, Friend & Cassidy	Harbor Springs	Hardware	5		5	
April 26	Michigan Tanning & Extract Co.	Kegomic	Leather	139	5	144	
May 11	Petoskey Crushed Stone Co	Lamson	Crushed stone	32		32	
May 16	Carpenter Garage, The	Levering	Vulcanizing	2		2	
May 16	DeKruif, Wm. & Co	Levering	Hardware	2		2	
May 16	Hoar & Bennett	Levering	Meats and groceries	1	1	2	
May 16	Levering Local	Levering	Printed matter	1	1	2	
May 16	Pangborn, Carl	Levering	Blacksmithing	1		1	
May 16	Reiter, J. E.	Levering	Lumber and shingles	22		22	
May 16	Walker, W. C. & E. F.	Levering	Hardware and furniture	2	1	3	
May 16	Wilson, G. S.	Levering	General repairing	2		2	
May 16	Cheboygan Electric Light & Power Co.	Pellston	Light and power	2		2	
May 15	Jackson & Tindle	Pellston	Forest products	46		46	
May 15	Jackson & Tindle	Pellston	Handles	63		63	
May 15	Jackson & Tindle	Pellston	Lumber	142	2	144	
May 15	Jackson & Tindle	Pellston	Shingles	19		19	
May 15	Jackson & Tindle	Pellston	Staves	11		11	
May 16	Michigan State Telephone Co	Pellston	Telephone service	1	2	3	
May 16	Murray, W. P.	Pellston	Harness	2		2	
May 16	Obloj, Tom	Pellston	Meats and groceries	1	1	2	
May 16	Pellston Garage	Pellston	Auto repairing	1		1	
May 16	Pellston Journal, The	Pellston	Printed matter	1	1	2	
May 16	Pellston Wagon Works	Pellston	Repairing	2		2	
May 15	Schwartz & Tortellet	Pellston	Potash	3		3	
April 28	Amstutz, John M.	Petoskey	Meats and groceries	3	4	7	1
April 26	Antrim Lime Co	Petoskey	Lime	26		26	
April 14	Bird Printing Co	Petoskey	Printing	3		3	
April 10	Blackmer Rotary Pump Co	Petoskey	Rotary pumps	38	4	42	
April 14	Boelio, C. L.	Petoskey	Coal and wood	3	1	4	
April 28	Boyington, Chas. & Co.	Petoskey	Cigars	2		2	
April 19	Bremmeyr-Bain Co	Petoskey	Hardware	11	1	12	
April 21	Bump & McCabe	Petoskey	Hardware	9	1	10	
April 12	Burnett Foundry & Machine Works	Petoskey	Castings	3		3	
April 18	Churchill Printing Co., The	Petoskey	Printed matter	10	2	12	
May 4	Colonial Laundry, The	Petoskey	Laundry	2	3	5	
May 4	Cook, Alton G.	Petoskey	Printing	2		2	
April 19	Cook Electric Co	Petoskey	Electrical supplies	3		3	
April 23	Cooper, Sam L.	Petoskey	Merchant tailoring	1		1	
April 25	Darling, Lou S. Seed Co	Petoskey	Seeds.	7	7	14	
May 7	DeArment, C. A.	Petoskey	Brick	6		6	
April 26	Doherty Co	Petoskey	Meats	2		2	
April 18	Economy Meat Market	Petoskey	Meats	2		2	1
May 5	Fay, Mrs. Leda	Petoskey	Dressmaking		2	2	
April 12	Feldman, J. & Sons	Petoskey	Hides, pelts, etc	7		7	
May 4	Friend, John E.	Petoskey	Cigars and candy	3		3	
April 17	Gix, Otto	Petoskey	Custom clothing	1	2	3	
May 3	Golden, Roy	Petoskey	Auto repairing	4		4	
April 19	Graham & Linsell	Petoskey	Plumbing	5	1	6	
April 10	Grand Rapids & Indiana Railway Co	Petoskey	Engine repairing	5		5	
May 4	Gruher, Frank & Sons	Petoskey	Farm products	3		3	
April 14	Hankey Milling Co	Petoskey	Flour	6		6	
April 12	Hamill, Herbert	Petoskey	Meats	4		4	1

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>EMMET Co.—Con.</b>							
April 19	Home Meat Market.	Petoskey	Meats	2	1	3	
April 30	Hotel Perry, The.	Petoskey	Laundry	1	4	5	
May 5	Iden, H. D.	Petoskey	Meats and groceries	2	1	3	
May 4	Irrmann, John M.	Petoskey	Cigars	2	2	2	
May 15	Jackson & Tindle.	Petoskey	Machine repairing	3		3	
April 19	Karamol, John	Petoskey	Cigars	2	1	3	
May 7	Keel, Mrs. G. C.	Petoskey	Needlecraft		4	4	
April 12	Kleber, John	Petoskey	Blacksmithing	2		2	
April 10	Klise, A. B. Lumber Co.	Petoskey	Lumber and fuel	6		6	
May 4	Little Will.	Petoskey	Jewelry	5		5	
April 24	Hobbins, Mabel McArthur.	Petoskey	Millinery		4	4	
May 4	McCarthy, Elizabeth	Petoskey	Millinery		3	3	
April 25	McDermott, W. R.	Petoskey	Blacksmithing	2		2	
April 9	McManus, W. L. Lumber Co.	Petoskey	Lumber	32	1	33	
May 1	Martin, E. Sherwood.	Petoskey	Ice cream and butter	5	1	6	1
April 23	Michigan Boat Works, The	Petoskey	Boats	2		2	
April 10	Michigan Maple Block Co.	Petoskey	Butcher blocks	38	1	39	
April 23	Michigan State Telephone Co.	Petoskey	Telephone service	15	20	35	1
April 24	Millie, Miss	Petoskey	Millinery		2	2	
April 21	Model Confectionery	Petoskey	Confectionery	2	1	3	1
May 5	New Era Fluff Rug Mfg. Co.	Petoskey	Rugs	2		2	
May 4	Newton, S. C.	Petoskey	Jeweler	1		1	
April 21	Northern Auto Co.	Petoskey	Auto repairing	15	3	18	
April 19	Northern Hardware Co.	Petoskey	Hardware	6		6	
April 13	Northern Lime Co.	Petoskey	Stone and lime	42	1	43	
April 18	Oldham, James	Petoskey	Harness	2		2	
April 24	Osborne, D. C.	Petoskey	Seeds	5		5	
April 19	Overholt, L. N. & Co.	Petoskey	Baked goods	8		8	
April 21	Pere Marquette Railroad Co.	Petoskey	Car repairing	0		0	
May 1	Pearson, Z. H.	Petoskey	Tailoring	1	1	2	
April 11	Petoskey & Bay Shore Gas Co.	Petoskey	Gas	7	1	8	
April 23	Petoskey Boat Co.	Petoskey	Boats	2		2	
April 30	Petoskey Candy Kitchen, The	Petoskey	Confectionery	3		3	
April 30	Petoskey Cigar Co., The	Petoskey	Cigars and tobacco	4		4	
April 11	Petoskey City Light Plant	Petoskey	Power and light	10		10	
April 11	Petoskey City Water Department	Petoskey	Water	4		4	
April 11	Petoskey Crystal Ice Co.	Petoskey	Ice	6	1	7	
May 4	Petoskey Dry Gleaning & Dyeing Co.	Petoskey	Dry cleaning	2		2	
April 12	Petoskey Grocery Co., The	Petoskey	Wholesale groceries	13	2	15	
April 2	Petoskey Housefurnishing Co., Inc.	Petoskey	Furniture	5	2	7	
April 12	Petoskey Iron Works	Petoskey	Machine repairing	3		3	
April 23	Petoskey Rug Mfg. Co.	Petoskey	Rugs	2		2	
April 30	Petoskey Steam Laundry Co., The	Petoskey	Laundry	4	5	9	
May 7	Pie Shop, The	Petoskey	Baked goods	2	5	7	
April 25	Royal Cigar Co.	Petoskey	Cigars	3		3	1
April 18	Scattergood Bros.	Petoskey	Upholstering	5	1	6	
April 28	Schebrat & Son.	Petoskey	Custom clothing	3	2	5	
April 23	Smith, C. E.	Petoskey	Auto repairing	4	1	5	
April 25	Smith & Lake	Petoskey	Meats and groceries	5		5	
April 10	Standard Oil Co.	Petoskey	Oil products	3	1	4	
April 10	Straater, H.	Petoskey	Potash	2		2	
May 4	Tracy, Clara	Petoskey	Dressmaking		1	1	
April 23	VanHeulen, Miss	Petoskey	Millinery		4	4	
April 26	West Side Garage	Petoskey	Auto repairing	3		3	
April 9	Wheat Paper Co.	Petoskey	Paper	97	1	98	
April 24	Winne, S. M.	Petoskey	Coal	3		3	
May 5	Zipp, George T.	Petoskey	Lumber	3		3	
May 7	Pfeifer & Burch	Wabmeme	Lumber and shingles	21	1	25	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 10 years of age.
GENESEE COUNTY.							
Nov. 27	Stiles, D. R.	Argentine.	Flour and grain.	4		4	
Nov. 30	Detroit United Lines	Atlas	Power	3		3	
Nov. 30	Hastings, W. A. & Son	Atlas	Flour and feed	3		3	
Dec. 1	Brent Creek Elevator Co.	Brent Creek	Beans, grain and coal	3		3	
Nov. 28	Clio Messenger, The	Clio	Printed matter	2	1	3	
Nov. 28	Detroit Creamery Co.	Clio	Condensed milk	25	1	26	
Nov. 28	Houghton, F. M. & Co.	Clio	Produce	10	1	11	
Nov. 28	Gillett Manufacturing Co.	Clio	Furniture	9		9	
Nov. 28	McCrary & Miller	Clio	Auto repairing	4		4	
Nov. 28	Mann, Mrs. N. W.	Clio	Millinery		3	3	
Nov. 28	May Lumber Co.	Clio	Lumber	2		2	
Nov. 28	Peterson, Ole	Clio	Meats	2		2	
Nov. 28	Scholl, Leonard J. & Charles E.	Clio	Brick	16		16	
Nov. 28	Sturdivant, Fred	Clio	Meats	1		1	
Nov. 28	Burroughs-Wolohan Elevator Co.	Davison	Produce	5	20	25	
Nov. 28	Davison Lighting Commission	Davison	Electricity	1		1	
Nov. 28	Davison Telephone Co.	Davison	Telephone service	1	3	4	
Nov. 28	Ford Service Station	Davison	Auto repairing	3		3	
Nov. 28	Forsyth, A. B. & Co.	Davison	Meats	2		2	
Nov. 28	Freeman Dairy Co.	Davison	Dairy products	2		2	
Nov. 28	McBratney, S. J. & Son	Davison	Hardware	1		1	
Nov. 28	Menro, John	Davison	Blacksmithing	2		2	
Nov. 28	Willett, R. C. & Co.	Davison	Baked goods	1	1	2	
Nov. 27	Aetna Portland Cement Co.	Fenton	Cement	113		113	
Nov. 27	Beal, John	Fenton	Harness	1		1	
Nov. 26	Faulkner, Mrs. Ida	Fenton	Millinery		2	2	
Nov. 26	Fenton Courier, The	Fenton	Printed matter	3	2	5	
Nov. 26	Fenton Elevator Co.	Fenton	Grain and beans	5	13	18	
Nov. 27	Fenton Granite Works	Fenton	Monuments	2		2	
Nov. 26	Fenton Independent, The	Fenton	Printed matter	2	1	3	
Nov. 26	Fenton Machine Tool & Die Co., Inc.	Fenton	Tools and dies	19	1	20	
Nov. 26	Fenton Mills	Fenton	Flour, feed and coal	9	1	10	
Nov. 26	Fenton Steam Laundry, The	Fenton	Laundry	1	2	3	
Nov. 26	Fenton Taxi Co.	Fenton	Auto service	4		4	
Nov. 26	Fenton Water Works	Fenton	Water	2		2	
Nov. 27	French, Arthur	Fenton	Blacksmithing	2		2	
Nov. 26	Galloway, F. A.	Fenton	Plumbing	3		3	
Nov. 26	Grand Ledge Milk Co.	Fenton	Dairy products	9	1	10	
Nov. 26	Granger & McGuire	Fenton	Hardware	3	1	4	
Nov. 26	Green & Judson	Fenton	Auto repairing	8	1	9	
Nov. 26	Groom, Geo. F.	Fenton	Meats	3		3	
Nov. 26	Horrell, F. J.	Fenton	Hardware	2		2	
Nov. 27	Imperial Marble & Granite Works	Fenton	Monuments	2		2	
Nov. 26	Johnson, Willard L.	Fenton	Electrical supplies	3		3	
Nov. 26	Judson Michigan Bean Co.	Fenton	Grain, etc	9		9	
Nov. 26	Lusk & Son	Fenton	Baked goods		1	1	
Nov. 27	Michigan State Telephone Co.	Fenton	Telephone service	1	5	6	
Nov. 27	New Egyptian Portland Cement Co.	Fenton	Cement	125		125	
Nov. 26	O'Brien, S. R.	Fenton	Lumber and coal	2		2	
Nov. 26	Peoples Meat Market, The	Fenton	Meats	3	1	4	
Nov. 27	Phillips, Chas. H.	Fenton	Shoe repairing	1		1	
Nov. 26	Rollins, B. R.	Fenton	Baked goods	5		5	
Nov. 26	Union Telephone Co., The	Fenton	Telephone service		6	6	1
Nov. 26	Walker Manufacturing Co.	Fenton	Castings	13		13	
Nov. 26	Watson, W. W.	Fenton	Custom clothing	2	1	3	
Nov. 27	Zoll Bros	Fenton	Blacksmithing	3		3	
Dec. 18	Adams Express Co.	Flint	Express service	22	1	23	
Dec. 20	Aleman, Edward	Flint	Shoe repairing	4		4	
Dec. 13	Armstrong, J. B. Mfg. Co.	Flint	Auto springs	173	2	175	
Dec. 3	Auto Supply & Electric Service Station	Flint	Auto supplies	4		4	



Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>GENESEE Co.—Con.</b>							
Dec. 20	Bachman, H. & Son	Flint	Furniture repairing	3		3	
Dec. 7	Barney, M. C. & Son	Flint	Monuments	8	1	9	
Dec. 7	Basley Market	Flint	Meats	7	1	8	
Dec. 15	Benedict Millinery	Flint	Millinery	1	2	3	
Dec. 24	Blazer, Miss Mae	Flint	Millinery		3	3	
Dec. 10	Bon Ton Meat Market	Flint	Meats	12	1	13	
Dec. 10	Brandt, C. E. & Co.	Flint	Paper	4	2	6	
Dec. 20	Brown & Bartlett	Flint	Cigars	2	3	5	
Dec. 13	Buick Motor Co.	Flint	Automobiles	10745	855	11600	40
Dec. 19	Burroughs, J. P. & Son	Flint	Grain and feed	24	74	98	
Dec. 20	Candyland, The	Flint	Confectionery	8	1	9	
Dec. 6	Cassels, Jas.	Flint	Blacksmithing	3		3	
Dec. 11	Cataman Coal Co.	Flint	Coal	16	2	18	
Dec. 11	Champion Ignition Co.	Flint	Spark plugs	272	291	563	2
Dec. 13	Chevrolet Motor Co.	Flint	Automobiles	1,595	61	1,656	3
Dec. 13	Chevrolet Motor Co.	Flint	Motors and axles	3,053	20	3,073	6
Dec. 20	Chevrolet Motor Co.	Flint	Sales and service	9	1	10	
Dec. 7	Childs-Bliss Auto Co.	Flint	Auto repairing	6	1	7	
Dec. 15	Christie Shop	Flint	Millinery	1	7	8	
Dec. 6	Church, J. W.	Flint	Plumbing	8	1	9	
Dec. 4	City Cycle & Repair Co.	Flint	General repairing	2		2	
Dec. 22	Coggins, Geo. M.	Flint	Meats and groceries	3		3	
Dec. 10	Cole & Cole	Flint	Tailoring	5	1	6	
Dec. 11	Consumers Power Co.	Flint	Power	33		33	
Dec. 22	Consumers Power Co.	Flint	Electricity	24	5	29	
Dec. 18	Cook Car Journal Cooler Co.	Flint	Car journal coolers	3		3	
Dec. 12	Copeman Electric Stove Co.	Flint	Electrical apparatus	80	44	124	1
Dec. 10	Cornwell Co., The	Flint	Wholesale meats	15	2	17	1
Dec. 15	Cotharin, G. V.	Flint	Dyeing and cleaning	8	2	10	
Dec. 7	Cummings Brothers	Flint	Auto supplies	27	6	33	
Dec. 13	Cut Rate Meat Market	Flint	Meats	2		2	
Dec. 10	Detroit United Railway	Flint	Car repairing	3		3	
Dec. 20	Dort Motor Car Co.	Flint	Automobiles	534	57	591	4
Dec. 12	Eing Ning	Flint	Laundry	5		5	
Dec. 15	Ellis, David W.	Flint	Bicycle repairing	4		4	
Dec. 4	Ephraim, M.	Flint	Cigars	2	9	11	
Dec. 21	Flint City Water Works	Flint	Water	113	5	118	
Dec. 14	Flint Coal Co.	Flint	Coal and building supplies	37	4	41	
Dec. 12	Flint Daily Journal, The	Flint	Printed matter	67	17	84	4
Dec. 12	Flint Foundry Co.	Flint	Castings	58	8	66	
Dec. 3	Flint Labor News	Flint	Printed matter	4	2	6	1
Dec. 14	Flint Lumber Co.	Flint	Lumber	70	1	71	
Dec. 7	Flint Paint Specialty Works, The	Flint	Paints	4		4	
Dec. 6	Flint Pattern & Foundry Co.	Flint	Patterns	3	1	4	
Dec. 7	Flint Printing Co., The	Flint	Printed matter	20	9	29	2
Dec. 20	Flint Scrap Iron & Metal Co., The	Flint	Junk	16	2	18	
Dec. 11	Flint Specialty Co.	Flint	Whip sockets	5	2	7	
Dec. 12	Flint Spring Water Ice Co., The	Flint	Ice	51	1	52	
Dec. 8	Flint Storage Battery & Electric Co.	Flint	Storage batteries	8	1	9	
Dec. 6	Flint Tent & Awning Co.	Flint	Awnings and auto tops	4	4	8	
Dec. 15	Flint Upholstering Co.	Flint	Upholstering	3		3	
Dec. 12	Flint Varnish & Color Works	Flint	Paints and varnish	144	19	163	3
Dec. 7	Flint Vulcanising Works	Flint	Tire repairing	4	1	5	
Dec. 21	Flushing Farmers Elevator Co.	Flint	Hay, grain, etc	4	22	26	
Dec. 8	Ford Sales Co.	Flint	Sales and service	22	4	26	
Dec. 14	Freeman Dairy Co.	Flint	Dairy products	105	5	110	
Dec. 10	Garner's Bakery	Flint	Baked goods	9	2	11	
Dec. 12	Genesee Bottling Works	Flint	Soft drinks	11		11	
July 2	Genesee Iron Works	Flint	Castings	28	1	29	1
Dec. 6	Genesee Manufacturing Co.	Flint	Auto tops, etc	7	8	15	1

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
GENESEE Co.—Con.							
Dec. 10	Gillies, F. A.	Flint	Tailoring	1		1	
Dec. 6	Gordon's American Laundry	Flint	Laundry	11	43	54	
Dec. 12	Greissell Bread Co., The	Flint	Baked goods	39	7	46	
Dec. 5	Hardy Baking Co.	Flint	Baked goods	28	1	29	2
Dec. 10	Hayes, W. V.	Flint	Blacksmithing	2		2	
Dec. 14	Hearsch-Wesson Manufacturing Co.	Flint	Woodworking	28	1	29	24
Dec. 5	Henderson Plumbing Co.	Flint	Plumbing	10	1	11	
Dec. 6	Henderson, Thos. J., Jr.	Flint	Heating	7	1	8	
Dec. 10	Home Laundry	Flint	Laundry	14	52	66	
Dec. 6	Hossie, Fred	Flint	Sheet metal	4	1	5	
Dec. 10	Hurd Auto Sales Co.	Flint	Auto repairing	9	1	10	
Dec. 11	Imperial Wheel Co.	Flint	Auto wheels	197	2	199	3
Dec. 4	Iroquois Co., The	Flint	Cigars	15	42	57	
Dec. 19	Jellis, J. & Co.	Flint	Flour and feed	14	3	17	
Dec. 22	Jenson, B. F.	Flint	Blacksmithing	2		2	
Dec. 4	Jones, Glenn W.	Flint	Cigars	3	3	6	
Dec. 15	Kellerman, A. R.	Flint	Upholstering	3		3	
Dec. 10	Koegel, A. & Co.	Flint	Meats	4	1	5	
Dec. 20	Lande's Iron & Metal Co.	Flint	Junk	7	1	8	
Dec. 12	Leeds Tailors	Flint	Tailoring	4		4	
Dec. 6	Lints, C. H. Co.	Flint	Auto repairing	10	2	12	
Dec. 21	Lorraine Candy Co., The	Flint	Confectionery	6	1	7	
Dec. 21	Love, Earl D. Co.	Flint	Lumber	2		2	
Dec. 10	Lunt & Davison	Flint	Auto repairing	5	2	7	
Dec. 11	McPhee, W. H.	Flint	Tailoring	3	2	5	
Dec. 7	Main Market, The	Flint	Meats	9	1	10	
Dec. 6	Marble Brothers	Flint	Electrical supplies	5	1	6	
Dec. 12	Marshall Auto Co.	Flint	Auto repairing	7	1	8	
Dec. 20	Marvel Carburetor Co.	Flint	Carburetors	172	125	297	3
Dec. 5	Maynard, Ernest E.	Flint	Cigars	7	3	10	
Dec. 14	Michigan Coal Co.	Flint	Coal and wood	4	2	6	
Dec. 22	Michigan Light Co.	Flint	Gas	97	22	119	
Dec. 18	Michigan Lumber & Fuel Co.	Flint	Lumber and fuel	12		12	
Dec. 13	Michigan Motor Castings Co.	Flint	Castings	1,099	78	1,177	10
Dec. 13	Michigan State Telephone Co.	Flint	Telephone service	26	150	176	
Dec. 7	Miller, John	Flint	Plumbing	3	1	4	
Dec. 10	Model Bakery	Flint	Baked goods	5	2	7	1
Dec. 10	Model Bakery	Flint	Baked goods	2	5	7	
Dec. 18	M. & S. Electric Co.	Flint	Electrical supplies	11	1	12	1
Dec. 15	National Express Co.	Flint	Common carrier	37	7	44	
Dec. 20	National Iron & Metal Co.	Flint	Junk	6	1	7	
Dec. 6	Newitt, Herbert H.	Flint	Plumbing	10	1	11	
Dec. 6	Nickle, Samuel	Flint	General repairing	5		5	
Dec. 19	Nottingham, W. F.	Flint	Baked goods	6	1	7	
Dec. 20	Paris Candy Co., The	Flint	Candy and ice cream	8	1	9	
Dec. 12	Park Garage, The	Flint	Auto repairing	4		4	
Dec. 18	Paterson Auto Sales Co.	Flint	Auto repairing	5	1	6	
Dec. 19	Paterson, W. A. Co.	Flint	Automobiles	54	8	62	
Dec. 4	Patterson Press, The	Flint	Printing	4	1	5	
Dec. 12	Peer, Charles G.	Flint	Coal	6		6	
Dec. 8	Peninsular Flour Mills	Flint	Flour and grain	15	2	17	
Dec. 12	Peoples Cash Meat Market	Flint	Meat	4	1	5	
Dec. 11	Pere Marquette Railroad Co.	Flint	Railroading	53	9	62	1
Dec. 11	Pollock Truck & Transfer Co.	Flint	Transfer	13	1	14	
Dec. 10	Powers' Flint Ice Cream Co.	Flint	Ice cream	6	2	8	
Dec. 4	Princess Manufacturing Co., The	Flint	Ladies' garments	3	2	5	
Dec. 6	Raab, John J.	Flint	Printing	2		2	
Dec. 20	Randall Lumber & Coal Co.	Flint	Lumber and coal	41	2	43	
Dec. 18	Rippe, C. Co.	Flint	Cigars	4	1	5	
Dec. 10	Roe, H.	Flint	Paper	22	1	23	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
GENESEE Co.—Con.							
Dec. 3	St. Clair, C. H. & Son	Flint	Meats	4	1	5	
Dec. 6	Seeley's Dyeing & Cleaning Works	Flint	Dyeing and cleaning	6	5	11	
Dec. 4	Shank-Coupland-Long Co.	Flint	Plumbing and tinning	27	1	28	
Dec. 6	Silla, J. E. Electric Co.	Flint	Electrical supplies	39	1	40	
Dec. 18	Singer Sewing Machine Co.	Flint	Sewing machines	8	2	10	
Dec. 4	Smith Printing Co.	Flint	Job printing	9		9	1
Dec. 5	Snook-Jackson Co.	Flint	Job printing	6	1	7	
Dec. 15	Soulby Tire Co.	Flint	Tire repairing	4		4	
Dec. 12	Standard Electro Plating Works	Flint	Nickel plating	12		12	2
Dec. 14	Standard Oil Co.	Flint	Oil	20	1	21	
Dec. 4	Sternor, Edwin Co.	Flint	Plumbing	48	2	50	
Dec. 20	Stevenson, T. H.	Flint	Meats	3		3	
Dec. 18	Stewart, Wm. E.	Flint	Woodworking	10	8	18	
Dec. 12	Stewart, W. F. Co.	Flint	Auto bodies	821	8	829	6
Dec. 12	Streat, Frank R. & Son.	Flint	Cigars	4	3	7	
Dec. 20	Sugar Bowl, The	Flint	Confectionery	8	2	10	
Dec. 15	Svensgaard, Harry Sales Corporation.	Flint	Motorecycle repairing	3		3	
Dec. 10	Symons-Moffett Co.	Flint	Wholesale groceries	21	8	29	
Dec. 8	Taeckens, Louis	Flint	General repairing	6		6	
Dec. 10	Talcott Ice Cream Co.	Flint	Ice cream	3	1	4	
Dec. 10	Teachout Bros.	Flint	Dry cleaning	15	3	18	1
Dec. 24	Terbush, W. D.	Flint	Harness	3		3	
Dec. 6	Tracy Bros.	Flint	Candy	5	2	7	
Dec. 20	Trojan Laundry Co.	Flint	Laundry	28	64	92	1
Dec. 15	Up-To-Date Tailoring Co.	Flint	Tailoring	3		3	1
Dec. 12	Valley Printing Co.	Flint	Job printing	5	1	6	1
Dec. 6	Vehicle City Broom Factory	Flint	Brooms	1	2	3	
Dec. 14	Veit & Davison Lumber Co.	Flint	Lumber and coal	30	2	32	
Dec. 12	Veit & Perry	Flint	Leather, hides, etc	5	1	6	
Dec. 12	Walker-Weiss Axle Co.	Flint	Auto axles and hubs	308	10	318	5
Dec. 15	Waaher, C. M.	Flint	Tailoring	4		4	
Dec. 8	Watson, Harry W. Co.	Flint	Cigars	12	4	16	
Dec. 11	Weller & Austin	Flint	Job printing	3		3	
Dec. 12	Western Union Telegraph Co.	Flint	Telegraph service	20	10	30	12
Dec. 13	Weston-Mott Co.	Flint	Auto parts	2,194	50	2,244	8
Dec. 8	White Market, The	Flint	Meats	4	1	5	
Dec. 7	Wolverine Citizen, The	Flint	Printed matter	1	4	5	
Dec. 10	Wright's Tire Shop	Flint	Tire repairing	5	1	6	
Dec. 21	Backofen's Laundry	Flushing	Laundry	1	1	2	
Dec. 21	Cuddeback, J. C. Auto Co.	Flushing	Auto repairing	3		3	
Dec. 21	Flushing Observer, The	Flushing	Printed matter	2	1	3	
Dec. 21	French, James B.	Flushing	Hardware	4	1	5	
Dec. 21	Hart Milling & Power Co.	Flushing	Flour and power	4		4	
Dec. 21	Home Bakery, The	Flushing	Baked goods	2	1	3	
Dec. 21	Larkin, Roy H. & Co.	Flushing	Auto repairing	2		2	
Dec. 21	Letts, Ed.	Flushing	Meats	2		2	
Dec. 21	McQueen's Market	Flushing	Meats	2		2	
Dec. 21	Michigan State Telephone Co.	Flushing	Telephone service	3	3	5	
Dec. 21	Miller, H. D. Garage	Flushing	Auto repairing	3	1	4	
Dec. 23	Cozadd, W. B.	Gaines	Hardware	3		3	
Dec. 22	Fiedman, Fred	Gaines	Meats	1		1	
Dec. 22	Judson Brothers	Gaines	Produce	2		2	
Nov. 30	Jerome, M. A.	Goodrich	Flour and feed	2		2	
Nov. 30	Yerkey & Putnam	Goodrich	Auto repairing	4		4	
Dec. 22	Grand Blanc Cooperative Co., The	Grand Blanc	Grain, hay, etc	6	2	8	
Dec. 22	Grand Blanc Garage	Grand Blanc	Auto repairing	2		2	
Dec. 22	State Creamery Co., The	Grand Blanc	Dairy products	3		3	
Nov. 27	Felch Bakery	Linden	Baked goods	1	2	3	
Nov. 27	Linden Cooperative Creamery	Linden	Dairy products	2	1	3	
Nov. 27	Linden Elevator, The	Linden	Produce	2		2	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>GENESEE Co.—Con.</b>							
Nov. 27	Hastings Garage	Linden	Auto repairing	4		4	
Nov. 27	Linden Milling Co.	Linden	Flour	3		3	
Nov. 27	Stiles, E. B.	Linden	Produce	4		4	
Dec. 1	Montrose Elevator Co.	Montrose	Grain and beans	2	1	3	
Dec. 1	Montrose Home Creamery	Montrose	Dairy products	2		2	
Dec. 1	Montrose Record, The	Montrose	Printed matter	2	1	3	
Dec. 1	Montrose Telephone Co.	Montrose	Telephone service	4	1	5	2
Dec. 1	Shoup, M. M. & Son	Montrose	Auto repairing	3		3	
Dec. 1	Zacharias, S. F. Hardware Co.	Montrose	Hardware	2		2	
Nov. 30	Beckwith & Sanderson	Mt. Morris	Auto repairing	3		3	
Nov. 30	Mt. Morris Cooperative Elevator Co.	Mt. Morris	Beans and grain	4		4	
Nov. 28	Burroughs, J. P. & Son	Otisville	Grain and beans	3	10	13	
Nov. 28	Ford Garage	Otisville	Auto repairing	2		2	
Nov. 28	Gillson, F. & E.	Otisville	Meats	2		2	
Nov. 28	Otisville Grist Mill	Otisville	Feed	2		2	
Nov. 28	Parker Hardware Co.	Otisville	Hardware	6		6	
Nov. 28	Spring Brook Dairy Co.	Otisville	Dairy products	3		3	
Dec. 22	Chase, David	Swarts Creek	Meats	2		2	
Dec. 22	Richardson, W. H.	Swarts Creek	Auto repairing	3		3	
Dec. 22	Swarts Creek Grain Co.	Swarts Creek	Produce and lumber	4	13	17	
Dec. 22	Thompson & Bristol	Swarts Creek	Hardware	3		3	
<b>GLADWIN COUNTY.</b>							
Oct. 8	Beaverton Creamery Co.	Beaverton	Butter	3		3	
Oct. 8	Beaverton Elevator Co., The	Beaverton	Grain and beans	6		6	
Oct. 8	Beaverton Light & Power Co.	Beaverton	Light and power	2		2	
Oct. 8	Beaverton Telephone Co.	Beaverton	Telephone service	2	4	6	
Oct. 8	Collet, Herman	Beaverton	Blacksmithing	2		2	
Oct. 8	Farmers & Builders Supply Co.	Beaverton	Lumber and cement	2		2	
Oct. 8	Wickham & Nash	Beaverton	Automobiles	5		5	
Oct. 8	Flynn & Neely	Gladwin	Grain and beans	5		5	
Oct. 3	Fries, Charles	Gladwin	Blacksmithing	2		2	
Oct. 4	Gladwin Butter Co.	Gladwin	Butter	4		4	
Oct. 3	Gladwin City Water Works	Gladwin	Water	1		1	
Oct. 3	Gladwin County Record, The	Gladwin	Printed matter	4	1	5	
Oct. 9	Gladwin Flouring Mills	Gladwin	Flour and feed	2		2	1
Oct. 9	Hanna, Frank P.	Gladwin	Dry cleaning	1		1	
Oct. 9	Hefkra, Andrew	Gladwin	Shoe repairing	1		1	
Oct. 3	Laycock, A. & Sons	Gladwin	Harness	4		4	
Oct. 4	Libby, McNeill & Libby	Gladwin	Pickles	1		1	
Oct. 8	McGeorge, E. A. & Son	Gladwin	Grain and beans	6	2	8	
Oct. 8	McNees, Miss Minnie	Gladwin	Millinery	2	2	4	
Oct. 3	Mitchell, William	Gladwin	Blacksmithing	2		2	
Oct. 3	Morris, M. Robert	Gladwin	Automobiles	5		5	
Oct. 9	Schultz, J. & Son	Gladwin	Electricity	1		1	
Oct. 9	Shaw, W. M.	Gladwin	Auto repairing	2		2	
Oct. 4	Smith, W. E.	Gladwin	Machine repairing	5		5	
Oct. 3	Tower Creamery Co.	Gladwin	Dairy products	1		1	
Oct. 3	Vanest, J. B. & Son	Gladwin	Lumber	3		3	
Oct. 9	Aspell, Edward	Rhodes	Blacksmithing	1		1	
Oct. 9	Gladwin Dairy & Produce Co.	Wagerville	Butter	4	1	5	
Oct. 9	Jaineac, A. N.	Wagerville	Blacksmithing	1		1	
<b>GOGEIC COUNTY.</b>							
Dec. 7	Babicky, Chas. & Son	Bessemer	Meats and groceries	3	2	5	
Dec. 13	Bessemer Bakery, The	Bessemer	Baked goods	6	3	9	
Dec. 13	Bessemer Candy Kitchen	Bessemer	Ice cream and candy	1	2	3	
Dec. 7	Bessemer Creamery Co.	Bessemer	Dairy products	1		1	
Dec. 13	Bessemer Electric Co.	Bessemer	Electrical supplies	4	1	5	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	GOGEBIC Co.—Con.						
Dec. 7	Bessemer Lumber Co.	Bessemer	Lumber	5		5	
Dec. 13	City Harness Shop	Bessemer	Harness	1		1	
Dec. 14	Corgiate, Peter	Bessemer	Shoe repairing	1		1	
Dec. 13	Cyehoz, John P.	Bessemer	Tailoring	5		5	
Dec. 7	Filippini, Angelo R.	Bessemer	Shoe repairing	1		1	
Dec. 14	Frick, John J.	Bessemer	Furniture	2	1	3	
Dec. 14	Gaudette, Mrs. Urquhart	Bessemer	Millinery		2	2	
Dec. 14	Graham & Pecard	Bessemer	Auto repairing	7	1	8	
Dec. 13	Hensan, C. Lumber Co.	Bessemer	Lumber and coal	8		8	
Dec. 7	Hauly, Yep.	Bessemer	Laundry	1	2	3	
Dec. 14	Heotes, John	Bessemer	Tailoring	1	1	2	
Dec. 7	Herald Publishing Co., The	Bessemer	Printing	2	1	3	
Dec. 13	Ironwood & Bessemer Railway & Light Co.	Bessemer	Light and power	5	1	6	
Dec. 13	Lintelmann, A.	Bessemer	Meats and provisions	6	4	10	1
Dec. 14	Mattrella, James	Bessemer	Tailoring and cleaning	1		1	
Dec. 14	Moroni & Moncher	Bessemer	Meats and produce	5	1	6	
Dec. 14	Otto, Fred	Bessemer	Blacksmithing	4		4	
Dec. 14	Pricco, Geo.	Bessemer	Custom tailoring	1		1	
Dec. 7	Quinnsee Iron Mining Co., The	Bessemer	Mining iron ore	859		859	
Dec. 13	Rund, Chas	Bessemer	Meats and provisions	6		6	
Dec. 13	Selin, H.	Bessemer	Furniture and hardware	3		3	
Dec. 14	Shanahan, J. W.	Bessemer	Printing	1		1	
Dec. 13	Swanson & Carlson Co., The	Bessemer	Meats and groceries	5	2	7	
Dec. 7	Waters, Wm. & Co.	Bessemer	Meats and groceries	5	2	7	
Nov. 30	American Express Co.	Ironwood	Express service	3		3	
Dec. 4	Anderson & Oksa	Ironwood	Furniture	2	1	3	
Nov. 30	Armour & Co.	Ironwood	Meats	9		9	
Dec. 5	Ashland Mine	Ironwood	Iron ore	95		95	
Nov. 30	Beitzen, Julius Electric Co., The	Ironwood	Electrical supplies	4	1	5	
Nov. 30	Blasing, H. A. Marble Works	Ironwood	Monuments	1		1	
Nov. 27	Blatz, Val Brewing Co.	Ironwood	Beer	5		5	
Dec. 3	Brenzel, C. C.	Ironwood	Custom tailoring	4	2	6	
Dec. 4	Brannas, Wm	Ironwood	Plumbing	15	1	16	
Nov. 27	Buss Creamery, The	Ironwood	Cream products	6	2	8	1
Dec. 5	Coulter-Book Operations	Ironwood	Iron ore	146		146	1
Nov. 30	Cudahy Packing Co.	Ironwood	Wholesale meats	6		6	
Dec. 4	Dear, Ernest	Ironwood	Plumbing	4	1	5	
Dec. 4	Finnish Printing Co., The	Ironwood	Printing	5		5	
Dec. 5	Gramm, Otto	Ironwood	Painting	2	1	3	
Nov. 30	Hager, F. J. Lumber Co.	Ironwood	Lumber and coal	10	1	11	
Dec. 1	Harri, John	Ironwood	Custom tailoring	2		2	
Dec. 4	Heidemann & Thompson	Ironwood	Blacksmithing	10		10	
Nov. 30	Hing, Eng	Ironwood	Laundry	4		4	
Dec. 1	Independent Tailors	Ironwood	Custom tailoring	4		4	
Nov. 30	Ironwood Baking Co.	Ironwood	Baked goods	3	2	5	
Nov. 30	Ironwood & Bessemer Ry. & Light Co.	Ironwood	Light, power and water	55	4	59	1
Dec. 5	Ironwood Brewing Co., The	Ironwood	Beer	6		6	
Nov. 27	Ironwood Cash Meat Market	Ironwood	Meats	2	1	3	
Dec. 3	Ironwood Dye Works	Ironwood	Dyeing and cleaning	2	1	3	
Dec. 3	Ironwood Gas Co.	Ironwood	Gas	4	1	5	1
Nov. 27	Ironwood Steam Laundry	Ironwood	Laundry	2	5	7	
Dec. 4	Ironwood Times, The	Ironwood	Printing	3	1	4	
Nov. 28	Johnson, M.	Ironwood	Sewing machines	1		1	
Nov. 30	Kearney, F. H. Co.	Ironwood	Flour, grain and feed	5		5	
Nov. 28	Knebone, Mrs. S.	Ironwood	Ice cream		3	3	
Dec. 6	Koski, Matti	Ironwood	Painting	5	1	6	
Nov. 28	Ladin, L.	Ironwood	Hardware	5	1	6	
Nov. 30	Leselyong Hardware Co.	Ironwood	Hardware	5		5	
Nov. 28	Liebermann, Theo.	Ironwood	Tailoring	1	1	2	
Dec. 1	Lutey, R.	Ironwood	Florist	5	2	7	1

## Factory Inspection.—Continued.

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	GOGEBIC Co.—Con.						
Dec. 4	Maki, Herman	Ironwood	Shoe repairing	2		2	
Dec. 4	Michigan Scrap Iron Co.	Ironwood	Scrap iron	2		2	1
Nov. 28	Michigan State Telephone Co.	Ironwood	Telephone service	7	22	29	
Dec. 5	Mueller, Adolph	Ironwood	Harness	3		3	
Dec. 1	Nattelblad, Otto	Ironwood	Custom tailoring	2		2	
Dec. 4	Nelson, Hogen	Ironwood	Contracting	4		4	
Dec. 5	Newport Mining Co., The	Ironwood	Iron ore	1,383	11	1,394	2
Nov. 28	News Record Publishing Co.	Ironwood	Printing	6	1	7	
Dec. 4	Nezworski, J. J.	Ironwood	Meats	4		4	
Nov. 30	Northern Baking Industry	Ironwood	Baked goods	9	3	12	1
Dec. 8	Oliver Iron Mining Co.	Ironwood	Iron ore	2,650	2	2,652	12
Dec. 3	Oliver & Lyne	Ironwood	Blacksmithing	4		4	
Dec. 4	Olson & Bergquist	Ironwood	Woodworking	13	1	14	1
Dec. 5	Oriental Steam Dye Works	Ironwood	Dyeing	1	1	2	
Dec. 4	Oxnam Fuel Co.	Ironwood	Coal and wood	6	1	7	
Nov. 28	Paulos, Geo.	Ironwood	Ice cream and candy	2	1	3	
Nov. 30	Peterson, W. G. Co.	Ironwood	Produce	6		6	
Nov. 30	Peterson Bros.	Ironwood	Groceries and bakery	16	7	23	2
Dec. 4	Piittari, Karl	Ironwood	Tailoring	2	1	3	
Dec. 4	Public Service Garage, The	Ironwood	Auto repairing	5	1	6	
Nov. 30	Range Plumbing & Heating Co.	Ironwood	Plumbing	7	1	8	2
Dec. 5	Reid, Samuel	Ironwood	Meats and groceries	3		3	
Nov. 30	Rintala, August	Ironwood	Tailoring	4	1	5	
Dec. 8	Roach & Seeber Co.	Ironwood	Wholesale groceries	8	3	11	1
Nov. 27	Sauter, Joseph G.	Ironwood	Cigars	6	1	7	1
Dec. 5	Scott & Howe Lumber Co.	Ironwood	Lumber	211		211	4
Nov. 28	Seaman's	Ironwood	Ladies' ready to wear	1	5	6	
Dec. 1	Silberg & Ketola	Ironwood	Furniture	3		3	
Dec. 3	Sopko, John J.	Ironwood	Meats and groceries	4	1	5	1
Dec. 5	Standard Oil Co.	Ironwood	Oil	5		5	
Nov. 30	Stevens, Max	Ironwood	Painting	1	1	2	
Dec. 1	Sullivan & Coumbe	Ironwood	Baked goods	2	3	5	
Dec. 4	Superior Bakery	Ironwood	Baked goods	12		12	
Nov. 30	Thomas, Healy & Co.	Ironwood	Hay, grain and flour	4		4	
Nov. 27	Union Bottling Works	Ironwood	Soft drinks	3		3	
Nov. 28	Universal Auto Co.	Ironwood	Auto repairing	9	1	10	
Dec. 1	Western Union Telegraph Co.	Ironwood	Telegraph service	4	1	5	2
Nov. 28	Wienberg, Harry	Ironwood	Hardware	3		3	
Nov. 30	Wikhund, Andrew	Ironwood	Shoe repairing	2		2	
Dec. 6	Morgan Co.	Jesseville	Building supplies	4	1	5	
Dec. 18	Coates & Tweed	Verona	Iron	403	1	404	4
Dec. 17	Ahlstedt, Paul	Wakefield	Shoe repairing	1		1	
Dec. 17	City Meat Market	Wakefield	Meats and groceries	4	1	5	
Dec. 18	Frsparmer & Mayheu	Wakefield	Hardware and furniture	2		2	
Dec. 18	Fitger Brewing Co.	Wakefield	Beer	4		4	
Dec. 17	Lake Front Store, The	Wakefield	Meats and groceries	4	1	5	
Dec. 17	McDonald, H. J.	Wakefield	Blacksmithing	2		2	
Dec. 17	Mattola & Co.	Wakefield	Furniture	2		2	
Dec. 17	Milligan & Daly	Wakefield	Cigars	3		3	1
Dec. 17	Olson, A. F.	Wakefield	Ice cream and candy	1	2	3	
Dec. 17	Ringsmuth, Anton	Wakefield	Hardware	4		4	
Dec. 17	Sacks, L.	Wakefield	Tailoring	1		1	
Dec. 18	Wakefield Advocate, The	Wakefield	Printed matter	2	1	3	
Dec. 17	Wakefield Electric Co.	Wakefield	Electrical supplies	2	1	3	
Dec. 18	Wakefield Iron Co., The	Wakefield	Iron ore	452		452	4
Dec. 18	Wakefield Lumber Co.	Wakefield	Lumber	6		6	
Dec. 17	Yep, Chas.	Wakefield	Laundry	2		2	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
GRAND TRAVERSE COUNTY.							
May 17	Crandall, D. E. & Son	Grawn	Lumber	20		20	
May 17	Van Keulen & Winchester Lumber Co.	Interlochen	Lumber	38		38	
May 16	Dunn, Howard Wesley	Kingsley	Lumber	20		20	
May 16	Grand Traverse Sun	Kingsley	Printed matter	1	1	2	
May 16	Linton, I. D.	Kingsley	Harness	2		2	
May 16	Schone, John Estate	Kingsley	Lumber	8		8	
May 15	Wurzburg, W. F.	Kingsley	Blacksmithing	1		1	
May 8	Abbott, W. H.	Traverse City	Blacksmithing	2		2	
May 15	Adams Express Co.	Traverse City	Express service	4	1	5	
May 8	Arms & Cole	Traverse City	Plumbing	7	1	8	
May 8	Bain & Miller	Traverse City	Plumbing	4		4	
May 7	Bartak, A. W. & Son	Traverse City	Meats and produce	5		5	
May 9	Bell's Bakery	Traverse City	Baked goods	3	1	4	
May 8	Bensley's Steam Dye Works	Traverse City	Cleaning	2	3	5	
May 8	Boardman River Electric Light & Power Co.	Traverse City	Light and power	13		13	
May 11	Brodhagan, Henry	Traverse City	Passenger service	5		5	
May 9	Brosch, Wm.	Traverse City	Meats	2		2	
May 11	Brown Lumber Co.	Traverse City	Lumber	65	1	66	1
May 12	Burden's Garage	Traverse City	Auto repairing	5		5	
May 9	Caldwell & Loudon	Traverse City	Wagons	8	1	9	
May 14	Campbell Folding Crate Co.	Traverse City	Potato crates	14		14	
May 7	Carey Millinery	Traverse City	Millinery		4	4	
May 12	Citizens Telephone Co.	Traverse City	Telephone service	12	23	35	
May 7	City Bakery	Traverse City	Baked goods	3	2	5	
May 15	Coddington, W. M.	Traverse City	Robes	2		2	
May 11	Cornwell Co., The	Traverse City	Meats	7	2	9	
May 8	Cox, C. S.	Traverse City	Meats	2		2	
May 9	Detroit Bakery	Traverse City	Baked goods	4		4	
May 8	Ebner Brothers	Traverse City	Job printing	5	3	8	
May 8	Goode's Garage	Traverse City	Auto repairing	15	1	16	
May 14	Gothic Press, The	Traverse City	Job printing	3	1	4	
May 8	Grand Traverse Auto Co.	Traverse City	Auto repairing	17	1	18	
May 9	Greilick Mfg. Co.	Traverse City	Tables and chairs	119	23	142	3
May 10	Hannah & Lay Mercantile Co.	Traverse City	Coal and lumber	18		18	
May 9	Hannah & Lay Mercantile Co., The	Traverse City	Plumbing	6	1	7	
May 14	Hannah & Lay Co.	Traverse City	Flour	10	2	12	
May 7	Harvey-Haas Co.	Traverse City	Job printing	4	1	5	
May 8	Heumann, J. D.	Traverse City	Tailoring	3	1	4	
May 7	Hobbs, W. J.	Traverse City	Meats	2		2	
May 10	Hopkins, James C.	Traverse City	Coal	4	1	5	
May 15	Hormuth, Peter	Traverse City	Cigars	3	1	4	
May 12	Jahraus, A. W.	Traverse City	Cigars	5		5	
May 8	Johnson G. J. Cigar Co.	Traverse City	Cigars	1	20	21	
May 10	Joyce, A. L. & Son	Traverse City	Soft drinks	6		6	
May 15	Kaufman, L. G.	Traverse City	Cigars	3	1	4	
May 7	Klaiber, Miss Ida	Traverse City	Millinery		2	2	
May 9	La Mode Millinery	Traverse City	Millinery		3	3	
May 11	Lardie, Geo. W. & Son	Traverse City	Cooperage	5	1	6	
May 9	Lawrence, Mrs. W. G.	Traverse City	Millinery		3	3	
May 11	Leesberg Shoe Mfg. Co.	Traverse City	Shoes	33	21	54	
May 12	Limpricht, Chas. H.	Traverse City	Harness	2		2	
May 14	Lutz, Glen	Traverse City	Meats	2		2	
May 11	McCough, Est. of J. H.	Traverse City	Produce	4	1	5	
May 9	Masenich Printing Co.	Traverse City	Job printing	2		2	
May 7	Mercer, R. J. Co.	Traverse City	Hardware	8		8	
May 8	Michigan State Telephone Co.	Traverse City	Telephone service	4	11	15	
May 10	Mikesell & Co.	Traverse City	Canned goods	7	1	8	
May 9	Morgan, John C. Co.	Traverse City	Cider	5	1	6	
May 10	National Grocer Co.	Traverse City	Wholesale groceries	19	5	24	
May 9	Nemec, Tony	Traverse City	Blacksmithing	2		2	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>GRAND TRAVERSE CO.—Con.</b>							
May 10	Oval Wood Dish Co., The	Traverse City	Woodenware	242	120	362	3
May 9	Paris Sugar Bowl	Traverse City	Candy	3		3	
May 11	Pere Marquette Railway Co.	Traverse City	Car repairing	16		16	
May 11	Pere Marquette Railway Co.	Traverse City	Freight	10	3	13	
May 11	Pere Marquette Railway Co.	Traverse City	Shop repairing	26		26	1
May 11	Pere Marquette Railway Co.	Traverse City	Yard department	40	1	41	
May 8	Petander, Emil	Traverse City	Bicycle repairing	2		2	
May 11	Petertyl, Victor	Traverse City	Sleigh runners, etc	31	1	32	
May 7	Postal Telegraph Co.	Traverse City	Telegraph service	1		1	
May 8	Potato Implement Co.	Traverse City	Implements	34	2	36	
May 15	Progress Laundry	Traverse City	Laundry	4	8	12	
May 10	Queen City Bottling Co.	Traverse City	Soft drinks	7	1	8	
May 14	Queen City Floral Co.	Traverse City	Flowers	8		8	
May 8	Queen City Implement Co.	Traverse City	Implements	3	1	4	
May 12	Quick, Chas. E.	Traverse City	Merchant tailoring	4	2	6	
May 9	Rickerd, A. W.	Traverse City	Monuments	11		11	
May 15	Round, H. W.	Traverse City	Machine repairing	3		3	
May 12	Saxon Agency	Traverse City	Auto repairing	4	1	5	
May 14	Skirt & Novelty Co.	Traverse City	Skirts	2	53	55	
May 12	Slaby, H. J.	Traverse City	Blacksmithing	2		2	
May 9	Sladek, Frank	Traverse City	Tailoring	4		4	
May 8	Slater Auto Co.	Traverse City	Auto repairing	5		5	
May 10	Standard Oil Co.	Traverse City	Oils	5		5	
May 14	Steimel, B. F.	Traverse City	Meats	2		2	
May 10	Straub Bros. & Amiotte	Traverse City	Candy	23	30	53	
May 11	Tarback & Schulgen	Traverse City	Machine repairing	5		5	
May 10	Taylor, C. B. Coal Co., The	Traverse City	Building material	4	1	5	
May 10	Traverse City Brewing Co.	Traverse City	Beer	8		8	
May 9	Traverse City Casket Co.	Traverse City	Caskets	4	1	5	
May 8	Traverse City Cigar Box Co.	Traverse City	Cigar boxes	1	2	3	
May 15	Traverse City Electric Light & Power Department	Traverse City	Light and power	7	1	8	
May 10	Traverse City Elgin Creamery	Traverse City	Dairy products	4		4	
May 8	Traverse City Gas Co.	Traverse City	Gas	14		14	
May 14	Traverse City Iron Works	Traverse City	Machine repairing	33	1	34	
May 9	Traverse City Mattress & Bedding Co.	Traverse City	Mattresses	3	1	4	
May 10	Traverse City Milling Co.	Traverse City	Flour	8	2	10	
May 12	Traverse City Overland Co.	Traverse City	Auto repairing	15		15	
May 7	Traverse City Record-Eagle	Traverse City	Printed matter	17	2	19	3
May 15	Traverse City Refrigerator Co.	Traverse City	Refrigerators	32		32	2
May 14	Traverse City Steam Laundry	Traverse City	Laundry	4	17	21	
May 8	Traverse City Wagon Works	Traverse City	Wagons	7		7	
May 15	Traverse City Water Department	Traverse City	Water	9		9	
May 7	Trude, Frank	Traverse City	Hardware	3		3	
May 8	Votruba, F. Harness Co.	Traverse City	Harness	5	1	6	
May 10	Wells-Higman Co.	Traverse City	Baskets	100	14	204	13
May 8	West Michigan Garage	Traverse City	Auto repairing	10	1	11	
May 8	Whiting Garage	Traverse City	Auto repairing	4		4	
<b>GRATIOT COUNTY.</b>							
May 10	Alma Bottling Works	Alma	Soft drinks	2		2	
May 8	Alma City Laundry	Alma	Laundry	5	14	19	
May 8	Alma Elevator Co.	Alma	Grain and beans	4	31	35	
May 12	Alma Garage Co.	Alma	Auto repairing	4		4	
Jan. 11	Alma Garden Shop, The	Alma	Furniture	5		5	
May 11	Alma Journal, The	Alma	Printed matter	5	1	6	
May 11	Alma Record Publishing Co., The	Alma	Printed matter	6	1	7	
May 7	Alma Roller Mills	Alma	Flour and grain	16	17	33	
May 10	Bartley's Market	Alma	Meats and groceries	4		4	
May 10	Bennett, Mrs. F. A.	Alma	Millinery		2	2	



Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>GRATIOT Co.—Con.</b>							
May 9	Berman, E. & Sons	Alma	Junk	7		7	
May 11	Brewer's Market	Alma	Meats	5		5	
May 10	Brown, R. H.	Alma	Plumbing	4		4	
May 12	Central Michigan Light & Power Co.	Alma	Light and power	4	1	5	
Jan. 11	Clapp, Earl C.	Alma	Hardware	4	1	5	
May 10	Eckert's Market	Alma	Meats	3		3	
Jan. 11	Gaffney Style Shop, The	Alma	Millinery		5	5	
May 12	Gratiot County Gas Co.	Alma	Light and heat	10	2	12	
May 8	Home Lumber & Fuel Co.	Alma	Lumber and fuel	8	1	9	
May 7	Ideal Concrete Block Co.	Alma	Concrete blocks	4		4	
May 8	Johnson, C. M.	Alma	Auto repairing	5	1	6	1
May 10	Kean Bros	Alma	Blacksmithing	3		3	
May 7	Libby, McNeill & Libby	Alma	Pickles	2	2	4	
May 7	Libby, McNeill & Libby	Alma	Food products	34	41	75	4
May 10	Lybolt, Lee	Alma	Blacksmithing	2		2	
May 9	McKensie Bros	Alma	Cigars	3	1	4	
May 15	Michigan State Telephone Co.	Alma	Telephone service	3	10	13	
May 8	Michigan Sugar Co.	Alma	Sugar	310	3	313	
May 15	Model Bakery	Alma	Baked goods	5	2	7	
May 11	Ogie, C. A. & Son	Alma	Harness	4		4	
May 10	Perrigo, M. L.	Alma	Auto repairing	3	1	4	
May 10	Pitman, Mrs. A. W.	Alma	Millinery		2	2	
May 9	Republic Motor Truck Co., Inc.	Alma	Motor trucks	1,554	65	1,619	20
May 15	Smith's Bakery	Alma	Baked goods	2	1	3	
May 10	Smith, Nelson S.	Alma	Beans and produce	2	14	16	
May 7	Swift & Co.	Alma	Dairy products	56	52	108	
May 9	Thornton, L. G.	Alma	Plumbing	3		3	
May 15	Union Telephone Co., The	Alma	Telephone service	2	11	13	
May 7	Waite, F. E. Co., The	Alma	Auto repairing	3		3	
May 9	Wheaton, J. M.	Alma	Concrete blocks	5		5	
Jan. 31	Alart & McGuire Co.	Ashley	Pickles	1		1	
May 5	Ashley Tile Co.	Ashley	Tile and brick	10		10	
Jan. 31	Ballard, F. E.	Ashley	Blacksmithing	2		2	
May 5	Cresmo Cheese Co.	Ashley	Cheese	3		3	
May 5	Green, Chas. A.	Ashley	Lumber	4		4	
May 5	Independent Elevator Co.	Ashley	Flour and grain	2		2	
Jan. 31	Kirby, L. K.	Ashley	Auto repairing	2		2	
May 5	Rockafellow Grain Co.	Ashley	Grain and beans	3	16	19	
May 5	Todd, G. W. & Son	Ashley	Baked goods	2	1	3	
May 5	Zigler, B. I.	Ashley	Meats	1		1	
May 4	Alart & McGuire	Bannister	Pickles	10	4	14	
May 4	Bannister Elevator Co.	Bannister	Grain and beans	4	16	20	
Jan. 31	Cox, Judd	Bannister	Harness	3		3	1
May 4	Kiter, Frank R.	Bannister	Auto repairing	2		2	
Jan. 31	Letta, R. G.	Bannister	Lumber	1		1	
Jan. 31	Union Telephone Co.	Bannister	Telephone service		1	1	
May 25	Breckenridge American	Breckenridge	Printed matter	1		1	2
May 25	Breckenridge Farmers' Elevator Co.	Breckenridge	Peas and grain	3	36	39	
May 25	Breckenridge Garage	Breckenridge	Auto repairing	3		3	
Jan. 8	Coleman, Geo. W.	Breckenridge	Blacksmithing	2		2	
May 25	Crawford & Co.	Breckenridge	Grain and beans	4	16	20	
May 25	Krenz, Ed. F.	Breckenridge	Meats	2		2	
May 25	Roth Bros.	Breckenridge	Auto repairing	2		2	
May 25	Sherman, Job	Breckenridge	Meats	2		2	
Jan. 8	Stewart, Alex.	Breckenridge	Meats	3		3	
May 25	Weed, Elmer	Breckenridge	Harness	2		2	1
May 25	Weed, Homer J.	Breckenridge	Farm produce	2		2	
May 25	Zubler, H. J.	Breckenridge	Plumbing	3		3	
May 28	Elwell Elevator Co.	Elwell	Peas	3	16	19	
May 3	Forest Hill Elevator Co.	Forest Hill	Grain and beans	2	10	12	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	GRATIOT Co.—Con.						
May 18	B <sup>a</sup> rrone, Chas. H.	Ithaca	Meats.	3		3	
Jan. 30	B <sup>a</sup> rown, C. M.	Ithaca	Harness.	4		4	
May 17	B <sup>a</sup> rown Motor Sales Co.	Ithaca	Auto repairing.	6		6	
Jan. 30	Byers, C. F.	Ithaca	Blacksmithing.	2		2	
May 17	Doran & McCredie.	Ithaca	Butter	4		4	
Jan. 30	Gratiot County Gas Co.	Ithaca	Gas	1		1	
May 18	Gratiot County Herald.	Ithaca	Printed matter.	5	3	11	4
May 19	Havana Cigar Co., The.	Ithaca	Cigars	2	2	4	
Jan. 30	Ithaca Creamery	Ithaca	Dairy products	2		2	
May 18	Ithaca Gleaner-Farmers' Elevator Co.	Ithaca	Peas and grain	9	28	37	
Jan. 30	Ithaca Light & Water Works.	Ithaca	Light and water	7	1	8	
May 19	Ithaca Lumber & Coal Co.	Ithaca	Lumber and coal	7		7	
May 19	Ithaca Roller Mills	Ithaca	Flour, grain, etc.	12	31	43	
May 17	Ithaca Steam Laundry	Ithaca	Laundry	2	3	5	
May 18	Kinsel, W. H.	Ithaca	Baked goods.	3	1	4	
Jan. 30	Michigan State Telephone Co.	Ithaca	Telephone service	1	4	5	
May 19	Nelson & Mathews Produce Co.	Ithaca	Farm produce	3		3	
May 17	Parker, Howard	Ithaca	Auto repairing.	5		5	
May 17	Reeves, Leslie D.	Ithaca	Blacksmithing	3		3	
Jan. 30	Rockwell, Mrs. F. D.	Ithaca	Millinery	1	2	3	
May 18	Rowell, Grace E.	Ithaca	Millinery		2	2	
May 17	Rowell, J. B. & Son	Ithaca	Auto repairing.	4		4	
Jan. 30	Ryckman, Theo.	Ithaca	Harness	3		3	
May 17	Tedhams, Hugh	Ithaca	Blacksmithing	2		2	
Jan. 30	Thompson, H. B.	Ithaca	Jewelry	2	1	3	
Jan. 30	Tucker, Mrs. W. D.	Ithaca	Millinery		3	3	
May 19	Willoughby, Wm.	Ithaca	Blacksmithing	2		2	
May 18	Winget, Geo. W. & Son	Ithaca	Meats	4		4	
May 16	Chase, C. B.	Middleton	Blacksmithing	2		2	
May 16	Economy Garage, The.	Middleton	Auto repairing.	2		2	
Feb. 7	Gilbert, Burt.	Middleton	Harness	2		2	
May 16	Hart, Geo. S. Co.	Middleton	Cheese	2		2	
Feb. 7	Home Bakery, The.	Middleton	Baked goods	1	1	2	
May 16	Mertz, Wm.	Middleton	Auto repairing.	4		4	
May 16	Mertz, Wm.	Middleton	Light	2		2	
Feb. 7	Middleton Electric Light Co.	Middleton	Light	2		2	
May 16	Middleton Farmers' Elevator Co.	Middleton	Grain and beans	4		4	
Feb. 7	Middleton Garage, The.	Middleton	Auto repairing.	3		3	
May 16	Middleton Record, The.	Middleton	Printed matter	1	3	4	
May 16	Rockafellow Grain Co.	Middleton	Grain and beans	4	11	15	
May 4	Adamek, O. C.	North Star	Blacksmithing	1		1	
Feb. 1	Lott, F. M. & Co.	North Star	Meats	1	1	2	
May 4	North Star Elevator Co.	North Star	Grain and beans	5	21	26	
May 4	North Star Tile Co., The.	North Star	Tile	10		10	
May 4	Reist & Son	North Star	Cream cheese	3		3	
May 16	Detrich, E. W.	Perrinton	Blacksmithing	2		2	
May 16	Harris, G. A.	Perrinton	Blacksmithing	2		2	
May 16	Helman, E. A.	Perrinton	Meats	2		2	
May 16	Libby, McNeill & Libby	Perrinton	Evaporated milk	74	3	77	
Feb. 7	Sheridan, M. E. & Co.	Perrinton	Farm produce	2		2	
May 16	Stockbridge Elevator Co.	Perrinton	Grain and beans	2	4	6	
Feb. 7	Wolverine Condensed Milk Co.	Perrinton	Condensed milk	60	1	61	
May 16	Gould, L. R.	Pompeii	Meats	1		1	
May 16	Grobargh, Jay	Pompeii	Blacksmithing	1		1	
May 16	Jessup, Geo. L.	Pompeii	Grain	6	21	27	
May 28	Looker, A. J.	Riverdale	Blacksmithing	1		1	
May 28	Riverdale Elevator Co.	Riverdale	Beans	3	3	6	
May 28	Riverdale Promoter, The	Riverdale	Printed matter	1		1	
Feb. 1	Union Telephone Co., The	Riverdale	Telephone service	1	2	3	
May 24	Alma Standard Foundry Mfg. Co.	St. Louis	Foundry	25		25	5

Factory Inspection.—Continued.

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GRATIOT CO.—Con.							
May 23	Brewer, Grant L. & Son	St. Louis.	Monuments	3		3	
May 23	Brewer, W. R. & Co.	St. Louis.	Meats	4		4	
Jan. 10	Brewer, W. R. & Co.	St. Louis.	Meats	3		3	
May 22	Burlingame & Son	St. Louis.	Auto repairing	7		7	
May 21	Burns, John & Son	St. Louis.	Harness	3		3	
May 24	Clegg, F. S.	St. Louis.	Blacksmithing	2		2	
Jan. 10	Gratiot County Gas Co.	St. Louis.	Gas	2		2	
May 24	Hall, W. H.	St. Louis.	Building material	10		10	
May 22	Hofstetter Bros.	St. Louis.	Baked goods	4	2	6	
May 23	Holland-St. Louis Sugar Co.	St. Louis.	Sugar	153	4	157	
May 23	Housel, C. V.	St. Louis.	Meats	1		1	
May 24	Lane, B. R.	St. Louis.	Repairing	3		3	
May 23	Michigan State Telephone Co.	St. Louis.	Telephone service	1	5	6	
Jan. 10	Nichols, Geo. G.	St. Louis.	Jewelry	1	1	2	
May 21	St. Louis-Alma Bottling Works	St. Louis.	Soft drinks	2		2	
May 22	St. Louis Cooperative Creamery Co.	St. Louis.	Butter	3		3	
May 22	St. Louis Granite & Marble Works	St. Louis.	Monuments	1		1	
May 24	St. Louis Leader, The	St. Louis.	Printed matter	3	1	4	
May 22	St. Louis Light & Water Works	St. Louis.	Light and water	4		4	
May 22	St. Louis Roller Mills	St. Louis.	Flour and grain	4		4	
Jan. 10	St. Louis Steam Laundry	St. Louis.	Laundry	2	3	5	
May 24	Smith, W. H.	St. Louis.	Farm produce	2		2	
May 24	Swartz, J. F.	St. Louis.	Foundry	4		4	
May 23	Union Telephone Co., The	St. Louis.	Telephone service	1	5	6	
Jan. 10	Wolf, Robt. & Co.	St. Louis.	Auto repairing	3		3	
May 21	Yates, W. H.	St. Louis.	Blacksmithing	2		2	
May 25	Wheeler Elevator Co.	Wheeler	Grain and beans	4	21	25	
HILLEDALE COUNTY.							
Jan. 4	Camden Roller Mills	Camden	Flour and feed	4		4	
Jan. 4	Clark Bros. Garage	Camden	Auto repairing	4		4	
Jan. 4	Economy Electric Co.	Camden	Light and power	3		3	
Jan. 2	Alamo Engine Co., The	Hilledale	Gasoline engines	206	7	273	2
Jan. 2	Alamo Farm Light Co.	Hilledale	Light	66		66	
Jan. 2	Alco Foundry & Machine Co.	Hilledale	Rails and door hangers	5		5	
Jan. 2	Aldrich, G. A. & Co.	Hilledale	Auto repairing	9		9	
Jan. 4	Bail's Steam Laundry	Hilledale	Laundry	1	2	3	
Jan. 2	Bents Bros. Garage	Hilledale	Auto repairing	7		7	
Jan. 4	Chapman, Mrs. A. B.	Hilledale	Millinery		3	3	
Jan. 2	Chapple, C. W. & Co.	Hilledale	Coal and wood	3	1	4	
Jan. 2	City Hall Garage	Hilledale	Auto repairing	5		5	
Jan. 2	Corlett, R. J. & Sons	Hilledale	Lumber and coal	2	2	4	
Jan. 4	Engelhardt, Geo.	Hilledale	Baked goods	3	1	4	2
Jan. 3	Good Taste Bakery	Hilledale	Baked goods	2		2	
Jan. 3	Hayes, C. S.	Hilledale	Dry cleaning	2		2	
Jan. 4	Hayes, R. W.	Hilledale	Job printing	4	1	5	
Jan. 3	Hilledale County Cooperative Assn.	Hilledale	Coal and feed	3		3	
Jan. 2	Hilledale Daily News, The	Hilledale	Printed matter	11	3	14	
Jan. 3	Hilledale Elgin Creamery Co.	Hilledale	Dairy products	4		4	
Jan. 3	Hilledale Fuel & Lumber Co.	Hilledale	Lumber and coal	3	1	4	
Jan. 4	Hilledale Gas Light Co.	Hilledale	Light	10	1	11	
Jan. 3	Hilledale Grocery Co.	Hilledale	Groceries	11	3	14	
Jan. 3	Hilledale Leader, The	Hilledale	Printed matter	1		1	
Jan. 4	Hilledale Light & Water Works	Hilledale	Light and water	12		12	
Jan. 3	Hilledale Merchandise Co., The	Hilledale	Woodenware	4	1	5	
Jan. 2	Hilledale Rote & Tanning Co., The	Hilledale	Furriers	6	13	19	
Jan. 5	Hilledale Screen Co.	Hilledale	Door and window screens	46	9	55	
Jan. 2	Keys, L. D.	Hilledale	Baked goods	4		4	
Jan. 3	Lindcolt & Decker	Hilledale	Auto repairing	2		2	

## Factory Inspection.—Continued.

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HILSDALE CO.—Con.							
Jan. 3	Manec, A. J.	Hillsdale	Meats	4	1	5	
Jan. 3	Michigan State Telephone Co.	Hillsdale	Telephone service	4	17	21	
Jan. 4	New York Central Railroad Co.	Hillsdale	Freight	26	6	32	
Jan. 4	New York Central Railroad Co.	Hillsdale	Engine repairing	21		21	
Jan. 3	Oberlien, Avis	Hillsdale	Baked goods	2	1	3	
Jan. 3	Pinkham & Wright	Hillsdale	Auto repairing	8	1	9	
Jan. 3	Rapid Shoe Repair Shop	Hillsdale	Shoe repairing	4		4	
Jan. 3	Roethlisberger, L. E.	Hillsdale	Auto repairing	3		3	
Jan. 3	South End Market	Hillsdale	Meats	3	1	4	
Jan. 3	Star Steam Laundry	Hillsdale	Laundry	5	7	12	
Jan. 2	Stock, F. W. & Sons	Hillsdale	Flour	46	4	50	
Jan. 3	Stoll, O. A.	Hillsdale	Flowers	4		4	
Jan. 3	Tasker, H. M.	Hillsdale	Monuments	3		3	
Jan. 3	Veeder Broom Co.	Hillsdale	Brooms	4		4	
Jan. 3	Western Reserve Condensed Milk Co., The	Hillsdale	Condensed milk	7		7	
Jan. 5	Gregory, E. B.	Jonesville	Printed matter	3		3	
Jan. 4	Jonesville Bakery, The	Jonesville	Baked goods	2	1	3	
Jan. 4	Jonesville Hand Laundry	Jonesville	Laundry	2		2	
Jan. 4	Jonesville Water Works	Jonesville	Water	4		4	
Jan. 5	Jonesville Lumber Co.	Jonesville	Lumber and coal	4		4	
Jan. 4	Jonesville Milling Co.	Jonesville	Flour and feed	9		9	
Jan. 5	Pinkham & Wright	Jonesville	Auto repairing	1		1	
Jan. 4	Poor, Berton E.	Jonesville	Cigars	15	26	41	
Jan. 5	Randolph, H. C.	Jonesville	Auto trailers	5		5	
Jan. 4	Riverside Garage	Jonesville	Auto repairing	3		3	
Jan. 5	Slessman & Sons	Jonesville	Sauerkraut	40	6	46	
Jan. 4	Litchfield Dairy Association	Litchfield	Dairy products	6	1	7	
Jan. 4	Litchfield Garage	Litchfield	Auto repairing	3		3	
Jan. 4	Litchfield Gazette, The	Litchfield	Printed matter	1	1	2	
Jan. 4	Litchfield Lighting Plant	Litchfield	Electricity	2		2	
Jan. 4	Nash & Son	Litchfield	Coal and wood	3		3	
Jan. 4	Stock, F. W. & Sons	Litchfield	Flour and feed	25		25	
Jan. 4	Crall, James	Montgomery	Blacksmithing	2		2	
Jan. 4	Electric Light Works	Montgomery	Electricity	1		1	
Jan. 4	Mitchell & Co.	Montgomery	Grain and feed	3		3	
Jan. 4	Montgomery Cheese Co.	Montgomery	Cheese	2		2	
Jan. 4	Montgomery Record, The	Montgomery	Printed matter	1	2	3	
Jan. 4	Noble, A. B.	Montgomery	Farm produce	2		2	
Jan. 4	Tri-State Cooperative Association	Montgomery	Dairy products	3		3	
Jan. 5	Corlett, R. J. & Sons	North Adams	Lumber and coal	1	1	2	
Jan. 5	Greenville Dairy	North Adams	Dairy products	4		4	
Jan. 5	North Adams Advocate, The	North Adams	Job printing	1	1	2	
Jan. 5	North Adams Municipal Plant	North Adams	Electricity	1		1	
Jan. 5	Williams, F. I. & Son	North Adams	Grain and feed	5		5	
Dec. 31	Corlett, R. J. & Sons	Pittsford	Lumber and coal	3		3	
Dec. 31	Earl Bros	Pittsford	Auto repairing	4		4	
Dec. 31	Haybarker & Newell	Pittsford	Feed	3	1	3	
Dec. 31	Pittsford Reporter, The	Pittsford	Printed matter	2	1	3	
Jan. 4	Acme Chair Co.	Reading	Chairs	75	7	82	
Jan. 4	Denney & Radabaugh	Reading	Cigars	2	2	4	
Jan. 4	Hammel, Otis	Reading	Lumber	8		8	
Jan. 3	Main Street Garage, The	Reading	Auto repairing	4		4	
Jan. 3	Michigan Street Garage	Reading	Auto repairing	2		2	
Jan. 3	Paper Mache Specialties Co.	Reading	Papier mache goods	5	2	7	
Jan. 4	Reading Creamery	Reading	Dairy products	2		2	
Jan. 4	Reading Hustler, The	Reading	Printed matter	3	1	4	
Jan. 4	Reading Light & Water Plant	Reading	Light and water	2		2	
Jan. 4	Reading Milling Co.	Reading	Flour and feed	3		3	
Jan. 4	Reading Robe & Tanning Co.	Reading	Fur goods	8	6	14	
Jan. 3	Weaver, W. W.	Reading	Fur goods	12	6	18	

Factory Inspection.—Continued.

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<b>HILSDALE Co.—Con.</b>							
Dec. 31	Avis Milling Co.	Waldron	Flour and feed	4		4	
Dec. 31	Hixon, Robert Lumber Co., The	Waldron	Lumber	2		2	
Dec. 31	Kelley, E. E. & Co.	Waldron	Grain and coal	4		4	
Dec. 31	Meyers & Deville	Waldron	Lumber	7		7	
Dec. 31	Waldron Recorder, The	Waldron	Printed matter	2	1	3	
<b>HOUGHTON COUNTY.</b>							
Oct. 16	Anegone Bros. Co.	Calumet	Candy	1	1	2	
Oct. 12	Antioho, Geo. & Co.	Calumet	Candy	3	3	6	
Oct. 15	Asselin, Joseph	Calumet	Meats	9		9	
Oct. 16	Baer Bros.	Calumet	Meats	4		4	
Oct. 16	Barnham, Burt	Calumet	Cleaning and dyeing	2	1	3	
Oct. 15	Barsotti Bros. Ice Cream Co.	Calumet	Ice cream	1		1	
Oct. 13	Barsotti Bros.	Calumet	Ice cream and fruits	4	2	6	
Oct. 9	Bloy Furniture Co.	Calumet	Furniture	4	1	5	
Oct. 12	Calumet Brewing Co., The	Calumet	Beer	21		21	
Oct. 15	Calumet Candy Kitchen	Calumet	Candy	2	2	4	
Oct. 12	Calumet Garment Mfg. Co.	Calumet	Garments	1	19	20	
Oct. 9	Calumet Granite & Marble Works	Calumet	Monuments	3	1	4	
Oct. 30	Calumet & Hecla Mining Co.	Calumet	Copper	6,317	43	6,360	96
Oct. 16	Calumet Storage Battery Co.	Calumet	Storage batteries	1		1	
Oct. 10	Carlton Hardware Co.	Calumet	Hardware	13		13	
Oct. 13	Centennial Copper Mining Co.	Calumet	Copper	152		152	
Oct. 13	Chop, Matt	Calumet	Tailoring	3	1	4	
Oct. 18	Croatian Printing Co.	Calumet	Printed matter	1	2	3	
Oct. 10	Dawe, Miss L. S.	Calumet	Millinery	1	3	4	
Oct. 12	Demarois Bros.	Calumet	Ice	4	1	5	
Oct. 11	Enteman, Thomas	Calumet	Cigars	3		3	
Oct. 16	Evening Copper Journal	Calumet	Printed matter	4		4	
Oct. 12	Farmers' Cooperative Trading Co.	Calumet	Meats	5		5	
Oct. 10	Fax, George	Calumet	Meats	4		4	
Oct. 12	Finnish Republican Printing Co., The	Calumet	Printed matter	7	2	9	1
Oct. 13	Forster, Henry	Calumet	Shoe repairing	9	1	10	2
Oct. 15	Gasparovich, John	Calumet	Ice cream	1		1	
Oct. 17	Gowan Millinery Co.	Calumet	Millinery	2	4	4	
Oct. 18	Gregorich, Tony	Calumet	Tailoring	2	1	3	
Oct. 17	Grichar, Joseph	Calumet	Meats	2	1	3	
Oct. 9	Grinnell Bros.	Calumet	Pianos	1	1	2	
Oct. 12	Guilbault, E.	Calumet	Jewelry	3		3	
Oct. 12	Haas, A.	Calumet	Beer	3		3	
Oct. 10	Hall, John	Calumet	Clothing	1	1	2	
Oct. 12	Hay, Chas.	Calumet	Laundry	2		2	
Oct. 13	Hopkins, F. W.	Calumet	Bicycle repairing	1		1	
Oct. 9	Hoeking Electric Co.	Calumet	Electrical supplies	7	2	9	
Oct. 17	Houghton County Electric Light Co.	Calumet	Light	19	1	20	
Oct. 11	Ingman, Oscar	Calumet	Blacksmithing	1		1	
Oct. 9	Isaacson, L. & Co.	Calumet	Millinery		2	2	
Oct. 11	Johnson, Michael	Calumet	Vulcanizing	1		1	
Oct. 11	Jova, Henry	Calumet	Meats	5	1	6	
Oct. 10	Keckonen Hardware Co.	Calumet	Hardware	18		18	1
Oct. 11	Kemp, George	Calumet	Shoe repairing	1		1	
Oct. 9	Keweenaw Printing Co.	Calumet	Printed matter	11	3	14	2
Oct. 24	Kinsman, F. M. Bottling Works	Calumet	Soft drinks	3	1	4	1
Oct. 16	Kinsman & Wagner	Calumet	Hardware	4	1	5	1
Oct. 16	LaForest, E.	Calumet	Blacksmithing	1		1	
Oct. 10	Lakeside Flower Shops	Calumet	Flowers	4	2	6	
Oct. 12	Lake Superior Produce Co.	Calumet	Produce	7	1	8	
Oct. 15	Lasalle Copper Co.	Calumet	Copper	111		111	1
Oct. 23	Lean, H. E.	Calumet	Meats	3		3	
Oct. 17	Lee, Him	Calumet	Laundry	3		3	
Oct. 27	Lee, Willie	Calumet	Laundry	2		2	
Oct. 13	Lee, Willie	Calumet	Laundry	3		3	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	<b>HOUGHTON Co.—Con.</b>						
Oct. 16	Lee, Willie	Calumet	Laundry	3		3	
Oct. 15	Levin Jewelry Co.	Calumet	Jewelry	1	1	2	
Oct. 23	McClure, James	Calumet	Auto repairing	9		9	
Oct. 16	McLogan & Pearce	Calumet	Musical merchandise	9	3	12	1
Oct. 16	McRandle, Miss Loretta A.	Calumet	Millinery		3	3	
Oct. 12	Martinmaki, Matt.	Calumet	Tailoring	1		1	
Oct. 16	Michigan Auto Co.	Calumet	Auto repairing	5	1	6	
Oct. 9	Michigan Dye Works	Calumet	Dyeing and repairing	2		2	
Oct. 18	Michigan Garden	Calumet	Ice cream	3	2	5	
Oct. 17	Mutual Water, Light & Power Co.	Calumet	Light and power	16		16	
Oct. 17	Nardi, Joseph	Calumet	Cigars	1		1	
Oct. 9	Nelson, Edward	Calumet	Baked goods	3	6	9	1
Oct. 16	Olson, Sivert Co.	Calumet	Furniture	4		4	
Oct. 16	Orenstein, Jas.	Calumet	Furs	2	5	7	
Oct. 17	Osceola Consolidated Mining Co.	Calumet	Copper	1,141		1,141	
Oct. 10	Paananen, O. W.	Calumet	Tailoring	3	1	4	
Oct. 24	Pabst Brewing Co.	Calumet	Beer	5		5	
Oct. 24	Park Brewing Co.	Calumet	Beer	5		5	
Oct. 23	Peninsula Meat Market	Calumet	Meats	8		8	1
Oct. 23	People's Fuel Co., The.	Calumet	Coal	22	2	24	
Oct. 23	Portage Coal & Dock Co.	Calumet	Coal and wood	11		11	
Oct. 15	Postal Telegraph-Cable Co.	Calumet	Telegraph service	1	1	2	1
Oct. 16	Portagere, Apostle	Calumet	Ice cream	2	1	3	1
Oct. 9	Quello, Mike	Calumet	Meats	3		3	
Oct. 10	Raad, Joseph	Calumet	Ice cream	1		1	
Oct. 17	San Francisco Market, The.	Calumet	Ice cream and fruits	2	2	4	
Oct. 12	Scheuermann Brewery	Calumet	Beer	5		5	
Oct. 18	Scott, Harry S.	Calumet	Printed matter	3		3	1
Oct. 12	Singer Sewing Machine Co.	Calumet	Sewing machines	1	2	3	
Oct. 15	Superior Copper Co.	Calumet	Copper	151		151	
Oct. 13	Superior Meat Market	Calumet	Meats	3		3	
Nov. 15	Tamarack Cooperative Association	Calumet	Meats	19		19	2
Oct. 10	Tommei, Paul	Calumet	Ice cream	1	1	2	
Oct. 18	Turk, Frank	Calumet	Tailoring	2		2	
Oct. 23	Ulseth, Edward	Calumet	Lumber and coal	45	1	46	
Oct. 12	Vienna Bakery	Calumet	Baked goods	13	3	16	2
Oct. 9	Vivian, H. J.	Calumet	Custom clothing	4	1	5	
Oct. 15	Welsing, Miss T. M.	Calumet	Millinery		4	4	
Oct. 16	Western Express Co.	Calumet	Express service	7	1	8	
Oct. 9	Western Union Telegraph Co.	Calumet	Telegraph service	8		8	5
Oct. 11	Wickstrom & Wickstrom	Calumet	Meats	4	1	5	
Oct. 18	Wieder-Cadillac Auto Co.	Calumet	Auto repairing	7		7	
Oct. 18	Wieder Harness Co.	Calumet	Harness	4	1	5	
Oct. 24	Ziegeler Bedding Co.	Calumet	Mattresses	6	1	7	3
Aug. 30	Misslits, W. O.	Chassell	Meats	3		3	
Aug. 30	Warner Garage	Chassell	Auto repairing	3	1	4	
Aug. 30	Worcester Lumber Co., Ltd.	Chassell	Lumber	173	1	174	14
Sept. 27	Franklin Mining Co.	Demmon	Copper	256		256	
Sept. 27	Seager, Jas. H.	Demmon	Meats	5	1	6	
Sept. 27	Weber Chimney Co., The.	Demmon	Concrete chimneys	5		5	
Oct. 5	Baer Bros.	Dollar Bay	Meats	4		4	1
Oct. 5	Dahl, Herman	Dollar Bay	Ice cream	1	2	3	1
Oct. 5	Dollar Bay Lumber Co.	Dollar Bay	Lumber	67	1	68	3
Oct. 5	Foley, Frank W.	Dollar Bay	Copper wire	57		57	1
Oct. 5	Jurnu, Matt	Dollar Bay	Hardware	3		3	
Oct. 5	Lake Superior Smelting Co.	Dollar Bay	Copper	292		292	4
Oct. 5	Lampers, D.	Dollar Bay	Shoe repairing	1		1	
Oct. 5	Marschall, John	Dollar Bay	Meats	1		1	
Oct. 5	Mastoras & Dalietos	Dollar Bay	Ice cream	1	1	2	
Oct. 5	Union Coal Dock	Dollar Bay	Coal	35		35	4

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	HOUGHTON Co.—Con.						
Sept. 22	Abrahams, M.	Hancock	Tailoring	2	1	3	
Sept. 22	Aho, Wilhard	Hancock	Tailoring	2	1	3	
Sept. 14	Armour & Co.	Hancock	Meats	6		6	
Sept. 19	Armstrong-Thielman Lumber Co.	Hancock	Lumber	19	1	20	
Sept. 20	Baer Bros.	Hancock	Meats	7	1	8	1
Sept. 14	Blatz, Val Brewing Co.	Hancock	Beer	3		3	
Sept. 15	Bosch Brewing Co.	Hancock	Beer	4		4	
Sept. 14	Bridgeman-Russell Co.	Hancock	Dairy products	15	1	16	3
Sept. 25	Bronzini, A.	Hancock	Ice cream	1	1	2	
Sept. 24	Central Grocery & Meat Market.	Hancock	Meats	3	1	4	
Sept. 19	Close & Hodgson	Hancock	Flour and feed	5		5	
Sept. 25	Cuff, Ed. D.	Hancock	Electrical supplies	5	1	6	
Sept. 14	Daavettila, Henry E.	Hancock	Tailoring	1	1	2	
Sept. 20	Dale & Nicholas	Hancock	Flowers	6	2	8	
Sept. 13	Divecchio, Gust.	Hancock	Ice cream	1	1	2	
Sept. 24	Donahoue, J. C.	Hancock	Wall paper	3	1	4	
Sept. 25	Dover, Chas.	Hancock	Musical instruments	5	1	6	
Sept. 20	Doyle's Tailor Shop	Hancock	Tailoring	2		2	
Sept. 13	Drouin, Alphonse J.	Hancock	Groceries and meats	3	1	4	
Sept. 14	Duluth Brewing & Malting Co.	Hancock	Beer	4	1	5	
Sept. 20	Evening Copper Journal, The	Hancock	Printed matter	20	5	25	2
Sept. 19	Exley, Paul H.	Hancock	Blacksmithing	11		11	1
Sept. 22	Farmers' Cooperative Trading Co.	Hancock	Meats	6	1	7	1
Sept. 28	Fallon's Garage	Hancock	Auto repairing	4		4	
Sept. 25	Finnish Lutheran Book Concern, The	Hancock	Publishing	19	6	25	3
Sept. 13	Fredd's Vulcanizing Plant	Hancock	Vulcanizing	3		3	
Sept. 21	Funkey Hardware Co.	Hancock	Hardware	3		3	1
Sept. 26	Funkey, William	Hancock	Plumbing	5		5	1
Sept. 22	Gekas, Chas.	Hancock	Ice cream	2	2	4	
Sept. 25	Godfrey, E. R. & Sons Co.	Hancock	Produce	10		10	1
Sept. 25	Grand Union Tea Co.	Hancock	Tea and coffee	3		3	
Sept. 19	Great Lakes Transit Corporation	Hancock	Freight and storage	3		3	
Sept. 24	Grinnell Bros.	Hancock	Pianos, etc.	11	5	16	
Sept. 25	Hamilton, Ed. A.	Hancock	Plumbing	3	1	4	
Sept. 21	Hancock Consolidated Mining Co.	Hancock	Copper	511	2	516	6
Sept. 25	Hancock Lumber Co.	Hancock	Lumber	4		4	
Sept. 21	Hancock Star Bakery	Hancock	Baked goods	16	2	18	1
Sept. 25	Hecker, William H.	Hancock	Paints	3	1	4	
Sept. 22	Hendrickson, John	Hancock	Blacksmithing	4		4	1
Sept. 24	Henry, John	Hancock	Laundry	2		2	
Sept. 13	Holland, Daniel A.	Hancock	Meats	2		2	
Sept. 22	Honkanen, M.	Hancock	Tailoring	1		1	
Sept. 20	Jennings Sisters	Hancock	Millinery		6	6	
Sept. 24	Jonassen, Miss S.	Hancock	Millinery		2	2	
Sept. 13	Kaarlela, Fred.	Hancock	Blacksmithing	1		1	
Sept. 13	Karvonen, John P.	Hancock	Blacksmithing	1		1	
Sept. 20	Kerredge, Wm.	Hancock	Hardware	5		5	1
Sept. 24	Klemetti, Hugo	Hancock	Tailoring	2	1	3	
Sept. 19	Laurell, Theodore	Hancock	Tailoring	3	1	4	
Sept. 24	Laugier Piano Co.	Hancock	Pianos	2	1	3	
Sept. 14	Lehto, Isaac & Sons	Hancock	Meats	8		8	
Sept. 22	Lepisto, N. & Co.	Hancock	Meats	6		6	
Sept. 25	Lieblein, Ed. M.	Hancock	Groceries	29	2	31	1
Sept. 13	Lindquist, Henry	Hancock	Baked goods	4		4	1
Sept. 20	Lung, Chas.	Hancock	Laundry	3		3	
Sept. 14	Lung, On	Hancock	Laundry	1		1	
Sept. 25	McMahon Hat Shop	Hancock	Millinery		3	3	
Sept. 15	Mason, Chas. S.	Hancock	Fuel, grain, etc.	10	2	12	
Sept. 19	Michel's Overall Mfg. Co.	Hancock	Overalls	2	10	12	
Sept. 14	National Bottling Works	Hancock	Soft drinks	3		3	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
HOUGHTON Co.—Con.							
Sept. 25	Niemi, Andrew	Hancock	Shoe repairing	1		1	
Sept. 25	Niemi, John	Hancock	Shoe repairing	2		2	
Sept. 13	Nordstrom, Oscar	Hancock	Meats	3		3	1
Sept. 20	Olgren, Jacob	Hancock	Blacksmithing	2		2	
Sept. 20	Ongie, Mrs. Oscar	Hancock	Ice cream	1	5	6	
Sept. 13	Paoli, Ralph & Co.	Hancock	Macaroni	2		2	
Sept. 14	Park Brewing Co., The	Hancock	Beer	18	1	19	
Sept. 19	Pelto, August	Hancock	Tailoring	3	2	5	
Sept. 25	Petaja, Andrew	Hancock	Furniture	2		2	
Sept. 20	Polkko, Paavo	Hancock	Blacksmithing	1		1	
Sept. 24	Portage Coal & Dock Co., The	Hancock	Coal	34	1	35	
Sept. 25	Pulkkinen, Emil	Hancock	Shoe repairing	5		5	
Sept. 27	Quincy Mining Co.	Hancock	Copper	1,477	6	1,483	10
Oct. 5	Quincy Smelting Works	Hancock	Copper	114	2	116	
Sept. 24	Roche & Maloy	Hancock	Baked goods	3	1	4	1
Sept. 20	Rourke, Richard, Jr.	Hancock	Electrical supplies	2	1	3	
Sept. 14	Sakari, Henry	Hancock	Meats	22	3	25	
Sept. 13	Saxby, C. B.	Hancock	Wood	4		4	2
Sept. 24	Scott's Laundry	Hancock	Laundry	7	13	20	
Sept. 24	Seideman Sign Co.	Hancock	Sign painting	2		2	1
Sept. 25	Shoer, M.	Hancock	Meats	2		2	1
Sept. 19	Starrett Printshop, The	Hancock	Job printing	3	2	5	
Sept. 26	Stodden, Thomas W	Hancock	Auto repairing	4	1	5	
Sept. 24	Sullivan, James	Hancock	Plumbing	3		3	
Sept. 19	Superior Box & Novelty Co.	Hancock	Box shooks	7		7	
Sept. 20	Superior Print Shop	Hancock	Job printing	3		3	1
Sept. 22	Tatas, Mike	Hancock	Shoe repairing	2		2	
Sept. 21	Tillman, A. A. & Co	Hancock	Auto repairing	3		3	
Sept. 22	Vollwerth, Richard	Hancock	Meats	5	1	6	2
Sept. 22	Western Express Co	Hancock	Express service	4	1	5	
Sept. 24	Western Union Telegraph Co.	Hancock	Telegraph service	3	1	4	2
Sept. 13	West Hancock Macaroni Factory	Hancock	Macaroni	1		1	
Sept. 20	Wieder, Benjamin	Hancock	Harness	4		4	
Sept. 25	Williams, Isaac J.	Hancock	Tailoring	2	1	3	
Oct. 6	Atlas Powder Co.	Houghton	Explosives	178	1	179	3
Sept. 12	Carroll, M. J.	Houghton	Auto repairing	5		5	
Sept. 6	Cochran, John A.	Houghton	So't drinks	7	4	11	1
Sept. 10	Colombe Garage, The	Houghton	Auto repairing	2		2	
Sept. 4	Copper Range Railroad Co	Houghton	Car repairing	100		100	
Sept. 5	Copper Range Railroad Co	Houghton	Passenger service	177	5	182	
Sept. 11	Cosby & Jennings	Houghton	Wall paper	2		2	
Sept. 10	Crago & Lauren	Houghton	Tailoring	6		6	
Sept. 6	Cudaby Packing Co., The	Houghton	Meats	6		6	
Sept. 7	Czernkovich, Chas	Houghton	Tailoring	2	2	4	
Sept. 10	Foster Tea Co.	Houghton	Tea	3	1	4	
Sept. 5	Gamble, William	Houghton	Meats	1	1	2	
Sept. 5	Gately-Wiggins Co.	Houghton	Furniture	5	4	9	
Sept. 5	Gekas, Chas	Houghton	Ice cream	4	3	7	
Sept. 5	Gekas, Chas	Houghton	Ice cream and candy	2	2	4	
Sept. 7	Great Lakes Transit Corporation	Houghton	Passenger service	7		7	
Sept. 11	Gundlach, Herman	Houghton	Contracting	16		16	
Sept. 6	Haas, A. Brewing Co.	Houghton	Beer	28		28	
Sept. 7	Hall Electric Co.	Houghton	Electrical supplies	3	1	4	
Sept. 6	Haug, Matt	Houghton	Jewelry	2		2	
Sept. 5	Hildebrandt, Frank	Houghton	Grain, flour, etc.	3		3	
Sept. 6	Hildebrandt, Jacob	Houghton	Shoe repairing	3		3	
Sept. 7	Hobbs, Henry	Houghton	Blacksmithing	5	1	6	
Sept. 10	Houghton Bakery	Houghton	Baked goods	2	1	3	
Sept. 12	Houghton County Electric Light Co.	Houghton	Electricity	74	5	79	
Sept. 12	Houghton County Traction Co.	Houghton	Passenger service	122	2	124	



Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
HOUGHTON Co.—Con.							
Sept. 10	Houghton Hat Shop	Houghton	Ladies' hats		3	3	
Sept. 10	Houghton Pure Food Co., The	Houghton	Meats	3		3	
Sept. 7	Houghton Shoe Hospital	Houghton	Shoe repairing	3		3	
Sept. 10	Houghton Tire & Vulcanizing Plant	Houghton	Vulcanizing	1		1	
Sept. 10	Isle Royale Copper Co.	Houghton	Copper	66		66	1
Sept. 12	Isle Royale Copper Co.	Houghton	Copper	931		931	10
Sept. 6	Krager, S. & Sons	Houghton	Meats	11	1	12	1
Sept. 8	Krellwits, A. L.	Houghton	Picture frames	2		2	
Sept. 5	Lakeside Flower Shop	Houghton	Flowers	1	1	2	
Sept. 4	Lake Superior Produce Co.	Houghton	Produce	26	2	28	18
Sept. 6	Lieberman, S.	Houghton	Custom clothing	1	1	2	
Sept. 11	Lund, A.	Houghton	Custom clothing	2	1	3	
Sept. 5	Mal'roid Trading Co.	Houghton	Feed	5		5	
Sept. 7	Michels, John J.	Houghton	Contracting	35		35	
Sept. 4	Michigan Smelting Co.	Houghton	Copper	189		189	
Sept. 10	Michigan State Telephone Co.	Houghton	Telephone service	10	28	38	
Sept. 8	Mining Gazette Co., The	Houghton	Job printing	40	3	43	3
Sept. 6	Morris & Co.	Houghton	Meats	5		5	
Sept. 6	Needham Bros.	Houghton	Laundry	9	27	36	
Sept. 8	Northern Garage & Supply Co.	Houghton	Auto repairing	19	2	21	
Sept. 14	Ojala Bros.	Houghton	Meats	4	1	5	
Sept. 7	Payne's Market	Houghton	Meats	1		1	
Sept. 12	Peninsula Wholesale Grocery, The	Houghton	Groceries	10	5	15	
Sept. 7	Peoples Market Co., The	Houghton	Meats	7		7	
Sept. 5	Pollock's Shop	Houghton	Musical instruments	1	1	2	
Sept. 7	Portage Lake Hardware Co., Ltd.	Houghton	Hardware	18	2	20	
Sept. 10	Postal Telegraph-Cable Co.	Houghton	Telegraph service	4	1	5	3
Sept. 12	Pryor, James & Son	Houghton	Lumber	4	1	5	
Sept. 6	Roach & Seeber Co.	Houghton	Groceries	21	8	29	1
Sept. 10	Ruelle, John J.	Houghton	Meats	1		1	
Sept. 4	Scheuermann Brewery	Houghton	Beer	25	1	26	
Sept. 12	Service Garage	Houghton	Auto repairing	3		3	
Sept. 11	Shetney, H. & Co.	Houghton	Decorating	7	1	8	
Sept. 5	Sie'ert, Geo. J.	Houghton	Harness	1		1	
Sept. 10	Stoyle, Fred.	Houghton	Plumbing	5		5	
Sept. 6	Swift, I. E. Co.	Houghton	Hardware	10	3	13	
Sept. 5	Twin City Supply Co.	Houghton	Ice	11	1	12	
Sept. 4	VanOrden, M. Co.	Houghton	Coal and feed	22	2	24	1
Sept. 12	Wah, Sam	Houghton	Laundry	3		3	
Sept. 14	Wallenius, John	Houghton	Shoe repairing	1		1	
Sept. 4	Watchorn Print Shop, The	Houghton	Printed matter	1		1	
Sept. 10	Weir, Richard A.	Houghton	Plumbing	3		3	1
Sept. 6	Wells Fargo & Co.	Houghton	Express service	5	1	6	
Sept. 6	Wieber, Ferdinand	Houghton	Meats	8		8	
Oct. 31	Ethier, Joseph	Hubbell	Coal and wood	7		7	
Oct. 31	Frenette Bros.	Hubbell	Meats	3	1	4	
Oct. 31	Hubbell Hardware Co.	Hubbell	Hardware	2	1	3	
Oct. 31	Hebert, E. H.	Hubbell	Meats	3	2	5	
Oct. 31	Hodges, John B.	Hubbell	Meats	5	1	6	
Oct. 31	MacDonald Bros.	Hubbell	Hardware	5		5	
Oct. 31	Opal, Henry	Hubbell	Meats	5	1	6	
Oct. 31	Perreault, O. F.	Hubbell	Cement blocks	4		4	
Oct. 31	Spahn, William	Houghton	Shoe repairing	2		2	
Sept. 11	Champion, E. L.	Hurontown	Groceries	4	1	5	1
Sept. 11	H. H. Cigar Factory	Hurontown	Cigars	3	1	4	
Sept. 11	Liebetau, Ernest	Hurontown	Meats	2		2	
Sept. 11	Rosenberg, C. F.	Hurontown	Shoe repairing	3		3	
Nov. 10	Wolverine Copper Mining Co.	Kearsarge	Copper	343		343	
Nov. 10	Wolverine Meat Co.	Kearsarge	Meats	4	1	5	
Nov. 8	Bailey-Marsh Co.	Lake Linden	Contracting	30		30	6

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	<b>HOUGHTON Co.—Con.</b>						
Nov. 2	Cantin, Nelson	Lake Linden	Hardware	1	1	2	
Nov. 8	Demars, Leo	Lake Linden	Meats	1	1	2	
Nov. 1	Hennes, L. & Co	Lake Linden	Meats	8		9	
Nov. 1	Jilbert, W. C.	Lake Linden	Meats	5	1	6	1
Nov. 9	Lake Linden Bottling Works	Lake Linden	So't drinks	1		1	
Nov. 9	Lake Linden Shoe Hospital	Lake Linden	Shoe repairing	1		1	
Nov. 9	Lake Linden Supply Co.	Lake Linden	Coal and wood	6	1	7	
Nov. 2	Lake Shore Garage	Lake Linden	Auto repairing	3		4	
Nov. 2	Michigan State Telephone Co.	Lake Linden	Telephone service	1	7	8	
Nov. 8	Native Copper Times	Lake Linden	Printed matter	3		3	1
Nov. 2	Pearce Hardware & Furniture Co., Ltd., The	Lake Linden	Hardware, etc	11	2	13	1
Nov. 9	Sing, Quong	Lake Linden	Laundry	2		2	
Nov. 2	Robert, Joseph X	Lake Linden	Meats	3	1	4	
Nov. 9	St. John, Wilfred	Lake Linden	Shoe repairing	2		2	
Nov. 1	Savard Bros	Lake Linden	Custom clothing	1	1	2	
Nov. 1	Schuette & Toupin Hardware Co.	Lake Linden	Hardware	4		4	
Nov. 9	Vine, A. J. & Co	Lake Linden	Motorcycle repairing	2		2	
Nov. 2	Western Express Co	Lake Linden	Express service	2	1	3	
Oct. 27	Barkhausen Oil Co.	Laurium	Oils	3		3	
Oct. 27	Born, M. & Co.	Laurium	Tailoring	1	2	3	
Oct. 27	Bosch Brewing Co	Laurium	Beer	9		9	
Oct. 25	Calumet Carriage Works	Laurium	General repairing	3		3	
Oct. 25	Calumet Gas Co.	Laurium	Gas and coke	12		12	
Oct. 27	Chicago Decorating Co.	Laurium	Decorating	3		3	
Oct. 26	Columbia Steam Laundry	Laurium	Laundry	9	14	23	
Oct. 27	Daily Italian Miner, The	Laurium	Printed matter	3	5	8	
Oct. 26	Dupont, J. F. & Co.	Laurium	Auto repairing	9	1	10	
Oct. 30	Eggen & Hoyem	Laurium	Baked goods	15	2	17	4
Oct. 25	Ervast, Herman	Laurium	Meats	4		4	
Oct. 27	Gourd Bros	Laurium	Meats	4		4	
Oct. 30	Harris, Wm. H.	Laurium	General repairing	1		1	
Oct. 30	Hopf, Fred	Laurium	Shoe repairing	1		1	
Oct. 26	Joe, George	Laurium	Laundry	2		2	
Oct. 26	Kennedy, Tom	Laurium	Tailoring	4	1	5	
Oct. 30	Kotajarvi, August	Laurium	Shoe repairing	1		1	
Oct. 30	Lantz, F. H. & Co.	Laurium	Meats	5	1	6	
Oct. 27	Marta, Battista	Laurium	Meats	2		2	
Oct. 26	Marta, D. Estate	Laurium	Baked goods	3	1	4	
Oct. 30	Milford, W. F.	Laurium	Contracting	58		58	
Oct. 29	Northern Garage Co.	Laurium	General repairing	4	1	5	
Oct. 25	Peninsula Heating & Plumbing Co.	Laurium	Plumbing	20	1	21	
Oct. 30	Rajunen, Frank	Laurium	Shoe repairing	2		2	
Oct. 27	Rastello, J. B.	Laurium	Tailoring	3	2	5	
Oct. 26	Reynolds' Quality Market	Laurium	Meats	9		9	1
Oct. 27	Salicetti & Carbonatto	Laurium	Meats	4	1	5	1
Oct. 30	Salotti, Chas. Dairy Co.	Laurium	Dairy products	3	2	5	
Oct. 27	Seifert, M. W.	Laurium	Cigars	3	1	4	
Oct. 25	Seppala, Mike	Laurium	Tailoring	1	1	2	
Oct. 25	Thistle Bakery	Laurium	Baked goods	4	2	6	1
Oct. 30	Van Orden, M. Co., The	Laurium	Coal and wood	20	1	21	
Oct. 25	Woh, Sam	Laurium	Laundry	2		2	
Oct. 27	York Flower & Millinery Shop, The	Laurium	Flowers and millinery		2	2	
Sept. 27	Quincy Mining Co.	Mason Township	Copper	211		211	12
Oct. 6	Franklin Stamp Mills	Point Mills	Copper	79		79	2
Oct. 13	Lake Milling, Smelting & Refining Co., The	Point Mills	Copper	127		127	
Sept. 27	North, S. D. & Son	Quincy	Meats	8	2	10	1
Sept. 27	Quincy Market	Quincy	Meats	6		6	1
Sept. 27	Scager, Jas. H. & Co	Quincy	Meats	15	1	15	1
Sept. 26	Barkhausen Oil Co.	Ripley	Oils	3		3	
Sept. 26	Houghton Lumber Co.	Ripley	Lumber	50	1	51	7

Factory Inspection.—Continued.

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<b>HOUGHTON Co.—Con.</b>							
Sept. 26	Portage Lake Boiler Works	Ripley	Boilers	6		6	
Sept. 26	Portage Lake Foundry & Machinery Co.	Ripley	Machinery	58	2	60	3
Sept. 26	Slattery, Edward F.	Ripley	Meats	8	2	10	
Sept. 26	Standard Oil Co.	Ripley	Oils	9		9	
Sept. 26	Ward & Williams	Ripley	Brass work	3		3	
<b>HURON COUNTY.</b>							
Nov. 16	Bad Axe Auto Co.	Bad Axe	Auto repairing	4		4	
Nov. 16	Bad Axe Bakery	Bad Axe	Bakcd goods	2	1	3	1
Nov. 16	Bad Axe Grain Co.	Bad Axe	Grain and beans	20	42	62	1
Nov. 16	Bad Axe Light & Water Department.	Bad Axe	Light and water	5		5	
Nov. 16	Bad Axe Lumber Co.	Bad Axe	Lumber	9	1	10	
Nov. 16	Bad Axe Marble & Granite Works	Bad Axe	Monuments	3		3	
Nov. 16	Cornwell Co., The	Bad Axe	Produce	2		2	
Nov. 16	Dow, H. L. & Co.	Bad Axe	Auto repairing	4		4	
Nov. 16	Dunlap Garage Co.	Bad Axe	Auto repairing	7	2	9	
Nov. 16	Farmers Elevator & Produce Co.	Bad Axe	Grain and beans	12	16	28	
Nov. 16	Huron County Tribune, The	Bad Axe	Printed matter	5	1	6	
Nov. 16	Huron Motor Sales Co.	Bad Axe	Auto repairing	3		3	
Nov. 16	Huron Valley Mills	Bad Axe	Flour and feed	4		4	
Nov. 16	International Milk Products Co.	Bad Axe	Dairy products	8		8	
Nov. 16	Kavansgh, J. R.	Bad Axe	Meats	2		2	
Nov. 16	Muller, E. B. & Co.	Bad Axe	Chicory	11	1	12	
Nov. 16	Rapson, Wm. & Sons	Bad Axe	Blacksmithing	4		4	
Nov. 15	Star Laundry	Bad Axe	Laundry	1	3	4	
Nov. 16	Terwilligers' Market.	Bad Axe	Meats	3		3	
Nov. 16	Thumb Bread Co.	Bad Axe	Baked goods	6		6	
Nov. 16	Tripp, B. L. & Sons	Bad Axe	Meats	4	1	5	
Nov. 16	Verloove & Smith	Bad Axe	Blacksmithing	2		2	
Nov. 21	Bay Port Fish Co.	Bay Port	Fish	51		51	
Nov. 21	Gillingham, R. L. Fishing Co.	Bay Port	Fish	52		52	
Nov. 21	Lee, A. B.	Bay Port	Meats	1		1	
Nov. 21	Wallace & Morley Co.	Bay Port	Flour and grain	1	10	11	
Nov. 21	Wallace Stone Co., The	Bay Port	Stone	78		78	
Dec. 4	Caseville Elevator Co.	Caseville	Grain and beans	3	20	23	
Dec. 4	Cleaver, Geo. S.	Caseville	Fish	5		5	
Dec. 4	Cline, J. W.	Caseville	Blacksmithing	2		2	
Dec. 4	Reeves, J. A.	Caseville	Fish	7		7	
Dec. 4	Saginaw Bay Fish Co.	Caseville	Fish	10		10	
Dec. 4	Wilson, W. H.	Caseville	Meats	1		1	
Nov. 19	Allison, William	Elkton	Flour and feed	2		2	
Nov. 19	Elkton Elevator.	Elkton	Grain	3		3	
Nov. 20	Elkton Garage, The	Elkton	Auto repairing	2		2	
Nov. 20	Elkton Light & Water Works	Elkton	Light and water	1		1	
Nov. 20	Elkton Lumber Yards	Elkton	Lumber	1		1	
Nov. 19	Farmers' & Gleaners' Cooperative Elevator & Creamery Co., The	Elkton	Dairy products	4		4	
Nov. 19	Farmers' & Gleaners' Cooperative Elevator & Creamery Co., The	Elkton	Grain and beans	4	16	20	
Nov. 20	Hoffman, J. L.	Elkton	Blacksmithing	1		1	
Nov. 20	Hostetler, Oliver	Elkton	Meats	2		2	
Nov. 20	Huron County Review	Elkton	Printed matter	1		1	
Nov. 20	Rice Bros.	Elkton	Dairy products	3		3	
Nov. 20	Soehner, M. G.	Elkton	Blacksmithing	3		3	
Nov. 20	Stephens, W. J.	Elkton	Harness	1		1	
Nov. 20	Zigler & Heyman	Elkton	Cement	5		5	
Nov. 14	Auto Repair Co.	Harbor Beach	Auto repairing	2		2	
Nov. 13	Dawson & Feick	Harbor Beach	Meats	3		3	
Nov. 14	Farmers Cooperative Creamery	Harbor Beach	Dairy products	2		2	

## Factory Inspection.—Continued.

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<b>HURON Co.—Con.</b>							
Nov. 14	Frame, Chas. H.	Harbor Beach	Lumber	2		2	
Nov. 14	Frame, Smith & Frame	Harbor Beach	Fish	4		4	
Nov. 13	Hamlin, Thomas	Harbor Beach	Auto repairing	2		2	
Nov. 13	Hamlin, Thomas	Harbor Beach	Meats	2		2	
Nov. 14	Harbor Beach News	Harbor Beach	Printed matter	1	1	2	
Nov. 14	Harbor Beach Steam Laundry	Harbor Beach	Laundry	2	2	4	
Nov. 14	Harbor Beach Times, The	Harbor Beach	Printed matter	3		3	
Nov. 14	Harbor Beach Water Works	Harbor Beach	Water	2		2	
Nov. 14	Hollander, John	Harbor Beach	Fish	8		8	
Nov. 14	Hurkett, Oscar	Harbor Beach	Fish	19		19	
Nov. 14	Huron Milling Co., The	Harbor Beach	Wheat & corn products	278	14	292	
Nov. 13	Prescott, Ben C.	Harbor Beach	Baked goods		2	2	
Nov. 13	Producers' Elevator Co.	Harbor Beach	Grain and beans	2		2	
Nov. 13	Reuter, Joseph	Harbor Beach	Baked goods	2		2	
Nov. 14	Reynolds, M. S.	Harbor Beach	Fish	11		11	
Nov. 13	Ritchie, J. D.	Harbor Beach	Blacksmithing	2		2	
Nov. 14	Wellock, Robinson	Harbor Beach	Lumber	2		2	
Nov. 14	Wheaton, Jay	Harbor Beach	Fish	3		3	
Nov. 26	Farmers' Cooperative Grain Co.	Kinde	Grain and beans	4	15	19	
Nov. 26	Kinde Elevator Co.	Kinde	Grain and hay	3	30	33	
Nov. 26	Kinde Lumber Yard	Kinde	Lumber	3		3	
Nov. 26	Storbeck, O. W.	Kinde	Auto repairing	2		2	
Nov. 26	Visitor, The	Kinde	Printed matter	1		1	
Dec. 4	Michigan Bean Co.	Owendale	Grain and beans	4	21	25	
Dec. 4	Owendale Herald, The	Owendale	Printed matter	1		1	
Dec. 4	Ritter, Thomas	Owendale	Blacksmithing	2		2	
Nov. 4	Warner Dairy Co.	Owendale	Dairy products	2		2	
Nov. 20	Cooperative Elevator & Milling Assn.	Pigeon	Flour and grain	6	10	16	
Nov. 20	Diebel, John	Pigeon	Lumber	8		8	
Nov. 20	Diebel Auto Co.	Pigeon	Auto repairing	3		3	
Nov. 20	Harder Garage & Salesroom	Pigeon	Auto repairing	4	1	5	
Nov. 21	Huron County Creamery Co.	Pigeon	Dairy products	2		2	
Nov. 20	Pigeon Elevator Co., The	Pigeon	Grain	1	11	12	
Nov. 21	Pigeon Lumber Co.	Pigeon	Lumber	3		3	
Nov. 21	Pigeon Progress, The	Pigeon	Printed matter	2		2	
Nov. 20	Warner Dairy Co.	Pigeon	Dairy products	1		1	
Nov. 21	Wright, C. O.	Pigeon	Meats	3		3	
Nov. 27	Ender, Gustav	Port Austin	Blacksmithing	1		1	
Nov. 27	Huron Canning Co.	Port Austin	Canned goods	9	10	19	4
Nov. 27	Mayes, M. H.	Port Austin	Meats	3		3	
Nov. 27	Port Austin Fish Co., The	Port Austin	Fish	5		5	
Nov. 27	Port Austin News, The	Port Austin	Printed matter	1	1	2	
Nov. 27	Port Austin Water Works	Port Austin	Water	1		1	
Nov. 27	Wallace Co., The	Port Austin	Grain	2	10	12	
Nov. 27	Wallace Co., The	Port Austin	Grindstones	36		36	
Nov. 15	Hubbard, Joseph	Port Hope	Meats	2		2	
Nov. 15	Meligan, F. J.	Port Hope	Auto repairing	3		3	
Nov. 15	Port Hope Elevator	Port Hope	Grain	2	24	26	
Nov. 15	Port Hope Lumber Co.	Port Hope	Lumber	5		5	
Nov. 15	Port Hope Telephone Co.	Port Hope	Telephone service	1	2	3	
Nov. 15	Stafford Milling Co.	Port Hope	Flour and grain	3		3	
Nov. 13	Ruth Creamery Co., The	Ruth	Dairy products	3		3	
Nov. 13	Ruth Milling Co., The	Ruth	Flour and feed	2		2	
Nov. 13	Wagner Bros.	Ruth	Auto repairing	2		2	
Nov. 22	Braun, Joshua	Sebewaing	Auto repairing	3		3	
Nov. 22	City Meat Market	Sebewaing	Meats	1		1	
Nov. 22	Gompert, C.	Sebewaing	Fish	2		2	
Nov. 22	Gremel & Schnepf	Sebewaing	Auto repairing	3		3	
Nov. 22	Huron County Brewing Co.	Sebewaing	Beer	6		6	
Nov. 22	Liken, John C. & Co.	Sebewaing	Grain	1		1	

Factory Inspection.—Continued.

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<b>HURON Co.—Con.</b>							
Nov. 22	Liken, John C. & Co.	Sebawaing	Flour	5	1	6	
Nov. 22	Michigan Sugar Co.	Sebawaing	Sugar	208	6	214	
Nov. 22	Sebawaing Blade, The	Sebawaing	Printed matter	1	1	2	
Nov. 22	Sebawaing Creamery	Sebawaing	Dairy products	1		1	
Nov. 22	Sebawaing Lumber Co.	Sebawaing	Lumber	3		3	
Nov. 22	Sebawaing Sandstone Brick Co., The	Sebawaing	Brick	19	1	20	
Nov. 22	Star Meat Market	Sebawaing	Meats	2		2	
Nov. 22	Thompson, James H.	Sebawaing	Blacksmithing	1		1	
Nov. 22	Bukoski Bros.	Uby	Plumbing	3		3	
Nov. 24	Corey, David.	Uby	Lumber	2		2	
Nov. 23	Hires Condensed Milk Co.	Uby	Condensed milk	53	10	63	
Nov. 24	Miller, John H.	Uby	Meats	1		1	
Nov. 24	Uby Courier, The	Uby	Printed matter	1	1	2	
Nov. 23	Uby Grain Co.	Uby	Grain	2	20	22	
Nov. 24	Uby Motor Sales Co.	Uby	Auto repairing	4		4	
Nov. 24	Zulauf, J. C.	Uby	Flour and feed	2		2	
<b>INGHAM COUNTY.</b>							
July 20	Abraham, Chas. & Co.	Lansing	Meats	2		2	
Aug. 15	Acme Carpet Cleaning Co., The	Lansing	Carpet cleaning	2	2	4	
Mar. 13	Acme Engine Co., The	Lansing	Gasoline engines	17	1	18	
July 12	Adams Express Co.	Lansing	Express service	16	2	18	
May 14	Afeldt, John & Sons	Lansing	Meats	7	1	8	
May 8	Allen & DeKleine Co.	Lansing	Job printing	8	12	20	
July 12	Allen-Sparks Gas Light Co.	Lansing	Gas lights	6	2	8	
July 11	American Dry Cleaning Co.	Lansing	Cleaning and pressing	2		2	
Aug. 8	American Express Co.	Lansing	Freight	22	1	23	
May 11	American Laundry	Lansing	Laundry	10	38	48	
July 19	American Seeding Machine Co.	Lansing	Implements	2	1	3	
July 23	Armstrong, W. W. & Co.	Lansing	Plumbing	6		6	
April 4	Atlas Drop Forge Co.	Lansing	Drop forges	152	1	153	
Mar. 12	Auto Body Co., The	Lansing	Auto bodies	1,247	5	1,252	24
Mar. 15	Auto Wheel Co.	Lansing	Auto wheels	184	1	185	9
July 14	Avenue Garage, The	Lansing	Auto repairing	6		6	
July 24	Bailey, Orla H.	Lansing	Meats	3	1	4	
July 19	Bailey & Bailey	Lansing	Meats	5		5	
April 9	Bannasch, Rudolf	Lansing	Blacksmithing	4		4	
April 19	Barker-Cole Electric Co.	Lansing	Electrical supplies	34	2	36	
Aug. 6	Barnes, Will L.	Lansing	Plumbing	7	1	8	
Aug. 15	Barratt, Wm.	Lansing	Baked goods	8		8	
July 23	Bascom & Smith	Lansing	Sport goods	3	1	4	
April 27	Bates & Edmonds Motor Co.	Lansing	Gasoline engines	105	2	107	
Mar. 16	Bates Tractor Co.	Lansing	Tractors	9	2	11	
June 1	Bauerle Candy Co.	Lansing	Candy, etc.	8		8	
May 3	Bean Spray Pump Co.	Lansing	Spray pumps	15	2	17	1
April 18	Bement Stove Repair Co.	Lansing	Stove repairing	2	1	3	
July 17	Bender, Frank D.	Lansing	Patterns	2		2	
July 20	Bennett, C. D.	Lansing	Meats	3		3	1
Mar. 13	Bennett-Buick Auto Co.	Lansing	Auto repairing	5		5	
Aug. 14	Benriter, Geo. W.	Lansing	Decorating	11	2	13	
May 7	Bike Shop, The	Lansing	Motorcycle repairing	3		3	
Aug. 16	Birney Electric Co., The	Lansing	Electrical supplies	7		7	
May 2	Bishop, A. G.	Lansing	Dry cleaning, dyeing, etc.	6	2	8	
July 17	Blanken & Clark	Lansing	Baked goods	2	2	4	
May 1	Board of Public Works	Lansing	Electricity	68	4	72	
May 1	Board of Public Works	Lansing	Water	84	3	87	
May 7	Bohnet, W. F. Electric Co.	Lansing	Electrical supplies	6		6	
May 24	Bohnet, John & Co.	Lansing	Upholstering	18	2	20	

## Factory Inspection.—Continued.

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<b>INGHAM Co.—Con.</b>							
July 18	Bopp Bros	Lansing	Meats	5		5	
Mar. 13	Bopp, Gottfried	Lansing	Blacksmithing	3		3	
May 28	Borden's Condensed Milk Co.	Lansing	Condensed milk	34	14	48	
Mar. 12	Breisch, Christian & Co.	Lansing	Grain and beans	4		4	
Mar. 12	Breisch, Christian & Co.	Lansing	Flour and feed	11	2	13	
Mar. 12	Breisch, Christian & Co.	Lansing	Grain and beans	5	50	55	
May 14	Brenner, C. J.	Lansing	Plumbing	3		3	
July 24	Briggs, J. S.	Lansing	Meats	3		3	
July 11	Briggs Co., The	Lansing	Building supplies	9	4	13	
May 29	Buffalo Pitts Co.	Lansing	Machinery	3	1	4	
Mar. 13	Bunday Bedding Co., The	Lansing	Mattresses	4	1	5	
May 1	Burnett, Miss F.	Lansing	Gowns		5	5	
Mar. 16	Cahill Coal Co.	Lansing	Coal and wood	12		12	
July 20	Campeau, L. J.	Lansing	Meats	3	2	5	
July 21	Canrike, F. S.	Lansing	Cigars	1		1	
July 14	Capital Auto Co.	Lansing	Auto repairing	12	2	14	
July 18	Capitol Baking Co.	Lansing	Baked goods	5	1	6	1
Sept. 13	Capitol Castings Co.	Lansing	Castings	39		39	
May 1	Capitol City Coal Co.	Lansing	Coal and wood	3		3	
May 5	Capitol Coal Co.	Lansing	Coal and wood	3	1	4	
July 12	Capitol City Creamery	Lansing	Butter	3		3	
May 29	Capitol Electric Supply Co.	Lansing	Electrical supplies	6	4	10	
July 19	Capitol City Lumber Co., The	Lansing	Lumber	15		15	
May 29	Capitol Pressing Parlors	Lansing	Pressing, etc.	1	1	2	
July 28	Capitol Storage & Transfer Co.	Lansing	Storage and cartage	3	1	4	
July 19	Case, J. I. Threshing Machine Co.	Lansing	Machinery	7	2	9	
July 11	Castle Bakery	Lansing	Baked goods	2	1	3	
May 14	Central Welding Co.	Lansing	Welding	2	1	3	
July 30	Clapham, R. M. & F. E.	Lansing	Meats	4	1	5	
May 9	Christie & Brown	Lansing	Blacksmithing	4		4	
May 2	Christie & Brown	Lansing	Trucks	5		5	
April 23	Citizens Telephone Co.	Lansing	Telephone service	44	31	75	
July 19	Clark, A. J.	Lansing	Meats	4		4	
July 14	Clarkson-Blanding	Lansing	Auto repairing	11		11	
July 20	Clever Bros	Lansing	Cement blocks	4		4	
May 10	Clippert-SpaULDing Co.	Lansing	Brick	32	1	33	
July 11	Cogswell, John H.	Lansing	Patterns	5		5	
May 4	Cohen & Barry	Lansing	Coal and wood	5	1	6	
May 2	Colc, C. F.	Lansing	Auto repairing	2		2	
May 2	Connor, C. A. Ice Cream Co.	Lansing	Ice cream	5	1	6	
May 5	Consumers Coal & Supply Co.	Lansing	Coal and wood	4	1	5	
May 3	Consumers Power Co.	Lansing	Electricity	2		2	
May 2	Cortright, R. E. & Co.	Lansing	Auto repairing	8	1	9	
July 18	Cove Lumber & Finish Co.	Lansing	Lumber	8		8	
May 11	Cressy's Beauty Shop	Lansing	Beauty shop		2	2	
May 3	Dail Steel Products Co.	Lansing	Steel products	34	9	43	
July 17	Daisy Market	Lansing	Meats	4		4	
Mar. 12	Darling, A. M. Coal Co.	Lansing	Coal and wood	9		9	
July 24	Daschner's	Lansing	Meats	4		4	
May 7	Davis Laundry	Lansing	Laundry	6	12	18	
May 29	Davis Ice Cream Co.	Lansing	Ice cream	8		8	
July 23	Deere, John Plow Co.	Lansing	Implements	15	2	17	
July 20	Dehn, Frank	Lansing	Meats	5	2	7	2
July 10	Dejue, W. A.	Lansing	Cigar boxes	6	7	13	
July 27	Detroit Beef Co.	Lansing	Meats	10		10	
July 13	Detroit Electric Welder Co.	Lansing	Welding	31	10	41	1
July 20	Donnelly & Kinney Coal Co.	Lansing	Coal	5	1	6	
Aug. 13	Driscoll, L. A.	Lansing	Coal	7		7	
June 1	Dubois & Hughes	Lansing	Grain and feed	6	1	7	
May 4	Dudley Paper Co., The	Lansing	Paper	12	4	16	

## Factory Inspection.—Continued.

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INGHAM Co.—Con.							
Mar. 13	Dunham, Paul E.	Lansing	Implements.	3		3	
May 11	Dunnebacke, A. J.	Lansing	Blacksmithing.	2		2	
July 28	Dunnebacke, H. J.	Lansing	Blacksmithing.	1		1	
Aug. 8	D. & A. Sales Co.	Lansing	Auto repairing.	4		4	
June 1	Electric Service Co., The.	Lansing	Electrical supplies.	5	1	6	
Aug. 7	Elliott Grocer Co.	Lansing	Wholesale groceries.	14	2	16	
Mar. 15	Eureka Machine Co.	Lansing	Concrete mixers.	18	2	20	
July 28	Finkbiner Bros.	Lansing	Blacksmithing.	4		4	
June 1	Fitzgerald, J. E.	Lansing	Plumbing.	5	1	6	
May 11	Fleming, James.	Lansing	Plumbing.	7	1	8	
May 1	Fox Garment Co.	Lansing	Skirts.	2	16	18	
Aug. 6	Franklin Printery.	Lansing	Printing.	2		2	
Aug. 6	Freedman, H. H.	Lansing	Cigars.	4	1	5	
May 14	Friedland Iron & Metal Co.	Lansing	Junk.	35	9	44	
April 18	Gardner Printing Co.	Lansing	Job printing.	2	1	3	
July 16	Gauss, Stephen.	Lansing	Baked goods.	9	2	11	1
May 23	Gerson & Carey.	Lansing	Castings.	42		42	
Mar. 13	Gier Pressed Steel Co.	Lansing	Steel stampings.	213	29	242	
May 1	Gifford Engine Co.	Lansing	Air compressors.	22	2	24	
July 27	Godfrey Pattern Works.	Lansing	Patterns.	4		4	
July 16	Goodrich, E. W.	Lansing	Furnaces.	4		4	
July 27	Grand Trunk Railway.	Lansing	Transportation.	32	2	34	
April 18	Gray, Myles F.	Lansing	Job printing.	2	1	3	
May 14	Gregory, G. H.	Lansing	Tinning, etc.	7	1	8	
July 18	Green's Fish Market.	Lansing	Fish.	2		2	1
May 10	Gross Bros.	Lansing	Plumbing.	15		15	
May 1	Hager Lumber Co.	Lansing	Lumber.	9		9	
July 17	Hall Lumber Co., The.	Lansing	Lumber.	21	1	22	
May 8	Hammond Publishing Co.	Lansing	Job printing.	4	5	9	
Oct. 11	Hankow Tea Co., The.	Lansing	Tea and coffee.	1	2	3	
Oct. 11	Hankow Tea Co., The.	Lansing	Tea and coffee.	1	1	2	
Aug. 6	Heiler, Fred & Son.	Lansing	Cigars.	6	1	7	
May 2	Hermann's, John Sons.	Lansing	Custom tailoring.	14	5	19	
April 16	Hinz-Truxell Auto Sales Co.	Lansing	Auto repairing.	13	1	14	
July 17	Hoelzle, G. & Sons.	Lansing	Custom tailoring.	4	2	6	
May 28	Huber Manufacturing Co., The.	Lansing	Machinery.	4	1	5	
July 18	Hull Print.	Lansing	Printing.	1	1	2	
July 7	Hunt, M. H. & Son.	Lansing	Bee supplies.	3	1	4	
April 26	Hunt, M. H. & Son.	Lansing	Gas engines.	85	4	89	
July 12	Ideal Engine Co.	Lansing	Gas engines.	5	2	7	
April 17	International Publishing Co.	Lansing	Job printing.	5	2	7	
May 3	Isbell-Brown Co.	Lansing	Grain and beans.	4	52	56	
April 26	Jackson, Oscar F.	Lansing	Job printing.	8	2	10	
May 7	Jaeger, C. C.	Lansing	Tire vulcanizing.	3		3	
July 10	Jarvis Engine & Machine Works.	Lansing	Boilers.	12	1	13	
July 23	Johnson, J. F.	Lansing	Meats.	3	1	4	
July 19	Johnson Harvester Co., The.	Lansing	Farm implements.	2	3	5	
May 29	Johnson Shoe Shop.	Lansing	Shoe repairing.	3		3	
May 7	Kinyon & Frappier.	Lansing	Produce.	5		5	
May 3	Keokuk Canning Co.	Lansing	Pickles.	5	6	11	
May 23	Keystone Welding Co.	Lansing	Welding.	6		6	
May 10	Kneeland, Mrs. Carrie.	Lansing	Millinery.		4	4	
May 14	Kopiets, G. C.	Lansing	Meats.	4		4	
July 12	Korff Mfg. Co.	Lansing	Hardware.	14	1	15	
July 27	Kowalk, Ernest.	Lansing	Blacksmithing.	3		3	
June 1	Lansing Auto Co.	Lansing	Auto repairing.	6		6	
May 8	Lansing Body Co., The.	Lansing	Wood bodies.	96	1	97	
April 19	Lansing Battery Shop.	Lansing	Batteries.	3		3	
July 27	Lansing Carpet Cleaning Co., The.	Lansing	Carpet cleaning.	6		6	
Mar. 13	Lansing Cast Stone Block Co.	Lansing	Cement blocks.	6		6	
Jan. 22	Lansing Chemical Co.	Lansing	Chemicals.	55	1	56	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>INGHAM Co.—Con.</b>							
April 26	Lansing Co.....	Lansing.....	Wheelbarrows.....	383	21	404	11
July 18	Lansing Creamery Co.....	Lansing.....	Dairy products.....	4		4	
July 11	Lansing Cut Glass Works.....	Lansing.....	Cut glass.....	2	1	3	
May 3	Lansing Foundry Co.....	Lansing.....	Castings.....	230	12	242	
Jan. 23	Lansing Fuel & Gas Co.....	Lansing.....	Gas.....	87	10	97	
April 18	Lansing Garage & Sales Co.....	Lansing.....	Auto repairing.....	9	1	10	
July 11	Lansing Granite Co.....	Lansing.....	Monuments.....	5		5	
May 11	Lansing Laundry Co.....	Lansing.....	Laundry.....	20	60	80	
July 13	Lansing Motor & Pump Co.....	Lansing.....	Pumps.....	6	1	7	
May 9	Lansing Pure Ice Co.....	Lansing.....	Ice.....	26	1	27	
July 10	Lansing Road Supply Co.....	Lansing.....	Steel culverts.....	3		3	
July 12	Lansing Shirt Co.....	Lansing.....	Shirts.....	2	9	11	
May 24	Lansing Stamping & Tool Co.....	Lansing.....	Stamping.....	41	17	58	
May 7	Lansing Storage Co.....	Lansing.....	Storage and cartage.....	4	1	5	
May 2	Lansing Taxi Co.....	Lansing.....	Passenger service.....	21	1	22	
July 11	Lansing Tent & Awning Co.....	Lansing.....	Tents and awnings.....	3	2	5	
June 1	Larrabee, J. H.....	Lansing.....	Sport goods.....	4		4	
May 24	Lawrence, Geo. E. & Son.....	Lansing.....	Baked goods.....	34	5	39	
April 23	Lawrence & Van Buren Printing Co.....	Lansing.....	Job printing.....	9	2	11	
May 7	Leadley, Frank G.....	Lansing.....	Plumbing.....	13	1	14	
July 12	Lesher Cigar Mfg. Co.....	Lansing.....	Cigars.....	2	31	33	
April 23	Lindell Die & Tool Co.....	Lansing.....	Dies and tools.....	11		11	
May 4	Loepki, Chas. Garage.....	Lansing.....	Auto repairing.....	5		5	
July 19	Longcor, M. A.....	Lansing.....	Meats.....	3		3	
July 16	Longstreet Lumber Co.....	Lansing.....	Lumber.....	35		35	
July 9	Lyons, Hugh Co.....	Lansing.....	Store fixtures.....	73	7	80	
July 23	McConnell, Frank.....	Lansing.....	Meats.....	5	1	6	2
July 24	McElmurry, G. W.....	Lansing.....	Meats.....	5	1	6	1
May 4	McNaughton, L. J.....	Lansing.....	Shoe repairing.....	3		3	
Aug. 13	Machus Co., The.....	Lansing.....	Baked goods.....	3	4	7	
May 14	Manne, Emma J.....	Lansing.....	Millinery.....		2	2	
May 11	Markey, James.....	Lansing.....	Monuments.....	2	1	3	
May 11	Markey, James.....	Lansing.....	Passenger service.....	4		4	
May 28	Martin, R. & Co.....	Lansing.....	Cement blocks.....	7		7	
July 23	Meagher, John.....	Lansing.....	Coal and wood.....	5	1	6	
July 28	Meas, Theodore G.....	Lansing.....	Custom tailoring.....	3	1	4	
Oct. 11	Michigan Brass & Electric Co.....	Lansing.....	Electric fixtures.....	3	2	5	
April 26	Michigan Brass & Iron Works, The.....	Lansing.....	Castings.....	11	1	12	
July 10	Michigan Bridge & Pipe Co.....	Lansing.....	Culverts, etc.....	8	2	10	
July 13	Michigan Butter & Egg Co.....	Lansing.....	Produce.....	7	4	11	
Aug. 6	Michigan Central Railroad Co.....	Lansing.....	Freight.....	37	6	43	
July 16	Michigan Crank Shaft Co.....	Lansing.....	Crank shafts.....	65		65	1
July 19	Michigan Fruit Co., The.....	Lansing.....	Fruits.....	5	1	6	
April 28	Michigan Power Co.....	Lansing.....	Electricity and heat.....	40	4	44	
Aug. 7	Michigan Railway Co.....	Lansing.....	Passenger and freight.....	201		201	
April 16	Michigan Rubber Repair Co.....	Lansing.....	Tire repairing.....	2		2	
July 10	Michigan Screw Co.....	Lansing.....	Screw machinery products.....	331	3	334	12
July 17	Michigan Sheet Metal Works.....	Lansing.....	Sheet metal.....	11		11	
July 12	Michigan Shirt Co.....	Lansing.....	Shirts.....	2	4	6	
Aug. 15	Michigan State Telephone Co.....	Lansing.....	Telephone service.....	1	79	80	
April 18	Michigan Supply Co.....	Lansing.....	Plumbing supplies.....	12	3	15	
May 5	Miller Coal Co.....	Lansing.....	Coal and wood.....	5		5	
April 16	Mills Auto Sales Co.....	Lansing.....	Auto repairing.....	3		3	
May 9	Mindel, A.....	Lansing.....	Hides and tallow.....	3		3	
May 14	Model Laundry.....	Lansing.....	Laundry.....	4	5	9	
Mar. 16	Moers Boiler Works.....	Lansing.....	Boilers.....	4		4	
May 10	Moore, F. W.....	Lansing.....	Coal and wood.....	3		3	
July 23	National Biscuit Co.....	Lansing.....	Biscuits and crackers.....	4		4	
April 26	National Coil Co.....	Lansing.....	Electrical supplies.....	121	33	154	
May 4	National Grocery Co.....	Lansing.....	Wholesale groceries.....	15	2	17	



THIRTY-FIFTH ANNUAL REPORT.

187

Factory Inspection.—Continued.

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	INGHAM Co.—Con.						
July 20	Nemoka Wood Work Co.	Lansing	Wood working	5		5	
May 28	New York Central Railroad Co.	Lansing	Freight	15		15	
Mar. 16	New Way Motor Co., The	Lansing	Gasoline engines	198	15	211	10
July 17	Nichols, A. J.	Lansing	Woodworking	11		11	
April 23	Northrup, Robertson & Carrier	Lansing	Wholesale groceries	22	9	31	
May 14	North Side Printing Co., The	Lansing	Job printing	3		3	
Mar. 15	Novo Engine Co.	Lansing	Gasoline engines	434	11	445	4
May 14	Noyes, Wm. C.	Lansing	Plumbing	4	1	5	
July 27	Oberlin Sheet Metal Works	Lansing	Furnaces and tinning	3		3	
April 18	Olds Motor Works	Lansing	Automobiles	1,071	132	1,203	1
Aug. 11	O'Mara, J. D.	Lansing	Custom tailoring	4	3	7	
May 10	Palace Market, The	Lansing	Meats	3	1	4	
Aug. 16	Parr, John F.	Lansing	Coal and grain	5		5	
July 20	Paul & Son	Lansing	Meats	3		3	
May 5	Pere Marquette R. R. Co.	Lansing	Freight	30	2	32	
April 19	Perry-Barker Candy Co.	Lansing	Candy	5	1	6	
July 16	Peterson, G. F.	Lansing	Feed	1		1	
July 17	Piowaty, M. & Sons	Lansing	Produce	6	1	7	
May 28	Plummer, P. G.	Lansing	Thrashing machines	4		4	
Aug. 6	Polar Ice Cream Co.	Lansing	Ice cream	3		3	
April 16	Porter's Garage	Lansing	Auto repairing	3		3	
Aug. 15	Postal Telegraph Co.	Lansing	Telegraph service	6	1	7	3
May 5	Pregulman Bros. Packing Co.	Lansing	Meats	13	1	14	
July 16	Preston, J. M. Co.	Lansing	Silos	5	1	6	
May 23	Pritchard Coal Co.	Lansing	Coal and wood	3		3	
Mar. 16	Prudden, W. K. & Co.	Lansing	Auto wheels	1,037	6	1,043	10
June 1	Quality Bakery	Lansing	Baked goods	6	1	7	
May 11	Quality Print Shop	Lansing	Job printing	4	1	5	
June 1	Quarmby & Sons	Lansing	Painting, etc.	9		9	
May 10	Queen Bee Cigar Co.	Lansing	Cigars	2		2	
June 1	Raff, A. M.	Lansing	Custom tailoring	1	2	3	
May 2	Rapid Transit Cartage & Messenger Service	Lansing	Messenger service	2		2	
May 10	Reed, H. L.	Lansing	Feed, grain, etc.	2		2	
July 9	Reliance Engineering Co.	Lansing	Auto supplies	195	8	203	4
May 2	Remez, Wm. H.	Lansing	Custom tailoring	2		2	
April 30	Reo Motor Car Co.	Lansing	Automobiles	5,131	268	5,399	25
April 23	Reo Service Station	Lansing	Auto repairing	154	1	155	
May 2	Rice, E. E. & Co.	Lansing	Dry cleaning, etc.	3	4	7	
May 8	Rikers' Dry Cleaning & Dyeing Works	Lansing	Dry cleaning, etc.	3	3	6	
April 27	Rikerd Lumber Co.	Lansing	Lumber	88		88	
May 14	Rikerd Lumber Co.	Lansing	Lumber	10		10	
May 29	Ripley & Gray Printing Co.	Lansing	Job printing	9	4	13	
May 14	Robertson, E. L.	Lansing	Patent medicines	2		2	
June 1	Roller, A. C.	Lansing	Meats	5	1	6	
May 14	Rork, M. D.	Lansing	Woodworking	2		2	
May 29	Ross Electric Shoe Repairing	Lansing	Shoe repairing	2		2	
May 29	Rounsaville, F. N.	Lansing	Trucking	26		26	
Mar. 13	Ryan, John	Lansing	Feed, grain, etc.	2		2	
April 17	Saier, Harry	Lansing	Flowers	10	4	14	
July 18	Saier, Wm.	Lansing	Meats	2	1	3	
July 20	Sanitary Cleaners & Dyers	Lansing	Cleaning and pressing	5	2	7	
May 2	Savage, F. R.	Lansing	Custom tailoring	2	1	3	
July 23	Sattler Cigar Co., The	Lansing	Cigars	3	1	4	
Aug. 15	Scheidt, S. H.	Lansing	Cigars	1	2	3	
Mar. 11	Schlee, J. G. & Co.	Lansing	Grain and seeds	2		2	
July 23	Schmitke, C. M.	Lansing	Meats	2		2	1
May 8	Schneider, J. C.	Lansing	Job printing, etc.	5		5	
May 2	Schultz, W. S.	Lansing	Upholstering	2		2	
July 14	Shields, Thomas J.	Lansing	Plumbing	13	2	15	
July 23	Shivley, A. T.	Lansing	Meats	2	1	3	

## Factory Inspection.—Continued.

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INGHAM Co.—Con.							
April 16	Shivley, Ernest M.	Lansing	Auto repairing	6		6	
July 8	Shubel, Chas.	Lansing	Shoe repairing	4		4	
May 11	Sibley, Miss	Lansing	Millinery		2	2	
July 23	Silver Lead Paint Co., The	Lansing	Paints	17	1	18	
May 4	Simons Sales Co., The	Lansing	Auto sales room	4	2	6	
May 27	Simons Sales Co., The	Lansing	Auto repairing	12		12	1
July 12	Simpson & Fuller	Lansing	Produce	4	1	5	
April 26	Simon, A. Iron Co	Lansing	Junk	27	1	28	
July 14	Sleight, J. P. Coal Co.	Lansing	Coal	10	1	11	
July 20	Smith, T. J.	Lansing	Meats	5		5	
May 12	Smith, Robert Printing Co.	Lansing	Printing and binding	101	34	135	5
Aug. 8	Snell, A. J.	Lansing	Custom tailoring	2		2	
Aug. 15	Southcombe, Fred M.	Lansing	Custom tailoring	2	1	3	
July 16	South Lansing Coal Co.	Lansing	Coal	6	1	7	
July 16	South Side Printery, The	Lansing	Job printing	1		1	
June 1	Square Deal Paint Co.	Lansing	Paints	18	1	19	
May 14	Standard Casting Co.	Lansing	Castings	36		36	
May 23	Standard Oil Co.	Lansing	Oil, etc.	11		11	
July 30	Star Bakery	Lansing	Baked goods	5		5	
May 10	Star-Crystal Laundry	Lansing	Laundry	8	17	25	
April 23	State Journal Co., The	Lansing	Printed matter	55	10	65	5
July 16	Strang, C. J. Printing Co., The	Lansing	Job printing	4	2	6	1
May 24	Strudley, F. C. & Son	Lansing	Plumbing	6	1	7	
May 8	Sullivan & Co.	Lansing	Soft drinks	6		6	
April 17	Thoman Milling Co.	Lansing	Flour and feed	10		10	
May 14	Thompson & Kyes	Lansing	Plumbing	9	1	10	
April 19	Toolan, John	Lansing	Plumbing	7	1	8	
Aug. 15	Tracy Auto Tire Repair Co.	Lansing	Tire repairing	2		2	
May 3	United Engine Co.	Lansing	Gasoline engines	16	13	29	
May 7	Union Taxicab Co.	Lansing	Taxi service	8		8	
May 2	Union Garage	Lansing	Auto repairing	5	1	6	
May 11	Valet Dry Cleaning & Pressing Co.	Lansing	Dry cleaning, etc.	1	1	2	
May 7	Van Buren, E.	Lansing	Meats	7	1	8	
July 23	VanDervoort Hardware Co.	Lansing	Hardware	17	6	23	
April 18	Wagenvoord & Co.	Lansing	Book binding	9	10	19	
May 14	Walker, A. P. & Son	Lansing	Meats	5	1	6	
Mar. 13	Walters & Son	Lansing	Auto repairing	3		3	
May 14	Walton Milling Co.	Lansing	Flour and feed	3	1	4	
May 29	Ward, E. H.	Lansing	Furnaces and tinning	13		13	
May 14	Ward, Frank	Lansing	Auto repairing	5		5	
Oct. 10	Watkins, J. T.	Lansing	Coffee	2	1	3	
Aug. 13	Wenz, Wm. Co., The	Lansing	Painting	6		6	
Aug. 8	Wershow, S. M.	Lansing	Ladies' tailoring	7	7	14	
July 17	West, Thos.	Lansing	Baked goods	10	2	12	
Aug. 15	Western Union Telegraph Co.	Lansing	Telegraph service	25	10	35	12
July 18	West Side Grocery & Market	Lansing	Meats and provisions	1		1	
July 19	Wilder, F. C.	Lansing	Meats	5		5	1
May 10	Wilson, H. L.	Lansing	Harness	3		3	
Aug. 14	Wilson, Tom	Lansing	Tailoring	3		3	
July 28	Winans, N. H. & Sons	Lansing	Milk	28	1	29	
July 23	Wise, W. Maynard	Lansing	Meats	3	1	4	
April 16	Wolverine Auto Sales Co.	Lansing	Auto repairing	12	1	13	
May 28	Woods Bros. Silo & Mfg. Co.	Lansing	Silos	9	1	10	
Aug. 15	Wolverine Rug Co.	Lansing	Rugs	2		2	
May 28	Wolverine Sales Book Co.	Lansing	Job printing, etc.	11	4	15	
May 2	Wolverine Trucking Co.	Lansing	Cartage	5		5	
April 17	Wynkoop, Hallenbeck & Crawford Co.	Lansing	Job printing	55	13	68	
July 12	Young Bros. & Daley	Lansing	Feed and grain	14	3	17	
May 9	Ziegler, G. H.	Lansing	Leather	3		3	
July 24	Bailey, Fanny E.	Leslie	Millinery		2	2	

Factory Inspection.—Continued.

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INGHAM Co.—Con.							
July 6	Holiday Lumber Co., The.	Leslie.	Lumber.	4		4	1
July 24	Howe, H. E.	Leslie.	Blacksmithing.	1		1	
July 6	Leslie Creamery.	Leslie.	Butter.	2		2	
July 6	Leslie Elevator Co.	Leslie.	Grain and produce.	3	18	21	
July 6	Leslie Grain & Produce Co.	Leslie.	Grain and produce.	3	14	17	
July 24	Local Republican, The.	Leslie.	Printing.	2	2	4	
July 24	St. Clair Garage.	Leslie.	Auto repairing.	2		2	
July 24	Scotfield Bros.	Leslie.	Meats.	3		3	
July 24	Wood, Maud.	Leslie.	Millinery.		1	1	
July 5	American Steam Laundry.	Mason.	Laundry and baths.	1	1	2	
July 24	Baldwin, B. B.	Mason.	Blacksmithing.	2		2	
July 15	Barr, D. G.	Mason.	Auto repairing.	5	1	6	
July 5	Clipper's Sanitary Bakery.	Mason.	Baked goods.	3	3	6	
July 24	Critchett & Spanier.	Mason.	Meats.	4		4	
July 5	Grow, W. G.	Mason.	Grain and produce.	3		3	
July 24	Ingham County News.	Mason.	Printing.	4	2	6	
July 24	Lincoln & Porter.	Mason.	Millinery.		2	2	
July 5	Mason City Water Works.	Mason.	Water.	3		3	
July 5	Mason Elevator Co.	Mason.	Grain and produce.	4	16	20	
July 5	Mason Garage Co.	Mason.	Auto repairing.	4		4	
July 5	Mason Milling Co.	Mason.	Flour and feed.	2	1	3	
July 24	Michigan State Telephone Co.	Mason.	Telephone service.	1	4	5	
July 24	Mickelson, C. P.	Mason.	Lumber.	3	1	4	
July 24	Millbury & Bell.	Mason.	Monuments.	3		3	
July 24	Necly, C. M.	Mason.	Millinery.		3	3	
July 24	Rayner, Robbins B.	Mason.	Coal and wood.	4		4	
July 24	Rodman, H. S.	Mason.	Meats.	1		1	
Aug. 10	Central City Market.	Stockbridge.	Meats.	2		2	
Aug. 10	DePuy, C. E. Co., The.	Stockbridge.	Grain and beans.	2	16	18	
Aug. 10	Gardner Light Co., The.	Stockbridge.	Electricity and water.	2		2	
Aug. 10	Glenn, J. F.	Stockbridge.	Auto repairing.	3		3	
Aug. 10	Reeves, W. G.	Stockbridge.	Auto repairing.	6	1	7	
Aug. 10	Stockbridge Brief-Sun.	Stockbridge.	Printing.	2		2	
Aug. 10	Stockbridge Creamery.	Stockbridge.	Butter.	2		2	
Aug. 10	Stockbridge Elevator Co.	Stockbridge.	Grain and beans.	3	13	16	
Aug. 10	Taylor, C.	Stockbridge.	Feed.	1		1	
July 25	Artic King Cold Storage Co.	Williamston.	Butter and eggs.	4	3	7	
July 25	Bivins, W. B.	Williamston.	Milk products.	1		1	
July 26	Casey & Smith.	Williamston.	Blacksmithing.	2		2	
July 26	Corwin, O. D.	Williamston.	Beans.	3	13	16	
July 25	Crapo Lumber Co.	Williamston.	Lumber.	5	1	6	
July 26	Gorsline Bros.	Williamston.	Auto repairing.	4	1	5	
July 26	Goyt, C. H.	Williamston.	Meats.	2		2	
July 25	Linn Produce Co.	Williamston.	Grain and beans.	3	25	28	
July 26	Maher & Laberteaux.	Williamston.	Meats.	3		3	
July 26	Smith, Roy S.	Williamston.	Blacksmithing.	2		2	
July 26	Stewart & Pfeifle.	Williamston.	Flour and feed.	3		3	
July 26	Thompson, H. A. Co., The.	Williamston.	Printing.	4	2	6	
July 25	Williamston Elevator Co.	Williamston.	Grain and hay.	2		2	
July 26	Williamston Illuminating Co.	Williamston.	Electricity.	2		2	
July 26	Williamston News, The.	Williamston.	Printing.	2		2	
Aug. 14	Chapin-Sacks Mfg. Co.	Webberville.	Milk products.	16	1	17	
July 25	Dallao, John.	Webberville.	Lumber and coal.	2		2	
July 25	Robert, Thorn.	Webberville.	Grain and beans.	3	22	25	
July 25	Webberville Index, The.	Webberville.	Printing.	1	1	2	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
IONIA COUNTY.							
Aug. 13	Adams Express Co.	Belding.	Express service.	2		2	
Aug. 10	Ames & Unger.	Belding.	Auto repairing.	4		4	
Aug. 14	Banner Publishing Co.	Belding.	Printing.	7	3	10	1
Aug. 11	Belding Basket Co.	Belding.	Baskets.	50	1	51	4
Aug. 15	Belding Bros. & Co.	Belding.	Silk thread.	95	179	274	10
Aug. 15	Belding Bros. & Co.	Belding.	Silk thread.	75	279	354	8
Aug. 15	Belding Bros. & Co.	Belding.	Silk fabrics.	30	100	130	4
Aug. 16	Belding City Water Works	Belding.	Water.	3		3	
Aug. 13	Belding Coal & Ice Co.	Belding.	Coal and ice.	8	2	10	
Aug. 13	Belding Delivery Co.	Belding.	Delivery service.	3		3	
Aug. 15	Belding Foundry Co.	Belding.	Castings.	11		11	
Aug. 15	Belding Gas Works	Belding.	Gas.	4		4	
Aug. 17	Belding-Hall Co.	Belding.	Refrigerators.	169	4	173	
Aug. 17	Belding-Hall Co.	Belding.	Refrigerators.	65		65	
Aug. 13	Belding Hardware Co.	Belding.	Hardware.	4		4	
Aug. 10	Belding Lumber Co.	Belding.	Lumber.	6	1	7	
Aug. 11	Belding Mercantile Co.	Belding.	Implements.	2		2	
Aug. 11	Belding News, The.	Belding.	Printing.	4	1	5	
Aug. 16	Brown, Arthur.	Belding.	Paper and paints.	7		7	
Aug. 15	Citizens Light Co.	Belding.	Light and power.	2		2	
Aug. 16	Citizens Telephone Co.	Belding.	Telephone service.	1	9	10	
Aug. 15	City Bakery, The.	Belding.	Faked goods.	4		4	
Aug. 16	Clarke, Wm. J.	Belding.	Monuments.	3		3	
Aug. 16	County Poster Service, The.	Belding.	Advertising.	3	1	4	
Aug. 10	Grand Rapids Brass Co.	Belding.	Brass trimmings.	11	1	12	
Aug. 14	Grand Rapids Paper Box Co.	Belding.	Paper boxes.	6	36	42	4
Aug. 13	Herald Publishing Co., The.	Belding.	Printing.	3	5	8	1
Aug. 13	Hudson, F. H. Bakery.	Belding.	Baked goods.	2		2	
Aug. 15	Ireland, T. Frank Co.	Belding.	Hardware.	4		4	1
Aug. 15	Kendall, E. L.	Belding.	Lumber.	2		2	
Aug. 10	Kiskey's Garage.	Belding.	Auto repairing.	2		2	
Aug. 16	Knapp, E. J. & Co.	Belding.	Roofing.	3		3	
Aug. 14	Loewe, H. A.	Belding.	Merchant tailoring.	1		1	
Aug. 10	Lyppe Bros. Garage.	Belding.	Auto repairing.	2		2	
Aug. 15	Michigan State Telephone Co.	Belding.	Telephone service.	1		1	
Aug. 13	Model Bakery.	Belding.	Meats.	4		4	
Aug. 10	Murray & Co.	Belding.	Auto repairing.	3	1	4	
Aug. 11	Pleasant St. Market.	Belding.	Meats.	3		3	
Aug. 10	Porter, Wess.	Belding.	Blacksmithing.	4		4	
Aug. 16	Rex Upholstering Co.	Belding.	Upholstering.	3		3	
Aug. 14	Richardson Silk Co.	Belding.	Silk thread.	77	199	276	10
Aug. 13	Rummler, E. E.	Belding.	Merchant tailoring.	2	2	4	
Aug. 15	Salsman & Sons.	Belding.	Merchant tailoring.	2		2	
Aug. 13	Schmidt, Arnold A.	Belding.	Shoe repairing.	1		1	
Aug. 13	Silk City Steam Laundry.	Belding.	Laundry.	4	5	9	
Aug. 13	Smith, G. M.	Belding.	Plumbing.	1	1	2	
Aug. 14	Spencer Electric Light & Power Co.	Belding.	Light and power.	5	1	6	
Aug. 14	Stanton & Sabine.	Belding.	Millinery.		3	3	
Aug. 13	Ward, Wm. R.	Belding.	Meats.	2		2	
Aug. 10	Weter-Wise Co., The.	Belding.	Machinery.	3		3	
Aug. 10	Wise & Cobb.	Belding.	Auto repairing.	7		7	
Aug. 31	Citizens Telephone Co.	Clarksville.	Telephone service.	1	3	4	
Aug. 31	Dillenbeck, Chas.	Clarksville.	Blacksmithing.	1		1	
Aug. 31	Hansen, G. B. & Son.	Clarksville.	Blacksmithing.	3		3	
Aug. 31	Hines, J. F.	Clarksville.	Shoe repairing.	1		1	
Aug. 31	Jordan, J.	Clarksville.	Meats.	2	1	3	
Aug. 31	Rising, E. A. & Son.	Clarksville.	Auto repairing.	3		3	
Aug. 14	Storey, Bert J.	Cooks Corners.	Blacksmithing.	2		2	
Aug. 21	Bennett, C. K. & Son.	Hubbardston.	Lumber.	5		5	
Aug. 21	Dodson & Grill.	Hubbardston.	Meats.	2		2	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
IONIA Co.—Con.							
Aug. 22	Gardner, A. W.	Hubbardston	Blacksmithing.	2		2	
Aug. 21	Hubbardston Milling Co.	Hubbardston	Flour and feed.	7		7	
Aug. 21	Kelly, R. J.	Hubbardston	Auto repairing.	5		5	
Aug. 22	Strickling, T. S., Jr.	Hubbardston	Blacksmithing.	1		1	
Aug. 4	Adams Express Co.	Ionias	Express service.	2		2	
Aug. 8	Arnold's, G. W. Son.	Ionias	General repairing.	5		5	
July 31	Austin & Darling.	Ionias	Butter.	6	1	7	
Aug. 2	Baker, Frank.	Ionias	Meats.	3		3	
July 31	Barrett Cigar Co., The.	Ionias	Cigars.	12	5	17	1
Aug. 4	Benedict-Buick Co.	Ionias	Auto repairing.	6	1	7	
Aug. 3	Caine, Miss A. F.	Ionias	Millinery.		4	4	
Aug. 7	Cash Market.	Ionias	Meats.	1		1	
Aug. 7	Cheney, R. M.	Ionias	Harness.	2		2	
Aug. 2	Church & Hardy.	Ionias	Renovating feathers.	2		2	
July 31	City Bakery.	Ionias	Baked goods.	3	2	5	
Aug. 7	City Cleaning Parlors.	Ionias	Tailoring and cleaning.	3	2	5	
Aug. 4	Citizens Telephone Co.	Ionias	Telephone service.	2	11	13	
Aug. 8	City Shoe Hospital.	Ionias	Shoe repairing.	2		2	
Aug. 2	Collier & Greenhoe.	Ionias	Meats.	2		2	
Aug. 3	Cooper, Harriet L.	Ionias	Millinery.		5	5	
Aug. 3	Corner Market, The.	Ionias	Meats.	2		2	
Aug. 7	Fisher & Vincent.	Ionias	Blacksmithing.	2		2	
Aug. 2	Gable, Henry.	Ionias	Plumbing.	4	1	5	
Aug. 9	Gilley & Farnham.	Ionias	Delivery service.	8		8	
July 31	Hale, Jonathan & Sons.	Ionias	Flour and feed.	10		10	
Aug. 7	Harter, W. A.	Ionias	Cigars.	2		2	
Aug. 1	Hayes-Ionia Co.	Ionias	Auto bodies.	381	5	386	
Aug. 3	Holbrook, J. A.	Ionias	Plumbing.	4	1	5	
Aug. 7	Humphreys & Kilmartin.	Ionias	Millinery.		2	2	
Aug. 2	Ionia City Steam Laundry Co.	Ionias	Laundry.	3	3	6	
July 31	Ionia Egg & Poultry Co.	Ionias	Poultry and eggs.	2	4	6	
Aug. 2	Ionia Floor-Board Co.	Ionias	Auto wood parts.	107	2	109	4
Aug. 1	Ionia Gas Light & Coke Co., The.	Ionias	Gas and coke.	10	1	11	
Aug. 3	Ionia Hardware Co., The.	Ionias	Plumbing.	10		10	
Aug. 7	Ionia Lumber Co.	Ionias	Building material.	4	1	5	
Aug. 1	Ionia Pottery Co.	Ionias	Pottery.	30	1	31	
Aug. 3	Ionia Sentinel, The.	Ionias	Printing.	8	1	9	
Aug. 8	Ionia Vulcanizing Co.	Ionias	Vulcanizing.	2	1	3	
Aug. 2	Ionia Water Power Electric Co.	Ionias	Power and light.	7	1	8	
Aug. 2	Ireland, Chas. A.	Ionias	Plumbing.	6	1	7	
Aug. 3	Jones Cash Market.	Ionias	Meats.	2		2	
Aug. 8	Kelly, Daniel P.	Ionias	Tailoring.	1		1	
Aug. 7	Klenk, J. C.	Ionias	Cigars.	2	1	3	
Aug. 2	Kuhts Laundry.	Ionias	Laundry.	2	8	10	
Aug. 9	Lange, E. C.	Ionias	Cigars.	3	1	4	
Aug. 3	Lombard, Harry.	Ionias	Coal and wood.	3		3	
Aug. 7	Longe, W. G. & Son.	Ionias	Meats.	4		4	
Aug. 8	McKee, A. L.	Ionias	Monuments.	2		2	
Aug. 8	McLaren, J. D. Co., Inc.	Ionias	Grain and beans.	3	10	13	
Aug. 7	McVeigh, L. B.	Ionias	Shoe repairing.	3		3	
Aug. 1	Marshall-Wright Lumber Co.	Ionias	Lumber.	10	1	11	
Aug. 7	Michigan State Telephone Co.	Ionias	Telephone service.	3	11	14	
Aug. 2	Miller & Ashe.	Ionias	Auto repairing.	6	1	7	
Aug. 3	National Express Co.	Ionias	Express service.	4		4	
July 31	Ogilvie Auto Co.	Ionias	Auto repairing.	8	1	9	
July 31	Page, W. C.-Wirts Co.	Ionias	Coal.	10		10	
July 31	Pere Marquette Railroad Co.	Ionias	Car repairing.	196		196	1
July 31	Prairie Creek Ice Co.	Ionias	Ice.	9		9	
Aug. 3	Rector Bakery, The.	Ionias	Baked goods.	5	2	7	
Aug. 8	Redemsky, R. L.	Ionias	Coal and wood.	6	1	7	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
IONIA Co.—Con.							
Aug. 2	Scherdt Bros.	Ionia	Blacksmithing.	3		3	
Aug. 2	Schneider, E. J.	Ionia	Baked goods.	2	1	3	
July 31	Scully, A.	Ionia	Cigars	3		3	
Aug. 2	Smith, K. R.	Ionia	Produce.	2	12	14	
Aug. 1	Sorosia Garment Co.	Ionia	Ladies garments.	9	61	70	1
Aug. 2	Stafford, E. H. Mfg. Co.	Ionia	Furniture.	275	19	294	15
Aug. 3	Standard, The.	Ionia	Printing.	5	2	7	
Aug. 1	Standard Oil Co.	Ionia	Oil products.	5		5	
Aug. 9	Stilwell's Furniture Hospital.	Ionia	Furniture repairing.	2		2	
Aug. 8	Thomas, E. W.	Ionia	Electrical supplies.	4	1	5	
Aug. 4	Vincent, Delbert L.	Ionia	Flowers.	3	2	5	
Aug. 8	Walters, David H.	Ionia	Blacksmithing.	2		2	
Aug. 4	Welker, C. H.	Ionia	Auto repairing.	5		6	
Aug. 2	Ypsilanti Reed Furniture Co.	Ionia	Reed furniture.	518	203	721	24
Aug. 29	Badger, M. & A.	Lake Odessa.	Millinery.		2	2	
Aug. 28	Belcher, G. W.	Lake Odessa.	Blacksmithing.	1		1	
Aug. 29	Bennett, W. H. & Co.	Lake Odessa.	Auto repairing.	5	1	6	1
Aug. 28	Caswell & De Maranville.	Lake Odessa.	Auto repairing.	4		4	
Aug. 28	Citizens Telephone Co.	Lake Odessa.	Telephone service.	1	5	6	
Aug. 29	Dailey, Chas.	Lake Odessa.	Blacksmithing.	2		2	
Aug. 30	Dann Printing & Publishing Co., The.	Lake Odessa.	Printing.	5	2	7	
Aug. 28	Erndt, Eugene.	Lake Odessa.	Shoe repairing.	1		1	
Aug. 29	Farmers Grain & Produce Co.	Lake Odessa.	Beans and grain.	3	20	23	
Aug. 29	Garlinger Market.	Lake Odessa.	Meats.	2		2	
Aug. 30	Haddix, B.	Lake Odessa.	Meats.	2		2	
Aug. 29	Hildinger, Frank J.	Lake Odessa.	Farm products.	2		2	
Aug. 29	Kart, C. S.	Lake Odessa.	Auto repairing.	4	1	5	
Aug. 29	Kart's Flouring Mills.	Lake Odessa.	Flour and feed.	3		3	
Aug. 29	Lake Odessa Milk Co.	Lake Odessa.	Condensed milk.	29	2	31	2
Aug. 28	Lake Odessa Steam Laundry.	Lake Odessa.	Laundry.	1	4	5	
Aug. 30	Lake Odessa Water Works.	Lake Odessa.	Water.	2		2	
Aug. 28	Michigan State Telephone Co.	Lake Odessa.	Telephone service.	2	8	10	
Aug. 29	Orndorff, E. F.	Lake Odessa.	General repairing.	1		1	
Aug. 29	Pugh, Fred F.	Lake Odessa.	Blacksmithing.	2		2	
Aug. 28	Rasmussen, J. L.	Lake Odessa.	Baked goods.	3		3	
Aug. 29	Reiser, Geo. F.	Lake Odessa.	Lumber and coal.	3		3	
Aug. 30	Ritter & Scheidt.	Lake Odessa.	Plumbing.	5		5	
Aug. 28	Robinson, Harry C.	Lake Odessa.	Meats.	2		2	
Aug. 29	Rogers, Jas. & Son.	Lake Odessa.	Auto repairing.	2		2	
Aug. 30	Steele, Miss Edna.	Lake Odessa.	Flowers and vegetables.	1	2	3	
Aug. 28	Thornburn, Florence E.	Lake Odessa.	Millinery.		3	3	
Aug. 29	Smith Bros., Velte & Co.	Lake Odessa.	Grain and beans.	5	36	41	
Aug. 29	Ward & Thomas.	Lake Odessa.	Furnaces.	2		2	
Aug. 20	Bowes Auto Co.	Lyons.	Auto repairing.	3		3	
Aug. 20	Consumers Power Co.	Lyons.	Light and power.	3		3	
Aug. 17	Fox Elevator Co., The.	Lyons.	Grain and feed.	3		3	
Aug. 20	Hendershot, Harry.	Lyons.	Blacksmithing.	1		1	
Aug. 20	Lyons Herald, The.	Lyons.	Printing.	1	1	2	
Sept. 7	McKay, F. B.	Lyons.	Wood and coal.	4		4	
Aug. 20	Seymour, Irving.	Lyons.	Blacksmithing.	1		1	
Aug. 17	Shoemaker, J. H.	Lyons.	Meats.	1		1	
Aug. 17	Steele, F. W.	Lyons.	Meats.	2		2	
Aug. 22	Union Telephone Co.	Lyons.	Telephone service.		3	3	
Aug. 18	Douglass, Dayton.	Muir.	Blacksmithing.	3		3	
Aug. 20	Muir Weekly Tribune, The.	Muir.	Printing.	1		1	
Aug. 18	Rice, J. W.	Muir.	Meats.	1	2	3	
Aug. 18	Stott, C. M.	Muir.	Grain and beans.	3	18	21	
Aug. 27	Crothers, W. J.	Orleans.	Harness.	1		1	
Aug. 27	Earles, W. H. Cheese Co.	Orleans.	Cheese.	2		2	
Aug. 27	Esaston Independent Telephone Co.	Orleans.	Telephone service.	1	2	3	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	IONIA Co.—Con.						
Aug. 27	Hoppough, Eugene	Orleans	Auto repairing	2		2	
Aug. 27	Morgan, Judson	Orleans	Blacksmithing	1		1	
Aug. 27	Palmer, J. K.	Orleans	Meats	1	1	2	
Aug. 27	Wardrop & Robertson Co.	Orleans	Grain and feed	4	11	15	
Aug. 21	Gee, Eric	Pewamo	Meats	2		2	
Aug. 21	Pewamo Creamery Co.	Pewamo	Butter	2		2	
Aug. 21	Pewamo Elevator Co.	Pewamo	Grain and beans	5		5	
Aug. 21	Pewamo Hardware Co.	Pewamo	Hardware	4		4	1
Aug. 21	Pewamo Harness Shop	Pewamo	Harness	2		2	
Aug. 21	Shafer, Jos. J.	Pewamo	Blacksmithing	1		1	
Aug. 22	Union Telephone Co., The	Pewamo	Telephone service	2	2	4	1
Aug. 21	Waigle, James R.	Pewamo	Auto repairing	2		2	
Aug. 23	Bater, John	Portland	Blacksmithing	2		2	
Aug. 22	Budd, Clark	Portland	Shoe repairing	1		1	
Aug. 24	Builders' Lumber & Supply Co.	Portland	Building supplies	1		1	
Aug. 24	Burtch, G. P.	Portland	General repairing	1		1	
Aug. 24	Citizens Telephone Co.	Portland	Telephone service	1	8	9	
Aug. 23	City Bakery	Portland	Baked goods	2	1	3	
Aug. 23	Davis, Will	Portland	Blacksmithing	2		2	
Aug. 24	Farmers' Elevator Co.	Portland	Farm products	3	21	24	
Aug. 23	Heleker, G. W.	Portland	Auto repairing	2		2	
Aug. 24	Hickey, Thos.	Portland	Merchant tailoring	1		1	
Aug. 24	Hickey, Thos.	Portland	Produce	2		2	
Aug. 24	Lakin, C. D.	Portland	Poultry and eggs	1		1	
Aug. 25	Laughray Silo Co.	Portland	Silos	16		16	
Aug. 25	Lewellyn Bean Co.	Portland	Beans	4	31	35	
Aug. 25	Manning Delivery & Dray Line	Portland	Delivery service	3		3	
Aug. 25	Michigan State Telephone Co.	Portland	Telephone service	1	5	6	
Aug. 24	Newman, Ass.	Portland	Coal and wood	2		2	
Aug. 23	Peake & Young	Portland	Meats	3		3	
Aug. 22	Plant, Claud	Portland	Meats	2		2	
Aug. 23	Portland City Laundry	Portland	Laundry	1	2	3	
Aug. 24	Portland Elevator Co.	Portland	Grain and lumber	7	20	27	
Aug. 24	Portland Foundry Co.	Portland	Castings	2		2	
Aug. 23	Portland Garage	Portland	Auto repairing	4	1	5	
Aug. 23	Portland Granite & Marble Works	Portland	Monuments	1		1	
Aug. 23	Portland Milling Co.	Portland	Flour and feed	20		20	
Aug. 25	Portland Observer, The	Portland	Printing	3	1	4	
Aug. 24	Portland Review, The	Portland	Printing	3		3	
Aug. 24	Portland Light & Power Co.	Portland	Light and power	4		4	
Aug. 24	Portland Water Works	Portland	Water	2		2	
Aug. 24	Ramsey-Alton Mfg. Co.	Portland	Furniture	54	14	68	
Aug. 24	Ruseman, A. F.	Portland	Blacksmithing	2		2	
Aug. 24	Terriff Perfect Washer Co., The	Portland	Washing machines	4	1	5	
Aug. 25	Verity Mfg. Co.	Portland	Garment hangers	3	1	4	
Aug. 23	Wilhelm, Lewis	Portland	Harness	3		3	
Aug. 24	Wolverine Soap Co.	Portland	Soap	7	5	12	
Aug. 23	Wolverine Washing Machine Co.	Portland	Washing machines	2		2	
Sept. 8	Adgate, Earle C.	Saranac	Meats	2		2	
Sept. 8	Advertiser, The	Saranac	Printing	2	2	4	
Sept. 18	Billinger, M. & Son	Saranac	General repairing	2		2	
Sept. 8	Bussier & Co.	Saranac	Baked goods	2	1	3	
Sept. 18	Citizens Telephone Co.	Saranac	Telephone service	1	4	5	
Sept. 18	Farmers Cooperative Creamery	Saranac	Butter	4		4	
Sept. 8	Fixit Garage	Saranac	Auto repairing	2	1	3	
Sept. 8	Huhn, D. G. Co., The	Saranac	Flour and feed	3		3	
Sept. 8	Kelly, Lewis & Son	Saranac	Feed and flour	2		2	
Sept. 18	Mercer, T. G.	Saranac	Grain	2		2	
Sept. 8	Nead, Leon	Saranac	Blacksmithing	2		2	
Sept. 18	Norton, H.	Saranac	Meats	2		2	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>IONIA Co.—Con.</b>							
Sept. 8	Olmstead, R.	Saranac	Blacksmithing.	2		2	
Sept. 8	Otis, A. E. & Co.	Saranac	Farm implements.	2		2	
Sept. 18	Saranac Produce Co.	Saranac	Beans and potatoes.	2		2	
Sept. 8	Scheidt, Earl F.	Saranac	Machine repairing.	2		2	
Aug. 14	Smyrna Flouring Mills.	Smyrna	Flour.	3		3	
<b>IOSCO COUNTY.</b>							
Aug. 8	United States Gypsum Co.	Alabaster.	Gypsum products.	141		141	
Aug. 7	Betz & Lockhart.	Au Sable.	Fish.	14	1	15	
Aug. 7	Colbath Bros.	Au Sable.	Fish.	3		3	
Aug. 7	Fletcher Bros.	Au Sable.	Fish.	3		3	
Aug. 7	Solomon, Hayes, Cowley Co.	Au Sable.	Lumber.	44		44	
Aug. 6	Bonney's, C. A. Garage.	East Tawas.	Auto repairing.	3		3	1
Aug. 7	Christeson, Andrew B.	East Tawas.	Meats and provisions.	2		2	1
Aug. 6	Curry, Chas.	East Tawas.	Coal and wood.	8		8	
Aug. 7	Dean, Mrs. F. E.	East Tawas.	Millinery.		2	2	
Aug. 6	Detroit & Mackinac Railway Co.	East Tawas.	Operating department.	19	7	26	
Aug. 7	Durant & Adams' Garage.	East Tawas.	Auto repairing.	4		4	
Aug. 8	East Tawas Water Works.	East Tawas.	Water.	3		3	
Aug. 6	Gardner & Richards.	East Tawas.	Lumber.	31		31	1
Aug. 7	Jackson, C. R.	East Tawas.	Printing.	1		1	
Aug. 6	Kunze & Appin.	East Tawas.	Meats and groceries.	4		4	
Aug. 6	La Berge, R. A.	East Tawas.	Shoe repairing.	1		1	
Aug. 6	Merschel, Andrew.	East Tawas.	Hardware.	1		1	
Aug. 7	Poppleton, Henry.	East Tawas.	Custom clothing.	1		1	
Aug. 6	Richards, F. H.	East Tawas.	Hardware.	1		1	
Aug. 7	Schill, Chas. W.	East Tawas.	Cigars.	1	1	2	
Aug. 7	Tawas Fish Co.	East Tawas.	Fish.	4		4	
Aug. 6	Turner J. A.	East Tawas.	Ice cream, etc.	1		1	
Aug. 9	Hale Elevator Co.	Hale.	Grain and produce.	2		2	
Aug. 7	Christeson, Al. J.	Oscoda.	Meats.	1		1	
Dec. 19	Consumers Power Co.	Oscoda.	Power and light.	276	1	277	
Aug. 7	Hennigar, C. S.	Oscoda.	Auto repairing.	3		3	
Aug. 6	Barkman Lumber Co.	Tawas City.	Lumber.	15	1	16	3
Aug. 6	Buckle, H. W.	Tawas City.	Hardware.	1		1	
Aug. 6	Detroit & Mackinac Railway Co.	Tawas City.	Repair shop.	195	2	197	2
Aug. 6	Ferguson, Stephen.	Tawas City.	Meats.	3		3	1
Aug. 6	Johnson, L. L.	Tawas City.	Millinery.		1	1	
Aug. 6	Johnson, C.	Tawas City.	Fish.	4		4	
Aug. 6	Miller, Frank.	Tawas City.	Blacksmithing.	1		1	
Aug. 6	Prescott, C. H. & Sons.	Tawas City.	Hardware.	3		3	1
Aug. 6	Steinhurst, A. W.	Tawas City.	Harness.	1		1	
Aug. 6	Tawas Butter Co.	Tawas City.	Butter, etc.	2		2	
Aug. 6	Tawas Herald, The.	Tawas City.	Printing.	3	2	5	1
Aug. 6	Wilson Grain Co.	Tawas City.	Grain.	4		4	
Aug. 9	Leslie, James.	Whittemore.	Auto supplies & repairing.	2		2	
Aug. 9	Whittemore Elevator Co.	Whittemore.	Grain.	2	1	3	
<b>IRON COUNTY.</b>							
Dec. 20	Apostle Mfg. Co.	Crystal Falls.	Candy and ice cream.	2	3	5	
Dec. 20	Bauer, John & Son.	Crystal Falls.	Hardware.	3		3	
Dec. 21	City Shoe Hospital.	Crystal Falls.	Shoe repairing.	2		2	
Dec. 21	Crystal Falls Cooperative Society.	Crystal Falls.	Meats.	10	4	14	
Dec. 27	Crystal Falls Creamery Association.	Crystal Falls.	Dairy products.	1		1	
Dec. 19	Crystal Falls Lumber Co.	Crystal Falls.	Lumber and fuel.	2	1	3	
Dec. 27	Diamond Drill, The.	Crystal Falls.	Printing.	3	1	4	
Dec. 26	F. & A. Lumber Co., The.	Crystal Falls.	Lumber.	3		3	
Dec. 20	Finnish & Swedish Mercantile Co.	Crystal Falls.	Meats.	2		2	
Dec. 20	Henry, L. A.	Crystal Falls.	Furniture.	2		2	



## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 10 years of age.
	Iron Co.—Con.						
Dec. 26	Iron County Lumber & Fuel Co.	Crystal Falls	Lumber and fuel	6		6	
Dec. 21	Jacobs, A.	Crystal Falls	Ice cream, etc.		1	3	1
Dec. 26	Jay, Yep.	Crystal Falls	Laundry				
Dec. 21	Maki, Ivar.	Crystal Falls	Tailoring				
Dec. 21	Osterberg & Co.	Crystal Falls	Meats and groceries	7	2	9	
Dec. 20	Quinnesec Iron Mining Co., The	Crystal Falls	Iron ore	53		53	
Dec. 20	Quinnesec Iron Mining Co., The	Crystal Falls	Iron ore	136		136	
Dec. 20	Quinnesec Iron Mining Co., The	Crystal Falls	Iron ore	129		129	
Dec. 20	Quinnesec Iron Mining Co., The	Crystal Falls	Iron ore	237		237	
Dec. 27	Star Bakery, The	Crystal Falls	Baked goods	4	1	5	
Dec. 19	Sterling Spring Water Co.	Crystal Falls	Soft drinks	1		1	
Dec. 21	Stolberg, John R.	Crystal Falls	Custom tailoring	6		6	
Dec. 27	Tuft, John Co., The	Crystal Falls	Meats and groceries	7	1	8	
Dec. 21	Webb's Garage	Crystal Falls	Auto repairing	3		3	
Dec. 20	Western Union Telegraph Co.	Crystal Falls	Telegraph service	1		1	
Dec. 21	Willis Hardware Co.	Crystal Falls	Hardware	3		3	
Jan. 2	Angeli, A. & Co.	Iron River	Meats and groceries	3	1	4	
Dec. 31	Apostle's Confectionery	Iron River	Ice cream, etc.	2	1	3	
Jan. 4	Bates Iron Co.	Iron River	Iron mining	135		135	
Jan. 5	Brauns & Van	Iron River	Fruits, etc.	2		2	
Dec. 31	Chin, Chas.	Iron River	Laundry	1		1	
Dec. 29	City Laundry & Cleaning Works	Iron River	Laundry	5	9	14	
Jan. 3	Cronwall, F. O.	Iron River	Baked goods	3	1	4	
Jan. 2	Curley & Sanders	Iron River	Cigars	4		4	1
Jan. 4	Deacon, Jeff	Iron River	Blacksmithing	5		5	
Jan. 4	Davidson Ore Mfg. Co.	Iron River	Iron ore	5		5	
Jan. 5	Davidson Ore Mfg. Co.	Iron River	Iron ore	86		86	
Jan. 5	Davidson Ore Mfg. Co.	Iron River	Iron ore	62		62	
Dec. 29	Davidson Bakery & Lunch	Iron River	Baked goods	1	3	4	
Jan. 2	Eckman & Nelson	Iron River	Millinery		2	2	
Dec. 31	Edling, M.	Iron River	Sheet metal	4		4	
Jan. 5	Fisher-Morrison Lumber & Fuel Co.	Iron River	Lumber, coal, etc.	8	1	9	
Jan. 2	Friend & Peterson	Iron River	Meats and groceries	3	2	5	
Dec. 31	Hanson & Boyd	Iron River	Candies and ice cream	2	2	4	
Jan. 5	Hewett Grain & Provision Co.	Iron River	Grain and provisions	3		3	
Dec. 31	Iron Range Light & Power Co.	Iron River	Light and power	9	1	10	
Dec. 29	Iron River Market	Iron River	Meats and groceries	2	1	3	
Jan. 3	Iron River Motor Car Co.	Iron River	Auto repairing	4	1	5	
Jan. 3	Iron River Shoe Shop	Iron River	Shoe repairing	4		4	
Dec. 31	Iron River, Stambaugh & Crystal Falls St. Ry. Co.	Iron River	Passenger service	13		13	1
Jan. 5	Iron River Water Works	Iron River	Water	5		5	
Jan. 2	Jones, L. O.	Iron River	Harness	1		1	
Jan. 2	Larson, H. C.	Iron River	Soft drinks	2		2	
Dec. 29	Liberman, M.	Iron River	Tailoring	1		1	
Jan. 2	Lindwall & Lindstrom	Iron River	Auto repairing	5		5	
Dec. 29	McCormock, A. E.	Iron River	Meats and groceries	3		3	
Jan. 4	Michigan State Telephone Co.	Iron River	Telephone service	3	7	10	
Jan. 5	Mineral Mining Co.	Iron River	Iron ore	112		112	
Jan. 2	Model Market	Iron River	Meats	2		2	
Jan. 4	Munro Iron Mining Co.	Iron River	Iron ore	154	1	155	
Jan. 4	Munro Iron Mining Co.	Iron River	Iron ore	119		119	
Jan. 4	Munro Iron Mining Co.	Iron River	Iron ore	60		60	
Jan. 3	Nollberg, Elmer	Iron River	Baked goods	4	1	5	1
Jan. 2	Orazi, August	Iron River	Shoe repairing	1		1	
Dec. 29	Palace Candy Kitchen	Iron River	Candy and fruits	2	1	3	
Dec. 31	Peninsular Power Co.	Iron River	Electricity	35		35	1
Jan. 2	People's Supply Co.	Iron River	Meats and groceries	3		3	
Dec. 29	Peterson, Sam.	Iron River	Custom tailoring	2		2	
Jan. 3	Phoenix Lumber & Supply Co.	Iron River	Lumber	12		12	2
Dec. 31	Pociops, Theodore	Iron River	Custom tailoring	1		1	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>IRON Co.—Con.</b>							
Jan. 4	Proksch, A. H.	Iron River	Contracting	63	1	64	
Dec. 29	Quirt, Ben L.	Iron River	Hardware	5	1	4	
Dec. 29	Sarber, J. E.	Iron River	Cigars	3		2	
Dec. 29	Selin, J.	Iron River	Hardware	5	1	4	
Jan. 5	Standard Oil Co.	Iron River	Oil	5		5	
Jan. 2	Woman's Shop, The	Iron River	Millinery		3	3	
Dec. 29	Woods, John	Iron River	Shoe repairing	1		1	
Jan. 5	Verona Mining Co., The	Palatka	Iron ore	264		264	
Jan. 5	Verona Mining Co., The	Palatka	Iron ore	238		238	
Jan. 5	Verona Mining Co., The	Palatka	Iron ore	369	2	371	
Jan. 4	Brule Mining Co., The	Stambaugh	Iron ore	93		93	
Jan. 4	Brule Mining Co., The	Stambaugh	Iron ore	175		175	
Jan. 3	Consolidated Mercantile Co.	Stambaugh	Meats and groceries	6	2	8	
Jan. 3	Gasperini, Silvio	Stambaugh	Meats and groceries	4		4	
Jan. 3	New Cash Store Co.	Stambaugh	Meats and groceries	3		3	
Jan. 3	New Stambaugh Hardware Co.	Stambaugh	Hardware	2		2	
Jan. 4	Oliver Iron Mining Co.	Stambaugh	Iron ore	43		43	
Dec. 20	Quinnesec Iron Mining Co.	Stambaugh	Iron ore	306		306	
Jan. 3	Stambaugh Shoe Shop	Stambaugh	Shoe repairing	2		2	
Jan. 3	Stambaugh Garage	Stambaugh	Auto repairing	2		2	
Jan. 3	Vern, Werner	Stambaugh	Custom tailoring	2		2	
<b>ISABELLA COUNTY.</b>							
April 14	Blanchard Garage	Blanchard	Auto repairing	4		4	
April 14	Blanchard Roller Mills	Blanchard	Flour and lumber	3		3	
April 14	Blanchard Telephone Co.	Blanchard	Telephone service	2	2	4	
April 14	Chamberlain, A. D.	Blanchard	Blacksmithing	2		2	
April 14	Fate, J. W. & Co.	Blanchard	Beans and produce	3	21	24	
April 28	American Dry Cleaning Co.	Mt. Pleasant	Dry cleaning	2		2	
April 21	Bamber Bros. Garage	Mt. Pleasant	Auto repairing	4		4	
April 20	Bark, J. Floyd	Mt. Pleasant	Dry cleaning	2		2	
April 19	Battle Automobile Co.	Mt. Pleasant	Auto repairing	5	1	6	
May 1	Beebe Machine Shop	Mt. Pleasant	Machine repairing	3		3	
April 18	Borden's Condensed Milk Co.	Mt. Pleasant	Condensed milk	21	5	26	
April 26	Breidenstein, Henry	Mt. Pleasant	Meats and groceries	4		4	1
April 19	Cadillac Ice Cream Co.	Mt. Pleasant	Ice cream	1	1	2	
April 21	Central Michigan Light & Power Co.	Mt. Pleasant	Light and power	13	3	16	
May 1	Central Gas Co.	Mt. Pleasant	Light and heat	6	1	7	
May 1	Chatterton & Son	Mt. Pleasant	Hay and grain	14	44	58	
April 27	Conley, John	Mt. Pleasant	Auto repairing	2		2	
April 21	Crystal Bakery, The	Mt. Pleasant	Baked goods	4	1	5	
April 26	Dow Chemical Co., The	Mt. Pleasant	Chemicals	47		47	1
April 27	Feeny, Miss Kate	Mt. Pleasant	Millinery		2	2	
April 20	Fisher, J. G.	Mt. Pleasant	Cabinet making	1		1	
April 19	Gardiner, Peter	Mt. Pleasant	Blacksmithing	2		2	
April 19	Gorham Bros. Co., The	Mt. Pleasant	Panels	14	19	163	3
April 19	Harrison, W. A.	Mt. Pleasant	Farm produce	2	10	12	
April 27	Harris Bros. Seed Co.	Mt. Pleasant	Seeds	14	40	54	5
April 20	Harris Milling Co.	Mt. Pleasant	Flour	13	2	15	
April 19	Hight, Bert A.	Mt. Pleasant	Plumbing	5		5	
April 21	Hileman, J. F.	Mt. Pleasant	Baked goods	4	2	6	1
April 20	Hudson, Walter	Mt. Pleasant	Tailoring	2		2	
April 20	Isabella County Courier	Mt. Pleasant	Printed matter	4	2	6	
April 20	Isabella County Enterprise	Mt. Pleasant	Printed matter	3	2	5	
April 18	Isabella County Farmers Grain Co., The	Mt. Pleasant	Grain and beans	4	10	14	
April 18	Isabella County Farmers Grain Co., The	Mt. Pleasant	Grain and beans	6	22	28	
April 28	Johnson's Garage	Mt. Pleasant	Auto repairing	11	1	12	
April 19	Johnson & Honeywell	Mt. Pleasant	Meats	4		4	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>ISABELLA Co.—Con.</b>							
April 19	Law, Frank J.	Mt. Pleasant.	Cigars	2	3	5	
April 19	Lee, E. J. & Co.	Mt. Pleasant.	Farm produce	2	3	5	
April 28	McDonald, Wm.	Mt. Pleasant.	Blacksmithing	2		2	
April 26	Michigan State Telephone Co.	Mt. Pleasant.	Telephone service	3	8	11	
May 1	Mt. Pleasant Brick & Tile Co.	Mt. Pleasant.	Brick and tile	9		9	
April 20	Mt. Pleasant Laundry	Mt. Pleasant.	Laundry	2	5	7	
April 20	Mt. Pleasant Lumber Co.	Mt. Pleasant.	Lumber	11	1	12	
April 20	Mt. Pleasant Times	Mt. Pleasant.	Printed matter	7	2	9	1
May 1	Mt. Pleasant Woolen Mills	Mt. Pleasant.	Woolen goods	1		1	
April 19	Morrison & Dains	Mt. Pleasant.	Lumber	3		3	
April 27	Olympia Candy Works	Mt. Pleasant.	Candy	7		7	
April 27	Schmidt, F. A.	Mt. Pleasant.	Tailoring	1	2	3	
April 18	Sweeney & Co.	Mt. Pleasant.	Beans and produce	3	6	9	
April 26	Twist's Bakery	Mt. Pleasant.	Bakery	3	2	5	
April 26	Union Telephone Co., The	Mt. Pleasant.	Telephone service	3	10	13	
April 19	Walch & Connors	Mt. Pleasant.	Blacksmithing	3		3	
April 26	Whitney-Taylor Co.	Mt. Pleasant.	Concrete products	10		10	
April 28	Calkins, Wm.	Rosebush.	Meats, baked goods, etc.	4		4	
April 28	Johnson-Coyne Co.	Rosebush.	Beans and produce	3	26	29	
April 28	Regan, D. J.	Rosebush.	Blacksmithing	2		2	
May 3	Brandell, G. W.	Shepherd.	Blacksmithing	2		2	
May 2	Brattin, F. J. & Son	Shepherd.	Lumber	3		3	
May 2	Brenner, Ed.	Shepherd.	Blacksmithing	2		2	
May 3	Burham, Wm.	Shepherd.	Meats	2		2	
May 2	Carroll & Stilgenbauer.	Shepherd.	Baked goods	3		3	
May 2	Dibble & Bent.	Shepherd.	Hay, grain and coal	3		3	
May 2	Eetee, Claude H.	Shepherd.	Grain and beans	5	26	31	
May 3	Gillman, I. P.	Shepherd.	Harness	2		2	
May 2	Isabella County Republican.	Shepherd.	Printed matter	2	1	3	
May 3	Johnson's Garage	Shepherd.	Auto repairing	3		3	
May 3	Michigan State Telephone Co.	Shepherd.	Telephone service	1	4	5	
May 2	Mulvey, L. H.	Shepherd.	Cider and vinegar	3		3	
May 2	Shepherd Auto Co.	Shepherd.	Auto repairing	2		2	
May 3	Shepherd Creamery, The	Shepherd.	Dairy products	2		2	
May 2	Shepherd Elevator Co.	Shepherd.	Grain and beans	2	9	11	
May 3	Shepherd Milling Co.	Shepherd.	Flour, feed and beans	5	30	35	
May 2	Struble, Irad	Shepherd.	Farm produce	4		4	
May 2	Union Telephone Co., The	Shepherd.	Telephone service	1	3	4	1
May 3	Worthington, F. A.	Shepherd.	Plumbing	3		3	
April 16	Briggs, George.	Weidman.	Blacksmithing	1		1	
April 16	Hall Elevator Co.	Weidman.	Beans	2		2	
April 16	Holmes Milling Co., The	Weidman.	Flour and feed	9	20	29	
April 16	Rau, Stephen M.	Weidman.	Plumbing	3	2	5	1
<b>JACKSON COUNTY.</b>							
Aug. 17	Blanchard Bros.	Brooklyn.	Feed and cider	4		4	
Jan. 27	Brooklyn Electric Lighting Plant.	Brooklyn.	Light and power	2		2	
Aug. 17	Brooklyn Exponent, The	Brooklyn.	Printed matter	2	1	3	
Aug. 17	Hart & Howell Co., The	Brooklyn.	Pop corn	2	10	12	
Aug. 17	Jagger, W. H. & Co.	Brooklyn.	Baked goods	3		3	
Aug. 17	Jones, Fred H. Co.	Brooklyn.	Cider	13	1	14	
Aug. 17	Ladd & Austin Garage	Brooklyn.	Auto repairing	3		3	
Aug. 17	Neeley Bros.	Brooklyn.	Lumber and coal	2		2	
Jan. 27	Teachout Garage	Brooklyn.	Auto repairing	2		2	
Aug. 17	Watts & Every	Brooklyn.	Grain and feed	2		2	
Feb. 7	Concord Independent	Concord.	Printed matter	2	1	3	
Feb. 7	Concord Roller Mills	Concord.	Flour and feed	5		5	
Sept. 6	Dart & Carr	Concord.	Lumber and coal	2		2	
Sept. 6	Dixon, J. E.	Concord.	Baked goods	2	1	3	
Sept. 6	Star Hardware & Garage	Concord.	Auto repairing	2		2	

## Factory Inspection.—Continued.

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<b>JACKSON Co.—Con.</b>							
Sept. 6	Tucker, A. K.	Concord	Flour and feed.	3		3	
Feb. 7	Vetter, F. J. & Son.	Concord	Dairy products.	3		3	
Aug. 27	Consumers Power Co.	Grass Lake.	Electricity.	2		2	
Aug. 27	Davis-Shelly Lumber Co.	Grass Lake.	Lumber and coal.	7		7	
Aug. 27	Grass Lake Elevator Co.	Grass Lake.	Grain.	2	5	7	
Aug. 27	Grass Lake Laundry Co.	Grass Lake.	Laundry.	1	1	2	
Aug. 27	Grass Lake News, The.	Grass Lake.	Printed matter.	2		2	
Jan. 29	Haselschwardt, D. E.	Grass Lake.	Repairing.	4		4	
Aug. 27	Lakeside Elgin Butter Co.	Grass Lake.	Dairy products.	3		3	
Aug. 27	Maurer Bros.	Grass Lake.	Auto repairing.	3		3	
Aug. 27	Worden, H. W.	Grass Lake.	Baked goods.	1	3	4	
Jan. 28	Eddy & Son.	Hanover.	Grain and coal.	3		3	
Sept. 9	Folks, Alfred.	Hanover.	Grain and coal.	2		2	
Sept. 7	Hanover Bakery.	Hanover.	Baked goods.	1	1	2	
Sept. 7	Hanover-Horton Local, The.	Hanover.	Printed matter.	1	1	2	
Jan. 28	Sanderson, A. B.	Hanover.	Grain.	3	12	15	
Jan. 28	Soule, E. A.	Hanover.	Meats.	2		2	
Sept. 7	Steck & Sons.	Hanover.	Grain and lumber.	2		2	
Jan. 24	A. B. C. Auto Supply Co.	Jackson.	Auto supplies.	2		2	
Aug. 15	Acorn Press, The.	Jackson.	Job printing.	14	5	19	2
July 30	Adams, H. J. Lumber & Coal Co.	Jackson.	Lumber and coal.	25		25	
Jan. 16	Addison Awning Co., The.	Jackson.	Awnings.	4		4	
Aug. 29	Alloy Steel Spring & Axle Co.	Jackson.	Springs.	231	2	233	
July 31	American Fork & Hoe Co.	Jackson.	Forks and hoes.	256	4	260	2
July 14	American Gear & Mfg. Co.	Jackson.	Auto parts.	273	2	275	5
Aug. 7	American Lady Corset Co., Inc.	Jackson.	Corsets.	13	218	231	3
July 28	American Laundry Co.	Jackson.	Laundry.	1	7	8	
July 12	American Oil Corporation.	Jackson.	Oils.	23	5	28	
Aug. 10	American Sewer Pipe Co.	Jackson.	Clay products.	112	2	114	
Sept. 4	Armour & Co.	Jackson.	Meats.	15		15	
July 20	Aspinwall Mfg. Co.	Jackson.	Potato machinery.	62	5	67	
Jan. 22	Bartlett, J. E. Co.	Jackson.	Flour and feed.	10	7	17	
July 25	Bell, Wilson & Co.	Jackson.	Sheet metal.	2	1	3	
Aug. 21	Beyer Machine Co., The.	Jackson.	General machinery.	17		17	
July 23	Borden's Condensed Milk Co.	Jackson.	Condensed milk.	21	3	24	1
Aug. 10	Branch's Bakery.	Jackson.	Baked goods.	3	3	6	
Aug. 20	Brewer Coal Co.	Jackson.	Coal and wood.	13		13	
July 16	Briscoe Motor Corporation.	Jackson.	Automobiles.	1,395	37	1,432	41
Jan. 28	Brown, Davis & Warner.	Jackson.	Groceries.	13	3	16	
Aug. 7	Buell Auto Co.	Jackson.	Auto repairing.	7	2	9	
Jan. 18	Burt, Henry M.	Jackson.	Flowers.	4	1	5	
Aug. 7	Butcher & Gage.	Jackson.	Machinery.	26	1	27	
Aug. 14	Camp, S. H. & Co.	Jackson.	Corsets.	19	55	74	
July 25	Central Automobile & Supply Co.	Jackson.	Auto repairing.	21	2	23	
July 23	Central City Book Bindery.	Jackson.	Book binding.	30	8	38	1
July 24	Central City Lumber Co.	Jackson.	Lumber.	20	1	21	
Jan. 24	Central Distributing Co.	Jackson.	Factory supplies.	6	1	7	
Jan. 21	Cherin Bros.	Jackson.	Ladies' tailoring.	5	1	6	
Aug. 13	Citizen Job Printing House.	Jackson.	Job printing.	7	1	8	
Aug. 8	Citizens Telephone Co.	Jackson.	Telephone service.	20	30	50	3
Aug. 27	City Bakery, The.	Jackson.	Baked goods.	16	1	17	2
Aug. 16	Cobb, Wm. Foundry.	Jackson.	Castings.	9	1	10	
Aug. 26	Colvin Dairy Co.	Jackson.	Dairy products.	19	1	20	
Aug. 20	Consumers Ice & Fuel Co.	Jackson.	Ice and fuel.	16	1	17	
Aug. 8	Consumers Power Co.	Jackson.	Electricity.	58		58	
Aug. 22	Cooper Street Garage.	Jackson.	Auto repairing.	5		5	
Jan. 15	Cornwell Co., The.	Jackson.	Meats.	14	4	18	
Jan. 31	Cornwin Lumber Co., The.	Jackson.	Lumber and coal.	25	1	26	
Aug. 22	Cotton-Ziegler Garage Co., The.	Jackson.	Auto repairing.	13	1	14	
Sept. 4	Crowley, John Boiler Works.	Jackson.	Boilers.	14		14	

Factory Inspection.—Continued.

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<b>JACKSON Co.—Con.</b>							
Aug. 13	Crown Paper & Bag Co.	Jackson	Paper and bags	11	9	20	
July 27	Dach, J. M. Underwear Co., The	Jackson	Underwear	8	92	100	
Aug. 10	Daly & Rutherford	Jackson	Sheet metal	6	1	7	
Jan. 29	Davis, A. M.	Jackson	Dry cleaning	3	1	4	
July 23	Davis & White	Jackson	Job printing	2	1	3	
Jan. 18	DeLamater, I. N.	Jackson	Coal and wood	13	1	14	
Aug. 3	DeMay Printing Co.	Jackson	Job printing	6	6	12	1
July 28	Dewey-Smith Co.	Jackson	Builders' supplies	9	2	11	
Sept. 1	Dibble, M. A. & Co.	Jackson	Cigars	15	3	18	1
Jan. 17	Dolan, A. T.	Jackson	Cigars	6	5	11	
Jan. 21	Donaldson's Cleaning Works	Jackson	Cleaning	2		2	
Aug. 30	Dowsett, W. J. Co.	Jackson	Plumbing	7	1	8	
Jan. 18	Eagle Bakery	Jackson	Baked goods	4		4	
Jan. 11	Eberle Brewing Co.	Jackson	Beer	25	3	28	
Jan. 16	Edgerton, O. C.	Jackson	Tire repairing	5		5	
Feb. 10	Eggleston Pattern Shop	Jackson	Patterns	6		6	
Aug. 20	Eldred Mill Co.	Jackson	Flour	22	2	24	
July 11	Engel Cider Refining Co.	Jackson	Cider refining	3		3	
Aug. 3	Field-Brundage Engine Works	Jackson	Gas engines	103	2	105	10
July 23	Fisk Coal Co.	Jackson	Coal and wood	7		7	
July 28	Fleming Milk Product Co.	Jackson	Ice cream	9	1	10	
Sept. 1	Foote & Jenks	Jackson	Extracts	6	13	19	
Aug. 15	Fox, H. J. & Co.	Jackson	Carriage repairing	4		4	
Aug. 1	Fox Machine Co.	Jackson	Machine tools	131	7	138	
July 19	Frost Gear & Forge Co.	Jackson	Auto gears	265	2	267	2
July 20	Frost Gear & Forge Co.	Jackson	Drop forging	119		119	
Jan. 18	Gasser, E. R.	Jackson	Tailoring	5	1	6	
June 12	General Machine & Tool Co.	Jackson	Machinery	17		17	1
Aug. 7	Gilbert, J. O.	Jackson	Candy	6	26	32	4
Jan. 17	Globe Pattern Works	Jackson	Patterns	9	1	10	
Aug. 20	Hackett Motor Car Co.	Jackson	Automobiles	21	3	24	
Aug. 10	Haehnle Bottling Co.	Jackson	Beer	11	1	12	2
Aug. 10	Haehnle Brewing Co.	Jackson	Beer	18	1	19	
Aug. 9	Hall-Holmes Mfg. Co.	Jackson	Concrete machinery	2	1	3	
July 24	Hartwick-Woodfield Co.	Jackson	Lumber and coal	43		43	1
July 18	Hayes Wheel Co.	Jackson	Auto wheels	1,051	49	1,100	41
Aug. 9	Hines & Robinson	Jackson	Shoe repairing	5		5	1
Feb. 6	Hinkley, R. G.	Jackson	Baked goods	3	1	4	
Jan. 18	Hoford, Paul	Jackson	Dry cleaning	1	1	2	
Aug. 21	Howard & Keebler Co.	Jackson	Groceries	10	2	12	
Aug. 10	Hygienic Ice Co.	Jackson	Ice	31	1	32	
July 20	Ideal Machine Co.	Jackson	Machine repairing	4		4	
July 23	Indian Refining Co.	Jackson	Oils and gasoline	4		4	
Aug. 22	International Harvester Co.	Jackson	Farm implements	15	4	19	
Aug. 18	Isbell, S. M. & Co.	Jackson	Seeds, grain, etc.	37	63	100	1
July 17	Jackson Automobile Co.	Jackson	Automobiles	228	17	245	
Aug. 20	Jackson Baking Co.	Jackson	Baked goods	19	4	23	
Jan. 24	Jackson Brass Foundry Co.	Jackson	Castings	7		7	
Aug. 22	Jackson Carburetor Co.	Jackson	Carburetors	11	4	15	1
July 27	Jackson Citizen Press, The	Jackson	Printed matter	50	7	57	5
Jan. 28	Jackson City Water Works	Jackson	Water	8		8	
Aug. 7	Jackson Corset Co.	Jackson	Corsets	28	216	244	4
June 12	Jackson Cushion Spring Co.	Jackson	Springs	334	18	352	56
Aug. 20	Jackson Electric Plating Works	Jackson	Plating	4		4	
Aug. 21	Jackson Farm Produce Co.	Jackson	Produce	10	5	15	
July 30	Jackson Fence Co.	Jackson	Wire fences	36	3	39	
July 24	Jackson Glass Works	Jackson	Mirrors and art glass	26	2	28	
Sept. 4	Jackson Granite Co.	Jackson	Monuments	9		9	
July 12	Jackson Iron & Metal Co.	Jackson	Iron and metal	15		15	
Aug. 15	Jackson Machine Tool Co.	Jackson	Machine tools	47	1	48	1

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>JACKSON Co.—Con.</b>							
July 13	Jackson Metal Products Co.	Jackson	Auto accessories	54		54	
July 19	Jackson Motor Shaft Co.	Jackson	Motor shafts	163	3	166	
Jan. 16	Jackson Paper Box Co.	Jackson	Paper boxes	1	6	7	
Feb. 10	Jackson Storage & Transfer Co.	Jackson	Storage	8	1	9	
Jan. 23	Jackson Taxi & Auto Livery, The	Jackson	Passenger service	3		3	
July 27	Keeley, Jas. J. Plumbing Co.	Jackson	Plumbing	16	1	19	
Jan. 18	Kern, C. E.	Jackson	Motorcycles	2		2	
Jan. 24	Kessler, August	Jackson	Tailoring	3	1	4	
July 13	Knickerbocker Co., The	Jackson	Dust collectors	23	1	24	
July 13	Knowles, A. E.	Jackson	Castings	53	1	54	
Jan. 29	Koch, A. P.	Jackson	Harness	1		1	
July 19	La Dow, Jess	Jackson	Auto trimming	3		3	
Jan. 23	Lake, Robert Co., The	Jackson	Coal and cement	8		8	
Aug. 13	LaRue Printing Co.	Jackson	Job printing	2	2	4	
Aug. 13	Lawler Tire & Vulcanizing Works	Jackson	Tire repairing	3	1	4	
July 24	Lepard & Gray	Jackson	Mill work	9		9	
Jan. 17	Leslie & Co.	Jackson	Monuments	5		5	
Aug. 22	Lewis-Allen Co., The	Jackson	Auto repairing	14	1	15	
July 25	Liberty Auto & Supply Co.	Jackson	Auto repairing	7	1	8	
Jan. 29	Link, E. R.	Jackson	Plumbing	3	1	4	
July 17	Lockwood-Ash Motor Co.	Jackson	Marine engines	57	2	59	2
Jan. 16	Lombard, Geo. W.	Jackson	Soft drinks	5	1	6	
Jan. 18	Lung Germine Co., The	Jackson	Remedies	1	1	2	
Aug. 8	McGraw & Crone	Jackson	Tinning	2		2	
Jan. 17	McK. Bell, George	Jackson	Sheet metal	3		3	
Aug. 6	McKie, J. W.	Jackson	Cleaning, etc.	4	3	7	
Aug. 10	McLaughlin, Ward & Co.	Jackson	Flour, grain, etc.	5	2	7	
Jan. 16	McQuillan & Bullinger	Jackson	Wood and coal	5		5	
Jan. 24	McQuillen, M. & Sons	Jackson	Fruits, etc.	8		8	
July 12	Maino Machine Tool Co.	Jackson	Machine tools	24		24	
Aug. 14	Marks, Joseph W.	Jackson	Hay and grain	5		5	
July 25	Michigan Bag & Paper Co.	Jackson	Paper	31	2	33	1
Jan. 29	Michigan Central Railroad Co.	Jackson	Passenger service	454	3	457	
Aug. 29	Michigan Central Railroad Co.	Jackson	Engine repairing	1,152		1,152	16
Jan. 29	Michigan Central Railroad Co.	Jackson	Operating	653		653	
Aug. 30	Michigan Central Railroad Co.	Jackson	Car repairing	96	2	98	2
Sept. 4	Michigan Iron & Metal Co.	Jackson	Junk	6	3	9	
Aug. 8	Michigan Light Co.	Jackson	Gas	111	26	137	1
Aug. 14	Michigan Railway Co.	Jackson	Passenger service	296	52	338	2
July 21	Michigan Seating Co.	Jackson	Chairs	158	87	245	7
Aug. 9	Michigan State Telephone Co.	Jackson	Telephone service	31	123	154	2
Aug. 9	M. & K. Corset Co., The	Jackson	Corsets	4	27	31	1
July 11	Modern Machine Tool Co.	Jackson	Machinery	11		11	
Aug. 28	Modern Quick Repair Shop.	Jackson	Shoe repairing	3	1	4	
Sept. 4	Murray, J. E. & Co.	Jackson	Plumbing	3		3	
Aug. 6	Mutual Motors Co., The	Jackson	Automobiles	147	12	159	4
Aug. 28	National Grocer Co.	Jackson	Groceries	22	4	26	1
July 13	Night Commander Lighting Co.	Jackson	Gas	22	2	24	
July 31	North-Bradshaw & Co.	Jackson	Contracting	60		60	
Aug. 9	Novelty Mfg. Co.	Jackson	Oil stoves	34	3	37	
Jan. 18	O'Brian, J. W.	Jackson	Sheet metal	2		2	
Jan. 18	O'Dwyer Co.	Jackson	Plumbing	6	1	7	
Aug. 29	Overland Sales Co., The	Jackson	Auto repairing	5	1	6	1
Aug. 21	Perfection Biscuit Co.	Jackson	Baked goods	1	1	2	
July 11	Perfection Coil Spring Co., Inc.	Jackson	Cushion springs	11	1	12	
July 18	Perlman Rim Corporation	Jackson	Automobile rims	452	4	456	4
Aug. 13	Phillips, Eugene	Jackson	Wall paper	5	1	6	
Jan. 18	Pickell Storage Co.	Jackson	Storage	5	2	7	
Aug. 23	Pickles, Arthur	Jackson	Plumbing	9	1	10	1
July 14	Pioneer Foundry Co., Ltd.	Jackson	Castings	27	1	28	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
JACKSON CO.—Con.							
Jan. 21	Pitteco, William H.	Jackson	Tailoring	4	2	6	
Aug. 24	Postal Telegraph-Cable Co.	Jackson	Telegraph service	8	2	10	4
Jan. 21	Raymond, Flora	Jackson	Millinery		4	4	
July 20	Reliance Automobile & Supply Co.	Jackson	Auto repairing	12	1	13	1
July 12	Riverside Machine Co.	Jackson	Machinery	15		15	1
July 20	Ruby Mfg. Co., The	Jackson	Portable buildings	11	2	13	
Aug. 21	Sanford, J. A.	Jackson	Machine repairing	5	3	5	
Jan. 18	Saturday Evening Star, The	Jackson	Printed matter	3		3	
Aug. 7	Schafer & Riggs	Jackson	Dry cleaning	7	4	11	2
Aug. 15	Schlenker, Geo. M.	Jackson	Cigars	5	2	7	
Aug. 2	Schmidt, O. F. Chemical Co.	Jackson	Chemicals	57	19	76	4
Aug. 14	Schuler's Vienna Bakery	Jackson	Baked goods	5		5	
Aug. 23	Scofield & Son.	Jackson	Vehicles and feed	2	1	3	
Aug. 16	Seward, C. T.	Jackson	Electrical supplies	5		5	
Aug. 15	Shaw Storage & Transfer Co.	Jackson	Storage	6	1	7	
Aug. 8	Smith-Winchester Co.	Jackson	Sheet metal	26	1	27	
Jan. 26	Sparks-Withington Co., The	Jackson	Automobile parts	355	114	469	
Aug. 13	Spencer, W. R. Grocer Co.	Jackson	Groceries	7	1	8	
Jan. 17	Square Deal, The	Jackson	Printed matter	3	1	4	
July 13	Standard Oil Co.	Jackson	Oils	9		9	
Jan. 21	Stiles Engraving Co.	Jackson	Engraving	2		2	
July 23	Stockbridge Elevator Co.	Jackson	Grain, beans, etc.	9	17	26	
Jan. 17	Straub & Scott	Jackson	Millinery		3	3	
Jan. 21	Taylor, T. B.	Jackson	Flour and feed	2		2	
Aug. 7	Tefft-Conner Electric Co.	Jackson	Electric contractors	3	1	4	1
Aug. 20	T. H. & A. Coal Co., The	Jackson	Coal	9		9	
Aug. 8	Thomas, E. H.	Jackson	Shoe repairing	4		4	
July 24	Thorpe, George W.	Jackson	Flour and feed	5	1	6	
Aug. 7	Timberlake, J. B. & Sons	Jackson	Wire goods	41	7	48	
Aug. 11	Tomkins-Johnson Co., The	Jackson	Machinery	10		10	
Jan. 18	Tussing, Lewis N.	Jackson	Welding	2		2	
Jan. 16	Union Roofing & Mfg. Co.	Jackson	Roofing	12	1	13	
Aug. 16	Valentine, R. G. & Co.	Jackson	Muslin underwear	1	11	12	
Aug. 14	Vandercook Transfer Co.	Jackson	Passenger service	17		17	
Aug. 15	Van Vleck, Dr. Co., The	Jackson	Medicines	1	16	17	1
July 27	Walcott Lathe Co.	Jackson	Machinery	135		135	
July 25	Walcott & Wood Machine Tool Co.	Jackson	Machine tools	19		19	1
July 24	Watts-Morehouse Co.	Jackson	Masons' supplies	20	2	22	
Aug. 15	Way, H. L. & Son	Jackson	Baked goods	10		10	1
July 31	Webster, Benjamin A.	Jackson	Shoe repairing	4		4	
Aug. 13	Western Union Telegraph Co.	Jackson	Telegraph service	16	7	23	9
Aug. 18	West Side Laundry	Jackson	Laundry	5	11	16	
Aug. 21	Whellock-Prestler	Jackson	Roofing	9		9	
Aug. 9	White Frost Refrigerator Co.	Jackson	Refrigerators	58	7	65	
Aug. 28	White Laundry	Jackson	Laundry	11	29	40	
July 20	Willbee-Morse Concrete Co.	Jackson	Concrete work	4		4	
Sept. 5	Wilson Packing Co., The	Jackson	Pickles, etc.	16	14	30	
July 23	Wolverine Laundry Co.	Jackson	Laundry	12	18	30	
Jan. 22	Youngs, V. F.	Jackson	Coal and wood	5		5	
Aug. 24	Ford Garage	Parma	Auto repairing	3		3	1
Aug. 24	Parma Bakery	Parma	Baked goods	1	1	2	1
Aug. 24	Parma Butter Co., The	Parma	Butter	3		3	
Aug. 24	Parma Mercantile Co.	Parma	Coal, lumber and feed	5	1	6	
Aug. 31	Comstock, E. C. & Co.	Springport	Grain and beans	5	40	45	
Aug. 31	Hoag & Houseman.	Springport	Lumber and coal	3		3	
Aug. 31	McDonald, G. C.	Springport	Baked goods	1	1	2	
Feb. 6	Nowlin, Frank E. Co., Ltd.	Springport	Grain and beans	3	14	17	
Feb. 6	Springport Bookbindery, The	Springport	Book binding	2	2	4	
Feb. 6	Springport Garage	Springport	Auto repairing	2		2	
Aug. 31	Springport Signal, The	Springport	Printed matter	2	1	3	
Feb. 6	Star Garage, The	Springport	Auto repairing	3		3	
Feb. 6	West Chemical & Paint Co.	Springport	Paints	3		3	

## Factory Inspection.—Continued.

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<b>KALAMAZOO COUNTY.</b>							
Dec. 4	Augusta Basket Co.	Augusta.	Baskets.	9	7	16	
Dec. 4	Augusta Creamery Co.	Augusta.	Dairy products.	3	1	4	
Dec. 4	Augusta Lumber Co.	Augusta.	Lumber and coal.	2		2	
Dec. 4	Augusta Milling Co., The.	Augusta.	Flour and feed.	6	1	7	
Dec. 4	Consumers Power Co.	Augusta.	Electricity.	5		5	
Dec. 4	Hudson, J.	Augusta.	Produce.	3		3	
Dec. 4	Wakefield, C. B.	Augusta.	Millinery.		2	2	
Dec. 6	Crescent Publishing Co., The.	Climax.	Printed matter.	2	1	3	
Dec. 6	Griffith, M. & Son.	Climax.	Grain, produce, etc.	3		3	
Dec. 6	Hamilton, Glenn.	Climax.	Meats.	4		4	
Dec. 6	Post-Raymond Dairy Co.	Climax.	Dairy products.	3		3	
Dec. 6	Scramlin & Son.	Climax.	Lumber and coal.	3		3	
Dec. 6	Willison, Frank L.	Climax.	Hardware.	5		5	
Dec. 4	Boyd, W. E.	Comstock.	Building material.	2		2	
Dec. 4	Comstock Celery Co.	Comstock.	Celery.	7	1	8	
Dec. 4	Peer Mfg. Co.	Comstock.	Steam engines.	9		9	
Dec. 5	Jones Garage Co.	Galesburg.	Auto repairing.	4	1	5	
Dec. 5	Semi-Weekly Argus.	Galesburg.	Printed matter.	2	1	3	
Dec. 5	Zinn & Austin.	Galesburg.	Coal and lumber.	3		3	
Dec. 5	Zinn & Austin.	Galesburg.	Grain and seeds.	4	1	5	
Dec. 19	Acker's Millinery Store.	Kalamazoo.	Millinery.		2	2	
Dec. 6	Acme Universal Joint Mfg. Co.	Kalamazoo.	Automobile parts.	62	1	63	2
Nov. 6	A. & D. Sheet Metal Works.	Kalamazoo.	Sheet metal.	6		6	
Nov. 20	Advance Mfg. Co.	Kalamazoo.	Vacuum sweepers.	3	1	4	
Dec. 6	Advocate Publishing Co., The.	Kalamazoo.	Printing.	12	4	16	1
Nov. 8	American Arc Lamp Co.	Kalamazoo.	Electric fixtures.	4		4	
Nov. 16	American Carriage Co.	Kalamazoo.	Carriages.	17	3	20	
Nov. 20	American Sign Co.	Kalamazoo.	Electric signs.	25	3	28	1
Nov. 5	Appeldoorn's, P. B. Son's Co.	Kalamazoo.	Hides.	2		2	
Nov. 5	Armour & Co.	Kalamazoo.	Meats.	11		11	
Dec. 18	Armstrong & Veley.	Kalamazoo.	Machine repairing.	8		8	1
Dec. 18	Atlas Press Co.	Kalamazoo.	Machinery.	24		24	
Nov. 8	Bard, Chas. G.	Kalamazoo.	Mill supplies.	5		5	
Dec. 12	Barley Motor Car Co.	Kalamazoo.	Automobile assembling.	127	14	141	
Nov. 6	Barnes, C. H. & Co.	Kalamazoo.	Job printing.	4	1	5	
Nov. 8	Bennett & Co.	Kalamazoo.	Furniture.	4		4	
Nov. 5	Birmingham & Prosser.	Kalamazoo.	Paper.	5	2	7	
Dec. 17	Blossom, Mrs. Alice E.	Kalamazoo.	Millinery.		7	7	
Dec. 19	Bockelman, Wm.	Kalamazoo.	Furniture repairing.	2		2	
Dec. 11	Boekhout, John.	Kalamazoo.	Wood and coal.	6	1	7	
Nov. 6	Bond Supply Co.	Kalamazoo.	Mill supplies.	4	5	9	
Dec. 18	Bosker's Bakery.	Kalamazoo.	Baked goods.	6		6	1
Nov. 21	Brauder, John Co.	Kalamazoo.	Job printing.	6	1	7	
Nov. 9	Brenner, R. R.	Kalamazoo.	Plumbing.	7	1	8	
Nov. 14	Brink Baking Co., The.	Kalamazoo.	Baked goods.	15	2	17	
Nov. 6	Bryant's Bakery.	Kalamazoo.	Baked goods.	7	3	10	
Dec. 5	Bryant Paper Co.	Kalamazoo.	Paper.	247	114	361	
Dec. 5	Bryant Paper Co.	Kalamazoo.	Paper.	355	57	412	
Dec. 5	Bryant Paper Co.	Kalamazoo.	Paper.	135	34	169	
Dec. 5	Bryant Paper Co.	Kalamazoo.	Paper.	206	50	256	
Nov. 5	Burleigh, C. E.	Kalamazoo.	Repairing.	2		2	
Dec. 13	Bushouse, P. J.	Kalamazoo.	Candy.	5	5	10	
Nov. 21	Cadillac Motor Car Co.	Kalamazoo.	Auto repairing.	10	1	11	
Nov. 20	Celery City Lumber Co.	Kalamazoo.	Lumber.	2		2	
Nov. 20	Central Mfg. Co.	Kalamazoo.	Paper mill supplies.	13	3	16	
Nov. 20	Chicago, Kalamazoo & Saginaw Railway Co.	Kalamazoo.	Car repairing.	15		15	
Dec. 13	Citizens Plumbing & Heating Co.	Kalamazoo.	Plumbing.	2		2	
Dec. 13	City Water Works.	Kalamazoo.	Water.	11		11	
Nov. 13	Clarage Fan Co.	Kalamazoo.	Fans, engines, etc.	258	5	263	1
Nov. 20	Clark Engine & Boiler Co.	Kalamazoo.	Engines and boilers.	105	1	106	



Factory Inspection.—Continued.

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<b>KALAMAZOO Co.—Con.</b>							
Nov. 21	Columbian Electric Co.	Kalamazoo	Electric supplies	8	1	9	
Nov. 23	Consumers Power Co.	Kalamazoo	Electricity	23	1	24	
Nov. 5	Cook Standard Tool Co.	Kalamazoo	Tools	12		12	
Dec. 13	Cooper, H. J.	Kalamazoo	Auto repairing	10	1	11	
Dec. 11	Corlett-Stone Lumber Co.	Kalamazoo	Lumber and coal	2		2	
Nov. 15	Crescent Engraving Co.	Kalamazoo	Engraving	21	2	23	
Dec. 13	Cuthbert Battery Shop	Kalamazoo	Tire repairing	1		1	
Nov. 9	Dairymens Milk Co.	Kalamazoo	Dairy products	17	2	19	
Dec. 14	Dalm Printing Co.	Kalamazoo	Job printing	9	2	11	
Dec. 12	D'Arcy Spring Co.	Kalamazoo	Cushion springs	135	45	180	5
Nov. 22	Darling, W. P.	Kalamazoo	Coal and wood	3	1	4	
Dec. 13	DeBolt, B. P. & M. A.	Kalamazoo	Candy	3	10	13	1
Dec. 13	Dermody, T. J.	Kalamazoo	Cigars	4	1	5	
Dec. 14	Dewing & Sons	Kalamazoo	Interior finish	26	1	27	
Nov. 7	Doubleday Bros. Co.	Kalamazoo	Printing and binding	21	7	28	
Nov. 6	Doubleday-Hunt-Dolan Co.	Kalamazoo	Printing and binding	11	4	15	2
Nov. 14	Dunkley Co.	Kalamazoo	Machinery	34	3	37	
Dec. 15	Dunbar, W. E. & Co.	Kalamazoo	Furnaces	2		2	
Nov. 22	Dutton, C. H. Co., The.	Kalamazoo	Boilers and engines	72	1	73	
Nov. 14	Everett, L. Jay	Kalamazoo	Patterns	7		7	
Dec. 13	Fair, R. E.	Kalamazoo	Auto repairing	19	2	21	
Nov. 6	Finger, S. G.	Kalamazoo	Dry cleaning	1	3	4	
Dec. 14	Fitzgerald, Samuel P.	Kalamazoo	Cigars	9	1	10	
Dec. 13	Freeman, Geo.	Kalamazoo	Baked goods	6	1	7	
Dec. 13	Fuller & Sons Mfg. Co.	Kalamazoo	Transmissions	302	8	310	4
Dec. 13	Service Garage	Kalamazoo	Auto repairing	4		4	
Nov. 21	Gazette-Telegraph Co., The.	Kalamazoo	Printed matter	47	11	58	
Nov. 9	General Gas Light Co.	Kalamazoo	Gas lamps	143	4	147	
Nov. 26	Gerline Brass Foundry Co.	Kalamazoo	Castings	29		29	
Dec. 14	Gibson Mandolin-Guitar Co.	Kalamazoo	Musical instruments	69	21	90	2
Dec. 17	Gill, Joseph E.	Kalamazoo	Lumber	4		4	
Nov. 5	Globe Casket Mfg. Co.	Kalamazoo	Caskets	53	10	63	
Nov. 5	Globe Pattern Works	Kalamazoo	Patterns	11		11	
Dec. 11	Godfrey Lumber Co.	Kalamazoo	Lumber	4	1	5	
Dec. 6	Goodale Co., The.	Kalamazoo	Castings	85	1	86	2
Dec. 14	Gorman Cycle Co.	Kalamazoo	Bicycle repairing	4		4	
Nov. 16	Graff, D. & Sons	Kalamazoo	Paper	37	41	78	
Nov. 14	Grand Rapids Broom Co.	Kalamazoo	Brooms	3		3	
Nov. 5	Grand Rapids & Indiana R. R. Co.	Kalamazoo	Car repairing	5		5	
Nov. 16	Gumbinsky, Oscar & Bros.	Kalamazoo	Paper stock	52	42	94	
Nov. 6	Hanselman Candy Co., The.	Kalamazoo	Candy	16	16	32	
Dec. 13	Harlow, W. O.	Kalamazoo	Auto repairing	5		5	
Dec. 12	Harris & Pratt	Kalamazoo	Coal	9		9	
Dec. 14	Harrigan, Daniel Coal Co.	Kalamazoo	Coal	8		8	
Dec. 17	Harrow Spring Co.	Kalamazoo	Steel springs	290	1	291	
Nov. 27	Hawthorne Paper Co.	Kalamazoo	Paper	138	90	228	
Nov. 13	Haynes Motor Car Co.	Kalamazoo	Auto repairing	4	1	5	
Nov. 9	Henderson-Ames Co., The.	Kalamazoo	Uniforms	128	126	254	2
Dec. 14	Henderson-Ames Co., The.	Kalamazoo	Lodge furniture	14		14	
Dec. 14	Hill-Curtis Co.	Kalamazoo	Mill machinery	70		70	
Nov. 21	Hoags Bakery	Kalamazoo	Baked goods	2	2	4	
Nov. 13	Hotop, Fred J.	Kalamazoo	Plumbing	10	1	11	
Nov. 21	Hughes, Hilda	Kalamazoo	Millinery		5	5	
Nov. 20	Humphrey Co.	Kalamazoo	Gas water heaters	191	13	204	
Dec. 13	Ideal Plumbing & Heating Co.	Kalamazoo	Plumbing	3	1	4	
Nov. 7	Ihling Bros. Everard Co.	Kalamazoo	Printing, etc.	71	57	128	2
Dec. 5	Illinois Envelope Co.	Kalamazoo	Envelopes	26	30	56	
Dec. 6	Insulating Products Co.	Kalamazoo	Machinery	4		4	
Nov. 6	Johnson-Howard Co.	Kalamazoo	Feed & building material	8		8	
Nov. 9	Kalamazoo Auto Sales Co.	Kalamazoo	Auto repairing	12	1	13	

## Factory Inspection.—Continued.

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				Number males	Number females		
<b>KALAMAZOO Co.—Con.</b>							
Dec. 13	Kalamazoo Awning & Tent Co.	Kalamazoo	Awnings and tents	2	2	4	
Dec. 18	Kalamazoo Biscuit Co.	Kalamazoo	Baked goods	4	5	9	1
Nov. 6	Kalamazoo Bottling Co., The	Kalamazoo	Soft drinks	2		2	
Nov. 26	Kalamazoo Bread Co.	Kalamazoo	Baked goods	26	1	27	
Nov. 26	Kalamazoo Carton Co.	Kalamazoo	Cartons	41	11	52	
Dec. 11	Kalamazoo Coal & Sprinkling Co.	Kalamazoo	Coal and wood	6		6	
Nov. 13	Kalamazoo Cold Storage Co.	Kalamazoo	Storage	3	1	4	
Nov. 14	Kalamazoo Corset Co.	Kalamazoo	Corsets	30	158	188	4
Nov. 7	Kalamazoo Creamery Co.	Kalamazoo	Dairy products	16	2	18	
Nov. 5	Kalamazoo Foundry & Machine Co.	Kalamazoo	Castings	38		38	2
Nov. 15	Kalamazoo Glass Works	Kalamazoo	Glass	2	2	2	
Nov. 6	Kalamazoo Ice & Fuel Co.	Kalamazoo	Ice and fuel	42	1	43	
Nov. 6	Kalamazoo Implement Co.	Kalamazoo	Implements	13		13	
Nov. 15	Kalamazoo Label Co.	Kalamazoo	Labels	10	13	23	
Nov. 5	Kalamazoo Laundry Co.	Kalamazoo	Laundry	30	85	115	
Nov. 15	Kalamazoo Loose Leaf Binder Co.	Kalamazoo	Loose leaf devices	136	57	193	23
Nov. 8	Kalamazoo Lumber Co.	Kalamazoo	Lumber	8		8	
Nov. 14	Kalamazoo Machine & Tool Co.	Kalamazoo	Machinery	6	6	6	
Dec. 13	Kalamazoo Malleable Iron Co.	Kalamazoo	Malleable iron	178	22	200	11
Nov. 5	Kalamazoo Monument Co.	Kalamazoo	Monuments	5	1	6	
Nov. 7	Kalamazoo Pant Co.	Kalamazoo	Pants	60	239	299	
Nov. 26	Kalamazoo Paper Co.	Kalamazoo	Paper	313	84	397	
Nov. 7	Kalamazoo Paper Box Co.	Kalamazoo	Paper boxes	55	130	185	6
Nov. 14	Kalamazoo Plating Works	Kalamazoo	Plating	6		6	
Dec. 13	Kalamazoo Publishing Co.	Kalamazoo	Printing	9	1	10	
Dec. 6	Kalamazoo Railway Supply Co.	Kalamazoo	Railway supplies	76	4	80	2
Nov. 20	Kalamazoo Sanitary Mfg. Co.	Kalamazoo	Plumbers' supplies	82	4	86	
Nov. 6	Kalamazoo Sheet Metal Mfg. Co.	Kalamazoo	Sheet metal	10		10	
Nov. 6	Kalamazoo Shoe Mfg. Co.	Kalamazoo	Shoes	45	39	84	
Dec. 14	Kalamazoo Sign Co.	Kalamazoo	Sign painting	4		4	
Dec. 12	Kalamazoo Sled Co., The	Kalamazoo	Sleds	117	20	137	
Nov. 8	Kalamazoo Soap Co.	Kalamazoo	Soap	5	1	6	
Nov. 26	Kalamazoo Spring & Axle Co.	Kalamazoo	Springs	61	2	63	
Nov. 8	Kalamazoo Stationery Co.	Kalamazoo	Stationery	117	112	229	6
Nov. 8	Kalamazoo Steel Goods Co.	Kalamazoo	Stools and chairs	3		3	
Dec. 19	Kalamazoo Storage Battery Co.	Kalamazoo	Storage batteries	1		1	
Nov. 15	Kalamazoo Storage & Transfer Co.	Kalamazoo	Storage, etc.	4	1	5	
Nov. 22	Kalamazoo Stove Co.	Kalamazoo	Stoves	202	26	228	
Nov. 16	Kalamazoo Tank & Silo Co.	Kalamazoo	Tanks and silos	61	7	68	
Dec. 11	Kalamazoo Vegetable Parchment Co.	Kalamazoo	Parch and wax paper	128	23	151	
Nov. 9	Kalamazoo Vulcanizing Co.	Kalamazoo	Vulcanizing	3		3	
Dec. 8	Kalamazoo Wax Paper Co.	Kalamazoo	Wax paper	4	1	5	
Nov. 5	Kent, Glen B. Grain & Produce Co.	Kalamazoo	Grain and produce	7		7	
Nov. 22	Keyser Bros	Kalamazoo	Laundry	11	33	44	
Dec. 12	King Paper Co.	Kalamazoo	Paper	543	118	661	
Nov. 21	Kline, Mrs. L. A.	Kalamazoo	Millinery		2	2	
Nov. 7	Klose, L. R. Electric Co.	Kalamazoo	Electricity	13		13	
Nov. 7	Krueger, Frank C.	Kalamazoo	Tailoring	4		4	
Dec. 13	Lakey, A. L. Co.	Kalamazoo	Painters' supplies	9		9	
Dec. 6	Lane Motor Truck Co.	Kalamazoo	Motor trucks	13	1	14	
Nov. 15	Lee & Cady	Kalamazoo	Groceries	16	2	18	
Nov. 5	Lewis Bros	Kalamazoo	Paper	5	10	15	
Dec. 12	Limousine Top Co.	Kalamazoo	Auto tops	120	5	125	
Nov. 5	Little Bros.	Kalamazoo	Flour and feed	8		8	
Dec. 13	Locher, Wm.	Kalamazoo	Locksmith	4	1	5	
Nov. 6	Lots Co., The	Kalamazoo	Job printing	2		2	
Dec. 11	Lounsbury, W. A. Co., The	Kalamazoo	Boilers, tanks, etc.	22	1	23	
Nov. 23	Lo-Vis Co., The	Kalamazoo	Metal specialties	16	10	26	
Nov. 22	Lull Carriage Co.	Kalamazoo	Carriages	43	3	46	
Dec. 17	MacDonald, A. B.	Kalamazoo	Millinery		5	5	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
KALAMAZOO Co.—Con.							
Nov. 7	McDole, C. B.	Kalamazoo	Sheet metal	8	1	9	
Dec. 19	McKerring, J. C.	Kalamazoo	Cigars	2		2	
Nov. 21	Majestic Hat Shop, The	Kalamazoo	Millinery		3	3	
Dec. 17	Mason, A. A.	Kalamazoo	Millinery		3	3	
Dec. 19	Maynard Printing Co.	Kalamazoo	Printing	2		2	
Nov. 14	Merchants Publishing Co.	Kalamazoo	Printing	60	60	120	3
Nov. 8	Metal Sign Board Co.	Kalamazoo	Signs	5		5	
Nov. 8	Metzger, Wm. U.	Kalamazoo	Sheet metal	3	1	4	
Dec. 15	Michigan Bread Co.	Kalamazoo	Baked goods	7	2	9	
Nov. 26	Michigan Central Railroad Co.	Kalamazoo	Car repairing	51		51	
Nov. 26	Michigan Central Railroad Co.	Kalamazoo	Engine repairing	196		196	
Dec. 15	Michigan Coca-Cola Bottling Co.	Kalamazoo	Soft drinks	4		4	
Nov. 20	Michigan Enameling Works	Kalamazoo	Enameling	53		53	
Dec. 18	Michigan Engraving & Embossing Co.	Kalamazoo	Engraving	2		2	
Nov. 23	Michigan Light Co.	Kalamazoo	Gas	120	22	142	
Dec. 15	Michigan Railway Co.	Kalamazoo	Car repairing	28		28	
Dec. 5	Michigan Silo Co., The	Kalamazoo	Cement silo blocks	13	1	14	
Nov. 23	Michigan State Telephone Co.	Kalamazoo	Telephone service	30	142	172	1
Nov. 20	Miller, Ryder & Winterburn Co., The	Kalamazoo	Coal and feed	11		11	
Dec. 13	Milliman, F. N.	Kalamazoo	Auto repairing	4		4	
Dec. 13	Mirror Printing Co.	Kalamazoo	Printing	9	6	15	
Nov. 6	Model Baking Co., The	Kalamazoo	Baked goods	3	2	5	
Nov. 9	Model Plumbing Co., The	Kalamazoo	Plumbing	4	1	5	
Dec. 12	Monarch Paper Co.	Kalamazoo	Paper	82	209	291	
Nov. 9	Motor Car Exchange Co.	Kalamazoo	Auto repairing	2		2	
Nov. 26	Municipal Lighting Plant	Kalamazoo	Electricity	11		11	
Nov. 21	National Corset Co.	Kalamazoo	Corsets	15	65	80	
Nov. 26	National Refining Co., The	Kalamazoo	Oils and gasoline	23	4	27	
Nov. 5	National Storage Co.	Kalamazoo	Storage	9		9	
Nov. 9	Neary, J. P. & Sons Machine Works	Kalamazoo	Machinery	2	1	3	
Nov. 22	North Lumber & Mfg. Co.	Kalamazoo	Lumber	16		16	
Dec. 11	Oakley & Oldfield	Kalamazoo	Coal and wood	5	2	7	
Dec. 14	O'Meara, Jas. J.	Kalamazoo	Cigars	5		5	
Nov. 21	Oppenheim, Ben.	Kalamazoo	Millinery		7	7	
Nov. 9	Orrell, Thos. M. Co.	Kalamazoo	Auto repairing	4		4	
Nov. 9	Otis Elevator Co.	Kalamazoo	Elevators	4	1	5	
Dec. 15	Palace Bakery	Kalamazoo	Baked goods	2	1	3	
Dec. 19	Palmer, Mrs. Oliver	Kalamazoo	Millinery		1	1	
Dec. 13	Paris Garment Cleaners & Dyers, The	Kalamazoo	Cleaning and dyeing	6	4	10	
Nov. 21	Pease & Son.	Kalamazoo	Job printing	2		2	
Nov. 9	Peck Iron & Steel Works	Kalamazoo	Steel bands	3	1	4	
Dec. 17	Peerless Rubber Co.	Kalamazoo	Tire repairing	1		1	
Nov. 26	Perfection Felting & Mattress Co.	Kalamazoo	Mattresses	2		2	
Nov. 5	Phelps-Bigelow Windmill & Mfg. Co.	Kalamazoo	Windmills	13	1	14	
Nov. 23	Pioneer Welding Co.	Kalamazoo	Electric welding	3		3	
Nov. 7	Piper Ice Cream Co.	Kalamazoo	Ice cream	7	1	8	
Nov. 6	Postal Telegraph-Cable Co.	Kalamazoo	Telegraph service	6	2	8	2
Dec. 17	Purity Bakery	Kalamazoo	Baked goods	2	1	3	
Nov. 13	Quality Drug Stores Co., The	Kalamazoo	Drugs	3	4	7	
Dec. 13	Rapid Transit Messenger Service & Parcel Delivery	Kalamazoo	Messenger service	16		16	
Dec. 6	Reed Foundry & Machine Co.	Kalamazoo	Steel castings	85	1	86	
Nov. 27	Rex Paper Co.	Kalamazoo	Paper	93	21	114	1
Dec. 17	Reva, Hermas A.	Kalamazoo	Tailoring	1	1	2	
Dec. 14	Richards, J. A. Co.	Kalamazoo	Printing machinery	7		7	
Nov. 7	Richardson Garment Co.	Kalamazoo	Garments	5	35	40	
Nov. 16	Riverside Foundry & Galvanizing Co.	Kalamazoo	Castings	52		52	
Nov. 27	Riverview Coated Paper Co.	Kalamazoo	Coating paper	143	22	165	
Dec. 14	Robinson & Godwin	Kalamazoo	Cigars	4		4	
Dec. 18	Root Spring Scraper Co., The	Kalamazoo	Spring scrapers	1		1	
Dec. 18	Royal Bakery	Kalamazoo	Baked goods	1		1	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
KALAMAZOO Co.—Con.							
Dec. 13	Russell, F. W.	Kalamazoo.	Decorating.	13		13	
Dec. 19	Russell, Mrs. G. V.	Kalamazoo.	Millinery		4	4	
Nov. 5	Ryder, James W. Coal Co.	Kalamazoo.	Coal and wood	17	1	18	
Dec. 14	Sales, James A.	Kalamazoo.	Mantels	4	1	5	
Dec. 13	Salomon, A. & Son	Kalamazoo.	Cigars	4	1	5	
Nov. 14	Saniwax Paper Co.	Kalamazoo.	Wax wrapping paper	17	5	22	
Nov. 15	Seward Pattern Works	Kalamazoo.	Patterns	15	1	16	
Nov. 7	Shakespeare Co.	Kalamazoo.	Fishing tackle	88	27	115	2
Nov. 15	Shakespeare Press.	Kalamazoo.	Job printing.	10	1	11	
Dec. 13	Simmerer, Herman	Kalamazoo.	Furs	3	3	6	
Nov. 8	Smith, H. P. Press, The	Kalamazoo.	Job printing.	1	1	2	
Dec. 17	South Side Garage	Kalamazoo.	Auto repairing.	5		5	
Dec. 4	Standard Oil Co.	Kalamazoo.	Oils	16		16	
Dec. 13	Standard Paper Co.	Kalamazoo.	Paper	195	1	196	
Dec. 13	Standard Sheet Metal Works.	Kalamazoo.	Sheet metal	3	1	4	
Dec. 4	Star Brass Works, The	Kalamazoo.	Street railway supplies.	11	1	12	
Nov. 5	Star Paper Co., The	Kalamazoo.	Paper	4	2	6	
Dec. 5	States Motor Car Co.	Kalamazoo.	Automobiles.	10	1	11	
Dec. 18	Stevens Buick Auto Co.	Kalamazoo.	Auto repairing.	4	1	5	
Dec. 18	Stewart Typesetting Co.	Kalamazoo.	Type setting	2		2	
Nov. 15	Swindell-Taylor Co.	Kalamazoo.	Produce	6	2	8	
Nov. 15	Temple Garage	Kalamazoo.	Auto repairing.	5	1	6	
Dec. 19	Ten Buschen, Albert	Kalamazoo.	Cigars	2		2	
Dec. 5	Thermophore Mfg. Co.	Kalamazoo.	Gas appliances	22	2	24	
Dec. 13	Todd, A. M. Co.	Kalamazoo.	Essential oils	6	2	8	
Nov. 15	Trio Laundry	Kalamazoo.	Laundry	9	31	40	
Dec. 15	Union Trim & Lumber Co.	Kalamazoo.	Interior finish	28	1	29	
Nov. 5	United Garage & Machine Co.	Kalamazoo.	Auto repairing	3		3	
Nov. 22	Upjohn Co., The	Kalamazoo.	Pharmaceuticals	127	106	233	2
Dec. 19	Van Bochove & Sons Mfg. Co.	Kalamazoo.	Interior finish	8		8	
Nov. 26	VanGorder Ruling Co.	Kalamazoo.	Ruled paper	6	4	10	
Nov. 21	Vorenkam Sisters	Kalamazoo.	Millinery		4	4	
Nov. 21	Waddle, M. D.	Kalamazoo.	Auto repairing.	3		3	
Dec. 13	Walsh, A. W. Co.	Kalamazoo.	Groceries	20	3	23	
Dec. 19	Watson & Squier	Kalamazoo.	Vulcanizing	1		1	
Dec. 14	Western Board & Paper Co.	Kalamazoo.	Paper board	74	1	75	
Dec. 14	Western Paper Makers Chemical Co.	Kalamazoo.	Chemicals	41	2	43	1
Nov. 1	Western Union Telegraph Co.	Kalamazoo.	Telegraph service	16	7	23	8
Nov. 6	Wheeler-Blaney Co.	Kalamazoo.	Plumbing	44		44	
Dec. 19	Winslow, Edward L.	Kalamazoo.	Monuments	3		3	
Nov. 14	Young, A. M. & Co.	Kalamazoo.	Specialties	1	6	7	
Dec. 14	Young Rug Co.	Kalamazoo.	Rugs	12	2	14	
Nov. 14	Zantenza & Workman	Kalamazoo.	Feed	2		2	
Dec. 6	Harrison & Son	Schoolcraft.	Lumber	3		3	
Dec. 6	Island Creamery, The	Schoolcraft.	Dairy products	2		2	
Dec. 6	Knappen, Chas.	Schoolcraft.	Coal and seeds	3		3	
Dec. 6	Municipal Light & Water Works	Schoolcraft.	Water and light	2		2	
Dec. 6	Schoolcraft Express, The.	Schoolcraft.	Printed matter	2	1	3	
Dec. 6	Stuart Grain Co.	Schoolcraft.	Flour, grain, etc.	3		3	
Dec. 5	Bishop Creamery Co.	Vicksburg.	Dairy products	3		3	
Dec. 5	Boston Bakery	Vicksburg.	Baked goods	3	1	4	
Dec. 5	Godshalk, J. M.	Vicksburg.	Flour and feed	3		3	
Dec. 5	Haas, R. J.	Vicksburg.	Plumbing	5		5	
Dec. 5	Hudson, Chas.	Vicksburg.	Farm products	4		4	
Dec. 5	Jenkinson, R. D.	Vicksburg.	Grain, flour, etc.	3		3	
Dec. 5	Lawrence, L. R.	Vicksburg.	Coal	3		3	
Dec. 5	Lee Paper Co.	Vicksburg.	Paper	156	86	242	
Dec. 5	Miner, Edward H.	Vicksburg.	Flour, grain, etc.	4		4	
Dec. 5	Rawson, Mrs. E. D.	Vicksburg.	Millinery		2	2	
Dec. 5	Tobey Bros.	Vicksburg.	Auto repairing.	2	1	3	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>KALAMAZOO Co.—Con.</b>							
Dec. 5	Vicksburg Governor Co.	Vicksburg.	Engine governors.	48		48	
Dec. 5	Vicksburg Lumber Co.	Vicksburg.	Lumber and coal.	4		4	
Dec. 4	Vicksburg Semi-Weekly Commercial, The	Vicksburg.	Printed matter.	3	3	6	
Dec. 5	Vicksburg Steam Laundry	Vicksburg.	Laundry.	3		3	
Dec. 5	Village Light & Water Plant.	Vicksburg.	Light and water.	5		5	
<b>KALKASKA COUNTY.</b>							
April 26	Johnson, Elmer F.	Kalkaska.	Auto repairing.	2		2	
April 25	Kalkaska City Water Works.	Kalkaska.	Water.	2		2	
April 25	Kalkaska Handle Co.	Kalkaska.	Broom handles, etc.	40		40	
April 26	Kalkaska Light & Power Co.	Kalkaska.	Light and power.	5		5	
April 26	Kalkaska Publishing Co., The.	Kalkaska.	Printed matter.	2		2	
April 26	Kalkaska Toy Co., The	Kalkaska.	Toys.	2		2	
April 25	Lehner, M. N. Hardware Co.	Kalkaska.	Hardware.	3		3	
April 26	Michigan State Telephone Co.	Kalkaska.	Telephone service.	1	5	6	
April 26	Richardson, O. E.	Kalkaska.	General repairing.	4		4	
April 25	Sieting, Geo. H.	Kalkaska.	Hardware.	2		2	
April 26	McFarren, J. M.	Rapid City.	Farm implements.	3		3	
April 25	Perkins, J. E.	South Boardman	Auto repairing.	2		2	
April 25	Rolle, S.	South Boardman	Blacksmithing.	1		1	
April 25	Young, Frank S.	South Boardman	Flour and feed.	2		2	
<b>KENT COUNTY.</b>							
Sept. 18	Ada Garage.	Ada.	Auto repairing.	3		3	
Sept. 18	Frisbie, A. E. & Co.	Ada.	Baskets.	7		7	
Sept. 18	Grand Rapids Grain & Milling Co.	Ada.	Flour, etc.	3		3	
Sept. 18	Haskin, F. W.	Ada.	Auto repairing.	3		3	
Sept. 18	Rewa, Wm.	Ada.	Blacksmithing.	2		2	
Sept. 24	Alto Cooperative Creamery Assn., Ltd., The.	Alto.	Dairy products.	3		3	
Sept. 24	Alto Elevator Co.	Alto.	Grain and beans.	2	8	10	
Sept. 24	Alto Lumber Co.	Alto.	Lumber and coal.	2		2	
Sept. 24	Citizens Telephone Co.	Alto.	Telephone service.	1	2	3	
Sept. 24	Wachter & Davis.	Alto.	Blacksmithing.	2		2	
Oct. 5	Belmont Mills & Elevator.	Belmont.	Coal and feed.	2		2	
Sept. 27	Acme Cement Plaster Co.	Beverly.	Fireproof tiling.	14		14	
Sept. 27	Acme Cement Plaster Co.	Beverly.	Plaster.	41	1	42	
Sept. 26	Timmer, Nick.	Beverly.	Meats.	1		1	
Dec. 7	Streelman, A. & Co.	Burton Heights.	Meats.	2		2	
Dec. 5	Arendsen Bros.	Byron Center.	Farm machinery.	4		4	
Dec. 5	Byron Center Creamery Co.	Byron Center.	Dairy products.	2		2	
Dec. 5	Byron Center Grain & Fuel Co.	Byron Center.	Grain and fuel.	3		3	
Dec. 5	Geukes, Henry.	Byron Center.	Meats.	1		1	
Dec. 5	Holleman-DeWeerd Auto Co.	Byron Center.	Auto repairing.	7		7	
Dec. 5	Kamminga, K.	Byron Center.	Harness.	2		2	
Oct. 25	Babcock, S. B.	Caledonia.	Meats.	1	1	2	
Oct. 25	Caledonia Cooperative Co-partnership Creamery Co.	Caledonia.	Dairy products.	9	1	10	
Oct. 25	Caledonia Lumber & Coal Yard.	Caledonia.	Lumber and coal.	2		2	
Oct. 25	Caledonia Milling Co.	Caledonia.	Flour and feed.	3		3	
Oct. 25	Caledonia News, The.	Caledonia.	Printed matter.	1	2	3	
Oct. 25	Citizens Telephone Co.	Caledonia.	Telephone service.	1	4	5	
Oct. 25	Dodge & Wenger Garage.	Caledonia.	Auto repairing.	4		4	
Oct. 25	Geise, C. F.	Caledonia.	Blacksmithing.	1		1	
Oct. 25	Staiger, Conrad F.	Caledonia.	Auto repairing.	2		2	
Oct. 25	Wilson, M. Elevator Co.	Caledonia.	Grain and beans.	5	35	40	
Oct. 25	Youngblood, D. B.	Caledonia.	Blacksmithing.	1		1	
Oct. 2	Casnovia Garage.	Casnovia.	Auto repairing.	2	1	3	
Oct. 12	Casnovia Herald, The.	Casnovia.	Printed matter.	1	2	3	
Oct. 12	Norris, J. L. & Son.	Casnovia.	Grain and beans.	4	22	26	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
KENT Co.—Con.							
Oct. 4	Avery Cooperage Co., The	Cedar Springs	Barrels	4		4	
Oct. 4	Beucus, John	Cedar Springs	Hardware, plumbing, etc.	7		7	
Oct. 2	Brown, F. A.	Cedar Springs	Grain and beans	2		2	
Oct. 3	Caywood, M. D.	Cedar Springs	Harness	2		2	
Oct. 2	Cedar Springs Cooperative Co-partnership Creamery Co., Ltd.	Cedar Springs	Dairy products	10		10	
Oct. 3	Cedar Springs Liberal	Cedar Springs	Printed matter	1	1	2	
Oct. 4	Cedar Springs Water Works	Cedar Springs	Water	1		1	
Oct. 3	Central Garage	Cedar Springs	Auto repairing	4		4	
Oct. 4	Citizens Telephone Co.	Cedar Springs	Telephone service	2	4	6	
Oct. 4	"Clipper," The	Cedar Springs	Printed matter	3		3	
Oct. 3	Consumers Power Co.	Cedar Springs	Light and power	1		1	
Oct. 3	Culver, E. B.	Cedar Springs	Jewelry	1		1	
Oct. 3	DeGroat, John	Cedar Springs	Plumbing	2	1	3	
Oct. 4	Dorman, Mrs. G. W.	Cedar Springs	Millinery		2	2	
Oct. 3	Dorman, G. W.	Cedar Springs	Vulcanizing	1		1	
Oct. 3	Frenett, P. L.	Cedar Springs	Blacksmithing	2		2	
Oct. 3	Hall & Knaak	Cedar Springs	Wagon repairing	3		3	
Oct. 3	Holland, J. M.	Cedar Springs	Grain	2	1	3	
Oct. 3	Knapp, E. & Son	Cedar Springs	Blacksmithing	2		2	
Oct. 3	Morley, Howard	Cedar Springs	Lumber	1		1	
Oct. 4	Munsell Crate & Handle Works	Cedar Springs	Crates and handles	2		2	
Oct. 3	Randall, Overlie & Miller	Cedar Springs	Meats	4		4	
Oct. 4	Reiner, E. A.	Cedar Springs	Grain and beans	4	20	24	
Oct. 4	Sanford, M. E.	Cedar Springs	Lumber	2	1	3	
Oct. 4	Shaw, A. H. & Son	Cedar Springs	Flour and feed	2		2	
Oct. 3	Smith, E. D.	Cedar Springs	Millinery	1	1	2	
Oct. 3	Starks, Fred & Co.	Cedar Springs	Meats	2		2	
Oct. 3	Thurston, E. B.	Cedar Springs	Auto repairing	4		4	
Oct. 5	Childsdale Paper Mills	Childsdale	Paper	11		11	
Dec. 4	Hachmuth Pure Food Co.	Comstock Park	Canning	12	12	28	3
Dec. 4	Hayes, M.	Comstock Park	Coal and wood	2	1	3	
Dec. 4	Hice's Garage	Comstock Park	Auto repairing	3		3	
Dec. 4	Hice, T. A.	Comstock Park	Meats	1		1	
May 23	Lamoreaux, J. Neal	Comstock Park	Fuel	6	1	7	
Dec. 3	Porter, F. C.	Comstock Park	Flour and feed	2		2	
Dec. 3	Wallin Leather Co.	Comstock Park	Leather	60		60	2
Dec. 3	Wallin Leather Co.	Comstock Park	Leather	124	3	127	6
Oct. 26	Good, J. W.	Dutton	Feed and grain	2		2	
Oct. 26	Michigan State Telephone Co.	Dutton	Telephone service	1	2	3	
Oct. 5	Munro, David	Edgerton	Flour and feed	4		4	
April 13	Ackerman, W. M. Electric Co.	Grand Rapids	Electrical supplies	21	2	23	2
May 9	Acme Welding & Repair Co.	Grand Rapids	Repairing	5	1	6	
April 17	Adjustable Table Co.	Grand Rapids	Steel furniture	107	13	120	5
Sept. 27	Alabastine Co.	Grand Rapids	Wall coating	39	53	92	2
April 23	Alaska Fur Co.	Grand Rapids	Furs	3	15	18	
May 28	Albee's Livery & Garage	Grand Rapids	Auto repairing	15		15	
April 14	Alden & Judson	Grand Rapids	Hardware	5	2	7	
April 17	Allen & Dorthy	Grand Rapids	Auto repairing	9	1	10	
April 28	Allport, A. B.	Grand Rapids	Roofing	4	1	5	
June 20	American Artificial Stone Co.	Grand Rapids	Cement blocks	3		3	
April 12	American Bakery	Grand Rapids	Baked goods	5		5	1
May 25	American Box Board Co.	Grand Rapids	Corrugated paper	60	30	90	9
May 24	American Box Board Co.	Grand Rapids	Box board	298	11	309	
May 24	American Box Board Co.	Grand Rapids	Paper boxes	29	103	132	
Oct. 1	American Cement Plaster Co., The	Grand Rapids	Gypsum products	98		98	2
May 25	American Fibre Package Co.	Grand Rapids	Fibre cases	75	75		
April 23	American Metal Weather Strip Co.	Grand Rapids	Weather strips	7	2	9	
May 2	American Seating Co.	Grand Rapids	Furniture	664	8	672	12
Nov. 5	Anheuser-Busch Brewing Assn.	Grand Rapids	Beer	5	1	6	
May 16	Anway Co., The	Grand Rapids	Furniture	4	2	6	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>KENT Co.—Con.</b>							
April 24	Attwood Brass Works.....	Grand Rapids...	Brass goods.....	16	1	17	2
Dec. 31	Audrian, Ed. R.....	Grand Rapids...	Tailoring.....	2	2	4	
May 1	Austin Automobile Co.....	Grand Rapids...	Automobiles.....	10	1	11	
April 14	Austin, G. R.....	Grand Rapids...	Auto repairing.....	5	1	6	
Jan. 17	Auto Inn, The.....	Grand Rapids...	Auto repairing.....	4	1	5	
April 23	Auto Tire & Vulcanizing Co.....	Grand Rapids...	Tire repairing.....	5		5	
April 23	Auto Trim Co.....	Grand Rapids...	Auto repairing.....	3		3	
May 31	Bailey, E. C.....	Grand Rapids...	Auto repairing.....	3		3	
April 3	Baker, Fred.....	Grand Rapids...	Repairing.....	3		3	
June 22	Baldwin, H. T.....	Grand Rapids...	Wagon repairing.....	5		5	
April 5	Baldwin, Tuthill & Bolton.....	Grand Rapids...	Machinery.....	80	3	83	2
Dec. 22	Barclay, Ayers & Bertech Co.....	Grand Rapids...	Mill supplies.....	12	4	16	
June 8	Barkley, H. E.....	Grand Rapids...	Wagons and trucks.....	13	1	14	
May 14	Barkwell Buick Sales Co.....	Grand Rapids...	Auto repairing.....	13	2	15	
May 9	Barlow Bros.....	Grand Rapids...	Book binders.....	7	6	13	1
June 1	Barnard, R. A. Co.....	Grand Rapids...	Interior decorating.....	16	4	20	
May 19	Bates, W. A. Turning Co.....	Grand Rapids...	Wood turning.....	9		9	
April 2	Batties Fuel & Building Material Co.....	Grand Rapids...	Building material.....	21	1	22	
April 21	Bauer & Pease.....	Grand Rapids...	Auto repairing.....	5		5	
Dec. 29	Baxter's Garage.....	Grand Rapids...	Auto repairing.....	2	1	3	
Sept. 28	Baxter Laundry Co., The.....	Grand Rapids...	Laundry, etc.....	86	159	245	4
April 11	Bayne, James Co., The.....	Grand Rapids...	Engraving.....	65	34	99	3
April 11	Bechtold Bros. Upholstering Co.....	Grand Rapids...	Upholstered furniture.....	9		9	
June 5	Becker Auto Co.....	Grand Rapids...	Auto repairing.....	40	8	48	
April 2	Becker Mills.....	Grand Rapids...	Feed and grain.....	3		3	
Jan. 2	Beelby-Neureither Motor Sales Co.....	Grand Rapids...	Auto repairing.....	5	1	6	
May 7	Behnke, G. H.....	Grand Rapids...	Feed and fuel.....	8	1	9	
May 10	Bel-Car-Mo Nut Butter Co., The.....	Grand Rapids...	Peanut butter.....	4	4	8	
June 8	Belknap Wagon Co., The.....	Grand Rapids...	Auto bodies.....	29	1	30	
Dec. 31	Bennett Fuel & Ice Co.....	Grand Rapids...	Coal and ice.....	37	1	38	
Sept. 27	Berkey, W. A. Furniture Co.....	Grand Rapids...	Furniture.....	106		106	
May 31	Berkey & Gay Furniture Co.....	Grand Rapids...	Furniture.....	661	26	687	
Sept. 13	Berman & Mindel.....	Grand Rapids...	Meats.....	2		2	
Nov. 9	Bertech, Herold Shoe Co.....	Grand Rapids...	Shoes.....	56	39	95	2
Oct. 1	Bestwall Mfg. Co.....	Grand Rapids...	Wall board.....	92		92	1
April 10	Bettin, Otto.....	Grand Rapids...	Plumbing.....	3		3	
April 20	Bignell Bros.....	Grand Rapids...	Machinery.....	4		4	
June 21	Bissell Carpet Sweeper Co.....	Grand Rapids...	Carpet sweepers.....	345	56	401	18
May 1	Black, F. D.....	Grand Rapids...	Monuments.....	7	1	8	
May 23	Blue Valley Creamery Co.....	Grand Rapids...	Dairy products.....	14	13	27	1
May 22	Blymeir, Fred J.....	Grand Rapids...	Painting and papering.....	30	1	31	
May 7	Bommelie, Wm. & Son.....	Grand Rapids...	Junk.....	8	2	10	
June 15	Boss Leather Co., The.....	Grand Rapids...	Leather goods.....	2		2	
May 4	Bousman Mfg. Co.....	Grand Rapids...	Filters and tanks.....	4		4	
May 25	Boyce Bros.....	Grand Rapids...	Cabinet makers.....	12	1	13	
June 15	Boylard Creamery Co.....	Grand Rapids...	Dairy products.....	6	1	7	
May 8	Bradley Laundry Co.....	Grand Rapids...	Laundry.....	14	39	53	1
June 18	Brand, Adam.....	Grand Rapids...	Wagon repairing.....	3		3	
April 6	Braudy, M. & Sons.....	Grand Rapids...	Junk.....	21		21	
April 25	Braudy, M. & Sons.....	Grand Rapids...	Machinery.....	32	2	34	
Dec. 18	Breen & Halladay Fuel Co.....	Grand Rapids...	Fuel.....	20	1	21	
May 3	Briggs, Mrs. E.....	Grand Rapids...	Millinery.....		2	2	
June 1	Brock, Harry C.....	Grand Rapids...	Lino-type.....	6		6	1
April 17	Bronson, C. J.....	Grand Rapids...	Auto repairing.....	11	1	12	
June 21	Brooks, A. E. & Co.....	Grand Rapids...	Candy.....	29	62	91	3
June 13	Brose, Robert F.....	Grand Rapids...	Sheet metal.....	3		3	
April 10	Brower Co.....	Grand Rapids...	Novelties.....	2	3	5	
June 21	Brown & Sehler Co.....	Grand Rapids...	Leather goods.....	37	1	38	
May 8	Brummeler's, Wm. Sons Co.....	Grand Rapids...	Sheet metal.....	14	1	15	
May 10	Brummeler-Van Strien Co., The.....	Grand Rapids...	Fuel & building supplies.....	12	1	13	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
KENT Co.—Con.							
April 3	Buck, Claud R. Co.	Grand Rapids	Auto repairing.	3		3	
Dec. 20	Buczek, J. M.	Grand Rapids	Tailoring.	4		4	
April 12	Bulman, E. O. Mfg. Co., The	Grand Rapids	Wire metal specialties.	8	3	11	1
June 12	Bunker, G. W. Co.	Grand Rapids	Gravel.	16	1	17	
April 7	Burch, A. F. Co.	Grand Rapids	Upholstering.	22	4	26	3
April 10	Burton Heights Garage.	Grand Rapids	Auto repairing.	8		8	
April 9	Bustraan Coal Co.	Grand Rapids	Coal and wood.	5	1	6	
May 18	Butterworth & Lowe.	Grand Rapids	Castings.	23		23	
April 12	Cadillac Co.	Grand Rapids	Auto repairing.	17	1	18	
June 11	Carborundum Co., The.	Grand Rapids	Carborundum.	3		3	
May 18	Cargill Co., The.	Grand Rapids	Engraving, etc.	54	11	65	
April 28	Cargill, Wm. O.	Grand Rapids	Plumbing.	3	1	4	
May 7	Central Boiler & Supply Co.	Grand Rapids	Boilers.	19	1	20	
May 3	Central Engraving Co., The.	Grand Rapids	Engraving.	7		7	
April 21	Century Fuel Co.	Grand Rapids	Fuel.	18		18	
April 27	Century Furniture Co.	Grand Rapids	Furniture.	84	8	92	5
Dec. 12	Chase, W. H. Furniture Co.	Grand Rapids	Furniture.	19	1	20	
Sept. 14	Chaslafsky, J.	Grand Rapids	Auto accessories.	5		5	
April 20	Chatterton & Son.	Grand Rapids	Produce.	8	72	80	
Oct. 18	Chicago Packing House Market.	Grand Rapids	Meats.	6	1	7	
May 4	Christenson's Ice & Coal Co.	Grand Rapids	Ice and coal.	10	1	11	
May 5	Citizens Telephone Co.	Grand Rapids	Telephone service.	145	188	233	12
Jan. 9	City Bakery Co.	Grand Rapids	Baked goods.	38	3	41	
Jan. 10	City Bakery Co.	Grand Rapids	Baked goods.	17	1	18	
April 16	City Coal & Coke Co.	Grand Rapids	Coal and coke.	9	1	10	
May 31	Clark, Walter Veneer Co.	Grand Rapids	Veneer.	6	2	8	
April 3	Cline, C. C.	Grand Rapids	Motorcycles.	4		4	
April 20	Clipper Belt Lacer Co.	Grand Rapids	Belt lacers.	62	23	85	1
April 26	Cobb, Max P.	Grand Rapids	Signs.	4		4	
April 3	Colby Gear Co.	Grand Rapids	Wagons.	8		8	
Jan. 8	Collins-Northern Ice Co.	Grand Rapids	Ice.	41	2	43	
April 28	Colonial Furniture Co., The.	Grand Rapids	Furniture.	5		5	
June 15	Colonial Garage.	Grand Rapids	Auto repairing.	2		2	
June 11	Columbian Transfer Co.	Grand Rapids	Storage and draying.	37	1	38	
April 4	Commercial Printing Co.	Grand Rapids	Job printing.	4	1	5	
April 26	Commonwealth Printing Co.	Grand Rapids	Job printing.	7		7	
June 11	Compostone Co.	Grand Rapids	Stone.	4	2	6	
May 4	Connor Foundry Co.	Grand Rapids	Castings.	19	1	20	
June 22	Consolidated Chemical Co.	Grand Rapids	Medical inhalers.	1	12	13	
Dec. 31	Consumers Ice Co.	Grand Rapids	Ice.	53	2	55	
June 7	Consumers Power Co.	Grand Rapids	Electricity.	2		2	
June 7	Consumers Power Co.	Grand Rapids	Electricity.	26		26	
June 7	Consumers Power Co.	Grand Rapids	Electricity and heating.	13		13	
June 6	Consumers Power Co.	Grand Rapids	Electricity.	37		37	
June 6	Consumers Power Co.	Grand Rapids	Electricity.	2		2	
June 6	Consumers Power Co.	Grand Rapids	Electricity.	2		2	
May 1	Conti, T. A. & Son.	Grand Rapids	Marquetry.	2	1	3	
April 13	Couple-Gear Freight Wheel Co.	Grand Rapids	Trucks.	34	2	36	1
April 16	Covell-Hensen Co., The.	Grand Rapids	Job printing.	13	3	16	1
May 5	Cox, H. F. Co.	Grand Rapids	Sheet metal.	11	1	12	
May 15	Coye, Chas. A.	Grand Rapids	Awnings.	8	6	14	
May 29	Creston Fuel & Building Material Co.	Grand Rapids	Fuel.	10		10	
May 28	Creston Garage, The.	Grand Rapids	Auto repairing.	3		3	
May 3	Creston News, The.	Grand Rapids	Printed matter.	3		3	
May 4	Creston Upholstering Works.	Grand Rapids	Upholstering.	2		2	
April 30	Criswell Furniture Co., The.	Grand Rapids	Furniture.	27	1	28	1
May 17	Crocker, B.	Grand Rapids	Hides.	2		2	
June 11	Crohon & Roden Co., Ltd.	Grand Rapids	Hides.	18		18	
Sept. 12	Cross & Havens.	Grand Rapids	Meats.	2		2	
May 28	Dale Bros. Excelsior Co.	Grand Rapids	Excelsior.	6		6	



Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>KANT Co.—Con.</b>							
Jan. 10	Danbury Hat Mfg. Co.	Grand Rapids	Hats	4	1	5	
April 5	Davies-Putnam Co.	Grand Rapids	Furniture	47	2	49	
May 14	Dawson, Chas.	Grand Rapids	Auto repairing	9		9	1
June 22	Dean, Chas. V.	Grand Rapids	Auto repairing	3		3	
May 23	Dean-Hicks Co., The	Grand Rapids	Printing	69	26	95	4
May 1	Decker, W. A.	Grand Rapids	Plumbing	2	1	3	
April 3	DeClark & DeBoer	Grand Rapids	Plumbing	4		4	1
May 14	Defferential Clock Co.	Grand Rapids	Clocks	6		6	
Nov. 30	DeJager-Bultema Fuel Co.	Grand Rapids	Coal and wood	3	1	4	
May 7	DeKorne & Lindhout	Grand Rapids	Hand carving	7		7	
Jan. 4	Den Herder, J. & Co.	Grand Rapids	Meats	3		3	
May 22	DeNic, Geo. Co.	Grand Rapids	Interior finish	4		4	
Dec. 28	Denison, Dykema & Co.	Grand Rapids	Plumbing, etc.	17	1	18	
April 3	Derensy, C. Guendola	Grand Rapids	Millinery		2	2	
May 12	DeStandaard Publishing Co.	Grand Rapids	Printing	10		10	
Oct. 18	Detting, F.	Grand Rapids	Baked goods	1	1	2	
April 26	DeVries Printing Co.	Grand Rapids	Printing	4		4	1
May 22	DeWindt, A.	Grand Rapids	Photography	3		3	
May 14	DeYoung Bros. Fuel Co.	Grand Rapids	Fuel	6	1	7	
April 23	Dickinson Bros.	Grand Rapids	Engraving	40	7	47	1
April 17	Dierdorf Cigar Co.	Grand Rapids	Cigars	12	5	17	
April 2	Ditmar & Griffioen	Grand Rapids	Meats	5		5	
April 14	Division Ave. Garage	Grand Rapids	Auto repairing	10		10	
May 8	Dodda, Alexander Co.	Grand Rapids	Machinery	25		25	1
April 3	Donker & Mol	Grand Rapids	Coal and wood	13		13	
Sept. 13	Dowd, Chas.	Grand Rapids	Meats	2	1	3	
Oct. 19	Dressler, Chas. B.	Grand Rapids	Meats	2		2	
April 25	Driggs, Geo. S.	Grand Rapids	Bedding, etc.	3	1	4	
April 27	Druke, Wm. F. & Co.	Grand Rapids	Novelties	13	2	15	1
May 7	Duhamel Printing Co.	Grand Rapids	Job printing	13	2	15	2
April 28	Dunn Electric Co., Inc.	Grand Rapids	Electrical supplies	9	1	10	
June 1	Durfee Mfg. Co.	Grand Rapids	Embalming fluid	9	8	17	
April 12	Dwight, S. A.	Grand Rapids	Auto repairing	10		10	
April 16	Eagle Bakery	Grand Rapids	Baked goods	2	1	3	
June 14	East End Feed & Fuel Co.	Grand Rapids	Fuel and feed	11	1	12	
Dec. 20	Echo Publishing Co.	Grand Rapids	Printing	4	2	6	2
May 3	Eckberg Auto Sales Co.	Grand Rapids	Auto repairing	10	1	11	
April 25	Economy Dye House	Grand Rapids	Dry cleaning, etc.	8	13	21	
Jan. 1	Economy Garage	Grand Rapids	Auto repairing	3		3	
May 28	Edge, Benjamin F.	Grand Rapids	Interior finish	11	1	12	
April 21	Edge, Frank & Co.	Grand Rapids	Saws	3	1	4	
Dec. 21	Egle, Rudolf	Grand Rapids	Baked goods	2	2	4	
April 10	Elenbaas, M. J. & Sons	Grand Rapids	Feed and coal	9	1	10	
April 10	Eleveld, Mrs. Alice	Grand Rapids	Millinery		3	3	
May 23	Elliott Machine Co.	Grand Rapids	Machinery	13	24	37	
May 11	Elliott Printing Co.	Grand Rapids	Job printing	3	1	4	
May 3	Elston Packing & Storage Co.	Grand Rapids	Packing and storage	13	4	17	
May 19	Engstrom & Johnson Novelty Shop	Grand Rapids	Furniture	4		4	
May 7	Enterprise Electric Co.	Grand Rapids	Electrical supplies	11	1	12	1
April 8	Enterprise Iron & Metal Co.	Grand Rapids	Junk	15	4	19	
June 15	Etheridge Printing Co.	Grand Rapids	Job printing	16	4	20	1
May 1	Evans Printing Co.	Grand Rapids	Job printing	4	4	8	1
April 26	Evans & Retting Lumber Co.	Grand Rapids	Lumber	6	1	7	
Sept. 13	Excelsior Motorcycle Co.	Grand Rapids	Auto repairing	6		6	1
June 18	Excelsior Wrapper Co.	Grand Rapids	Excelsior wrappers	102	4	106	22
April 16	Falkel, A.	Grand Rapids	Job work	2		2	
May 16	Fasoldt, Chas.	Grand Rapids	Overalls	2	15	17	
June 21	Feldpausch Bros.	Grand Rapids	Meats	13	1	14	1
Dec. 31	Ferguson, F. Supply Co., Ltd.	Grand Rapids	Plumbing	4	1	5	
June 11	Fiber Grand Co.	Grand Rapids	Fiber cord	4	2	6	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
KENT Co.—Con.							
April 10	Field Motor Co.	Grand Rapids	Motors	5		5	
Dec. 21	Filer, Calvin	Grand Rapids	Meats	3		3	
Jan. 10	Flottorp Mfg. Co.	Grand Rapids	Aircraft propellers	59	1	60	
April 13	Folger's	Grand Rapids	Soft drinks	7	1	8	
May 1	Folger, G. H. & Son	Grand Rapids	Patterns	14	1	15	1
April 14	Forbes Stamp Co., The	Grand Rapids	Rubber stamps	4	1	5	
April 20	Forest Craft Guild	Grand Rapids	Art novelties	3	3	6	1
April 2	Fortuin, D.	Grand Rapids	Baked goods	5	1	6	
April 24	Fox Typewriter Co.	Grand Rapids	Typewriters	98	17	115	2
April 28	Franklin Print Shop	Grand Rapids	Printing	2		2	
April 18	Fritz Mfg. Co., The	Grand Rapids	Refrigerators	55	3	58	2
April 9	Fuller Station Lumber & Mfg. Co.	Grand Rapids	Lumber	5		5	
June 21	Fulton Bakery	Grand Rapids	Baked goods	3		3	
June 21	Fulton Heights Garage	Grand Rapids	Auto repairing	5		5	
June 22	Furniture City Brewing Co.	Grand Rapids	Beer	32		32	
Sept. 13	Furniture City Casket Co.	Grand Rapids	Caskets	5	2	7	
June 20	Furniture City Dry Cleaners & Dyers	Grand Rapids	Dry cleaning	5	1	6	
June 22	Furniture City Pearl Button Co., Inc.	Grand Rapids	Pearl buttons	12	6	18	1
April 14	Furniture City Plating Co.	Grand Rapids	Plating and polishing	4	1	5	
June 4	Furniture City Printing Co.	Grand Rapids	Job printing	3		3	
April 14	Gast, P. B. Soap Co.	Grand Rapids	Soap	2		2	
May 6	Gee, Paul	Grand Rapids	Auto repairing	7		7	
Jan. 8	Gelock, M. A.	Grand Rapids	General teaming	7		7	
April 12	George, Frank	Grand Rapids	Plumbing	8		8	
April 20	Gillett Roller Bearing Co.	Grand Rapids	Roller bearings	5		5	
May 18	Globe Knitting Works	Grand Rapids	Underwear	79	406	485	
April 23	Globe Printing Co.	Grand Rapids	Job printing	3		3	
May 9	Globe Vise & Truck Co.	Grand Rapids	Trucks	6	1	7	
Dec. 27	Gluz Hat & Glove Shop	Grand Rapids	Millinery and gloves		3	3	
June 19	Golden & Boter Transfer Co.	Grand Rapids	General teaming	111		111	
April 11	Gold Star Bakery	Grand Rapids	Baked goods	10		10	
Dec. 28	Goss & Co.	Grand Rapids	Millinery		2	2	
May 16	Goudswaard Bros	Grand Rapids	Hardware	5		5	
April 3	Goudswaard, C.	Grand Rapids	Fuel	4	1	5	
April 27	Grand Enameling Works	Grand Rapids	Enameling	3		3	
Nov. 9	Grand Market, The	Grand Rapids	Meats	5		5	
May 9	Grand Rapids Art Glass Co.	Grand Rapids	Art glass	7		7	
May 10	Grand Rapids Barrel Co.	Grand Rapids	Barrels	4	1	5	
May 18	Grand Rapids Bedding Co.	Grand Rapids	Bedding	56	6	62	
May 14	Grand Rapids Belting Co.	Grand Rapids	Leather belting	5	1	6	
April 30	Grand Rapids Blow Pipe & Dust Arrester Co.	Grand Rapids	Sheet metal	44		44	
May 3	Grand Rapids Board of Public Works	Grand Rapids	Light and water	28		28	
May 3	Grand Rapids Board of Public Works	Grand Rapids	Filtering	18		18	
May 3	Grand Rapids Board of Public Works	Grand Rapids	Repairing	21		21	
May 3	Grand Rapids Board of Public Works	Grand Rapids	Light	17		17	
April 24	Grand Rapids Boiler Works	Grand Rapids	Boilers	4		4	
June 14	Grand Rapids Brass Co.	Grand Rapids	Brass goods	275	31	306	13
May 11	Grand Rapids Bread Co.	Grand Rapids	Baked goods	24	2	26	
May 25	Grand Rapids Brewing Co.	Grand Rapids	Beer	46		46	
May 25	Grand Rapids Brewing Co.	Grand Rapids	Bottling beer	60		60	
May 14	Grand Rapids Brick Co.	Grand Rapids	Brick	48		48	
May 21	Grand Rapids Broom Co., The	Grand Rapids	Brooms	3		3	
May 18	Grand Rapids Brush Co.	Grand Rapids	Brushes	74	37	111	1
April 2	Grand Rapids Builders Supply Co.	Grand Rapids	Building material	6		7	
Dec. 22	Grand Rapids Butchers Supply Co.	Grand Rapids	Butchers supplies	2	1	3	
June 12	Grand Rapids Calendar Co.	Grand Rapids	Calendars	4	1	5	
April 13	Grand Rapids Casket Co.	Grand Rapids	Caskets	12	2	14	
May 28	Grand Rapids Chair Co.	Grand Rapids	Furniture	350	2	352	5
May 31	Grand Rapids Cigar Box Co.	Grand Rapids	Cigar boxes	10	16	26	2
May 5	Grand Rapids Cigar Co.	Grand Rapids	Cigars	8	1	9	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
KENT Co.—Con.							
April 2	Grand Rapids Creamery Co.	Grand Rapids.	Dairy products.	4	1	5	
May 18	Grand Rapids Custom Shirt Co.	Grand Rapids.	Shirts.	2	9	11	
May 14	Grand Rapids Dowel Works.	Grand Rapids.	Dowels.	2		2	
April 30	Grand Rapids Dress Form Co.	Grand Rapids.	Dress forms.	11	12	23	
June 20	Grand Rapids Dry Cleaners.	Grand Rapids.	Dry cleaning.	3	1	4	
May 14	Grand Rapids Electric Co.	Grand Rapids.	Electrical supplies.	23	2	25	
May 5	Grand Rapids Electrotype Co.	Grand Rapids.	Electrotypes.	24	1	25	1
Jan. 17	Grand Rapids Fancy Furniture Co.	Grand Rapids.	Furniture.	96	2	98	1
June 4	Grand Rapids Felting Co.	Grand Rapids.	Mattresses.	3	1	4	
April 3	Grand Rapids Fibre Cord Co.	Grand Rapids.	Cordage.	6	6	12	2
April 5	Grand Rapids Fibre Furniture Co.	Grand Rapids.	Fibre furniture.	90	72	162	10
May 11	Grand Rapids Forging & Iron Co.	Grand Rapids.	Steel forging.	11		11	
May 9	Grand Rapids Foundry Co., The	Grand Rapids.	Castings.	101	1	102	
May 22	Grand Rapids Furniture Co.	Grand Rapids.	Furniture.	178	3	181	
May 19	Grand Rapids Grain & Milling Co.	Grand Rapids.	Flour and feed.	7		7	
April 17	Grand Rapids Hardware Co.	Grand Rapids.	Hardware.	74	74	148	
June 14	Grand Rapids Herald, The	Grand Rapids.	Printed matter.	74	12	86	2
May 11	Grand Rapids Ice & Coal Co.	Grand Rapids.	Ice and coal.	10	1	11	
May 23	Grand Rapids & Indiana R. R. Co.	Grand Rapids.	Car repairing.	474		474	
May 19	Grand Rapids Kolatona Co.	Grand Rapids.	Soft drinks.	5		5	
May 8	Grand Rapids Lamp Co.	Grand Rapids.	Lamps.	6	1	7	
April 2	Grand Rapids Lumber Co.	Grand Rapids.	Lumber.	6		6	
April 18	Grand Rapids Lumber Co.	Grand Rapids.	Lumber.	5		5	
June 14	Grand Rapids Lumber Co.	Grand Rapids.	Lumber.	5		5	1
May 18	Grand Rapids Lumber Co.	Grand Rapids.	Interior finish.	31	1	32	
April 9	Grand Rapids Malleable Works.	Grand Rapids.	Castings.	297	42	339	1
April 3	Grand Rapids Monument Co.	Grand Rapids.	Monuments.	6		6	
April 9	Grand Rapids Oil Co.	Grand Rapids.	Oil products.	13	1	14	
April 12	Grand Rapids Ornamental Iron & Wire Works.	Grand Rapids.	Wire ornaments.	3		3	
Jan. 11	Grand Rapids Overland Co.	Grand Rapids.	Auto salesroom.	40	8	48	
April 23	Grand Rapids Panel Co.	Grand Rapids.	Machinery.	6		6	
May 10	Grand Rapids Paper Box Co.	Grand Rapids.	Paper boxes.	41	82	123	6
June 15	Grand Rapids Piano Case Co.	Grand Rapids.	Piano cases.	120		120	7
Sept. 29	Grand Rapids Plaster Co.	Grand Rapids.	Gypsum.	19		19	
Sept. 30	Grand Rapids Plaster Co.	Grand Rapids.	Gypsum.	44		44	
May 25	Grand Rapids Press.	Grand Rapids.	Printed matter.	108	18	126	2
May 2	Grand Rapids Printing Co.	Grand Rapids.	Job printing.	8		8	1
April 24	Grand Rapids Railway Co.	Grand Rapids.	Car repairing.	48		48	
Nov. 13	Grand Rapids Refrigerator Co.	Grand Rapids.	Refrigerators.	513	8	521	14
May 17	Grand Rapids Salvage Co.	Grand Rapids.	Junk.	27	2	29	
Dec. 21	Grand Rapids Sanitary Market.	Grand Rapids.	Meats.	3		3	
April 9	Grand Rapids School Equipment Co.	Grand Rapids.	School equipments.	113	3	116	3
May 2	Grand Rapids Screen Co.	Grand Rapids.	Screens.	8	1	9	1
May 7	Grand Rapids Sheet Metal & Roofing Co.	Grand Rapids.	Sheet metal.	7		7	
May 15	Grand Rapids Shoe Trimming Co.	Grand Rapids.	Shoe trimming.	1	8	9	
May 11	Grand Rapids Show Case Co.	Grand Rapids.	Metal work.	51		51	3
May 11	Grand Rapids Show Case Co.	Grand Rapids.	Show cases.	432	25	457	4
May 22	Grand Rapids Sticky Fly Paper Co.	Grand Rapids.	Fly paper.	22	33	55	
Jan. 1	Grand Rapids Taxicab Co.	Grand Rapids.	Taxicabs.	16		16	
April 20	Grand Rapids Textile Machinery Co., The.	Grand Rapids.	Textile machinery.	26	1	27	
April 28	Grand Rapids Trunk Co.	Grand Rapids.	Trunks.	2	1	3	
April 21	Grand Rapids Upholstering Co.	Grand Rapids.	Upholstered furniture.	72	5	77	1
June 21	Grand Rapids Varnish Co.	Grand Rapids.	Varnish.	13		13	1
April 27	Grand Rapids Veneer Works.	Grand Rapids.	Veneer, panels, etc.	180	4	184	4
Dec. 31	Grand Rapids Wood Finishing Co.	Grand Rapids.	Wood stains, etc.	19	2	21	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
KENT Co.—Con.							
Sept. 28	Grandville Avenue Garage, The	Grand Rapids	Auto repairing	4		4	
June 15	Grandville Dairy	Grand Rapids	Dairy products	17	2	19	
April 6	Great Western Oil Co., The	Grand Rapids	Oils and greases	17	3	20	
April 12	Grocers Baking Co.	Grand Rapids	Baked goods	17	1	18	
Dec. 12	Grooters, H.	Grand Rapids	Meats	2		2	
April 14	Guarantee Vulcanising Co.	Grand Rapids	Auto repairing	3		3	
April 10	Gunn Furniture Co., The	Grand Rapids	Sectional bookcases	275	10	285	26
June 15	Hammer & Cortenhof	Grand Rapids	Hardware	5	1	6	
April 23	Haney School Furniture Co.	Grand Rapids	School seats	68	4	72	1
April 24	Hanford Lumber Co., The	Grand Rapids	Lumber	6	1	7	
April 25	Harring, F. J. & Co.	Grand Rapids	Brass castings	9		9	
April 18	Harrison Land Co., Ltd.	Grand Rapids	Gravel, etc.	14		14	
May 24	Hart Mirror Plate Co.	Grand Rapids	Plate glass	65		65	3
June 12	Hartnacke, M.	Grand Rapids	Millinery		3	3	
April 26	Hatch, Mrs. Fred	Grand Rapids	Baked goods		3	3	
April 20	Haven, R. H. & Son	Grand Rapids	Wire work	6		6	
June 15	Haven, T. J. Electric Co.	Grand Rapids	Electrical supplies	4		4	
Dec. 14	Hayden, J. M. Co.	Grand Rapids	Mill supplies	4	1	5	
June 7	Hayes-Ionia Co.	Grand Rapids	Auto bodies	100	3	112	7
April 12	Haynes, Ralph	Grand Rapids	Auto repairing	6		6	
June 22	Heather, Victor U.	Grand Rapids	Sheet metal	7	1	8	
May 24	Hegeman Machine Works	Grand Rapids	Machine repairing	1		1	
April 18	Heins, H. J. Co.	Grand Rapids	Pickles	22	9	31	
June 20	Hekman Biscuit Co.	Grand Rapids	Baked goods	18	15	33	2
April 2	Henderson Milling Co.	Grand Rapids	Flour and feed	9	2	11	
April 4	Hense, Irene L.	Grand Rapids	Millinery		4	4	
Jan. 8	Her, Chas. F.	Grand Rapids	Meats	3		3	1
April 11	Heth Bros.	Grand Rapids	Furnaces	5	1	6	1
May 22	Heystek & Canfield Co.	Grand Rapids	Paper and paint	32	15	47	1
April 27	Hill Domestic Bakery	Grand Rapids	Baked goods	23	1	24	
May 16	Hill Garage & Machinery Co.	Grand Rapids	Auto repairing	5		5	1
May 16	Hill Plumbing Co.	Grand Rapids	Plumbing	3	1	4	
June 14	Hilton, H. Judd	Grand Rapids	Baked goods	2	1	3	
April 12	Hilton, H. P.	Grand Rapids	Baked goods	2	1	3	
April 18	Himes, A. Coal Co.	Grand Rapids	Fuel	14	1	15	
April 26	Hirth, Fred H.	Grand Rapids	Cut stone	8	1	9	
Nov. 8	Hirth-Krause Co.	Grand Rapids	Shoes	14	9	23	2
June 11	Holcomb, A. L. & Co.	Grand Rapids	Saws	3		3	
June 15	Home Fluff Rug Manufactory, The	Grand Rapids	Rugs	2	1	3	
April 21	Home Fuel Co.	Grand Rapids	Fuel	7	1	8	
June 1	Hooper, Harry	Grand Rapids	Blacksmithing	6		6	
May 31	Hopson, W. C. Co.	Grand Rapids	Sheet metal	14	2	16	1
April 20	Hulet & Van Heulen Fuel Co.	Grand Rapids	Fuel	10		10	
April 28	Huneman, G. J.	Grand Rapids	Plumbing	3	1	4	
Jan. 1	Huyge & Backart Coal Co.	Grand Rapids	Coal, grain, etc.	7		7	
April 18	Hyde, A. & Son	Grand Rapids	Fuel and feed	7		7	
Dec. 21	Ideal Bakery	Grand Rapids	Baked goods		3	3	
May 5	Ideal Clothing Co., The	Grand Rapids	Clothing	8	38	46	
April 26	Ideal Foundry Co.	Grand Rapids	Castings	32		32	
May 2	Ideal Paper Box Co.	Grand Rapids	Paper boxes	2	7	9	
April 10	Imperial Chemical Co.	Grand Rapids	Spray material	18	1	19	
April 13	Imperial Furniture Co.	Grand Rapids	Tables	409	26	435	14
April 17	Imperial Machinery Co.	Grand Rapids	Machinery	13	1	14	1
April 17	Independent Garage	Grand Rapids	Auto repairing	3		3	
April 24	Inner Shoe Tire Co.	Grand Rapids	Tire re-enforcement	11	2	13	
May 31	International Harvester Co. of America	Grand Rapids	Farm implements	16	3	19	
Jan. 14	Jandorf, C. S.	Grand Rapids	Baked goods	14	17	31	
Dec. 20	Jansen, Henry	Grand Rapids	Baked goods	2	2	4	
Dec. 18	Jardine, Robert K. Lumber Co.	Grand Rapids	Lumber	4		4	
Sept. 27	Jasperse, John	Grand Rapids	Coal & building supplies	4	1	5	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>KENT Co.—Con.</b>							
May 8	Jeltes, S. & Son	Grand Rapids	Wood turning	6		6	
June 22	Jennings Mfg. Co.	Grand Rapids	Perfumes	15	14	29	1
June 19	Jesiek Boat Co.	Grand Rapids	Boats	5	1	6	
Nov. 30	Johnson Furniture Co.	Grand Rapids	Furniture	146	2	148	5
May 10	Johnson, G. J. Cigar Co.	Grand Rapids	Cigars	30	374	404	10
April 10	Johnson, H. M. & Co.	Grand Rapids	Bicycles	3		3	
June 8	Johnson's, J. B. Sons Co.	Grand Rapids	Printed matter	6	2	8	
May 5	Joyce, A. L. & Son.	Grand Rapids	Soft drinks	6	1	7	
Jan. 8	Kamstra, John	Grand Rapids	Meats	3		3	
Oct. 19	Katz, L. J.	Grand Rapids	Meats	6	1	7	
May 29	Keeler Brass Co.	Grand Rapids	Brass goods	316	121	437	40
June 18	Kelly Ice Cream Co.	Grand Rapids	Ice cream	9		9	
April 17	Kelly Shirt Co.	Grand Rapids	Shirts	5	18	23	
April 13	Kent State Garage & Supply Co.	Grand Rapids	Auto repairing	4	1	5	
Sept. 14	Kent Steel & Construction Co.	Grand Rapids	Steel products	10		10	
May 17	Kent Storage Co.	Grand Rapids	Cold storage	26	1	27	
June 6	Kiefer, Edgar S. Tanning Co.	Grand Rapids	Leather	46		46	
April 16	Kindel Bed Co., The	Grand Rapids	Beds	116	6	122	12
May 31	Kinsey, E. L.	Grand Rapids	Shirts	6	30	36	
April 2	Kleynenberg, A. C.	Grand Rapids	Baked goods	3	1	4	
April 2	Klise Mfg. Co.	Grand Rapids	Carving	42	2	44	2
April 5	Knappe John, Machine Co.	Grand Rapids	Hardware	56	2	58	6
June 15	Knee Heating Co.	Grand Rapids	Heating and plumbing	13		13	
June 8	Knickerbocker Press, The	Grand Rapids	Job printing	4		4	1
April 24	Kopf Wagon Co.	Grand Rapids	Wagons	2		2	
May 25	Kroeze & Weeber	Grand Rapids	Sheet metal	3		3	
May 29	Kuennen, C. G.	Grand Rapids	Plumbing	15		15	
May 16	Kugel Bros.	Grand Rapids	Upholstering	4		4	
April 14	Kugel, John & Sons	Grand Rapids	Upholstering	4		4	
May 29	Kuppenheimer Cigar Co.	Grand Rapids	Cigars	20	6	26	
June 22	Lake Drive Auto Co.	Grand Rapids	Auto repairing	6		6	1
April 3	LaMode Hat Shop	Grand Rapids	Millinery		3	3	
April 3	Lang, Jos. B.	Grand Rapids	Plumbing	2	1	3	
April 25	Langereis, H. H. D.	Grand Rapids	Printing	3		3	
May 8	Lauson Furniture Co.	Grand Rapids	Furniture	27	15	42	2
May 2	Lavier & Long Electric Co.	Grand Rapids	Storage batteries	2		2	
Dec. 31	Lehnen Co.	Grand Rapids	Feed and fuel	4	1	5	
April 12	Lehnen, Geo. L.	Grand Rapids	Plumbing	2	1	3	
May 24	Lehnen, Herbert W.	Grand Rapids	Feed and fuel	8	1	9	
May 23	Leitelt, Adolph Iron Works	Grand Rapids	Elevators	93	1	94	
May 18	Leonard, Geo. M. Co.	Grand Rapids	Paste	4		4	
April 30	Letellier, F. & Co.	Grand Rapids	Interior finish	32	1	33	
May 14	Letson Taxicab Co.	Grand Rapids	Auto repairing	4		4	
Dec. 17	Lewellyn Bean Co.	Grand Rapids	Beans	11	86	97	
May 21	Lewis Electric Co.	Grand Rapids	Electrical supplies	23	3	26	
May 9	Lincoln, H. F.	Grand Rapids	Type setting	4		4	1
June 19	Lindner Interior Mfg. Co.	Grand Rapids	Interior finish	48		48	
May 8	Lindquist Furniture Co.	Grand Rapids	Furniture	7		7	
May 17	Litscher, C. J. Electric Co.	Grand Rapids	Electrical supplies	12	4	16	2
May 16	Lowell Mfg. Co.	Grand Rapids	Garments	4	27	31	
May 4	Lubetaky Bros. & Kleiner	Grand Rapids	Cigars	4	136	140	
June 22	Luce Furniture Co., The	Grand Rapids	Furniture	419	5	424	16
May 14	Lundeen & Bengtson Co.	Grand Rapids	Piano benches	3		3	
Dec. 21	Lyon, Harry	Grand Rapids	Blacksmithing	2		2	
April 23	M. B. M. Shirt Co.	Grand Rapids	Shirts	1	3	4	
April 16	Macaulay Bros.	Grand Rapids	Heating	9		9	
May 12	Macey Co., The	Grand Rapids	Bookcases	182	26	208	12
May 16	MacLaren, R. J.	Grand Rapids	Auto painting	2		2	
April 11	McGregor's Steam Dye Works	Grand Rapids	Dyeing and cleaning	3		3	
April 10	Madison Square Garage	Grand Rapids	Auto repairing	9		9	

## Factory Inspection.—Continued.

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KENT CO.—Con.							
Jan. 4	Mallouch Knitting Mills	Grand Rapids	Knit goods	1	9	10	
May 9	Manhattan Machine & Tool Works	Grand Rapids	Machine saws	17	2	19	
April 16	Manns, Wm.	Grand Rapids	Plumbing	5	1	6	
April 10	Manshum, E. J.	Grand Rapids	Flour and feed	4		4	
May 29	Marquette Lumber Co.	Grand Rapids	Interior finish	42	1	43	
April 11	Mattason & Cook	Grand Rapids	Printing	3	1	3	
April 30	Matzdorf, W.	Grand Rapids	Band sawing	3		3	
May 17	Mechanical Digest, The	Grand Rapids	Printing	2		2	
April 20	Mencinsky, Miss F.	Grand Rapids	Millinery		2		
April 18	Metal Office Furniture Co.	Grand Rapids	Office furniture	75		75	
May 10	Metzger, William	Grand Rapids	Plumbing	4		4	
Dec. 27	Michigan Aircraft Mfg. Co.	Grand Rapids	Aeroplanes	9	2	11	
April 21	Michigan Brush Co.	Grand Rapids	Brushes	2	1	3	
Nov. 6	Michigan Chair Co.	Grand Rapids	Furniture	269	3	272	24
May 12	Michigan Dental Supply Co.	Grand Rapids	Dental supplies	5		5	2
May 9	Michigan Desk Co.	Grand Rapids	Desks	44	2	46	
May 21	Michigan Engraving Co.	Grand Rapids	Photo engraving	10	1	11	
April 24	Michigan Finishing Co.	Grand Rapids	Finishing & upholstering	3		3	
April 27	Michigan Fluff Rug Co.	Grand Rapids	Rugs	1	2	3	
Oct. 18	Michigan Gypsum Co.	Grand Rapids	Plaster	72	2	74	
April 24	Michigan Hearse & Motor Co.	Grand Rapids	Motor hearses	51	2	53	
June 21	Michigan Lithographing Co.	Grand Rapids	Lithographing	34	7	41	2
Oct. 20	Michigan Shoe Repair Co.	Grand Rapids	Shoe repairing	6	2	8	1
June 28	Michigan State Telephone Co.	Grand Rapids	Telephone service	78	152	230	1
April 23	Michigan Tire Co.	Grand Rapids	Auto supplies	19		19	
May 7	Michigan Wheel Co.	Grand Rapids	Marine supplies	21	1	22	
April 13	Miller Auto Sales Co.	Grand Rapids	Auto sales and repairing	15		15	
May 21	Miller, C. Delno Auto Co.	Grand Rapids	Auto sales and repairing	28	3	31	1
May 16	Miller, E. F.	Grand Rapids	Shoe repairing	2		2	
Dec. 27	Miller-Elgin Sales Co.	Grand Rapids	Auto repairing	2		2	
May 21	Mills-Broderick Printing Co.	Grand Rapids	Job printing	8	1	9	1
May 1	Model Electric Shoe Repair Shop	Grand Rapids	Shoe repairing	2		2	
Dec. 28	Mohrhardt, J. A.	Grand Rapids	Meats	9	2	11	
Dec. 28	Mohrhardt, J. C. & Co.	Grand Rapids	Meats	3		3	
May 16	Mohrhardt, Peter D.	Grand Rapids	Meats	14	3	17	
April 5	Mol, J. & Sons	Grand Rapids	Junk	3		3	
June 11	Monarch Machinery Mfg. Co.	Grand Rapids	Machinery	2	1	3	
Dec. 21	Montrim, Adolf	Grand Rapids	Shoe repairing	2		2	
June 22	Mooney, William Shirt Co.	Grand Rapids	Shirts	3	7	10	
April 20	Moon Lake Ice Co.	Grand Rapids	Ice	17		17	1
April 18	Morman, S. A. & Co.	Grand Rapids	Fuel	5		5	
May 8	Morman, S. A. & Co.	Grand Rapids	Coal	19		19	
Dec. 27	Morning Side Market	Grand Rapids	Meats	2	1	3	
April 16	Morrison, A. Iron & Metal Co.	Grand Rapids	Junk	14	4	18	
April 20	Moseley Brothers	Grand Rapids	Produce	6	12	18	
May 1	Mueller & Slack Co.	Grand Rapids	Upholstered furniture	56	4	60	1
May 21	Munson Co., The	Grand Rapids	Edge tools	3		3	
May 24	Nachtgall Mfg. Co.	Grand Rapids	Woodworking	44	2	46	
Jan. 4	Nagel, Chas. J.	Grand Rapids	Meats	3		3	
June 21	National Biscuit Co.	Grand Rapids	Baked goods	106	72	178	5
April 24	National Brass Co., The	Grand Rapids	Brass hardware	64	25	89	2
June 15	National Candy Co., Inc.	Grand Rapids	Candy	62	66	128	2
May 15	National Piano Mfg. Co.	Grand Rapids	Pianos	34	4	38	2
June 8	National Shoe Repairing Co.	Grand Rapids	Shoe repairing	9	1	10	1
May 5	National Union Drug Association	Grand Rapids	Drugs	2	4	6	
June 20	Naylor Upholstering Co.	Grand Rapids	Furniture	5	1	6	
June 12	Nelson-Matter Furniture Co.	Grand Rapids	Furniture	120	4	124	
April 3	New Era Spring & Specialty Co.	Grand Rapids	Sheet metal	25	1	26	
June 14	Newspaper Engraving Co.	Grand Rapids	Engraving	5		5	
May 18	Nichols-Clement Co.	Grand Rapids	Wood knobs	5		5	

Factory Inspection.—Continued.

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KENT Co.—Con.							
June 18	Nichols & Cox Lumber Co.	Grand Rapids	Lumber and flooring	106	7	113	2
May 1	Nicklin Print Shop	Grand Rapids	Job printing	2		2	
April 27	Noel, John S. Co.	Grand Rapids	Electrical supplies	9	2	11	1
Dec. 27	Norwood Market	Grand Rapids	Meats	5	1	6	
April 11	Nyburg Plumbing & Heating Co.	Grand Rapids	Plumbing	7	1	8	
Dec. 27	O'Donnell & Smith	Grand Rapids	Auto repairing	4		4	
June 13	Oliver Machinery Co.	Grand Rapids	Machinery	289	8	297	1
May 7	Onderdonk Printing Co., The	Grand Rapids	Printing	14	2	16	4
Dec. 29	Oosterveer, C.	Grand Rapids	Meats	3	1	4	
Dec. 28	Oosterhof, E.	Grand Rapids	Custom clothing	2		2	
April 3	Oppeneer & McDonald	Grand Rapids	Sheet metal	3		3	
April 23	Ornamental Glass Co.	Grand Rapids	Ornamental glass	2		2	
April 10	Parova Steam Bakery	Grand Rapids	Baked goods	1	2	3	
April 26	Oswood, Frank P. Co.	Grand Rapids	Auto repairing	5	1	6	
May 10	Otte Bros.	Grand Rapids	Laundry	75	174	249	1
June 20	Paalman Furniture Co.	Grand Rapids	Furniture	50	2	52	2
June 12	Paine, C. S. Co.	Grand Rapids	Furniture	59	10	69	
May 14	Parova Steam Bakery	Grand Rapids	Baked goods	2	1	3	
Jan. 1	Pastoor Bros.	Grand Rapids	Meats	2		2	
April 10	Patterson Printing Co.	Grand Rapids	Job printing	3		3	
Dec. 21	Peckham, A. E.	Grand Rapids	Shoe repairing	2		2	
April 27	Peckham, O. T. Co.	Grand Rapids	Bicycle grips	10		10	1
June 20	Pere Marquette Railroad Co.	Grand Rapids	Car repairing	247		247	
June 20	Pere Marquette Railroad Co.	Grand Rapids	Engine repairing	614	2	616	21
June 1	Periodical Publishing Co.	Grand Rapids	Printing	9	12	21	1
April 24	Perkins & Co.	Grand Rapids	Machinery	46	1	47	
May 11	Peterlein, C. E.	Grand Rapids	Leather goods	14	6	20	
April 11	Peterson Brewing Co.	Grand Rapids	Beer	13		13	
April 11	Peterson Brewing Co.	Grand Rapids	Beer	11		11	
June 1	Phoenix Furniture Co.	Grand Rapids	Furniture	370	5	375	19
May 14	Phoenix Plating & Mfg. Co.	Grand Rapids	Plating	5	1	6	
May 2	Phoenix Sprinkler & Heating Co.	Grand Rapids	Sprinklers, etc.	81	1	82	
April 17	Piper, Claude G.	Grand Rapids	Ice cream	8	1	9	
May 9	Plank Flexible Shaft Machine Co.	Grand Rapids	Flexible shafts	9	1	10	2
April 23	Plett, Ernest J.	Grand Rapids	Custom clothing	9	2	11	
April 16	Ponce De Leon Water Co.	Grand Rapids	Distilled water	4		4	
April 23	Porter, C. O. Machinery Co.	Grand Rapids	Machinery	30	1	31	4
Jan. 2	Postal Telegraph-Cable Co.	Grand Rapids	Telegraph service	20	3	23	6
April 24	Powell Brass Mfg. Co.	Grand Rapids	Brass goods	10	1	11	1
June 14	Powell Electric Co.	Grand Rapids	Electrical supplies	5	1	6	
April 11	Powell Ink Co.	Grand Rapids	Ink	3		3	
May 15	Powell & Tatum Co.	Grand Rapids	Bookbinding	4	3	7	1
April 16	Powers & Brewer	Grand Rapids	Ice cream	2		2	
April 26	Powers-Butler Co.	Grand Rapids	Plumbing	7		7	
May 3	Powers-Tyson Printing Co.	Grand Rapids	Printing	22	5	27	1
April 26	Powers & Walker Casket Co.	Grand Rapids	Caskets	19	12	31	
May 1	Price, Mrs. Elizabeth	Grand Rapids	Millinery		4	4	
Jan. 8	Progrea Market	Grand Rapids	Meats	2		2	
April 27	Proudfit Loose Leaf Co., The	Grand Rapids	Loose leaf devices	40	20	60	3
May 22	Pulte Plumbing & Heating Co.	Grand Rapids	Plumbing	16		16	
April 7	Purdy Garage	Grand Rapids	Auto repairing	2		2	
May 12	Raab, John D. Chair Co.	Grand Rapids	Furniture	186	11	197	4
April 25	Rademaker, H. & Sons	Grand Rapids	Croquet sets	17	2	19	
June 21	Raniville, F. Co.	Grand Rapids	Electricity	5		5	
June 21	Raniville, F. Co.	Grand Rapids	Leather belting	33	4	37	1
May 2	Rapid Heater Co.	Grand Rapids	Heating appliances	3	1	4	
June 19	Rathbone Mfg. Co.	Grand Rapids	Fire places, etc.	66	2	68	
April 12	Rausser Bros.	Grand Rapids	Meats	5	1	6	
Sept. 13	Reader, G. B.	Grand Rapids	Fish	6		6	
April 23	Rearwin, W. D.	Grand Rapids	Machinery	2		2	

## Factory Inspection.—Continued.

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<b>KENT Co.—Con.</b>							
April 10	Reddeman, Miss Effie.	Grand Rapids...	Millinery	.....	2	2	.....
May 1	Reid Auto Co.	Grand Rapids...	Auto repairing	8	1	9	.....
April 11	Reinisch, H. Pipe Organ Co., The	Grand Rapids...	Pipe organs	6	.....	6	.....
April 25	Rempis & Galfmeyer Foundry Co.	Grand Rapids...	Castings	33	.....	33	.....
April 21	Rempis Garage.	Grand Rapids...	Auto repairing	5	.....	5	.....
Nov. 7	Retting Furniture Co.	Grand Rapids...	Furniture	41	4	45	.....
April 4	Rex Machine Co.	Grand Rapids...	Machine repairing	3	.....	3	1
June 12	Rex-Robinson Furniture Co., The	Grand Rapids...	Furniture	23	.....	23	.....
Jan. 14	Reynolds, H. M. Shingle Co.	Grand Rapids...	Shingles	87	2	89	.....
April 26	Rice Veneer & Lumber Co.	Grand Rapids...	Lumber	14	1	15	.....
April 16	Richards, Glendon A. Co.	Grand Rapids...	Sheet metal and roofing	35	1	36	.....
April 21	Richards Plumbing & Heating Co.	Grand Rapids...	Plumbing and heating	12	1	13	.....
April 21	Richards-Wilson Pipe Covering Co.	Grand Rapids...	Pipe covering	8	1	9	.....
May 14	Richmond, Louis.	Grand Rapids...	Rubber stamps	2	1	3	.....
June 22	Riekse Auto Co.	Grand Rapids...	Auto repairing	4	1	5	.....
Nov. 8	Rindge, Kalmbach, Logie Co.	Grand Rapids...	Shoes	65	32	97	1
Dec. 25	Rhodes Mfg. Co.	Grand Rapids...	Furnaces	7	1	8	1
Dec. 31	Robin, Sam Auto Parts Co.	Grand Rapids...	Auto parts	3	.....	3	.....
June 4	Rodenhouse, N. L.	Grand Rapids...	Book binding	2	2	4	.....
June 11	Roden Leather Co.	Grand Rapids...	Leather	112	4	116	.....
May 12	Roseberry-Henry Electric Co.	Grand Rapids...	Electrical supplies	16	2	18	.....
May 4	Rosendall Bros.	Grand Rapids...	Flour and feed	4	.....	4	.....
April 17	Rose Patch & Label Co., The	Grand Rapids...	Labels	2	3	5	.....
April 21	Rowlson Printing Co.	Grand Rapids...	Printing	3	.....	3	.....
May 10	Royal Furniture Co.	Grand Rapids...	Furniture	190	4	194	.....
April 11	Rudell Creamery	Grand Rapids...	Dairy products	2	1	3	.....
May 9	Runyen's Mfg. Co.	Grand Rapids...	Grease cabinets	5	1	6	.....
Jan. 24	Russo, G. B.	Grand Rapids...	Macaroni	3	1	4	.....
Jan. 1	Ryan, Claude M.	Grand Rapids...	Meats	1	1	2	.....
Sept. 13	Samson Trailer Corporation	Grand Rapids...	Trailers	7	.....	7	.....
May 5	Sanitary Knitting Co.	Grand Rapids...	Underwear	5	48	53	.....
May 17	Sanitary Milk Co.	Grand Rapids...	Dairy products	35	4	39	.....
May 5	Scheufler, Chas.	Grand Rapids...	Cigars	2	1	3	.....
May 21	Scheufler, C. A.	Grand Rapids...	Plumbing	3	.....	3	.....
Dec. 28	Schippers & Co.	Grand Rapids...	Custom clothing	2	1	3	.....
April 13	Schlits, Jos. Brewing Co.	Grand Rapids...	Beer	4	.....	4	.....
April 16	Schmidt, Matthew	Grand Rapids...	Monuments	11	.....	11	.....
May 2	Schneider, H. & Co.	Grand Rapids...	Cigars	14	4	18	.....
April 26	Schorstein, R. M.	Grand Rapids...	Lumber	6	.....	6	.....
Oct. 19	Schuchardt, A. L.	Grand Rapids...	Meats	2	.....	2	.....
April 10	Schulling, M. & J. Co.	Grand Rapids...	Tinware	2	1	3	.....
April 25	Schulling & Son	Grand Rapids...	Custom clothing	2	2	4	.....
May 4	Schuil Printing Co.	Grand Rapids...	Printing	14	4	18	1
Dec. 6	Schulze Baking Co.	Grand Rapids...	Baked goods	29	2	31	2
April 3	Schwoebel, Mrs. N.	Grand Rapids...	Baked goods	2	3	5	.....
April 24	Schofield, Geo. E.	Grand Rapids...	Carriage trimming	2	.....	2	.....
May 17	Security Storage & Transfer Co.	Grand Rapids...	Storage	15	.....	15	.....
June 14	Semeyn, L. H.	Grand Rapids...	Plumbing	3	.....	3	1
May 2	Seymour & Muir Printing Co.	Grand Rapids...	Job printing	18	11	29	3
April 4	Shaw, Mrs. H.	Grand Rapids...	Millinery	.....	4	4	.....
May 4	Shipman Coal Co.	Grand Rapids...	Fuel	7	1	8	.....
May 5	Siegel, Robert	Grand Rapids...	Brass	2	.....	2	.....
May 12	Simon, S. & Son	Grand Rapids...	Junk	10	2	12	.....
April 2	Simpson Granite Works	Grand Rapids...	Monuments	3	.....	3	1
April 9	Skillman Lumber Co.	Grand Rapids...	Lumber	7	3	10	.....
June 12	Sligh Furniture Co.	Grand Rapids...	Furniture	581	9	590	26
April 4	Slooter Bros.	Grand Rapids...	Brooms	3	.....	3	.....
April 16	Smith, Bert S.	Grand Rapids...	Baked goods	3	2	5	.....
April 18	Smith Bros. Iron & Metal Co.	Grand Rapids...	Junk	10	5	15	.....
May 4	Smith, E. M. Iron & Metal Co.	Grand Rapids...	Junk	5	5	10	.....



Factory Inspection.—Continued.

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<b>Kent Co.—Con.</b>							
July 13	Smith Engraving Co.	Grand Rapids.	Engraving.	4	4	8	
May 1	Smith, Geo. B.	Grand Rapids.	Wood working.	14		14	
Dec. 21	Smith & Schoonfield.	Grand Rapids.	Meats.	4		4	
May 15	Smith, Truman M. Co., The	Grand Rapids.	Machinery.	16	1	17	
May 8	Snyder Furniture Co.	Grand Rapids.	Furniture.	72	1	73	1
April 28	Sokup, F. J.	Grand Rapids.	Sheet metal.	9	1	10	
April 2	Sonneveldt Baking Co.	Grand Rapids.	Baked goods.	7	2	9	
May 14	Sparta Mfg. Co.	Grand Rapids.	Machinery.	12		12	1
April 19	Spears, C. A. & Son.	Grand Rapids.	Lumber & interior finish.	29	2	31	
April 4	Special Furniture Co.	Grand Rapids.	Furniture.	36	1	37	
May 3	Spencer, M. E.	Grand Rapids.	Tailoring.	2		2	
Jan. 1	Spiegelmaker, A. J.	Grand Rapids.	Blacksmithing.	2		2	
April 11	Sproul-McGurrin Co.	Grand Rapids.	Plumbing.	5	1	6	
April 3	Stadt's, Evert Hardware Co.	Grand Rapids.	Hardware.	4	1	5	
June 4	Stalter Edge Tool Co.	Grand Rapids.	Edge tools.	6		6	
April 12	Standard Auto Co.	Grand Rapids.	Auto repairing.	7		7	
April 11	Standard Brass Foundry Co.	Grand Rapids.	Brass castings.	3		3	
Dec. 18	Standard Builders' Supply Co.	Grand Rapids.	Builders' supplies.	9	1	10	
Sept. 29	Standard Oil Co.	Grand Rapids.	Oils.	36		36	
Sept. 29	Standard Oil Co.	Grand Rapids.	Oils.	89	15	104	
April 6	Stanley, Marietta Co.	Grand Rapids.	Toilet articles.	9	24	33	
April 25	Stanley Foundry Co.	Grand Rapids.	Brass castings.	4		4	
May 3	Stanton Printing Co.	Grand Rapids.	Printing.	8		8	1
April 13	Steel Furniture Co.	Grand Rapids.	Steel furniture.	30	4	34	1
April 30	Steil, A.	Grand Rapids.	Wood turning.	6		6	
April 11	Stein, Albert.	Grand Rapids.	Meats.	3		3	
April 14	Steinbach, H. M.	Grand Rapids.	Repairing.	2		2	
April 2	Sterken, M. L.	Grand Rapids.	Cigars.	2		2	
April 6	Sterling Desk Co.	Grand Rapids.	Desks.	26		26	
Nov. 17	Stickley Bros. Co.	Grand Rapids.	Furniture.	211	17	228	12
April 26	Stiles Bros. Co.	Grand Rapids.	Lumber.	6		6	
Dec. 22	Storage Garage, The.	Grand Rapids.	Auto repairing.	3	1	4	
May 16	Stout Cigar Co.	Grand Rapids.	Cigars.	2	1	3	
June 12	Stow & Davis.	Grand Rapids.	Furniture.	51	5	56	
June 12	Superior Laboratory Co.	Grand Rapids.	Comp. stove oil.	1	3	4	
May 1	Swan, J. A.	Grand Rapids.	Shoe repairing.	2		2	
April 14	Swart, S. A.	Grand Rapids.	Plumbing.	3		3	1
Dec. 27	Swier, Walter.	Grand Rapids.	Shoe repairing.	2	2	4	
April 24	Swiss-American Knitting Mills	Grand Rapids.	Knit goods.	8	100	117	
Sept. 12	Tamboer, P. & Son	Grand Rapids.	Meats.	2		2	
April 26	Tennewits Works, The.	Grand Rapids.	Machinery.	24	1	25	2
May 2	Taylor Printing & Publishing Co.	Grand Rapids.	Printing, etc.	7		7	1
April 17	Taselaar, Jos.	Grand Rapids.	Fuel.	5	1	6	
April 17	Taselaar, Jos. Glove Manufactory.	Grand Rapids.	Gloves.	3	12	15	
Dec. 27	Ten Hopen, J. H.	Grand Rapids.	Sheet metal.	2		2	
June 22	Terrell's Equipment Co.	Grand Rapids.	Steel lockers.	67	3	70	
April 25	Thiele, Max P. & Co.	Grand Rapids.	Photography.	3		3	
May 10	Thomas Canning Co.	Grand Rapids.	Canned goods.	139	176	315	
April 7	Thomsma Bros.	Grand Rapids.	Meats.	11	1	12	
Oct. 20	Thompson, Geo.	Grand Rapids.	Plumbing.	3	1	4	
April 23	Thompson, Geo.	Grand Rapids.	Plumbing.	5		5	
June 8	Thum Co., O. & W., The.	Grand Rapids.	Fly paper.	135	129	264	
June 15	Timmer, Bert F.	Grand Rapids.	Repairing.	5		5	
May 3	Timmer's Garage.	Grand Rapids.	Auto repairing.	3		3	1
May 17	Timmer's Ice Cream Co.	Grand Rapids.	Ice cream.	5		5	
May 5	Tisch-Hine Co., The.	Grand Rapids.	Job printing.	30	5	35	5
May 21	Toledo Plate & Window Glass Co., The	Grand Rapids.	Plate glass.	18	2	20	
May 9	Toren, H. A. Printing Co.	Grand Rapids.	Job printing.	13	2	15	1
Dec. 27	Torgna Bros.	Grand Rapids.	Meats.	3		3	
May 16	Tradesman Co., The.	Grand Rapids.	Printed matter.	22	6	28	1

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
KENT Co.—Con.							
April 13	Tucker Bindery	Grand Rapids	Book binding	1	3	4	
May 1	Turrell & Co.	Grand Rapids	Millinery		2	2	
Dec. 20	Twentieth Century Market, The	Grand Rapids	Meats	4		4	
April 18	Tyler, J. S.	Grand Rapids	Fuel	2		2	
Oct. 18	U. & I. Beef & Provision Co.	Grand Rapids	Meats	2		2	
April 6	United Motors Co.	Grand Rapids	Auto trucks	91	6	97	
Oct. 1	United States Gypsum Co.	Grand Rapids	Plaster board	17		17	
Sept. 29	United States Gypsum Co.	Grand Rapids	Plaster	55		55	
April 16	United States Laundry	Grand Rapids	Laundry	10	33	43	1
May 22	Universal Car & Service Co.	Grand Rapids	Auto sales and repairing	19	1	20	
June 14	Unsel & Stumpfig	Grand Rapids	Linotype	4		4	
May 31	Up-to-Date Vulcanizing Co.	Grand Rapids	Vulcanizing	2		2	
April 7	Valley City Bakery	Grand Rapids	Baked goods	6	1	7	
June 4	Valley City Desk Co.	Grand Rapids	Desks	134	2	136	1
May 19	Valley City Ice & Coal Co., The	Grand Rapids	Fuel	11	1	12	
May 16	Valley City Machine Works	Grand Rapids	Machinery	90	1	91	2
Dec. 24	Valley City Milling Co.	Grand Rapids	Flour and feed	68	7	75	
June 13	Valley City Motor Car Co.	Grand Rapids	Auto sales and repairing	10	3	13	
May 9	Valley City Plating Co.	Grand Rapids	Plating	10		10	
May 12	Valley City Vacuum Carpet Cleaning Co.	Grand Rapids	Carpet cleaning	3		3	
May 23	Van Alstyn, A. T. Co.	Grand Rapids	Notion specialties	3	7	10	
June 2	VanDerBerge Cigar Co.	Grand Rapids	Cigars	8	14	22	1
April 3	VanDerMeer, J. J.	Grand Rapids	Plumbing	5		5	
April 27	Vanderveer, Wm. H.	Grand Rapids	Plumbing	3	1	4	
Dec. 18	VanDriele & Co.	Grand Rapids	Flour and feed	2		2	
May 25	VanDriele & Co.	Grand Rapids	Flour and feed	7		7	
April 6	VanDuren, J. & Co.	Grand Rapids	Brooms	6	2	8	
Dec. 7	VanHouten, Wm.	Grand Rapids	Meats	2		2	
May 7	VanRossum Plumbing Co.	Grand Rapids	Plumbing	4		4	
April 17	VanVliet Bros. & Veit	Grand Rapids	Tailoring	3	1	4	
May 14	VanWiltensburg, J. & Son	Grand Rapids	Interior finish	21	1	22	
April 2	Veenstra, M. & Sons	Grand Rapids	Decorating	9	2	11	
May 2	Veltman Biscuit Co.	Grand Rapids	Baked goods	2	1	3	
April 2	Verhey-Noorthoek Lumber Co.	Grand Rapids	Lumber	17		17	
April 13	VerWys & Co.	Grand Rapids	Auto parts	8		8	
April 25	Vincent, L. H.	Grand Rapids	Mattresses	1	1	2	
April 26	Vinkemulder Co.	Grand Rapids	Fruits	21	2	23	
May 21	Vis Mfg. Co.	Grand Rapids	Machinery	3		3	
Nov. 7	Voigt Milling Co.	Grand Rapids	Flour	26	5	31	
Nov. 7	Voigt Milling Co.	Grand Rapids	Flour	18		18	
June 11	Waddell Mfg. Co.	Grand Rapids	Carvings	115		115	22
June 19	Wagemaker Co., The	Grand Rapids	Filing cabinets	50	12	62	
April 3	Wegener Bros.	Grand Rapids	Meats	4	1	5	1
June 19	Wallace Furniture Co., The	Grand Rapids	Furniture	87	2	89	1
May 24	Wallin Leather Co.	Grand Rapids	Leather	65		65	1
May 23	Wallin Leather Co.	Grand Rapids	Leather	124	3	127	6
May 23	Wallin Leather Co.	Grand Rapids	Leather	60		60	2
Oct. 19	Watkins, Arthur	Grand Rapids	Meats	2		2	
Dec. 20	Watslawik, Joseph	Grand Rapids	Tailoring	5		5	
April 16	Watson-Higgins Milling Co.	Grand Rapids	Flour and feed	16	2	18	
Dec. 27	Weatherly, C. S.	Grand Rapids	Furnaces	6		6	1
May 2	Weatherly Co., The	Grand Rapids	Furnaces	15	2	17	
Dec. 21	Weaver, Chancy L.	Grand Rapids	Meats	2		2	
April 17	Weiner Cap Co., The	Grand Rapids	Caps	4	7	11	
April 4	Welmers, Dykman Fuel Co., The	Grand Rapids	Fuel	9	1	10	
April 7	Werner Biscuit Machine Co.	Grand Rapids	Machinery	2		2	
April 12	Western Michigan Paige Co.	Grand Rapids	Auto sales	10	1	11	
May 29	Western Michigan Transfer & Storage Co.	Grand Rapids	Farm implements	4		4	
Jan. 5	Western Union Telegraph Co.	Grand Rapids	Telegraph service	66	39	105	22
Jan. 13	West Michigan Machine & Tool Co., Ltd.	Grand Rapids	Machinery	13		13	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
KENT Co.—Con.							
April 13	West Michigan Motor Co.	Grand Rapids	Auto repairing	6	2	8	
April 14	West Michigan Printing Co.	Grand Rapids	Job printing	8		8	
June 11	West Side Cut Stone Co.	Grand Rapids	Cut stone	3		3	
April 21	West Side Iron Works.	Grand Rapids	Machinery	9	1	10	
April 7	West Side Sheet Metal Works.	Grand Rapids	Sheet metal	5		5	
May 14	Wet Wash Laundry Co.	Grand Rapids	Laundry	4		4	
May 21	White Printing Co.	Grand Rapids	Job printing	28	2	30	3
April 20	Widdicomb Furniture Co.	Grand Rapids	Furniture	310	5	315	9
April 18	Widdicomb, John Co.	Grand Rapids	Furniture	215	3	218	2
Oct. 18	Williams, M.	Grand Rapids	Meats	3	1	4	
June 8	Williams Optical Co.	Grand Rapids	Optical supplies	6	1	7	
May 17	Wilmarth & Morman Co.	Grand Rapids	Grinding machinery	159	7	166	1
May 11	Wilmarth Show Case Co.	Grand Rapids	Store furniture	245	8	253	2
May 9	Winchester Printing Co.	Grand Rapids	Job printing	3	2	5	
April 28	Windsor Upholstering Co.	Grand Rapids	Upholstered furniture	12	3	15	
May 8	Winters & Stryker	Grand Rapids	Machinery	25	6	31	
Dec. 19	Wolski, C.	Grand Rapids	Meats	2		2	
Nov. 9	Wolverine Brass Works.	Grand Rapids	Plumbing specialties	298	36	334	10
April 25	Wolverine Pattern & Model Works.	Grand Rapids	Patterns	12		12	1
April 25	Wolverine Spice Co.	Grand Rapids	Spices	6	2	8	
May 8	Wonnink, E. Wood Turning Co., The.	Grand Rapids	Wood turning	8		8	
April 12	Wood, E. A. Cigar Co.	Grand Rapids	Cigars	12	2	14	
Dec. 31	Woodka Bros.	Grand Rapids	Meats	5	1	6	
April 27	Wright Machine Co.	Grand Rapids	Machinery	4	1	5	
May 8	Wykes & Co.	Grand Rapids	Mill products	5	1	6	
Dec. 6	Wykes-Schroeder Co.	Grand Rapids	Fuel & building material	7	1	8	
Sept. 26	Buskirk, W. H.	Grandville	Baked goods	1	1	2	
Sept. 19	Caldwell, R. A.	Grandville	Meats	3	1	4	
Sept. 26	Citizens Telephone Co.	Grandville	Telephone service	1	3	4	
Sept. 19	Grand Rapids Plaster Co.	Grandville	Plaster	26		26	
Sept. 19	Grandville Elevator Co.	Grandville	Grain and produce	4		4	
Sept. 19	Grandville Hardware	Grandville	Hardware and plumbing	4		4	
Sept. 26	Grandville Star	Grandville	Printed matter	2	1	3	
Sept. 19	Hammond Auto Co.	Grandville	Auto repairing	4	1	5	
Sept. 19	Michigan State Telephone Co.	Grandville	Telephone service	1	6	7	
Sept. 26	Spears, C. A. & Son	Grandville	Lumber and coal	4		4	
Sept. 19	Suburban Fuel & Ice Co.	Grandville	Coal and ice	2	1	3	
Oct. 11	Anderson, Peter & Son	Kent City	Blacksmithing	2		2	
Oct. 11	Barrett, Geo. W.	Kent City	Auto repairing	5	1	6	
Oct. 11	Brott, A. H. Lumber Co.	Kent City	Building material	4	1	5	
Oct. 11	Johnson, Mrs. Tina	Kent City	Millinery		2	2	
Oct. 11	Kent City Cheese Co.	Kent City	Cheese	2	1	3	
Oct. 11	Kent City Ice Co.	Kent City	Ice	2		2	
Oct. 11	Kent City Journal, The.	Kent City	Printed matter	1		1	
Oct. 11	Kent City Produce Co.	Kent City	Grain, beans, etc	3	1	4	
Oct. 11	Kent City Roller Mills	Kent City	Grain, feed and coal	2		2	
Oct. 11	McKelvey, Geo.	Kent City	Barrels	1		1	
Oct. 11	Michigan State Telephone Co.	Kent City	Telephone service	1	2	3	
Oct. 11	Nelson, Arthur	Kent City	Blacksmithing	1		1	
Oct. 11	Roach, W. R. & Co.	Kent City	Canned goods	199	32	231	20
Oct. 11	Soles, F. E.	Kent City	Meats	2		2	
Oct. 11	Wells, E.	Kent City	Meats	1	1	2	
Sept. 5	Andrews, Mrs. M.	Lowell	Millinery	2	2	2	
Sept. 6	Andrews & Son	Lowell	Vulcanizing	2		2	
Sept. 6	Billinger Machine Shop	Lowell	Machine repairing	1		1	
Aug. 6	Bradish, C. J.	Lowell	Harness	2		2	
Sept. 7	Citizens Telephone Co.	Lowell	Telephone service	2	4	6	
Sept. 5	Crosby Corset Co.	Lowell	Corsets	1	9	10	
Sept. 4	Fallas, Edwin Canning Co.	Lowell	Mince meat	12	16	28	
Sept. 6	Gould, F. A.	Lowell	Auto repairing	4		4	

## Factory Inspection.—Continued.

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KENT Co.—Con.							
Sept. 6	Gregory, Rufus	Lowell	Meats	2		2	
Sept. 5	Hamilton, Joseph H. Estate	Lowell	Monuments	4		4	
Sept. 4	Heins, H. J. Co.	Lowell	Pickles	3		3	
Sept. 5	Hunter, Earl	Lowell	Coal and wood	3	1	4	
Sept. 7	King Milling Co.	Lowell	Flour, feed and beans	12		12	
Sept. 6	Klump & White	Lowell	Meats	2		2	
Sept. 5	Lewis, Carl G.	Lowell	Blacksmithing	1		1	
Sept. 5	Lowell Cutter Co.	Lowell	Woodwork	87	1	88	
Sept. 5	Lowell Journal, The	Lowell	Printed matter	1	1	2	
Sept. 6	Lowell Ledger, The	Lowell	Printed matter	2	3	5	
Sept. 4	Lowell Specialty Co.	Lowell	Air sprayers	43	2	45	
Sept. 7	Lus Garage	Lowell	Auto repairing	4		4	
Sept. 4	Michigan Bent Rim & Basket Mfg. Co., The	Lowell	Binding	21		21	
Sept. 6	Overland Service Station	Lowell	Auto repairing	2		2	
Sept. 6	Roth, John F.	Lowell	Blacksmithing	2		2	
Sept. 6	Rouse, Geo. J.	Lowell	Blacksmithing	2		2	
Sept. 4	Runciman, C. H.	Lowell	Grain and beans	3	21	24	
Sept. 5	Simon, D. S.	Lowell	Custom clothing	1		1	
Sept. 6	Smith, B. C.	Lowell	Custom clothing	1	1	2	
Sept. 5	Staal, Claude	Lowell	Meats	2		2	
Sept. 6	Standard Oil Co.	Lowell	Oils	2		2	
Sept. 6	Stewart's Bakery	Lowell	Baked goods	4	2	6	1
Sept. 5	Stone, Will C.	Lowell	Dry cleaning	1		1	
Sept. 5	Storey, E. V.	Lowell	Auto repairing	2		2	
Sept. 6	Strong, H.	Lowell	Baked goods	2	1	3	
Sept. 6	Sugar Bowl, The	Lowell	Ice cream	3	1	4	
Sept. 6	Williamson & French	Lowell	Blacksmithing	2		2	
Sept. 4	Winegar Mfg. Co., The	Moseley	Wood specialties	9		9	
Nov. 5	Brown & Frost	Moseley	Grain, beans, etc.	5	1	6	
Nov. 5	Pickens, Harley	Moseley	Blacksmithing	2		2	
Nov. 5	Moseley Bros.	Moseley	Potatoes and grain	1		1	
Oct. 9	Bellows, Dennis	Rockford	Grain, beans, etc.	3	10	13	
Oct. 10	Burch, Henry	Rockford	Interior finish	4		4	
Oct. 9	Citizens Telephone Co.	Rockford	Telephone service	1	4	5	
Oct. 9	Dockeray Bros.	Rockford	Lumber, grain, etc.	6	9	15	
Oct. 9	Finch Bros.	Rockford	Meats	4		4	
Oct. 10	Forman, Ed.	Rockford	Blacksmithing	2		2	
Oct. 5	Hirth-Krause Co.	Rockford	Leather	49		49	
Oct. 9	Hirth-Krause Co.	Rockford	Shoes	90	42	132	2
Oct. 9	Hunting Co.	Rockford	Hardware, plumbing, etc.	4	1	5	
Oct. 5	Inman, T. D.	Rockford	Harness	1		1	
Oct. 9	Jensen, P. K.	Rockford	Jewelry and repairing	1	1	2	
Oct. 9	Monarch Garage, The	Rockford	Auto repairing	3	1	4	
Oct. 9	Pitts, Adèle	Rockford	Millinery		2	2	
Oct. 5	Porter, Geo. E.	Rockford	Flour and feed	3		3	
Oct. 10	Rockford Laundry	Rockford	Laundry	2	4	6	
Oct. 10	Rockford Milling Co.	Rockford	Flour, feed, etc.	1		1	
Oct. 9	Rockford Register, The	Rockford	Printed matter	1	1	2	
Oct. 10	Rouge River Light & Power Co.	Rockford	Light and power	3		3	
Oct. 9	Salaman, Wm. F.	Rockford	Tailoring	1		1	
Oct. 5	Shank, G. T.	Rockford	Auto repairing	4	1	5	
Oct. 9	Squires & Co.	Rockford	Produce	6	35	41	
Oct. 9	Standard Garage	Rockford	Auto repairing	2		2	
Oct. 5	Thomas & Peterson	Rockford	Meats	4		4	
Oct. 9	"Ye Wayside Inn"	Rockford	Baked goods	2		2	
Oct. 2	Blake, Lucius & Co.	Sand Lake	Watch repairing	1		1	
Oct. 2	Citizens Telephone Co.	Sand Lake	Telephone service	1	2	3	
Oct. 2	Goul & Son	Sand Lake	Grain and beans	3	12	15	
Oct. 2	Hamblin, Mrs. E. W.	Sand Lake	Millinery		2	2	
Oct. 2	Kinney, T. J.	Sand Lake	Auto repairing	4		4	

Factory Inspection.—Continued.

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<b>KENT CO.—Con.</b>							
Oct. 2	Ledger, V. P. & Co.	Sand Lake	Meats	3		3	
Oct. 2	McCutcheon, Gilbert	Sand Lake	Lumber and coal	2		2	
Oct. 2	Marlington, Frank	Sand Lake	Blacksmithing	2		2	
Oct. 2	Sand Lake Creamery, The	Sand Lake	Dairy products	3		3	
Oct. 2	Sand Lake Herald, The	Sand Lake	Printed matter	1	2	3	
Oct. 2	Thomson, E. V.	Sand Lake	Tinning	2		2	
Oct. 2	Tuttle, A. D.	Sand Lake	Auto repairing	1		1	
Oct. 2	Tuttle, Chas. W.	Sand Lake	Blacksmithing	1		1	
Oct. 23	Amidon Bros	Sparta	Beans	3	8	11	
Oct. 24	Averill, E. M.	Sparta	Lumber	5		5	
Oct. 24	Baldwin Mfg. Co., Inc., The	Sparta	Farm implements	42	1	43	1
Oct. 23	Brace, J. H. Co.	Sparta	Coal and ice	4		4	
Oct. 23	Haas, M. & Co.	Sparta	Meats	3		3	
Oct. 24	Klep Foundry & Mfg. Co.	Sparta	Castings	10	1	11	
Oct. 23	Laughray Silo Co., No. 3, Inc.	Sparta	Silos	7		7	
Oct. 24	Michigan State Telephone Co.	Sparta	Telephone service	1	5	6	
Oct. 23	Nelson, Miss Neva	Sparta	Millinery		2	2	
Oct. 24	Sentinel-Leader Publishing Co.	Sparta	Printing	1	2	3	
Oct. 23	Sparta Condensed Milk Co.	Sparta	Condensed milk	16	3	19	
Oct. 23	Sparta Garage	Sparta	Auto repairing	4	1	5	
Oct. 23	Sparta Home Bakery	Sparta	Baked goods	1	2	3	
Oct. 23	Sparta Lumber Co.	Sparta	Lumber	2		2	
Oct. 24	Sparta Tile & Brick Co.	Sparta	Tile and brick	27		27	
Oct. 23	Welch Mfg. Co.	Sparta	Store fixtures	137	1	138	3
Oct. 24	Whalen Grain & Produce Co.	Sparta	Grain and coal	3		3	
<b>Keweenaw County.</b>							
Nov. 14	Ahmeek Meat Market	Ahmeek	Meats	2		2	
Oct. 10	Ahmeek Mining Co.	Ahmeek	Copper	1,024		1,024	7
Nov. 14	Chopp Bros	Ahmeek	Meats	5	1	6	
Nov. 14	Kestner, Joseph G.	Ahmeek	Meats	2		2	
Nov. 14	Keweenaw Bottling & Ice Cream Factory	Ahmeek	Soft drinks & ice cream	1	1	2	
Nov. 14	Morgan & Grierson	Ahmeek	Meats	1		1	
Nov. 14	Vranesh, Stanley	Ahmeek	Tailoring	1		1	
Oct. 13	Alloues Mining Co.	Alloues	Copper	420		420	
Nov. 14	Foley Bros. & Co.	Mohawk	Meats	9		9	
Nov. 14	Jewell, Bert	Mohawk	Blacksmithing	2		2	
Nov. 14	Mohawk Mining Co.	Mohawk	Copper	651		651	7
<b>LAKE COUNTY.</b>							
May 16	Carpenter, L. C.	Baldwin	Lumber	1		1	
May 16	Duffing, Geo. F.	Baldwin	Lumber, etc.	3		3	
May 16	Kennedy's Garage	Baldwin	Auto repairing	3		3	
May 16	Lake County Star	Baldwin	Printing	1		1	
May 16	Pere Marquette R. R. Co.	Baldwin	Power	2		2	
May 18	Chubbuck & Son	Luther	Machine repairing	2		2	
May 18	Johnson, Geo. H.	Luther	Woodworking	1		1	
May 18	Luther Observer, The	Luther	Printing	2	1	3	
May 18	Luther Creamery	Luther	Dairy products	3		3	
May 18	Marsh, Felix	Luther	Harness	1		1	
May 18	Swanson Garage Co.	Luther	Auto repairing	3		3	
<b>Lapeer County.</b>							
Dec. 9	Almont Creamery Co., The	Almont	Dairy products	2		2	
Dec. 19	Almont Feed & Cider Mill	Almont	Feed	2		2	
Dec. 19	Almont Garage, The	Almont	Auto repairing	3		3	
Dec. 19	Almont Herald, The	Almont	Printed matter	1	2	3	
Dec. 19	Almont Mfg. Co., The	Almont	Castings	5		5	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	LAPEER Co.—Con.						
Dec. 19	Almont Roller Mills	Almont	Flour	2		2	
Dec. 19	Almont Table Supply Co.	Almont	Meats	3	1	4	
Dec. 19	Bishop, Frank & Son	Almont	Produce	4	1	5	
Dec. 19	Ford Service Garage	Almont	Auto repairing	2		2	
Dec. 17	Reliable Garage, The	Almont	Auto repairing	2		2	
Dec. 19	Ring, F. W.	Almont	Farm produce	2	12	14	
Dec. 19	Thomas, R. F.	Almont	Meats	2		2	
Dec. 5	Clifford Elevator Co.	Clifford	Grain and beans	2		2	
Dec. 5	East Side Creamery Co.	Clifford	Dairy products	2		2	
Dec. 5	Electric Light Works	Clifford	Light	1		1	
Dec. 5	Kelly, J. A. & Son	Clifford	Hay and beans	1	1	2	
Dec. 5	Kirby, W. S.	Clifford	Blacksmithing	2		2	
Dec. 13	Columbiaville Cooperative Dairy Co.	Columbiaville	Dairy products	2		2	
Dec. 13	Columbiaville Home News	Columbiaville	Printing	1	1	2	
Dec. 13	Columbiaville Woolen Co.	Columbiaville	Woolens	119	27	146	3
Dec. 13	Josman, Allen & Co., Ltd.	Columbiaville	Grain and produce	3		3	
Dec. 13	Osborne, R. C.	Columbiaville	Auto repairing	4		4	
Dec. 13	Peter, Wm. Estate	Columbiaville	Grain and produce	5	1	6	
Dec. 19	Harrison, Fred	Dryden	Blacksmithing	2		2	
Dec. 19	Holbrook, M. D.	Dryden	Grain, etc.	3	26	29	
Dec. 20	Gillett, H. C.	Hadley	Flour	2		2	
Dec. 20	Hadley District Dairy Association	Hadley	Dairy products	2		2	
Dec. 7	Central Meat Market	Imlay City	Meats	2		2	
Dec. 7	Collin's Bakery	Imlay City	Baked goods	4	1	5	
Dec. 7	Detroit Edison Co., The	Imlay City	Electricity	1	1	2	
Dec. 7	Haakin, M. J.	Imlay City	Tailoring	1	2	3	
Dec. 7	Imlay City Creamery, The	Imlay City	Dairy products	2		2	
Dec. 7	Imlay City Times, The	Imlay City	Printing	2	2	4	
Dec. 7	Imlay City Foundry Co.	Imlay City	Castings	2		2	
Dec. 7	Imlay City Garage	Imlay City	Auto repairing	2		2	
Dec. 7	Imlay City Roller Mills	Imlay City	Flour	10	1	11	
Dec. 7	Imlay City Water Works	Imlay City	Water	1		1	
Dec. 7	Kennedy, Mrs. J.	Imlay City	Millinery	2	4	4	
Dec. 7	Michaels, Edward	Imlay City	Lumber	2		2	
Dec. 7	Merrill Mfg. Co., The	Imlay City	Castings	12		12	
Dec. 7	Somerville, Miss L.	Imlay City	Millinery		3	3	
Dec. 7	Towar Wayne County Creamery	Imlay City	Dairy products	3		3	
Dec. 7	Walker, Walter & Co.	Imlay City	Produce	5		5	
Dec. 7	Worthy, John H.	Imlay City	Meats	3		3	
Dec. 11	Bostick Stove Co., The	Lapeer	Stoves and ranges	45	1	46	1
Dec. 12	Butts, Dwight F.	Lapeer	Baked goods	3		3	
Dec. 14	Cutting, F. R. Lumber Co.	Lapeer	Lumber	4		4	
Dec. 12	Dent, J. C.	Lapeer	Meats	3	1	4	
Dec. 12	Deverell, Geo. J.	Lapeer	Shoe repairing	2		2	
Dec. 11	England, C.	Lapeer	Harness	4		4	
Dec. 12	Haug's, Thomas Market	Lapeer	Meats	1		1	
Dec. 12	Hungerford, R. A.	Lapeer	Carriages	2		2	
Dec. 12	Kruth, H. C. & Son	Lapeer	Baked goods	4		4	
Dec. 11	Lapeer City Garage	Lapeer	Auto repairing	3		3	
Dec. 11	Lapeer County Clarion	Lapeer	Printing	5	1	6	1
Dec. 11	Lapeer County Press	Lapeer	Printing	7	1	8	
Dec. 12	Lapeer County Creamery	Lapeer	Dairy products	4	1	5	
Dec. 11	Lapeer Gas-Electric Co.	Lapeer	Light	6		6	
Dec. 11	Lapeer Grain Co.	Lapeer	Grains	4	3	7	
Dec. 11	Lapeer Marble & Granite Works	Lapeer	Monuments	3		3	
Dec. 12	Lapeer Mercantile Co.	Lapeer	Produce	2		2	
Dec. 11	Lapeer Steam Laundry	Lapeer	Laundry	4	5	9	1
Dec. 11	Lapeer Water Works	Lapeer	Water	5		5	
Dec. 12	McDonald, William Sons	Lapeer	Machine repairing	4		4	
Dec. 12	Merson, C. R.	Lapeer	Blacksmithing	4		4	

Factory Inspection.—Continued.

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<b>LAFEEER CO.—Con.</b>							
Dec. 11	Michigan State Telephone Co.	Lapeer	Telephone service.	3	21	24	
Dec. 11	Middleditch, B. F.	Lapeer	Plumbing	3		3	
Dec. 12	Parker, Mrs. Ida Riley	Lapeer	Millinery		4	4	
Dec. 11	Powell, A. E.	Lapeer	Dredges	6		6	
Dec. 14	Sullivan & Gillett	Lapeer	Auto repairing.	4		4	
Dec. 12	Tucker & Bolton	Lapeer	Farm implements	5	1	6	
Dec. 11	Turnbull Elevator Co	Lapeer	Grain	4	4	8	
Dec. 11	Turnbull, R. & Son	Lapeer	Flour	3		3	
Dec. 11	Wolverine Garage Co.	Lapeer	Auto repairing.	3		3	
Dec. 18	Harsen, Frank	Lum.	Blacksmithing	2		2	
Dec. 18	Lum Elevator Co	Lum.	Grain, etc.	2		2	
Dec. 14	Gleason, Don	Metamora	Meats	3		3	
Dec. 6	Booth, Elmer E.	North Branch	Lumber	2		2	
Dec. 6	Central Meat Market, The	North Branch	Meats	2		2	
Dec. 6	Gazette, The	North Branch	Printing	4		4	
Dec. 6	Harper Elevator Co.	North Branch	Grain	3		3	
Dec. 6	Newbegin, W. E.	North Branch	Meats	2		2	
Dec. 6	North Branch Electric Co	North Branch	Light	2		2	
Dec. 6	North Branch Grain Co., The	North Branch	Grain and produce	3	1	4	
Dec. 6	North Branch Telephone Co.	North Branch	Telephone service	3	6	9	
Dec. 6	People's Creamery	North Branch	Dairy products	4		4	
Dec. 6	Star Roller Mills	North Branch	Flour	3		3	
Dec. 13	Burroughs, J. P. & Son	Otter Lake	Produce	3	13	16	
<b>LEELANAU COUNTY.</b>							
Dec. 5	Tucker, John	Cedar City	Produce	2		2	
Nov. 1	Aylsworth, Geo. F.	Empire	Lumber and feed	4		4	
Nov. 30	Bennett, J. W.	Empire	Furniture	1	1	2	
Nov. 30	City Garage, The	Empire	Auto repairing	2		2	
Nov. 30	Empire Rural Telephone Co	Empire	Telephone service		3	3	
Dec. 17	Day, D. H.	Glen Haven	Lumber	26		26	1
Dec. 4	Leelanau Enterprise	Leeland	Printed matter	2		2	
Dec. 4	Leland Light & Power Co.	Leeland	Light and power	3		3	
Dec. 5	Bellinger, A. E.	Maple City	Lumber	14		14	
Oct. 5	Booth Fisheries Co.	North Port	Fish	5		5	
Oct. 5	Kehl & Nelson	North Port	Auto repairing	3		3	
Oct. 4	North Port Leader, The	North Port	Printing	2		2	
Oct. 5	Peck, L. R.	North Port	Auto repairing	2		2	
Oct. 5	Seelig, G. M.	North Port	Meats	2		2	
Oct. 5	Westen, K. D.	North Port	Fruit packages	6		6	
Dec. 4	Hilton & Mosier	Provemont	Lumber	19		19	
Dec. 4	Otto, A. J.	Provemont	Produce	3		3	
Oct. 4	Chadsey, C. H.	Suttons Bay	Lumber	3		3	
Oct. 4	Donner, Fred	Suttons Bay	Harness	1		1	
Oct. 4	Peterson, Einer	Suttons Bay	Lumber	10		10	
Oct. 4	Rufi Bros	Suttons Bay	Meats	2		2	
Oct. 4	Suttons Bay Auto Co.	Suttons Bay	Auto repairing	2		2	
<b>LENAWEE COUNTY.</b>							
Dec. 19	Branch, H. Edwin	Addison	Flour and feed	4		4	
Dec. 19	Courier, The	Addison	Printed matter	2	1	3	
Dec. 19	Jenkins & Hoag	Addison	Lumber and coal	2		2	
Dec. 19	Saunders, F. A. & Son	Addison	Lumber	4		4	
Dec. 4	Acme Preserve Co.	Adrian	Canned goods	19	1	20	
April 12	Adrian Bread Co.	Adrian	Baked goods	4		4	
May 12	Adrian Daily Telegram	Adrian	Printing	22	5	27	4
Dec. 5	Adrian Iron & Metal Co.	Adrian	Iron and metal	13	1	14	
Dec. 5	Adrian Knitting Co., The	Adrian	Knit goods	41	152	193	3
June 12	Adrian Lumber & Supply Co.	Adrian	Lumber	8	1	9	

## Factory Inspection.—Continued.

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<b>LENAWEE Co.—Con.</b>							
Dec. 22	Adrian Steam Laundry	Adrian	Laundry	3	5	8	
Nov. 27	Adrian Steel Casting Co.	Adrian	Castings	34	1	35	
Dec. 5	Adrian Water Co.	Adrian	Water	13		13	
Nov. 27	Adrian Wire Fence Co.	Adrian	Wire fence	106	5	111	
Dec. 5	Angell's Sanitary Bakery	Adrian	Baked goods	3	2	5	
Dec. 22	Artificial Ice Co.	Adrian	Ice	12		12	
Nov. 27	Bond Steel Post Co.	Adrian	Steel posts	36	2	38	2
Dec. 14	Bush, J. L. & Co.	Adrian	Coal and wood	6		6	
Nov. 26	Citizens Light & Power Co., The	Adrian	Light and power	25	2	27	
June 12	City Garage & Paint Shop, The	Adrian	Auto repairing, etc.	5	1	6	
Dec. 3	Clark Basket Co.	Adrian	Baskets	15	15	30	3
Dec. 4	Cutler-Dickinson Co., The	Adrian	Flour and feed	11	2	13	
Dec. 14	Detroit Milling Co.	Adrian	Flour and feed	2	2	4	
Dec. 4	Economy Drawing Table Co.	Adrian	Tables	28	1	29	
Dec. 11	Ehrlich, George	Adrian	Woodworking	2		2	
Nov. 26	Excelsior Steam Laundry	Adrian	Laundry	3	2	5	
Nov. 26	Finch, S. F.	Adrian	Job printing	5	1	6	
Dec. 17	Foster, Miss M.	Adrian	Millinery		3	3	
Dec. 11	Gempel's Home Bakery	Adrian	Baked goods	6	2	8	
Nov. 26	Gempel, W. C.	Adrian	Job printing	1		1	
Nov. 28	Gem Toothpick Co.	Adrian	Toothpicks	3	5	8	
Nov. 27	Gibford-Weiffenbach Co., The	Adrian	Razor strops	21	16	37	1
Dec. 5	Gregg-Hotel Transfer Co.	Adrian	Passenger service	4		4	
Dec. 14	Gwynn, Thomas W.	Adrian	Job printing	1	1	2	
Dec. 5	Harris, C. W.	Adrian	Job printing	1	1	2	
Dec. 5	Hechinger, Geo.	Adrian	Baked goods	2	1	3	
Nov. 26	Independent Coal & Trucking Co.	Adrian	Coal and wood, etc.	3	1	4	
Dec. 5	James & Heabler	Adrian	Plumbing	4		4	
Dec. 5	Krapf, A.	Adrian	Tinning	1		1	
Dec. 22	Lenawee County Gas & Electric Co.	Adrian	Gas	28	1	29	
Dec. 10	Lenawee County Telephone Co.	Adrian	Telephone service	6	28	34	
Dec. 11	Lenawee Granite Works	Adrian	Monuments	4		4	
Nov. 27	Manophone Corporation	Adrian	Phonographs, etc.	104	3	107	2
Nov. 26	Maple City Granite Co., The	Adrian	Monuments	4		4	
Nov. 28	Matthes Bros.	Adrian	Coal	5		5	
Nov. 27	Michigan Wire Fence Co.	Adrian	Wire fence	40	3	43	
Dec. 5	Nevison Baking Co.	Adrian	Baked goods	2	1	3	
Dec. 5	Nichols, F. W.	Adrian	Job printing	1		1	
Nov. 26	Oliver Instrument Co.	Adrian	Machinery	24	4	28	
Nov. 28	Page Steel & Wire Co.	Adrian	Steel and wire products	212	17	229	6
Nov. 27	Palmer, A. E. & Son	Adrian	Furniture	37		37	
Nov. 28	Peerless Wire Fence Co.	Adrian	Fences and gates	312	12	324	2
Dec. 3	Prentice, F. W. Co.	Adrian	Screen doors, etc.	91	19	110	4
Dec. 5	Raymond, S. W. Auto Sales Co.	Adrian	Auto repairing	11	1	12	
Nov. 27	Rogers Lumber & Coal Co.	Adrian	Coal and lumber	10	1	11	
Dec. 14	Ruess, D. M.	Adrian	Millinery		3	3	
Dec. 15	Sanitary Dry Cleaning Works	Adrian	Dry cleaning	2		2	
Nov. 27	Schwarze Electric Co.	Adrian	Electrical appliances	52	41	93	4
Dec. 5	Simpson, The Printer	Adrian	Job printing	1	1	2	
Dec. 14	Smith, M. E.	Adrian	Job printing	2		2	
Nov. 26	Spence Machine Shop	Adrian	Machine repairing	2		2	
Nov. 27	Stevenson, Frank A.	Adrian	Lumber and coal	10	1	11	
Dec. 4	Troy Laundry	Adrian	Laundry	3	9	12	
Nov. 27	United Electrical Mfg. Co., The	Adrian	Electrical supplies	23	40	63	7
Nov. 26	Union Garage	Adrian	Auto repairing	8	1	9	1
Dec. 4	Van Camp Packing Co., The	Adrian	Evaporating milk	38	5	43	
Dec. 11	Velvet Ice Cream Co.	Adrian	Ice cream	8	1	9	
Dec. 22	Wilcox Hardware Co.	Adrian	Hardware	22	1	23	
Nov. 27	Willbee-Morse Concrete Co.	Adrian	Concrete	5		5	
Dec. 11	Young, A. N.	Adrian	Shoe repairing	2		2	



Factory Inspection.—Continued.

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<b>LENAWEE Co.—Con.</b>							
July 12	Blissfield Advance, The	Blissfield	Printed matter	3		3	1
July 12	Blissfield Motor Works	Blissfield	Auto repairing	3		3	
Dec. 7	Blissfield Robe & Tanning Co., The	Blissfield	Furs	7	17	24	
Dec. 7	City Garage	Blissfield	Auto repairing	2		2	
Dec. 7	Continental Sugar Co., The	Blissfield	Sugar	334	4	338	
July 12	Ford, J. M.	Blissfield	Lumber and coal	7	1	8	
July 12	Forsyth, James	Blissfield	Lumber and coal	5		5	
Dec. 7	Home Canning Co.	Blissfield	Canned goods	17	10	27	
July 12	Howes, H. A. & Son	Blissfield	Feed	2		2	
Dec. 7	Luce, H. J.	Blissfield	Flour, feed and coal	1		1	
Dec. 7	Municipal Electric Light Plant	Blissfield	Electricity and power	4		4	
July 12	Murray & Phillipson	Blissfield	Monuments	4		4	
July 12	Randall, M. F.	Blissfield	Woodworking	1		1	
July 12	Walper, J. J. & Co.	Blissfield	Grain, etc.	3		3	
Dec. 24	Peninsular Portland Cement Co.	Cement City	Cement	132		132	5
Nov. 30	Atlas Milling Co.	Clinton	Flour	6		6	
Nov. 30	Clintonian Garage, The	Clinton	Auto repairing	4		4	
Nov. 30	Clinton Local, The	Clinton	Printed matter	2		2	
Nov. 30	Clinton Municipal Electric Light Plant	Clinton	Light and power	3		3	
Nov. 30	Clinton Woolen Mfg. Co.	Clinton	Woolen goods	97	37	134	
Nov. 30	McAdam, J. B.	Clinton	Meats and groceries	2		2	
Nov. 30	Palmer, Clarence P.	Clinton	Dry cleaning	2		2	
Dec. 21	Abbott, W. H.	Hudson	Repairing	2		2	
Dec. 20	Armstrong, Ralph W.	Hudson	Plumbing	3		3	
Dec. 20	Birch, R. F.	Hudson	Coal and lumber	4		4	
Dec. 21	Camp, R. W.	Hudson	Plumbing	2		2	
Dec. 21	Church Street Bakery	Hudson	Baked goods	3		3	
Dec. 21	Cruse & Gaakill	Hudson	Coal and feed	5	1	6	
Dec. 21	Dillon, J. A., Jr.	Hudson	Auto repairing	5	1	6	
Dec. 21	Donough, D. G.	Hudson	Feed	1		1	
Dec. 21	Hackett, J. E. & Co.	Hudson	Feed	2		2	
Dec. 21	Hardie Mfg. Co., The	Hudson	Spray pumps	33	3	41	
Dec. 20	Hazen Mfg. Co.	Hudson	Pumps	41	2	43	
Dec. 20	Helvetia Milk Condensing Co.	Hudson	Dairy products	90	17	107	
Dec. 21	Hudson Bottling Works	Hudson	Soft drinks	5		5	
Dec. 20	Hudson Overland Garage	Hudson	Auto repairing	2		2	
Dec. 20	Hudson Gasette, The	Hudson	Printing	3		3	
Dec. 21	Hudson Milling Co., The	Hudson	Flour and feed	6		6	
Dec. 21	Hudson Water Works	Hudson	Water	4		4	
Dec. 21	Kellogg, H.	Hudson	Harness	7		7	
Dec. 20	Lockwood, J. L.	Hudson	Baked goods	2	2	4	
Dec. 20	Meredith, Frank E. & Co.	Hudson	Coal	4	1	5	
Dec. 20	Neptune Paint Co., The	Hudson	Paints	7		7	
Dec. 21	Snow Flake Laundry	Hudson	Laundry	2	2	4	
Dec. 20	Southern Michigan Light & Power Co.	Hudson	Light and power	7	1	8	
Dec. 21	Steger, Geo. A.	Hudson	Meats	3		3	
Dec. 21	Steuerswald, Chas.	Hudson	Printing	4		4	
Dec. 21	Whipple, Clara	Hudson	Millinery		3	3	
Dec. 12	American Brick & Tile Co.	Morenci	Brick and tile	23		23	
Dec. 13	Bancroft, D. L.	Morenci	Tailoring	1		1	
Dec. 12	Cline & Awkerman	Morenci	Lumber and coal	3		3	
Dec. 12	Fellows, C.	Morenci	Baked goods	3	2	5	
Dec. 13	Gust, G. W.	Morenci	Hardware	6		6	
Dec. 12	Hill, L. G. Garage	Morenci	Auto repairing	4	1	5	
Dec. 13	Kellogg & Buck	Morenci	Flour and feed	8		8	
Dec. 12	Morenci Steam Laundry	Morenci	Laundry	3	4	7	
Dec. 12	Observer, The	Morenci	Printed matter	4		4	
Dec. 12	Ohio Dairy Co., The	Morenci	Dairy products	65		65	2
Dec. 12	Osgood, Albert H.	Morenci	Feed	4		4	
Dec. 12	Porter Lumber Co.	Morenci	Lumber and coal	3	1	4	

## Factory Inspection.—Continued.

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<b>LENAWEE CO.—Con.</b>							
Dec. 12	Price Sisters, The	Morenci	Millinery		2	2	
Dec. 12	Riverside Garage, The	Morenci	Auto repairing	4		4	
Dec. 13	Southern Michigan Monumental Wks.	Morenci	Monuments	4		4	
Dec. 12	Wells Canning Co., The	Morenci	Canned goods	4	6	10	
Dec. 24	Morr's & Greenleaf	Onsted	Auto repairing	3		3	
Dec. 24	Onsted & Kerr Co	Onsted	Lumber, coal and grain	4		4	
Dec. 24	Onsted News, The	Onsted	Printed matter	2		2	
Dec. 24	Pitcher, W. D. & Co.	Onsted	Lumber and cider	3		3	
Dec. 31	Reynolds, C. L.	Onsted	Meats and groceries	2		2	
Dec. 13	Driggs, H. H. Dairy Farm, The	Palmyra	Dairy products	7		7	
Dec. 13	Simplex Paper Co., The	Palmyra	Paper	11		11	
Dec. 13	Ebinger-Vogt Co., The	Palmyra	Woodworking	19	1	20	
Dec. 10	American Steel & Wire Co	Tecumseh	Fence	36		36	
Dec. 10	Brewer, H. & Co.	Tecumseh	Machinery	51	1	52	3
Dec. 17	Brown & Co	Tecumseh	Coal and wood	5		5	
Dec. 18	Clark's Market	Tecumseh	Meats	4		4	
Dec. 18	Field, George S.	Tecumseh	Job printing	2		2	
Dec. 10	Garlinghouse Garage	Tecumseh	Auto repairing	5		5	
Dec. 18	Gillespie, Grace	Tecumseh	Millinery		2	2	
Dec. 18	Gratz, D. & Son	Tecumseh	Flour and feed	5	1	6	
Dec. 18	Hailey, J. F.	Tecumseh	Carriage repairing	3		3	
Dec. 17	Hayden, Wm. Milling Co., The	Tecumseh	Flour and feed	7		7	
Dec. 10	Hecsen Bros. & Co.	Tecumseh	Castings	32	1	33	2
Dec. 18	Lenaewee Lumber & Supply Co	Tecumseh	Lumber and coal	7	1	8	1
Dec. 17	Mahaney & McKinney	Tecumseh	Cigars	2	1	3	
Dec. 17	Mingay, Tom W.	Tecumseh	Job printing	2		2	
Dec. 17	Moore Bros	Tecumseh	Coal and lumber	4		4	
Dec. 18	Nevison, S.	Tecumseh	Baked goods	3	2	5	
Dec. 10	Quaker Oats Co., The	Tecumseh	Macaroni	22	8	30	
Dec. 17	Tecumseh "Big Chief" Garage	Tecumseh	Auto repairing	4	1	5	
Dec. 17	Tecumseh Butter Co.	Tecumseh	Dairy products	4	1	5	
Dec. 17	Tecumseh Electric Co., The	Tecumseh	Light and power	0	1	10	
Dec. 17	Tecumseh Semi-Weekly Herald	Tecumseh	Printed matter	1	3	4	
Dec. 17	Tecumseh Steam Laundry	Tecumseh	Laundry	2	2	4	1
Dec. 17	Temple, L. E. & Co.	Tecumseh	Coal	3	1	4	
Dec. 17	Tecumseh Water Works	Tecumseh	Water	2		2	
Dec. 17	Whiting, W. W.	Tecumseh	Cigars	19	4	23	1
<b>LIVINGSTON COUNTY.</b>							
Nov. 9	Brighton Argus, The	Brighton	Printed matter	1	1	2	
Nov. 9	Brighton Garage	Brighton	Auto repairing	1		1	
Nov. 10	Detroit Creamery Co.	Brighton	Dairy products	10		10	
Nov. 9	Detroit Edison Co., The	Brighton	Water and power	1	1	2	
Nov. 9	Hyne, F. T. & Son	Brighton	Grain and beans	4		4	
Nov. 10	Stewart, A. C.	Brighton	Grain and beans	3		3	
Nov. 9	Thompson Milling Co.	Brighton	Flour and feed	2		2	
Nov. 15	Burkhardt, E. W. & Son	Fowlerville	Grain and beans	3		3	
Nov. 15	Fowlerville Lighting Co.	Fowlerville	Light and water	3		3	
Nov. 15	Fowlerville Review, The	Fowlerville	Printed matter	2		2	
Nov. 15	Gannon, C. J.	Fowlerville	Hay and wood	5		5	
Nov. 15	Livingston Mills	Fowlerville	Flour	3		3	
Nov. 15	Peck, Bill	Fowlerville	Job printing	1		1	
Nov. 15	Peckens, Geo. A.	Fowlerville	Feed and cider	2		2	
Nov. 10	Rounsville, Frank G.	Fowlerville	Grain and beans	4	25	29	
Nov. 15	Sprague, Roy T.	Fowlerville	Auto repairing	5	1	6	
Nov. 15	Towar's Wayne County Creamery	Fowlerville	Dairy products	3		3	
Nov. 19	Hamburg Cider Mill, The	Hamburg	Cider	2		2	
Nov. 10	Hamburg Feed Mill, The	Hamburg	Feed	1		1	
Nov. 9	Stockbridge Elevator Co.	Hamburg	Beans and grain	2		2	

Factory Inspection.—Continued.

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<b>LIVINGSTON CO.—Con.</b>							
Oct. 12	Board of Public Works	Howell	Light and water	10	1	11	
Nov. 12	Borden's Condensed Milk Co.	Howell	Condensed milk	50	12	62	1
Nov. 13	Brooks, Wm. T.	Howell	Custom clothing	4	1	5	
Oct. 13	Culver, Claude B.	Howell	Cigars	4		4	
Oct. 13	Dickson & Son	Howell	Baked goods	5		5	
Nov. 13	Hoff Bros. Garage	Howell	Auto repairing	4	1	5	
Oct. 13	Hornung, George & Son	Howell	Custom clothing	1	2	3	
Oct. 13	Hovey, L. W.	Howell	Baked goods	2	1	3	
Nov. 13	Howell Electric Motors Co.	Howell	Electric motors	79	14	93	4
Nov. 13	Howell Elevator Co., The	Howell	Grain and beans	2		2	
Oct. 13	Howell Laundry Co.	Howell	Laundry	2	2	4	
Oct. 13	Jewett Chas. G.	Howell	Plumbing	7	1	8	
Oct. 13	Johnson's Home Bakery	Howell	Baked goods	3	1	4	
Nov. 13	Livingston Democrat, The	Howell	Printed matter	3	1	4	
Nov. 14	Livingston Republican	Howell	Printed matter	3	1	4	
Nov. 14	Michigan State Telephone Co.	Howell	Telephone service	2	15	17	
Nov. 13	Mutter, Geo.	Howell	Shoe repairing	2		2	
Nov. 13	Parker's Garage & Machine Shop	Howell	General repairing	4		4	
Nov. 13	Parshall, C. A. & Co.	Howell	Flour and feed	7	1	8	
Nov. 13	Peavy, A. F. & Son	Howell	Coal and feed	5		5	
Nov. 13	Spencer-Smith Machine Co.	Howell	Pistons	57	1	58	
Nov. 12	Sprague, Roy T.	Howell	Auto repairing	2	1	3	
Nov. 13	Taft, J. O.	Howell	Coal, beans and grain	4		4	
Nov. 14	Towar Wayne County Creamery	Howell	Dairy products	3		3	
Nov. 13	Watkins Mfg. Co.	Howell	Fish stringers	2		2	
Nov. 14	Williams, H. L.	Howell	Farm produce	9		9	
Nov. 14	Wright, F. E.	Howell	Interior finish	2		2	
Nov. 8	Lakeland Motor Works, The	Lakeland	Marine engines	6		6	
Nov. 8	Pinckney Dispatch, The	Pinckney	Printed matter	1	1	2	
Nov. 8	Pinckney Garage	Pinckney	Auto repairing	3		3	
Nov. 8	Read, Thomas	Pinckney	Grain and beans	3		3	
Nov. 8	Smith, D. D.	Pinckney	Meats	1		1	
<b>LUCK COUNTY.</b>							
Feb. 2	South Shore Cedar Co.	Dollarville	Lumber and shingles	63	1	64	
Jan. 30	Mark, Henry	McMillan	Lumber	11		11	
Jan. 30	Waltz, John	McMillan	Livery	2		2	
Jan. 31	Beaudin, Fred	Newberry	Cigars	2		2	
Jan. 31	Brown & Turnbull	Newberry	Meats	2		2	
Jan. 31	Charcoal Iron Company of America	Newberry	Forest products	246		246	
Jan. 31	Charcoal Iron Company of America	Newberry	Iron and chemicals	234	2	236	
Jan. 31	Charcoal Iron Company of America	Newberry	Lumber	42		42	
Jan. 31	Cloverland Bakery, The	Newberry	Baked goods	2	5	7	
Jan. 31	Easton, Alex.	Newberry	Merchant tailoring	1	2	3	
Jan. 31	Foster, J. C.	Newberry	Hardware	9	1	10	
Jan. 31	Horner, William	Newberry	Flooring	111		111	
Feb. 1	Newberry Livery Feed & Sale Stables	Newberry	Livery service	5		5	
Jan. 31	Newberry News, The	Newberry	Printed matter	2	1	3	
Jan. 31	Newberry Water & Light Plant	Newberry	Water and light	6		6	
Feb. 1	South Shore Cedar Co.	Newberry	Forest products	74		74	
<b>MACKINAC COUNTY.</b>							
Jan. 29	Appleford Bros.	Brevort Lake	Lumber and shingles	14		14	
Jan. 29	Luepnitz, Frank J.	Brevort Lake	Lumber and repairing	5		5	
Jan. 29	Wilwin Lumber Co.	Chesbrough	Lumber	44		44	
Jan. 28	Bell, Edwin Co., The	Engadine	Cooperage	36		36	2
Jan. 28	Foster, J. C.	Engadine	Hardware	1		1	

## DEPARTMENT OF LABOR.

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 10 years of age.
<b>MACKINAC Co.—Con.</b>							
Jan. 29	Fiborn Limestone Co.	Fiborn	Limestone	34		34	
Jan. 28	Saulter, Harry	Gould City	Lath and lumber	7		7	
Jan. 29	Soelther, Jos.	Green	Lumber	15		15	
Jan. 29	Hendrick's Quarry	Hendricks	Crushed stone	42		42	
Jan. 30	Hoban, J. A. Co.	Mackinac Island.	Meats	3		3	
Jan. 30	Inland Blacksmith Shop	Mackinac Island.	Blacksmithing	4		4	
Jan. 30	McNally & Donnelly	Mackinac Island.	Meats	6		6	
Jan. 30	Municipal Water, Light & Power Co.	Mackinac Island.	Water and light	8		8	
Jan. 29	Quay, D. & Sons	Moran	Lumber	26		26	
Jan. 29	Standard Post & Tie Co., The	Moran	Posts, etc.	7		7	
Jan. 20	Fiborn Limestone Co.	Ozark	Crushed stone	25	3	28	
Jan. 30	Chicago Meat Market	St. Ignace	Meats	3		3	
Jan. 30	City Bakery	St. Ignace	Baked goods	2	1	3	
Jan. 30	Duluth, South Shore & Atlantic Ry. Co.	St. Ignace	Freight	51	1	52	
Jan. 30	Duluth, South Shore & Atlantic Ry. Co.	St. Ignace	Car repairing	16		16	
Jan. 30	Fair, A.	St. Ignace	Meats	2	1	3	
Jan. 30	Gallagher, P. E.	St. Ignace	Meats	1		1	
Jan. 30	Golden Rule Shop	St. Ignace	Blacksmithing	4		4	
Jan. 30	Gorman, Miss Agnes	St. Ignace	Millinery		2	2	
Jan. 30	Hat Shop, The	St. Ignace	Millinery		3	3	
Jan. 30	Johnson, Chas. J.	St. Ignace	Blacksmithing	1		1	
Jan. 30	Jones & Kerry Lumber Co.	St. Ignace	Lumber	65	1	66	
Jan. 30	Kynoch, Chas. & Co.	St. Ignace	Hardware	2	1	3	
Jan. 30	Lawson, E. J.	St. Ignace	Lumber	7		7	
Jan. 30	Michigan State Telephone Co.	St. Ignace	Telephone service	1	5	6	
Jan. 30	Municipal Light & Water Works	St. Ignace	Light and water	5		5	
Jan. 30	Murray Bros.	St. Ignace	Forest products	39		39	
Jan. 30	Republican News, The	St. Ignace	Printed matter	3		3	
Jan. 30	St. Ignace Enterprise, The	St. Ignace	Printing	3		3	1
Jan. 30	Shaver, F. W.	St. Ignace	Shingles	22		22	
Jan. 29	Standard Post & Tie Co., The	St. Ignace	Woodworking	31		31	
Jan. 31	Warner-Newton Lumber Co.	St. Ignace	Forest products	16		16	
<b>MACOMB COUNTY.</b>							
Oct. 23	Armada Elevator Co.	Armada	Grains	2		2	
Oct. 23	Armada Garage	Armada	Auto repairing	2		2	
Oct. 23	Armada Times-Graphic, The	Armada	Printed matter	2	1	3	
Oct. 23	Detroit Edison Co., The	Armada	Light and water	1		1	
Oct. 23	Ellis, O. A. Creamery	Armada	Dairy products	2		2	
Oct. 23	Howell, O. F.	Armada	Blacksmithing	2		2	
Oct. 23	Neely, Thomas E.	Armada	Flour	2		2	
Oct. 23	Push, L. E.	Armada	Lumber and coal	2		2	
Oct. 23	Ritter, Fred G.	Armada	Blacksmithing	1		1	
Oct. 23	Shearer & Sterling	Armada	Feed grinding	2		2	
Oct. 23	Struthers Cooperage Co.	Armada	Staves and hoops	20		20	
Oct. 18	Chesterfield Creamery Co.	Chesterfield	Dairy products	4	1	5	
Oct. 18	Fairechild Garage	Chesterfield	Auto repairing	2		2	
Oct. 25	Baske, Fred	Frazer	Blacksmithing	1		1	
Oct. 25	Steffens, Chas.	Frazer	Lumber and coal	15		15	
Sept. 17	American Laundry	Mt. Clemens	Laundry	7	27	34	
Oct. 3	Artificial Stone Co.	Mt. Clemens	Cement blocks	2		2	
Oct. 2	Barber & Donaldson	Mt. Clemens	Candy and ice cream	3	4	7	
Sept. 18	Biewer's Brewery	Mt. Clemens	Beer	9		9	
Sept. 21	Board of Public Works	Mt. Clemens	Water	6		6	
Sept. 19	Breitmeyer Floral Co.	Mt. Clemens	Flowers	11		11	
Sept. 18	Burk, Edward J.	Mt. Clemens	Plumbing	5		5	
Oct. 1	Cady & Hart	Mt. Clemens	Blacksmithing	2		2	
Oct. 3	Calvert, John	Mt. Clemens	Baked goods	1	2	3	
Sept. 19	"Carey," John E.	Mt. Clemens	Flowers	4		4	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MACOMB Co.—Con.						
Oct. 4	Carew & Hill.....	Mt. Clemens...	Millinery.....		4	4	
Oct. 1	Carlsbad Mineral Salt Co.....	Mt. Clemens...	Mineral water.....	2		2	
Sept. 20	Central Garage Repair Shop.....	Mt. Clemens...	Auto repairing.....	6	1	7	
Oct. 4	Charbeneau Cleaning & Pressing Co.....	Mt. Clemens...	Cleaning and pressing.....	2		2	1
Oct. 3	Chesterfield Creamery Co.....	Mt. Clemens...	Milk receiving station.....	1		1	
Oct. 2	City Meat Market.....	Mt. Clemens...	Meats.....	4		4	
Sept. 17	City Mills.....	Mt. Clemens...	Flour and feed.....	4		4	
Sept. 18	City Steam Laundry.....	Mt. Clemens...	Laundry.....	4	17	21	
Sept. 21	Detroit Creamery Co.....	Mt. Clemens...	Ice cream and milk.....	2		2	
Sept. 24	Detroit Edison Co., The.....	Mt. Clemens...	Electricity.....	8	4	12	1
Sept. 17	Donaldson Bros.....	Mt. Clemens...	Farm implements.....	59	1	60	2
Sept. 18	Dreimiller, Peter.....	Mt. Clemens...	Harness.....	2		2	
Oct. 3	Epley & Sons.....	Mt. Clemens...	Meats and groceries.....	7	2	9	
Sept. 18	Ferrin, Chas. S. Co., The.....	Mt. Clemens...	Hardware.....	10	1	11	
Oct. 1	Forman, Mrs. L. M.....	Mt. Clemens...	Millinery.....		4	4	
Oct. 1	Gatz, Chas. H.....	Mt. Clemens...	Tailoring.....	5	2	7	
Sept. 20	Gatz, J. F. & Co.....	Mt. Clemens...	Baked goods.....	8	3	11	
Sept. 20	Gatz Creamery Co., The.....	Mt. Clemens...	Dairy products.....	3		3	
Oct. 4	Greh Chas.....	Mt. Clemens...	Tailoring.....	2		2	
Oct. 2	Haller & Co.....	Mt. Clemens...	Meats and provisions.....	5	2	7	
Sept. 19	Hatzenbuhler & Cudworth.....	Mt. Clemens...	Plumbing.....	10		10	
Oct. 2	Hibbert, David.....	Mt. Clemens...	Cement blocks.....	3		3	
Oct. 1	Hogg, C. F.....	Mt. Clemens...	Bicycle repairing.....	2		2	
Sept. 19	Hubarth & Schott Co., The.....	Mt. Clemens...	Lumber.....	64		64	
Oct. 1	Hubbard, D. B.....	Mt. Clemens...	Monuments.....	2		2	
Oct. 1	Huemiller, H.....	Mt. Clemens...	Monuments.....	2		2	
Oct. 4	Kendrick & Bruel.....	Mt. Clemens...	Coal.....	7		7	
Sept. 17	Killewald Garage.....	Mt. Clemens...	Auto repairing.....	3		3	
Sept. 19	Klagge, Robert.....	Mt. Clemens...	Flowers.....	10		10	
Oct. 1	Kruse Sons Co.....	Mt. Clemens...	Hardware.....	5		5	
Oct. 2	Kursteiner's Home Bakery.....	Mt. Clemens...	Baked goods.....	1	2	3	
Sept. 18	Lakeside Ice & Coal Co., The.....	Mt. Clemens...	Coal and ice.....	17		17	
Sept. 20	Lee Printing Co.....	Mt. Clemens...	Printing.....	3	1	4	1
Sept. 24	Linneburg & Harder.....	Mt. Clemens...	Cigars.....	2		2	
Sept. 17	Lozen, Ed.....	Mt. Clemens...	Blacksmithing.....	2		2	
Oct. 1	McMannus, Chas.....	Mt. Clemens...	Meats.....	3		3	
Sept. 20	Michigan State Telephone Co.....	Mt. Clemens...	Telephone service.....	9	35	44	
Oct. 1	Misch, Mrs. C. O.....	Mt. Clemens...	Millinery.....		5	5	
Oct. 5	Modern Electric Co., The.....	Mt. Clemens...	Electrical goods.....	6	1	7	
Sept. 20	Modern Press, The.....	Mt. Clemens...	Printing.....	3	1	4	
Oct. 3	Mt. Clemens Bath Tub Co.....	Mt. Clemens...	Bath tubs.....	6	1	7	
Sept. 24	Mt. Clemens Battery & Service Co.....	Mt. Clemens...	Storage battery repair.....	2		2	
Sept. 18	Mt. Clemens Brewing Co.....	Mt. Clemens...	Beer.....	12		12	
Oct. 1	Mt. Clemens Daily Leader, The.....	Mt. Clemens...	Printing.....	7	1	8	1
Sept. 20	Mt. Clemens Daily Messenger.....	Mt. Clemens...	Printing.....	9	1	10	
Sept. 20	Mt. Clemens Garage & Motor Sales Co.....	Mt. Clemens...	Auto repairing, etc.....	7	1	8	
Sept. 21	Mt. Clemens Garage & Motor Sales Co.....	Mt. Clemens...	Auto repairing.....	4		4	
Sept. 19	Mt. Clemens Gas Light Co.....	Mt. Clemens...	Gas.....	14	1	15	
Sept. 19	Mt. Clemens Pottery Co.....	Mt. Clemens...	Pottery.....	192	78	270	36
Nov. 30	Mt. Clemens Sugar Co.....	Mt. Clemens...	Sugar.....	309	5	314	
Sept. 17	Mt. Clemens Transfer & Storage Co.....	Mt. Clemens...	Transfer service.....	4	1	5	
Sept. 19	Mt. Clemens Milling Co.....	Mt. Clemens...	Flour and feed.....	5	1	6	
Sept. 20	Nellis, J. E. & Son.....	Mt. Clemens...	Printing.....	4	3	7	1
Sept. 18	Paganetti, J. S. Co., The.....	Mt. Clemens...	Lumber.....	67		67	
Oct. 3	Panacea Spring Water Co.....	Mt. Clemens...	Mineral water.....	3	1	4	
Sept. 17	Phillips & McCreedy.....	Mt. Clemens...	Machine repairing.....	6		6	
Oct. 1	Pringnitz, Otto.....	Mt. Clemens...	Meats.....	2		2	
Oct. 2	Pringnitz, A. & Sons.....	Mt. Clemens...	Meats and groceries.....	7		7	
Sept. 20	Rapid Railway System.....	Mt. Clemens...	Freight.....	31		31	
Oct. 3	Rock Garden Greenhouses.....	Mt. Clemens...	Flowers.....	8		8	

## DEPARTMENT OF LABOR.

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	<b>MACOMB Co.—Con.</b>						
Oct. 1	Roeso Bros.	Mt. Clemens.	Auto repairing.	7		7	
Sept. 20	Rural Publishing Co.	Mt. Clemens.	Printing.	10	4	14	
Sept. 24	Sarns & Krause.	Mt. Clemens.	Machine repairing.	3		3	
Oct. 5	Schutt, Frederick J.	Mt. Clemens.	Upholstering.	4		4	
Sept. 24	Snook & Son.	Mt. Clemens.	Staves and heading.	6		6	2
Oct. 2	Sprudel Water Co.	Mt. Clemens.	Soft drinks.	6	1	7	1
Sept. 19	Stück, William M.	Mt. Clemens.	Flour and feed.	2		2	
Sept. 19	Superior Steel Spring Co.	Mt. Clemens.	Motor car leaf springs.	36		36	1
Oct. 2	Touscany, Frank X.	Mt. Clemens.	Provisions.	5	1	6	1
Oct. 5	Tucker, John N.	Mt. Clemens.	Coal, cement, etc.	9		9	
Oct. 1	Ullrich, John J.	Mt. Clemens.	Tailoring.	4		4	1
Oct. 2	Ullrich, R. C. Hardware Co.	Mt. Clemens.	Hardware.	12		12	2
Oct. 2	Waisbart, H.	Mt. Clemens.	Tailoring.	1		1	
Oct. 1	Weber, Geo. L.	Mt. Clemens.	Vulcanizing.	2		2	
Oct. 3	Willett, E. C.	Mt. Clemens.	Auto repairing.	1		1	
Oct. 1	Wolf, L. F. Hardware Co.	Mt. Clemens.	Hardware.	23	2	25	
Oct. 16	Baker, C. E.	New Baltimore.	Lumber and cement.	5		5	
Oct. 16	Charties Home Bakery.	New Baltimore.	Baked goods.	1	1	2	
Oct. 16	Detroit United Railway.	New Baltimore.	Electricity.	25		25	
Oct. 18	Langell, Frank M.	New Baltimore.	Sheet metal work.	1		1	
Oct. 18	Murdock, C. H.	New Baltimore.	Cement blocks.	2		2	
Oct. 16	New Baltimore Brick & Tile Co.	New Baltimore.	Brick and tile.	2		2	
Oct. 16	New Baltimore Creamery Co.	New Baltimore.	Dairy products.	3		3	
Oct. 16	New Baltimore Elevator Co.	New Baltimore.	Grain and produce.	2		2	
Oct. 16	New Baltimore Era.	New Baltimore.	Printing.	2	1	3	
Oct. 16	New Baltimore Garage.	New Baltimore.	Auto repairing.	2		2	
Oct. 16	New Baltimore Water Works.	New Baltimore.	Water.	1		1	
Oct. 16	Palace Meat Market.	New Baltimore.	Meats.	1		1	
Oct. 16	Pemberton & Pemberton.	New Baltimore.	Blacksmithing.	2		2	
Oct. 16	Schlosser, Chris.	New Baltimore.	Hardware.	2		2	
Oct. 16	Worthy, F. A.	New Baltimore.	Meats.	2		2	
Oct. 18	Anderson, Ole.	New Haven.	Blacksmithing.	1		1	
Oct. 18	Detroit Creamery Co.	New Haven.	Dairy products.	2		2	
Oct. 18	Deichert, H.	New Haven.	Harness.	1		1	
Oct. 18	Edmunds, W. F.	New Haven.	Flour and feed.	2		2	
Oct. 18	New Haven Advocate, The.	New Haven.	Printing.	1		1	
Oct. 18	New Haven Elevator Co.	New Haven.	Flour and feed.	4		4	
Oct. 18	New Haven Garage.	New Haven.	Auto repairing.	2		2	
Oct. 18	New Haven Iron Works.	New Haven.	Castings.	13	1	14	
Oct. 18	New Haven Lumber & Coal Co., The.	New Haven.	Lumber and coal.	2		2	
Oct. 18	Rhodes & Harris.	New Haven.	Hardware.	2		2	
Oct. 19	Artie Ice Cream Co.	Richmond.	Dairy products.	2		2	
Oct. 19	Central Garage, The.	Richmond.	Auto repairing.	3		3	
Oct. 19	Chaskey & Breese.	Richmond.	Meats.	3		3	
Oct. 19	Commercial Milling Co.	Richmond.	Flour and feed.	4	1	5	
Oct. 19	Detroit Edison Co.	Richmond.	Light and water.	2		2	
Oct. 19	Farmers' Elevator Co., The.	Richmond.	Grain and hay.	5		5	
Oct. 19	Gables Bakery.	Richmond.	Baked goods.	2		2	
Oct. 19	Lapp, Chas. W.	Richmond.	Coal and building supplies.	2		2	
Oct. 19	Lenox Standard, The.	Richmond.	Printed matter.	1		1	
Oct. 19	Marchbank, David.	Richmond.	Sheet metal.	1		1	
Oct. 19	Parker Plow Co.	Richmond.	Farm implements.	19	1	20	
Oct. 19	Richmond Bakery, The.	Richmond.	Baked goods.	1	1	2	
Oct. 19	Richmond Cement Culvert Co.	Richmond.	Cement culverts.	3		3	
Oct. 19	Richmond Lumber Co., The.	Richmond.	Lumber.	7		7	
Oct. 19	Richmond Review, The.	Richmond.	Printed matter.	2	3	5	
Oct. 19	Rogge, Gus.	Richmond.	Blacksmithing.	1		1	
Oct. 19	Service Garage, The.	Richmond.	Auto repairing.	2		2	
Oct. 19	Tedman's Meat Market.	Richmond.	Meats.	1		1	
Oct. 25	Weter, Fanning & Co.	Richmond.	Farm produce.	15		15	3

Factory Inspection.—Continued.

Date of inspection.	Name of establishment.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>MACOMB Co.—Con.</b>							
Oct. 23	Bradley & Chubb	Romeo	Coal	1		1	
Oct. 23	Central Garage	Romeo	Auto repairing	2		2	
Oct. 23	Detroit Edison Co.	Romeo	Light and power	3		3	
Oct. 24	Dodge, Porter B. & Son	Romeo	Meats	2		2	
Oct. 24	Ewell, S. L.	Romeo	Flour and feed	2		2	
Oct. 24	Gray Elevator Co.	Romeo	Grain and beans	3	10	13	
Oct. 24	Holmes Foundry Co.	Romeo	Castings	66		66	
Oct. 24	Lempke, C. C.	Romeo	Meats	2		2	
Oct. 24	Ostrander, F. L.	Romeo	Auto repairing	2		2	
Oct. 23	Robertson, Geo. F. Co., The	Romeo	Lumber	15	1	16	
Oct. 24	Romeo Bakery	Romeo	Baked goods	3	2	5	
Oct. 24	Romeo Elgin Creamery	Romeo	Dairy products	1		1	
Oct. 24	Romeo Marble & Granite Works	Romeo	Monuments	3		3	
Oct. 7	Romeo Milling & Elevator Co.	Romeo	Flour	2		2	
Oct. 24	Romeo Observer	Romeo	Printed matter	1		1	
Oct. 24	Romeo Water Works	Romeo	Water	3		3	
Oct. 23	Rumsey, W. Co., The	Romeo	Cotton and wool waste	33	9	42	1
Oct. 24	Starkweather Millinery Parlor	Romeo	Millinery		2	2	
Oct. 23	Stringham, D. W.	Romeo	Auto repairing	2		2	
Oct. 23	Turner, H. L. Garage	Romeo	Auto repairing	1		1	
Oct. 24	Washer, Geo. H.	Romeo	Harness	1		1	
Oct. 25	Church & Church	Utica	Grain, lumber and coal	4		4	
Oct. 25	Decker & Ramus	Utica	Auto repairing	2		2	
Oct. 25	Fischer, L. A.	Utica	Blacksmithing	2		2	
Oct. 25	Messmore, H. O.	Utica	Meats	4		4	
Oct. 25	Orcutt, Fred.	Utica	Blacksmithing	1		1	
Oct. 25	Reshe, Wm.	Utica	Auto repairing	3		3	
Oct. 25	Rudolph, Wm.	Utica	Repairing	1		1	
Oct. 24	Schuldt, Wm.	Utica	Blacksmithing	1		1	
Oct. 25	Utica Bakery & Grocery	Utica	Baked goods	1	1	2	
Oct. 25	Utica Cooperative Creamery Assn.	Utica	Dairy products	2	1	3	
Oct. 25	Utica Milling Co.	Utica	Flour	7		7	
Oct. 25	Utica Sentinel, The	Utica	Printing	2		2	
Oct. 25	Church, A. V.	Warren	Feed and coal	2		2	
Oct. 25	Eckstein-Lakie Co.	Warren	Auto repairing	3		3	
Oct. 25	Gerlach, C.	Warren	Blacksmithing	3		3	
Oct. 25	Lutz, Fred.	Warren	Blacksmithing	2		2	
Oct. 25	Pock, C. F.	Warren	Meats	1		1	
Oct. 25	Warren Brick & Tile Works	Warren	Brick	30		30	
Oct. 25	Warren Watchman, The	Warren	Printing	1	1	2	
<b>MANISTEE COUNTY.</b>							
Feb. 18	Arcadia & Betsey River Ry. Co.	Arcadia	Car repairing	10		10	
Feb. 18	Arcadia Furniture Co.	Arcadia	Furniture	91	5	96	6
Feb. 18	Arcadia Mirror Works	Arcadia	Mirrors	15		15	
Feb. 18	Mingus, Ed.	Arcadia	Blacksmithing	2		2	
Feb. 18	Beacon Print Shop, The	Bear Lake	Job printing	2	1	3	
Feb. 18	Bear Lake Roller Mills, The	Bear Lake	Flour and feed	2		2	
Feb. 18	Bear Lake Garage	Bear Lake	Auto repairing	3		3	
Feb. 18	Conklin, J. R. & Son	Bear Lake	Blacksmithing	3		3	
Feb. 16	Bigelow, C. C.	Copemish	Produce	3	9	12	
Feb. 15	Chapman-Sargent Co., The	Copemish	Woodenware	40		40	
Feb. 16	Copemish Auto & Garage Co.	Copemish	Auto repairing	2		2	
Feb. 16	Copemish Bean & Grain Co.	Copemish	Produce	3	31	34	
Feb. 16	Copemish Creamery Co.	Copemish	Dairy products	3	1	4	
Feb. 16	Copemish Progress, The	Copemish	Job printing	1	1	2	
Feb. 16	Copemish Roller Mills	Copemish	Flour and feed	2		2	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>MANISTEE Co.—Con.</b>							
Feb. 16	Holland, John	Copemish	Blacksmithing	2		2	
Feb. 15	Kaleva Roller Mills	Kaleva	Flour and feed	2		2	
Feb. 18	Luts & Schramm Co.	Kaleva	Pickles	7		7	
Feb. 15	Ollila, Alex	Kaleva	Lumber	3		3	
Feb. 19	American Printing Co.	Manistee	Job printing	3	2	5	
Feb. 21	American Woodware Co.	Manistee	Washboards	68	24	92	28
Feb. 23	Ames, James P.	Manistee	Blacksmithing	1		1	
Feb. 19	Auto Garage Co.	Manistee	Auto sales and repairing	13		13	
Feb. 23	Broadhead, Jos.	Manistee	Wood saws	3	1	4	
Feb. 19	Buckley & Douglas Lumber Co., The.	Manistee	Lumber, shingles and salt	432	4	436	
Feb. 19	Buckley & Douglas Lumber Co., The.	Manistee	Salt	55		55	
Feb. 19	Central Meat Market	Manistee	Meats	3		3	
Feb. 23	City Dye Works	Manistee	Cleaning and dyeing	1	3	4	
Feb. 19	City Steam Laundry	Manistee	Laundry	2	3	5	
Feb. 20	Consumers Power Co.	Manistee	Electricity	6	4	10	
Feb. 20	Cota, A. E.	Manistee	Custom clothing	4		4	
Feb. 21	Crescent Candy Co.	Manistee	Candy	2	3	5	
Feb. 16	Daniels', Chas. H. Brewery	Manistee	Beer	16		16	
Feb. 21	Ebel, George	Manistee	Job printing	2	1	3	
Feb. 19	Ferguson, T. W.	Manistee	Plumbing	9	1	10	
Feb. 25	Field, F. W.	Manistee	Plumbing	4	1	5	
Feb. 19	Filer Fibre Co.	Manistee	Pulp	84		84	1
Feb. 19	Foy's Bakery	Manistee	Baked goods	4	1	5	
Feb. 19	Goshen Shirt Mfg. Co.	Manistee	Shirts	14	195	209	11
Feb. 23	Hansen, Alfred	Manistee	Ice cream	2	1	3	
Feb. 19	Hornkohl's Bakery	Manistee	Baked goods	17	1	18	
Feb. 20	Jarka, Jos.	Manistee	Flour and feed	3		3	
Feb. 23	Johnson, August N.	Manistee	Castings	28		28	
Feb. 20	Kirster, Joseph	Manistee	Cigars	9		9	
Feb. 19	Lloyd & Smith	Manistee	Plumbing	19		19	
Feb. 23	Manistee Flouring Mill Co.	Manistee	Flour and feed	1		1	
Feb. 21	Manistee Iron Works Co.	Manistee	Castings	246	8	254	25
Feb. 23	Manistee Laundry, The	Manistee	Laundry	4	8	12	
Feb. 16	Manistee Mfg. Co., The	Manistee	Furniture	66	1	67	6
Feb. 23	Manistee News-Advocate, The	Manistee	Printing	9	4	13	1
Feb. 19	Manistee & Northeastern R. R. Co.	Manistee	Car repairing	20	1	71	
Feb. 20	Manistee Railway Co.	Manistee	Passenger service	7		7	
Feb. 23	Manistee Shoe Mfg. Co.	Manistee	Shoes	16	41	57	
Feb. 21	Manistee Tire & Auto Co.	Manistee	Vulcanizing and repairing	7		7	
Feb. 23	Manistee Water Department	Manistee	Water	10		10	
Feb. 20	Manthei Bros.	Manistee	Blacksmithing	2		2	
Feb. 19	Michigan East & West Ry. Co.	Manistee	Ry. service & repairing	71		71	
Feb. 20	Michigan Light Co.	Manistee	Gas	4		4	
Feb. 20	Michigan Lumber Co.	Manistee	Lumber, fuel, etc.	8		8	
Feb. 23	Michigan State Telephone Co.	Manistee	Telephone service	4	11	15	
Feb. 23	Michigan Tanning & Extract Co.	Manistee	Tanning	72		72	
Feb. 21	Michigan Volkszeitung	Manistee	Job printing	1	1	2	
Feb. 20	Morris, Tom	Manistee	Fuel	4		4	
Feb. 20	Nalipinski, F. G.	Manistee	Produce and feed	4		4	
Feb. 21	Nelson, George	Manistee	Tailoring	1	1	2	
Feb. 20	Nelson, N. A.	Manistee	Harness	1		1	
Feb. 21	Noud Lumber Co.	Manistee	Lumber	17	1	18	
Feb. 20	Olson Lumber Co.	Manistee	Building materials	13		13	
Feb. 21	Overpack, S. C.	Manistee	Logging wheels	6		6	
Feb. 20	Peterson, Emma S.	Manistee	Millinery		3	3	
Feb. 20	Piotrowski, Max	Manistee	Shoe repairing	2		2	
Feb. 25	Pomeroy Bottling Works	Manistee	Soft drinks	3	1	4	
Feb. 20	Redman, August	Manistee	Cigars	6		6	
Feb. 20	Robert, M.	Manistee	Coal and wood	3		3	
Feb. 21	Salt City Auto Shop	Manistee	Auto repairing	7		7	



Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>MANISTEE CO.—Con.</b>							
Feb. 21	Salt City Wagon Shop	Manistee.	Blacksmithing	3		3	
Feb. 21	Sands, Louis Salt & Lumber Co	Manistee.	Lumber and salt	371	1	372	3
Feb. 20	Schleif, Frank	Manistee.	Harness	1	1	2	
Feb. 19	Schmeing Bros.	Manistee.	Baked goods	6	1	7	
Feb. 21	Seymour, John	Manistee.	Fuel	3	1	4	
Feb. 20	Shults, J. H.	Manistee.	Pook binding	11	8	19	
Feb. 20	Standard Oil Co.	Manistee.	Oil	3		3	
Feb. 23	Stepka, M. W.	Manistee.	Tailoring	1	2	3	
Feb. 23	Thompson Auto Co.	Manistee.	Auto repairing	8		8	
Feb. 19	Varney, C. L.	Manistee.	Plumbing	7	1	8	
Feb. 19	West Michigan Flooring Co.	Manistee.	Flooring	38	1	39	
Feb. 19	Western Union Telegraph Co	Manistee.	Telegraph service	5	1	6	
Feb. 18	Burmester, B.	Onokama.	Beans and grain	3	10	13	
Feb. 18	Showalter, A. L.	Onokama.	Repairing	5		5	
Feb. 25	Consumers Power Co.	Wellston.	Electricity	3		3	
<b>MARQUETTE COUNTY.</b>							
May 17	Lake Independence Lumber Co.	Big Bay	Lumber	346		346	
Aug. 21	Little Lake Lumber Co.	Forsyth	Lumber	26	1	27	
June 21	Cleveland-Cliffs Iron Co., The	Gwinn	Iron ore	63		63	
June 21	Cleveland-Cliffs Iron Co., The	Gwinn	Iron ore	171		171	
June 21	Cleveland-Cliffs Iron Co., The	Gwinn	Iron ore	44		44	
June 21	Cleveland-Cliffs Iron Co., The	Gwinn	Iron ore	23	4	27	
June 21	Cleveland-Cliffs Iron Co., The	Gwinn	Iron ore	16		16	
June 21	Cleveland-Cliffs Iron Co., The	Gwinn	Iron ore	236		236	
June 11	Aetna Explosives Co., Inc.	Ishpeming	High explosives	107	5	112	
June 16	Altschwager, J. C.	Ishpeming	Blacksmithing	2		2	
June 9	American Express Co.	Ishpeming	Express service	4		4	
June 9	Bell, George H.	Ishpeming	Tailoring	2	1	3	
June 12	Blackney, Jas. A.	Ishpeming	Plumbing	3		3	
June 9	Brodine & Villeneuve.	Ishpeming	Millinery		3	3	
June 14	Burke, John T.	Ishpeming	Livery service	7		7	
June 12	Carlson, Carl E.	Ishpeming	Shoe repairing	1		1	
May 12	Carpenter-Cook Co.	Ishpeming	Wholesale groceries	18	3	21	1
June 14	Chicago & North Western Ry. Co	Ishpeming	Car repairing	14	1	15	
June 12	Cleveland-Cliffs Iron Co., The	Ishpeming	Iron ore	13		13	
June 12	Cleveland-Cliffs Iron Co., The	Ishpeming	Iron ore	120	11	131	
June 12	Cleveland-Cliffs Iron Co., The	Ishpeming	Iron ore	369		369	1
June 12	Cleveland-Cliffs Iron Co., The	Ishpeming	Iron ore	183		183	
June 12	Cleveland-Cliffs Iron Co., The	Ishpeming	Iron ore	346		346	
June 12	Cleveland-Cliffs Iron Co., The	Ishpeming	Iron ore	285		285	
June 12	Cleveland-Cliffs Iron Co., The	Ishpeming	Iron ore	115		115	
June 11	Cloverland Candy Store, The	Ishpeming	Confectionery	2	1	3	
June 13	Cole, William T.	Ishpeming	Poilers	7		7	
June 12	Consolidated Fuel & Lumber Co.	Ishpeming	Lumber and fuel	46		46	2
June 12	Cudahy Packing Co., The	Ishpeming	Packing meats	4		4	
June 16	Electric Shop, The	Ishpeming	Electrical supplies	2	1	3	
June 11	Elson's, H. W.	Ishpeming	Soft drinks	3		3	1
June 9	Eman & Swanson	Ishpeming	Painting and decorating	7		7	2
June 15	Forell Service	Ishpeming	Auto repairing	4		4	1
June 15	Geraghty, Mrs. Helen Lidberg	Ishpeming	Millinery		3	3	
June 18	Grummett & Larson	Ishpeming	Auto repairing	4		4	
June 19	Gustafson, J.	Ishpeming	Meats	3		3	
June 16	Harrington, Jerry	Ishpeming	Cigars	2		2	
June 11	Hilt, Fred	Ishpeming	Meats	1		1	
June 15	Home Industry Glove Co.	Ishpeming	Gloves	1	1	2	
June 19	Hoeking & Wills	Ishpeming	Cigars	3		3	1

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
MARQUETTE Co.—Con.							
June 13	Iron Ore Printing Co.	Ishpeming	Printing	11		11	1
June 12	Ishpeming City Bakery	Ishpeming	Baked goods	3	1	4	1
June 15	Ishpeming Cooperative Society	Ishpeming	Meats	2		2	
June 12	Ishpeming Creamery Co.	Ishpeming	Dairy products	5	2	7	3
June 18	Ishpeming Garage	Ishpeming	Auto repairing	3		3	
June 13	Ishpeming Livery Co., Ltd.	Ishpeming	Livery service	6		6	
June 11	Ishpeming Sausage Works	Ishpeming	Sausages	3		3	
June 12	Ishpeming Steam Bottling Works	Ishpeming	Soft drinks	5		5	2
June 18	Ishpeming Water & Highway Works	Ishpeming	Water	50		50	
June 11	Jochim, J. W. Hardware Co.	Ishpeming	Hardware	4		4	
June 14	Jacob, Raoul	Ishpeming	Blacksmithing	2		2	
June 14	Kettunen, A.	Ishpeming	Tailoring	5	3	8	
June 15	Koski, Peter & Co.	Ishpeming	Meats	2		2	
June 14	Laitinen, Otto	Ishpeming	Tailoring	3	3	6	
June 11	La Vigne Bros.	Ishpeming	Meats and groceries	2		2	
June 11	Leffer, J. J.	Ishpeming	Meats and groceries	7	1	8	1
June 9	LeRoy's Dry Cleaning Works	Ishpeming	Cleaning and dyeing	1	2	3	
June 18	Lindberg, Gust A.	Ishpeming	Meats	4		4	
June 16	Loselyong, Mike	Ishpeming	Coal, hay and grain	3		3	1
June 14	Makinen, Karl	Ishpeming	Blacksmithing	3		3	
June 18	Menominee River Brewing Co.	Ishpeming	Beer	4		4	
June 16	Michigan Gas & Electric Co.	Ishpeming	Gas and electricity	48	2	50	
June 15	Michigan State Telephone Co.	Ishpeming	Telephone service	5	11	16	
June 18	Miller Brewing Co.	Ishpeming	Beer	2		2	
June 12	Morris & Co.	Ishpeming	Meats	5		5	
June 13	Myers, A. W. Mercantile Co.	Ishpeming	Meats, etc.	13	8	21	
June 13	Needham Bros.	Ishpeming	Laundry	6	10	25	1
June 14	Niemi, Abel	Ishpeming	Shoe repairing	2		2	
June 13	Northern Leather Co.	Ishpeming	Leather	3		3	
June 14	Oliver Iron Mining Co.	Ishpeming	Iron ore	388	2	390	3
June 14	Olsen, A.	Ishpeming	Decorating	3		3	1
June 12	Peninsular Record Pub. Co., Ltd.	Ishpeming	Printing matter	4		4	
June 15	Perttula, Nels	Ishpeming	Meats	2		2	
June 11	Pickands, James & Co., Ltd.	Ishpeming	Coal and wood	10		10	4
June 11	Postal Telegraph & Cable Co.	Ishpeming	Telegraph service		1	1	
June 11	Poulos, John	Ishpeming	Confectionery	2	2	4	
June 9	Ramberg, E.	Ishpeming	Tailoring	1		1	
June 11	Riley, Mrs. C. T.	Ishpeming	Millinery	2	3	3	
June 16	Roberts, W. J.	Ishpeming	Jewelry	2	1	3	
June 12	Ruona, K. A.	Ishpeming	Soft drinks			2	1
June 13	Sing Lee Laundry	Ishpeming	Laundry	1		1	
June 14	Sormunen, Peter	Ishpeming	Confectionery	2	1	3	1
June 16	Standard Oil Co.	Ishpeming	Oil and greases	3		3	
June 12	Superior Bakery	Ishpeming	Baked goods	9	1	10	1
June 15	Swedish Newspaper Co.	Ishpeming	Printed matter	2	3	5	
June 11	Swenson Bros.	Ishpeming	Meats	3		3	
June 13	Swift & Co.	Ishpeming	Meats	9		9	
June 15	Trebilcock, William	Ishpeming	Flowers	21		21	
June 9	Trembath Bros.	Ishpeming	Painting and decorating	3	1	12	
June 14	Verrant & Holmgren	Ishpeming	Blacksmithing	3		3	
June 12	Wahlman Construction Co., The	Ishpeming	Contracting	17		17	
June 11	Western Union Telegraph Co.	Ishpeming	Telegraph service	3		3	
June 18	Wills, O. T.	Ishpeming	Confectionery	2	3	5	1
June 16	Yim, Chas.	Ishpeming	Laundry	3		3	
May 26	Ahshire & Palmer	Marquette	Auto repairing	5		5	
May 28	American Express Co.	Marquette	Express service	4		4	
June 9	Anderson, Chas. J.	Marquette	Meats	2		2	
June 1	Anderson & Mellin	Marquette	Meats	2	2	4	
May 29	Apostle, L.	Marquette	Candy	4		4	
Aug. 13	Armour & Co.	Marquette	Meats	6		6	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MARQUETTE Co.—Con.						
May 26	Bernard, S. B. & Son	Marquette	Meats	3	1	4	
June 1	Beyer, G. T.	Marquette	Meats and groceries	1		1	
May 26	Bittner, H. E.	Marquette	Harness	2		2	1
Aug. 11	Bolduc, Henry	Marquette	Blacksmithing	2		2	
May 31	Bon Ton Soda Shop	Marquette	Candy	5		5	2
June 8	Brown, Mrs. Warner B.	Marquette	Millinery		1	1	
May 25	Brunner, Robert F.	Marquette	Tailoring	2	1	3	
May 29	Bureau Bros.	Marquette	Meats	5	1	6	
May 26	Bureau, Fred & Sons	Marquette	Baked goods	2		2	
May 29	Burke & Levin	Marquette	Plumbing	5		5	
June 1	Cameron Baking Co.	Marquette	Baked goods	4	3	7	1
June 1	Carlson, John	Marquette	Groceries	4		4	
May 29	Central Meat Market	Marquette	Meats	2		2	
June 1	Chubb, Wm. H. & Son	Marquette	Meats and groceries	3	1	4	
May 25	Cleveland-Cliffs Iron Co., The	Marquette	Pig iron and chemicals	380	3	383	2
May 29	Cleveland-Cliffs Iron Co., The	Marquette	Iron ore	7		7	
Aug. 13	Cleveland-Cliffs Iron Co., The	Marquette	Chemicals and pig iron	402	3	405	18
June 2	Clothes Shop, The	Marquette	Tailoring	1	1	2	
May 28	Cloverleaf Auto Co.	Marquette	Auto repairing	14		14	
May 26	Consolidated Fuel & Lumber Co.	Marquette	Lumber and fuel	26	1	27	
May 26	Crawford Co., The	Marquette	Tailoring shop	5	1	6	
June 2	Donckers, F.	Marquette	Candy	4	4	8	1
May 28	Dorais, Chas.	Marquette	Meats and groceries	2		2	
May 25	Dorais, William	Marquette	Meats	4	1	5	1
May 24	Duluth, South Shore & Atlantic Ry. Co.	Marquette	Car service	20	1	21	1
May 31	Duluth, South Shore & Atlantic Ry. Co.	Marquette	Locomotive & car repairing	301	1	302	2
May 31	Dunneback, F. J.	Marquette	Shoe repairing	1		1	
May 29	Dupras, Frederick	Marquette	Blacksmithing	1		1	
June 1	Frei, Frank	Marquette	Soft drinks	4		4	
May 26	Frei's Bakery	Marquette	Baked goods	3	1	4	
May 24	Guelff Printing Co.	Marquette	Printing	9	1	10	1
May 31	Handford, H. F.	Marquette	Shoe repairing	3		3	
June 1	Hattan, John	Marquette	Shoe repairing	2		2	
June 1	Johnson, A.	Marquette	Shoe repairing	1		1	
May 24	Jones & Frei	Marquette	Auto repairing	8		8	
June 8	Kind, John	Marquette	Tailoring	1	1	2	
June 2	King, W. J.	Marquette	Hardware	2		2	
June 1	Kivela, Frank	Marquette	Shoe repairing	2		2	
Aug. 11	Laffkae, James	Marquette	Candy	4		4	2
May 28	LaRochelle, Mme. J. H.	Marquette	Millinery	1	1	2	
May 28	Lake Shore Engine Works	Marquette	Mining machinery	141	1	142	8
May 24	Lake Side Iron Works	Marquette	Machine repairing	2		2	
May 25	Lake Superior Carriage Works	Marquette	Repairing	2		2	
May 25	Lake Superior & Ishpeming Ry. Co.	Marquette	Car repairing	128		128	
May 21	Lake Superior & Ishpeming Ry. Co.	Marquette	General office	22	4	26	
May 25	Lake Superior & Ishpeming Ry. Co.	Marquette	Ore and coal	49		49	
May 31	Lewistine, William	Marquette	Meats and groceries	2	1	3	
June 8	Liberthal, A.	Marquette	Cigars	6	3	9	
Aug. 11	Lindstrom & Wilson	Marquette	Meats	2		2	
May 28	Longyear, E. J. Co.	Marquette	Drills	23	1	24	
June 8	Marquette Art Glass Co., Inc.	Marquette	Art glass works	6		6	
June 2	Marquette Boiler & Sheet Iron Works	Marquette	Sheet iron	5		5	
May 24	Marquette Chronicle, The	Marquette	Printed matter	12	2	14	2
June 8	Marquette City & Presque Isle Ry. Co.	Marquette	Passenger service	15	2	17	
May 31	Marquette City Light & Power Works	Marquette	Light and power	13		13	

## DEPARTMENT OF LABOR.

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
MARQUETTE CO.—Con.							
May 31	Marquette City Water Works	Marquette	Water	5		5	
May 26	Marquette Gas Light Co.	Marquette	Gas	11	1	12	
June 2	Marquette Granite & Marble Works	Marquette	Monuments	3	1	4	
June 7	Marquette Launch & Motor Works	Marquette	Boats	2		2	
June 8	Marquette Laundry & Dye Works	Marquette	Laundry	14	39	53	1
June 7	Marquette Millinery Co.	Marquette	Millinery		1	1	
Aug. 8	Marquette Trap Rock Co.	Marquette	Crushed stone	30		30	
June 7	Michigan State Telephone Co.	Marquette	Telephone service	15	35	50	
May 29	Mining Journal Co., Ltd.	Marquette	Printing	27	1	28	1
June 7	Nason, D. M.	Marquette	Tailoring	2		2	
Aug. 14	Needham Bros. & Williams	Marquette	Laundry	15	47	62	
June 2	Nelson, C. R.	Marquette	Auto & bicycle repairing	2		2	
May 25	Nuffer Cedar Co.	Marquette	Lumber	36	1	37	8
May 25	Oakland Garage	Marquette	Auto repairing	2		2	
May 18	Pickands, James & Co., Ltd.	Marquette	Coal	39	1	40	
June 7	Pierce & Dufour	Marquette	Meats	3		3	
Aug. 11	Pomeroy, James	Marquette	Blacksmithing	1		1	
June 2	Pong Lee, The	Marquette	Laundry	4		4	
Aug. 11	Postal Telegraph-Cable Co.	Marquette	Telegraph service	4		4	2
Aug. 11	Quarters, Fred	Marquette	Blacksmithing	1		1	
June 2	Queen City Bakery	Marquette	Baked goods	7	1	8	
May 28	Queen City Market	Marquette	Meats	2	1	3	
June 7	Queen City Shoe Hospital	Marquette	Shoe repairing	2		2	
May 29	Resnick, J.	Marquette	Tailoring	2	1	3	
June 9	Rosch & Seeber Co.	Marquette	Produce	5		5	
June 9	Ruecker, E.	Marquette	Tailoring	1		1	
May 31	Rustenhoven, Martin	Marquette	Meats and groceries	2	1	3	
May 25	Sambrook, F. W. & Son	Marquette	Lumber	20		20	
May 25	Schneider & Brown Lumber Co.	Marquette	Lumber	118	1	119	10
May 26	Schoch & Hallam	Marquette	Jewelry	2	2	4	
May 31	Sink, E. J.	Marquette	Gas fitting	6		6	
June 8	Smith's Millinery	Marquette	Millinery		3	3	
June 1	Sorensen Greenhouses, The	Marquette	Flowers	2	1	3	
June 7	Spear, F. B. & Sons	Marquette	Coal	34		34	1
May 25	Standard Oil Co.	Marquette	Oil	4		4	
May 28	Stenglein Bindery, The	Marquette	Book binding	3	1	4	
May 24	Stensrud, Herman	Marquette	Plumbing	4	1	5	
June 1	Swanson Hardware Co.	Marquette	Plumbing	4		4	
June 1	Taich, E. R.	Marquette	Flowers	3	1	4	
June 9	Trethewey, J. E.	Marquette	Decorating, etc.	7	1	8	
May 26	Trotochaud, W. N.	Marquette	Harness	2		2	1
June 2	Upper Peninsula Brewing Co.	Marquette	Beer	20	2	22	1
June 8	Van Chesteing, J. B.	Marquette	Ladies' garments	1	3	4	
June 7	Walton, J. L.	Marquette	Merchant tailoring	5	1	6	
May 26	Western Express Co.	Marquette	Express service	4		4	
May 31	Western Union Telegraph Co., The	Marquette	Telegraph service	9	1	10	6
Aug. 14	White, Andrew	Marquette	Shoe repairing	3		3	
May 26	Williams, William	Marquette	Meats	4	2	6	
May 26	Zalk, Jos.	Marquette	Furniture	2	1	3	
Aug. 21	Muck, E. G.	Michigamme	Meats and groceries	4		4	
Jan. 4	Munro Iron Mining Co.	Michigamme	Iron ore	94		94	
June 18	Athens Mining Co.	Negaunee	Iron ore	55		55	
Aug. 15	Barass, Peter F.	Negaunee	Plumbing	13		13	
June 20	Bellstrom, Alfred & Son	Negaunee	Bicycle repairing	3		3	
June 20	Bice, A. J.	Negaunee	Candy	2		2	1
Aug. 16	Breitung Hematite Mining Co.	Negaunee	Iron ore	272		272	
June 20	Castello, Mike	Negaunee	Shoe repairing	1		1	
June 19	Chevrette, Peter	Negaunee	Blacksmithing	2		2	
June 23	City Garage	Negaunee	Auto repairing	2		2	1
June 18	Cleveland-Cliffs Iron Co., The	Negaunee	Iron ore	276		276	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>MARQUETTE Co.—Con.</b>							
June 18	Cleveland-Cliffs Iron Co., The	Negaunee	Iron ore	13		13	
June 20	Collins, T. L.	Negaunee	Meats and groceries	6		6	
June 23	Consolidated Fuel & Lumber Co.	Negaunee	Lumber and fuel	14		14	
June 21	Drobny, Joseph	Negaunee	Meats	2		2	
June 21	Elliott & Dawe	Negaunee	Hardware	10	1	11	
Aug. 15	Erickson, A.	Negaunee	Confectionery	2		2	
June 20	Farson, S. A.	Negaunee	Plumbing	4	1	5	
June 20	Hansen & Sons	Negaunee	Meats and groceries	6		6	
June 21	Ikkela, J. N.	Negaunee	Blacksmithing	2		2	
June 19	Independent Lumber & Coal Co.	Negaunee	Lumber, coal and feed	8		8	
June 21	Jacobson, John	Negaunee	Custom clothing	3	1	4	
June 21	Johnson, Herman	Negaunee	Shoe repairing	1		1	
June 22	King, Arthur R.	Negaunee	Tailoring	1		1	
June 21	Kokko & Logren	Negaunee	Baked goods	8	2	10	2
June 21	Leisen & Henes Brewing Co.	Negaunee	Beer	2		2	
June 21	Lucas, H. N.	Negaunee	Blacksmithing	1		1	
June 21	Lucas Bros.	Negaunee	Passenger service	2		2	
Aug. 16	Makki, John	Negaunee	Tailoring	2		2	
June 21	Marletti, Nicholas	Negaunee	Shoe repairing	2		2	
Aug. 16	Mary Charlotte Mining Co.	Negaunee	Iron ore	425		425	
Aug. 16	Michigan Gas & Electric Co.	Negaunee	Gas and electricity	59	2	61	2
June 22	Michigan State Telephone Co.	Negaunee	Telephone service	2	8	10	
June 20	Muck, F. J. & Son	Negaunee	Meats and groceries	2		2	
June 22	Muinonen, Hiskias	Negaunee	Shoe repairing	2		2	
June 23	Muck, H. G.	Negaunee	Meats and groceries	3	1	4	
June 20	Negaunee Electric Light & Water Wks	Negaunee	Light and water	30		30	
June 22	Negaunee Garage	Negaunee	Auto repairing	3		3	
June 22	Negaunee Greenhouses	Negaunee	Flowers	3		3	
June 18	Negaunee Mine	Negaunee	Iron ore	364		364	
Aug. 15	Negaunee Printing Co.	Negaunee	Printing	5		5	
June 22	New Candy Kitchen	Negaunee	Candy	2		2	
June 19	New Home Bakery	Negaunee	Baked goods	2	1	3	
June 22	Northey Bros.	Negaunee	Cigars	2		2	
June 21	Oliver Iron Mining Co.	Negaunee	Iron ore	150		150	
June 20	Olympia Candy Co.	Negaunee	Candy	3		3	1
Aug. 15	Pabst Brewing Co.	Negaunee	Beer	7		7	
June 20	Petersen & Willers	Negaunee	Tailoring	2	3	5	
June 22	Pickands, James & Co., Ltd.	Negaunee	Fuel	2		2	
June 21	Reichel, John	Negaunee	Electrical supplies	1		1	
June 20	Republic Iron & Steel Co.	Negaunee	Iron ore	139		139	
June 19	Ritala, Jacob	Negaunee	Shoe repairing	2		2	
June 20	Sgro, Frank	Negaunee	Shoe repairing	1		1	
June 21	Smith, Mrs. M. L.	Negaunee	Millinery		3	3	
June 21	Storey, Albert E.	Negaunee	Blacksmithing	1		1	
June 20	Swanson Bros.	Negaunee	Plumbing	5	1	6	
June 21	Thomas, S. S.	Negaunee	Meats and groceries	5		5	
June 20	Torreano, Jos. A.	Negaunee	Baked goods	2	1	3	
June 23	Trotochaud, Godfrey	Negaunee	Harness	1		1	
June 20	Vuori & Nurmi	Negaunee	Tailoring	5	2	7	
June 22	Winter & Suess	Negaunee	Meats and groceries	22	3	25	
June 23	Yuen, Sing	Negaunee	Laundry	3		3	
Aug. 17	Cascade Mining Co.	Palmer	Iron ore	134		134	
Aug. 17	Empire Iron Co.	Palmer	Iron ore	65		65	
Aug. 17	Maitland Mining Co.	Palmer	Iron ore	17		17	
July 17	Richmond Iron Co.	Palmer	Iron ore	95		95	6
Aug. 20	Oliver Iron Mining Co.	Princeton	Iron ore	36		36	
Aug. 22	Cleveland-Cliffs Iron Co., The	Republic	Iron ore	244		244	
Aug. 22	Laforias & Gustafson	Republic	Meats	3	1	4	
Aug. 22	Utberg, J. O.	Republic	Meats	3	1	4	
Aug. 22	Van Dyck, Alphons	Republic	Meats	3	1	4	1
Aug. 22	Vierela, Fred	Republic	Meats	1	1	2	

## DEPARTMENT OF LABOR.

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
MASON COUNTY							
May 10	Bailey, J. F.	Custer.	Blacksmithing.	2		2	
May 10	Bailey & Osborne.	Custer.	Blacksmithing.	2		2	
May 10	Briggs, E. M. & Son.	Custer.	Building material.	3		3	
May 10	Custer Milling Co.	Custer.	Flour and feed.	2		2	
May 10	Fager, E.	Custer.	Produce.	2		2	
May 11	Booth-Schoneherr Co.	Fountain.	Building material.	3		3	
May 11	Boughner, W. W.	Fountain.	Produce.	5	17	22	
May 2	Abair, George.	Ludington.	Coal and lumber.	6		7	
April 7	Abrahamson, H.	Ludington.	Decorating.	6		6	
April 16	Abrahamson, Martin.	Ludington.	Feed, etc.	10	1	11	
April 9	American Laundry.	Ludington.	Laundry.	3	3	6	
April 3	Anderson, R. J.	Ludington.	Harness.	2		2	
April 18	Ayers, O. S.	Ludington.	Plumbing.	2		2	
April 6	Beebe, H. C.	Ludington.	Cement blocks.	1		1	
April 6	Boersma, J. S.	Ludington.	Plumbing.	5	1	6	
April 14	Bownc, Geo.	Ludington.	Blacksmithing.	1		1	
April 24	Carron Co., The.	Ludington.	Woodwork.	148	17	165	21
April 11	Cartier Auto Co.	Ludington.	Auto repairing.	7	1	8	
April 28	Cartier, A. E. Sons Co.	Ludington.	Furniture.	69	3	72	
April 6	Caswell, Chas. C.	Ludington.	Monuments.	1		1	
April 9	City Bakery.	Ludington.	Baked goods.	10	1	11	
April 10	Conrad, Parsons & Co.	Ludington.	Wall paper.	11	1	12	
April 10	Fath, H. P.	Ludington.	Machine repairing.	2		2	
April 5	Findling Garage.	Ludington.	Auto repairing.	2		2	
April 14	Fourth Ward Garage.	Ludington.	Auto repairing.	1		1	
April 3	Ford Garage, The.	Ludington.	Auto repairing.	2		2	
April 24	Gile Tractor & Engine Co.	Ludington.	Tractors and engines.	117	5	122	
April 9	Hallett, H. M.	Ludington.	Silver polish.	2	1	3	
April 23	Handy Things Mfg. Co.	Ludington.	Hardware, etc.	34	16	50	2
April 11	Hansen, Edith.	Ludington.	Millinery.	2	2		
April 14	Hansen, Otto & Rasmussen.	Ludington.	Blacksmithing.	3		3	
April 23	Haskell Mfg. Co.	Ludington.	Canoes.	16		16	
April 7	Hasse, James.	Ludington.	Hay, feed and grain.	2		2	
April 5	Hoglund, A. W.	Ludington.	Snuff.	1		1	
April 12	Hoover, Wm. & Son.	Ludington.	Wagon repairing.	2		2	
April 6	Hunter, W. J.	Ludington.	Cement blocks.	3		3	
April 5	Industrial Iron Works.	Ludington.	Machine repairing.	5		5	
April 17	Johnson Bros.	Ludington.	Coal.	5	1	6	
April 3	Johnson, Neils & Son.	Ludington.	Merchant tailoring.	2	2	4	
April 9	Kanouse, E.	Ludington.	Cigars.	3		3	
April 11	Knebl, Joseph.	Ludington.	Cleaning and pressing.	3	2	5	
April 12	Krause Tire & Repair Co.	Ludington.	Vulcanizing.	1		1	
April 6	Kuppers Exclusive Cloak Store.	Ludington.	Ladies' tailoring.	1	2	3	
April 21	Kupper & Homel.	Ludington.	Work shirts.	1	15	16	
April 3	Lagesen, J.	Ludington.	Baked goods.	4		4	
April 10	Lakeside Printing Co., The.	Ludington.	Job printing.	3	5	8	
April 3	Larsen & Hansen.	Ludington.	Blacksmithing.	3		3	
April 3	Lesen, Otto.	Ludington.	Merchant tailoring.	2		2	
April 23	Lubesky Bros. & Kleiner.	Ludington.	Cigars.	3	74	77	1
May 2	Lunde Boat Building Co.	Ludington.	Boats.	5		5	
April 12	Ludington Auto & Supply Co.	Ludington.	Auto repairing.	3		3	
April 16	Ludington Basket Co.	Ludington.	Fruit packages.	13		13	
April 10	Ludington Chronicle, The.	Ludington.	Printing.	4	3	7	1
April 14	Ludington Daily News, The.	Ludington.	Printing.	6	7	13	
April 5	Ludington Garment Mfg. Co.	Ludington.	Work shirts.	4	42	46	1
April 6	Ludington Gas Co.	Ludington.	Gas.	4	1	5	
April 7	Ludington Lumber Co.	Ludington.	Building material.	6	1	7	
April 7	Ludington Milling Co.	Ludington.	Flour and feed.	2		2	
April 7	Ludington Plumbing Co.	Ludington.	Plumbing and heating.	3	1	4	
April 9	Ludington Water Department.	Ludington.	Water.	7	1	8	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>MASON CO.—Con.</b>							
April 11	McDonald's Bakery	Ludington	Baked goods	5	2	7	
April 9	McKenzie, Mrs. D. W.	Ludington	Millinery		2	2	
April 12	Maloney, J. H.	Ludington	Blacksmithing	1		1	
April 5	Miller Garage	Ludington	Auto repairing	3		3	
April 14	Morton Salt Co.	Ludington	Salt	157	1	158	
April 11	Nielsen, N. P.	Ludington	Blacksmithing	1		1	
April 26	Pere Marquette R. R. Co.	Ludington	Freight	112	2	114	
April 16	Pere Marquette R. R. Co.	Ludington	Engine repairing	22		22	
April 3	Peters, G.	Ludington	Harness	1		1	
April 7	Peterson, Mollie	Ludington	Millinery		3	3	
April 6	Pollard, A.	Ludington	Plumbing	1		1	
April 7	Pomeroy, Paul Bottling Works	Ludington	Soft drinks	2	1	3	
April 3	Rohrmoser, Wm.	Ludington	Merchant tailoring	3		3	
April 5	Schrink, H. C. & Son	Ludington	Ice cream	3	1	4	
April 16	Standard Oil Co.	Ludington	Oils and greases	3		3	
April 10	Star Laundry	Ludington	Laundry	1	4	5	
April 23	Star Watch Case Co.	Ludington	Watch cases	157	87	244	
April 25	Stearns Light & Power Co.	Ludington	Light and power	12	2	14	
May 6	Stearns Salt & Lumber Co., The	Ludington	Salt and lumber	376	29	405	1
April 16	Stewart Bros.	Ludington	Cigars	3	3	6	
April 11	Svoboda, Frank	Ludington	Merchant tailoring	2		2	
April 6	Taylor, C. H.	Ludington	Shoe repairing	1		1	
April 10	Toggerly, The	Ludington	Tailoring	4		4	
April 11	Travis Millinery Co.	Ludington	Millinery		4	4	
April 7	XXth Century Sheet Metal Works	Ludington	Sheet metal	1		1	
April 9	United Home Telephone Co., The	Ludington	Telephone service	7	15	22	
April 13	Vorce & McIntosh	Ludington	Fuel and ice	8		8	
April 5	Walle & Johnson Garage Co.	Ludington	Auto repairing	2		2	
April 11	Widmark Lumber Co., The	Ludington	Building materials	7	1	8	
April 10	Williams, Joseph	Ludington	Electrical supplies	1		1	
April 28	Wooden Wonder Works	Ludington	Wooden novelties		4	4	
May 17	Luther Milling Co.	Luther	Flour	2		2	
May 15	Alpha Creamery, The	Scottville	Dairy products	4		4	
May 15	Lair, Chas	Scottville	blacksmithing	1		1	
May 15	Roach, W. R. & Co.	Scottville	Canned goods	21	8	29	
May 15	Robinson Auto Co.	Scottville	Auto repairing	4	1	5	
May 15	Scottville Enterprise, The	Scottville	Printing	4	2	6	
May 15	Scottville Flour Mills	Scottville	Flour and feed	3		3	
May 15	Scottville Garage & Auto Co.	Scottville	Auto repairing	3		3	
May 15	Scottville Lumber Co.	Scottville	Building material	3		3	
May 15	Scottville Produce Co.	Scottville	Produce	5	4	9	
May 15	Smith, T. D.	Scottville	Auto repairing	4	1	5	
May 15	Stone, A.	Scottville	Blacksmithing	2		2	
May 15	Talmage, M.	Scottville	Plumbing	1		1	
May 15	Tracy, Miss L. S.	Scottville	Millinery		2	2	
<b>MECOSTA COUNTY.</b>							
April 9	Barryton Creamery	Barryton	Butter	2		2	
April 9	Barryton Electric Light & Power Co.	Barryton	Light and power	1		1	
April 9	Barryton Grain Co.	Barryton	Grain and beans	3	13	16	
April 9	Barryton Press, The	Barryton	Printed matter	2		2	
April 9	Hunt, F. R.	Barryton	Lumber	7		7	
April 9	Hunt, F. B. & Son	Barryton	Auto repairing	2		2	
April 9	Mackersie Bros.	Barryton	Meats	2		2	
April 9	Williams Bros.	Barryton	Grain	3		3	
Mar. 3	Adams Express Co.	Big Rapids	Express service	3	1	4	
Mar. 3	Anderson, C. E.	Big Rapids	Plumbing	3		3	

## DEPARTMENT OF LABOR.

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MECOSTA Co.—Con.						
Mar. 29	Anderson, Theo.	Pig Rapids.	Plumbing.	2		2	
Mar. 30	Big Rapids Broom Co.	Pig Rapids	Brooms.	3	19	22	
Mar. 30	Big Rapids Electric Co.	Pig Rapids	Light and power.	6	1	7	
Mar. 26	Pig Rapids Furniture Mfg. Co.	Pig Rapids	Furniture.	47	1	48	
Mar. 27	Pig Rapids Garage.	Pig Rapids	Auto repairing.	4		4	
Mar. 3	Pig Rapids Gas Co.	Pig Rapids	Light and heat.	6		6	
Mar. 29	Binney Machine Works	Pig Rapids	Machine repairing.	4		4	
Mar. 30	Pig Rapids Pioneer-Herald, The	Pig Rapids	Printed matter.	9	6	15	1
April 12	Carlton's Market.	Pig Rapids	Meats.	2	2	2	
Mar. 29	City Bakery.	Pig Rapids	Baked goods.	7	3	10	
Mar. 3	City Shoe Hospital.	Pig Rapids	Shoe repairing.	1		1	
Mar. 27	City Laundry, The	Pig Rapids	Laundry.	6	13	19	
Mar. 3	Consumers Power Co.	Pig Rapids	Light and power.	3	1	4	
April 12	Consumers Power Co.	Pig Rapids	Light and power.	3		3	
Mar. 4	Cooley, A.	Pig Rapids	Grain and produce.	2		2	
Mar. 3	Cooper, Frank S.	Pig Rapids	Blacksmithing.	3		3	
Mar. 29	Darrah Milling Co.	Pig Rapids	Flour and feed.	9		9	
Mar. 29	Dominion Cigar Co.	Pig Rapids	Cigars.	2	1	3	
Mar. 26	Falcon Mfg. Co.	Pig Rapids	Furniture.	50	2	52	2
Mar. 30	Four Drive Tractor Co., The	Pig Rapids	Tractors.	17	1	18	
Mar. 3	Frederick, Eli.	Pig Rapids	Blacksmithing.	2		2	
Mar. 26	Freiberg, Geo. J.	Pig Rapids	Clothing.	1	1	2	
Mar. 26	Hanchett Swage Works	Pig Rapids	Machinery.	100	1	101	
April 12	Hangstafer, J. C. & Co.	Pig Rapids	Meats.	3		3	
April 12	Hangstafer, Chas.	Pig Rapids	Meats.	2		2	
Mar. 26	Hood & Wright.	Pig Rapids	Veneer.	44		44	1
Mar. 29	Jensens, The	Pig Rapids	Shoe repairing.	3		3	
Mar. 28	Jones & Green	Pig Rapids	Flooring.	33		33	
Mar. 30	Judson, C. P. & Co.	Pig Rapids	Plumbing.	4		4	
Mar. 26	Lange, Frank H.	Pig Rapids	Tailoring.	5		5	
Mar. 27	Lewellyn Bean Co.	Pig Rapids	Beans.	17	80	97	
Mar. 27	Luce-Redmond Chair Co.	Pig Rapids	Chairs.	56		56	2
April 12	Mecosta County Mills.	Pig Rapids	Flour and feed.	2		2	
Mar. 30	Merritt Garage.	Pig Rapids	Auto repairing.	2		2	
Mar. 28	Michigan Cigar Co.	Pig Rapids	Cigars.	4	5	9	
April 12	Michigan State Telephone Co.	Pig Rapids	Telephone service.	3	10	13	
Mar. 28	Miles & Buck.	Pig Rapids	Cigars.	4	1	5	
Mar. 3	Model Bakery, The	Pig Rapids	Baked goods.	3	2	5	
Mar. 28	Model Cooperative Creamery Assn.	Pig Rapids	Butter.	4		4	
Mar. 3	Morton Garage.	Pig Rapids	Auto repairing.	3		3	
Mar. 28	Murphy, C.	Pig Rapids	Grain.	1		1	
Mar. 28	Puritan Dry Cleaners.	Pig Rapids	Dry cleaning.	3	1	4	
Mar. 29	Rau Bros.	Pig Rapids	Meats.	3		3	
Mar. 26	Smith, S. S.	Pig Rapids	Meats.	2		2	
Mar. 29	Stewart, R. C.	Pig Rapids	Monuments.	3		3	
Mar. 29	Stimson, Lester J.	Pig Rapids	Beans.	5	7	12	
Mar. 28	Ward Bros.	Pig Rapids	Flooring.	76		76	
Mar. 28	Ward Lumber & Coal Co.	Pig Rapids	Lumber and coal.	6		6	
April 10	Mecosta News, The	Mecosta	Printed matter.	1	1	2	
April 13	Roberts Bros.	Mecosta	Flour and feed.	2		2	
April 10	Shantz, A. M.	Mecosta	Grain and beans.	3	15	18	
April 13	Stout & Butler.	Millbrook	Beans.	3	5	8	
April 11	Morley Garage.	Morley	Auto repairing.	3		3	
April 11	Pettie, J. B.	Morley	Beans and produce.	3		3	
April 11	Weeks Bros.	Morley	Blacksmithing.	2		2	
April 10	Ariss, John & Son	Remus	Meats.	3		3	
April 10	Briggs, Geo. H. & A. K.	Remus	Printed matter.	1	1	2	
April 10	Mansfield, D. & Co.	Remus	Grain and beans.	7	23	30	1
April 10	Remus Cooperative Creamery Co.	Remus	Dairy products.	2		2	
April 10	Weis, F. A.	Remus	Blacksmithing.	2		2	
April 13	Mansfield, D. & Co.	Rodney	Beans.	3	1	4	
Mar. 4	Waddell Bros.	Stanwood	Grain and produce.	3	1	4	



## Factory Inspection.—Continued.

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MENOMINEE COUNTY.							
Jan. 23	Daggett Creamery, The	Daggett	Dairy products	4		4	
Jan. 23	Daggett & Garden Produce Co	Daggett	Grain	3		3	
Jan. 23	Keener, M. R.	Daggett	Meats	2		2	
Jan. 23	Palm Bros	Daggett	Blacksmithing	3		3	
Jan. 23	Wisconsin Land & Lumber Co.	Hermansville	Forest products.	332	1	333	9
Jan. 23	Baril, Jos.	Ingalls	Blacksmithing	2		2	
Jan. 23	Carley, Ira	Ingalls	Lumber	21		21	
Jan. 23	DeMille, Henry	Ingalls	Blacksmithing	2		2	
Jan. 23	Maple Grove Cheese Factory	Ingalls	Dairy products	2		2	
Jan. 19	Albright's Bakery	Menominee	Baked goods	5	1	6	
Jan. 18	American Express Co.	Menominee	Express service	4	1	5	
Jan. 19	Anderson, Anton C.	Menominee	Blacksmithing	3		3	
Jan. 19	Auto Service Co.	Menominee	Auto repairing	7	1	8	
Jan. 19	Beutel Fisheries Co.	Menominee	Fish	2		2	
Jan. 18	Board of Public Works	Menominee	Water	9		9	
Jan. 22	Bothwell, D. G. Lumber & Cedar Co.	Menominee	Lumber	48		48	
Jan. 19	Carpenter, Cook Co.	Menominee	Wholesale groceries	32	10	42	
Jan. 19	Carpenter, Cook Co.	Menominee	Produce	13	1	14	
Jan. 21	Central West Coal Co.	Menominee	Coal	33	1	34	
Jan. 18	Christoffersen & Amundsen	Menominee	Jewelry	2		2	
Jan. 22	Crawford Cedar Co.	Menominee	Cedar products	30	2	41	
Jan. 22	Crawford Mfg. Co.	Menominee	Box shooks	39	1	40	7
Jan. 18	Dittmore, Gus	Menominee	Passenger service	5		5	
Jan. 18	Dormer Co., The	Menominee	Fish	14	1	15	
Jan. 18	Egger & Seidl	Menominee	Meats	3		3	
Jan. 19	Filip, Joseph	Menominee	Shoe repairing	2		2	
Jan. 19	Fisher Box Co.	Menominee	Paper boxes	11	11	22	
Jan. 22	Ford Garage	Menominee	Auto repairing	5	1	6	
Jan. 22	Gibout, L. E.	Menominee	Sash and doors	5		5	
Jan. 22	Gregory, W. B.	Menominee	Job printing	4		4	1
Jan. 19	Grignon, Mrs. A. D.	Menominee	Millinery		2	2	
Jan. 18	Gosling, Jehn	Menominee	Candy	3	3	6	
Jan. 23	Harter, Philip	Menominee	Shoes	3		3	
Jan. 18	Helm, Lou	Menominee	Custom tailoring	4		4	
Jan. 19	Henes & Keller Co.	Menominee	Machinery	33		33	
Jan. 22	Kartheiser, Frank N.	Menominee	Lumber	4		4	
Jan. 22	Kreus Bros.	Menominee	Meats	3		3	
Jan. 18	Lee, Jin	Menominee	Laundry	3		3	
Jan. 19	Leisen & Henes Brewing Co.	Menominee	Beer	19		19	
Jan. 22	Lloyd Mfg. Co., The	Menominee	Baby carriages	214	112	326	14
Jan. 22	Mansfield, Walter C.	Menominee	Lumber	16		16	
Jan. 19	Martensen Bros.	Menominee	Blacksmithing	4		4	
Jan. 22	Marinette & Menominee Paper Co.	Menominee	Paper	151	12	163	
Jan. 22	Menominee Boiler Works	Menominee	Boilers	17		17	
Jan. 22	Menominee Bottling Works	Menominee	Soft drinks	3		3	
Jan. 22	Menominee Electric Mfg. Co.	Menominee	Electric supplies	210	84	294	12
Jan. 19	Menominee Herald Leader	Menominee	Printing	23	8	31	3
Jan. 18	Menominee & Marinette Light & Traction Co.	Menominee	Electricity	42	5	47	20
Jan. 18	Menominee & Marinette Light & Traction Co.	Menominee	Electricity	5		5	
Jan. 18	Menominee & Marinette Light & Traction Co.	Menominee	Gas	6		6	
Jan. 18	Menominee & Marinette Light & Traction Co.	Menominee	Passenger service	40		40	
Jan. 22	Menominee Motor Truck Co.	Menominee	Trucks	61	4	65	
Jan. 18	Menominee Plumbing & Heating Co.	Menominee	Plumbing	3	1	4	
Jan. 19	Menominee Potash Co.	Menominee	Potash	5		5	
Jan. 19	Menominee River Auto Co.	Menominee	Auto repairing	3		3	

## DEPARTMENT OF LABOR.

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
MENOMINEE CO.—Con.							
Jan. 22	Menominee River Brewing Co.	Menominee	Beer	27		27	
Jan. 19	Menominee River Sugar Co.	Menominee	Sugar	221	2	223	6
Jan. 22	Menominee Saw Co.	Menominee	Saws	6	1	7	
Jan. 22	Menominee Steam Laundry	Menominee	Laundry	2	6	8	
Jan. 19	Michigan Candy Co., The	Menominee	Candy	2	18	20	1
Jan. 19	Michigan Coffee & Spice Co.	Menominee	Coffee and spices	2	6	8	1
Jan. 22	Michigan Electrochemical Co.	Menominee	Chemicals	67	1	68	
Jan. 19	Michigan Refining & Preserving Co.	Menominee	Fruits and pickles	30	33	63	
Jan. 21	Michigan State Telephone Co.	Menominee	Telephone service	6	14	20	
Jan. 18	Market, Z. & H.	Menominee	Meats	3		3	
Jan. 19	National Bakery, The	Menominee	Baked goods	4	1	5	
Jan. 19	Northern Hardware & Supply Co.	Menominee	Hardware	20	6	26	
Jan. 19	Nowack, F. C. Co., The	Menominee	Ice and coal	13		13	
Jan. 22	Prescott Co., The	Menominee	Machinery	192	4	196	5
Jan. 19	Ranney Fish Co., The	Menominee	Fish	3		3	
Jan. 18	Riley & Seidl	Menominee	Machinery	5	1	6	
Jan. 19	Roper, J. R.	Menominee	Lath and shingles	14	2	16	
Jan. 22	Schmidt, H. P.	Menominee	Baked goods	4	1	5	
Jan. 18	Simpson, William	Menominee	Hardware	5		5	
Jan. 22	Spies-Thompson Lumber Co.	Menominee	Lumber	100		100	
Jan. 22	Sporrer Bros.	Menominee	Meats and groceries	5		5	
Jan. 18	Square Peoples House Furniture Co.	Menominee	House furnishings	13	2	15	
Jan. 18	Star Laundry	Menominee	Laundry	2	4	6	
Jan. 18	Stiles, John	Menominee	Cigars	3		3	
Jan. 18	Stryker, A. B.	Menominee	Cigars	4		4	
Jan. 18	Thomsen Bros.	Menominee	Repairing	6		6	
Jan. 22	Twin City Packing Co.	Menominee	Meats	18		18	
Jan. 18	Wachowisk, F. A.	Menominee	Custom tailoring	6		6	
Jan. 19	Wells, J. W. Lumber Co.	Menominee	Lumber	390	2	362	5
Jan. 18	Wescher, Frank	Menominee	Plumbing	7	1	8	
Jan. 19	Whitton, Chas.	Menominee	Auto repairing	3	1	4	
Jan. 18	Western Union Telegraph Co., The	Menominee	Telegraph service	4	1	5	2
Jan. 23	Gunville, J. A.	Powers	Meats	3		3	
Jan. 23	Powers-Spalding Tribune, The	Powers	Printing	1	2	3	
Jan. 23	Duquaine, Wm	Spalding	Blacksmithing	1		1	
Jan. 23	Journal, The	Stephenson	Printed matter	3	2	5	1
Jan. 23	Nordquist, Oscar	Stephenson	Auto repairing	3		3	
Jan. 23	Stephenson Creamery	Stephenson	Dairy products	2		2	
Jan. 23	Stephenson Livery, The	Stephenson	Passenger service	3		3	
Jan. 23	Winters, W. B.	Stephenson	Blacksmithing	3		3	
MIDLAND COUNTY.							
Oct. 24	Battle, James F.	Coleman	Auto repairing	2		2	
Oct. 24	Coleman Elevator Co.	Coleman	Grain and beans	2	37	39	
Oct. 24	Coleman Independent	Coleman	Printing	2		2	
Oct. 24	Farmers Cooperative Co.	Coleman	Dairy products	1		1	
Oct. 24	Hursh & Son	Coleman	Grain and beans	3		3	
Oct. 24	Muller, E. B. & Co.	Coleman	Chicory	10	1	11	
Oct. 24	Owens, E. A.	Coleman	Blacksmithing	1		1	
Oct. 24	See, N. G.	Coleman	Dairy products	1		1	
Oct. 23	American Bromine Co.	Midland	Chemicals	12	1	13	1
Oct. 23	American Dry Cleaning Co.	Midland	Dry cleaning	1	1	2	
Oct. 23	Beacom, Mrs. H. W.	Midland	Millinery		1	1	
Oct. 22	Beckerson, E. & Son	Midland	Passenger service	3		3	
Oct. 22	Brown, Chas.	Midland	Lumber	8		8	
Oct. 22	Brown, Orin	Midland	Blacksmithing	3		3	1
Oct. 24	Deagostino, Joseph	Midland	Shoe repairing	2		2	

Factory Inspection.—Continued.

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<b>MIDLAND CO.—Con.</b>							
Oct. 23	Dow Chemical Co., The	Midland	Chemicals	1,609	17	1,626	15
Oct. 22	Granes Bakery	Midland	Baked goods	3		3	
Oct. 23	Grinnell Printery, The	Midland	Printing	1		1	
Oct. 22	Kraker, Mrs. S. L.	Midland	Millinery		2	2	
Oct. 23	McCartney, Earl	Midland	Auto repairing	4		4	
Oct. 24	Midland Cooperative Association	Midland	Grain and beans	3	24	27	
Oct. 22	Midland Iron Works	Midland	Castings	10		10	
Oct. 22	Midland Republican, The	Midland	Printing	5	1	6	
Oct. 23	Midland Water Works	Midland	Water	1		1	
Oct. 22	Orr Bean & Grain Co.	Midland	Grain and beans	5	29	34	
Oct. 23	Oviatt, C. G.	Midland	Baked goods	5	4	9	1
Oct. 22	Spagnuolo, Sam.	Midland	Candy	1		1	
Oct. 22	Spencer & Heinselman	Midland	Plumbing	9	1	10	
Oct. 23	Towar Wayne County Creamery	Midland	Dairy products	1		1	
Oct. 22	Vasold Bros. & Co.	Midland	Butter	3		3	
Oct. 22	Venner Auto Co., The	Midland	Auto repairing	6		6	
Oct. 24	Allswede, W. H.	Sanford	Grain and beans	2	18	20	
<b>MISSAUKEE COUNTY.</b>							
Jan. 19	Cadillac Chemical Co.	Jennings	Chemicals	41		41	
Feb. 15	Anton Iverson Glove Co., The	Lake City	Canvas gloves	2	16	12	
Feb. 15	Electric Light & Water Co.	Lake City	Light and water	3		3	
Feb. 15	Lake City Creamery Co.	Lake City	Butter	2		2	
Feb. 15	Lake City Hardware Co.	Lake City	Auto repairing	2		2	
Feb. 15	Missaukee Republican	Lake City	Printing	1	1	2	
Feb. 15	Plain Dealer, The	Lake City	Printing	2	1	3	
Feb. 15	Rose, Fred.	Lake City	Produce and grain	3	2	5	
Feb. 14	Boersma, M. & Sons	McBain	Meats and produce	4		4	
Feb. 14	Farmers' Elevator Co., The	McBain	Farm produce	2	10	12	
Feb. 14	Longstreet, J.	McBain	Blacksmithing	2		2	
Feb. 14	McBain Chronicle, The	McBain	Printing	1	1	2	
Feb. 14	McBain Flouring Mills	McBain	Flour and feed	8		8	
Feb. 14	McBain Grain Co.	McBain	Produce	5	31	39	
Feb. 14	Sanitary Market, The	McBain	Meats	1		1	
<b>MONROE COUNTY.</b>							
Dec. 7	Carleton Times, The	Carleton	Printed matter	1	2	3	
Dec. 7	Hause Bros.	Carleton	Meats	3		3	
Dec. 7	Kahlbaum, J. E. & Sons	Carleton	Flour and feed	5		5	
Dec. 7	Reiser, C. H.	Carleton	Lumber	4		4	
Dec. 7	Reeves, S. O.	Carleton	Auto repairing	3	1	4	
Dec. 5	Dundee Milling Co.	Dundee	Flour and feed	3		3	
Dec. 5	Dundee Power Co.	Dundee	Light	4		4	
Dec. 5	Dundee Reporter, The	Dundee	Printing	2		2	
Dec. 5	Michigan Milling Co.	Dundee	Flour and feed	3	1	4	
Dec. 5	Nu-Way Stretch Suspender Co.	Dundee	Suspenders	9	49	58	
Dec. 5	Spohr, C. F. & Son	Dundee	Lumber	3		3	
Dec. 5	Towar's Wayne County Creamery	Dundee	Dairy products	3		3	
Dec. 5	Vanderventer, M. J. & Son	Dundee	Canned goods	7	1	8	
Dec. 6	Liedel, S. & Sons	Maybee	Flour and feed	3		3	
Dec. 6	Liedel & Sons	Maybee	Meats	3		3	
Dec. 6	Maybee Brick & Tile Co.	Maybee	Brick and tile	6		6	
Dec. 6	Towar's Wayne County Creamery	Maybee	Dairy products	3		3	
Dec. 6	Wagner, Wm.	Maybee	Wagons	1		1	
Nov. 14	Amendt Milling Co.	Monroe	Flour	31	5	36	
Nov. 13	Beck, C. F. & Son Co.	Monroe	Lumber	10	1	11	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>MONROE Co.—Con.</b>							
Nov. 19	Boehme & Rauch Co., The	Monroe	Paper	705	28	733	8
Nov. 14	Democrat Printing & Publishing Co.	Monroe	Printing	8	4	12	
Nov. 19	Detroit Edison Co., The	Monroe	Electricity	14	1	15	
Nov. 19	Detroit United Ry.	Monroe	Electricity	16		16	
Nov. 13	Diehl's Bakery	Monroe	Baked goods	5	1	6	
Nov. 14	Dusseau, J. J.	Monroe	Cigars	6		6	
Nov. 14	Eichbauer Bros.	Monroe	Monuments	7		7	
Nov. 20	France Stone Co., The	Monroe	Stone	88		88	
Nov. 14	Greening's Nursery Co.	Monroe	Nursery	54	5	59	
Nov. 13	Hubble Auto Co.	Monroe	Auto repairing	7	1	8	
Nov. 14	Hurd, G. R. Co., The	Monroe	Coal	17	1	18	
Nov. 13	K. & K. Ice & Coal Co.	Monroe	Coal and ice	15	1	16	
Nov. 13	McMillan Printing Co.	Monroe	Printing	5	2	7	
Dec. 6	Maybe Lumber Co.	Monroe	Lumber	3	1	4	
Nov. 13	Model Bakery, The	Monroe	Baked goods	6	2	8	
Nov. 14	Monroe Binder Board Co., The	Monroe	Binder boards	215		215	
Nov. 13	Monroe Butter & Cheese Factory, The	Monroe	Butter and cheese	5		5	
Nov. 13	Monroe Canning & Packing Co., The	Monroe	Canned goods	10	10	20	
Nov. 14	Monroe Foundry & Furnace Co., The	Monroe	Castings	61	1	62	
Nov. 14	Monroe Gas Light & Fuel Co.	Monroe	Gas and fuel	31	2	33	
Nov. 14	Monroe Lumber Co.	Monroe	Lumber	11		11	
Nov. 13	Monroe Nursery Co.	Monroe	Trees and shrubery	58	4	62	
Nov. 13	Monroe Steam Laundry Co.	Monroe	Laundry	6	8	14	1
Nov. 14	Monroe Steel Castings Co.	Monroe	Steel castings	35		35	
Nov. 19	Monroe Water Co.	Monroe	Water	9		9	
Nov. 13	Radtko Lumber & Supply Co.	Monroe	Lumber	36	2	38	1
Nov. 14	Record Publishing Co., The	Monroe	Printing	10	1	11	
Nov. 14	Reisig, H. J. & Son	Monroe	Tailoring	9	6	15	
Nov. 20	River Raisin Paper Co.	Monroe	Paper	135		135	
Nov. 20	River Raisin Paper Co.	Monroe	Paper	336	10	346	
Nov. 14	Schrauder & Co.	Monroe	Meats	31	2	33	
Nov. 19	Sterling, W. C. & Son	Monroe	Coal and ice	18	2	20	
Nov. 19	Swiss Magneto Co.	Monroe	Magnetos	78	18	96	
Nov. 19	Van Blerck Motor Co.	Monroe	Motors	94	11	105	1
Nov. 14	Weis Fibre Container Corp.	Monroe	Fibre containers	32	56	88	2
Nov. 14	Weis Mfg. Co.	Monroe	Furniture	201	108	309	16
Nov. 13	Wildor-Strong Implement Co.	Monroe	Implements	65	5	70	2
Dec. 5	East Side Creamery Co.	Petersburg	Dairy products	2		2	
Dec. 5	Faling, A. P.	Petersburg	Printing	1	1	2	
Dec. 5	Guggenbiller, Gus.	Petersburg	Feed	2		2	
Dec. 5	Kohler, Fred Lumber Co.	Petersburg	Lumber	4		4	
Dec. 5	Stone, G. A. Lumber Co.	Petersburg	Lumber	3		3	
<b>MONTCALM COUNTY.</b>							
Feb. 12	Amble Creamery Co.	Amble	Dairy products	2		2	
Feb. 12	Waldo, O. C.	Amble	Grain and beans	3	10	13	
Feb. 8	Banton & Kerr	Butternut	Grain and produce	3	1	4	
Feb. 8	Campbell, H. J.	Butternut	Cheese	8	1	9	
Feb. 8	Libby, McNeil & Libby	Butternut	Pickles	1		1	
Feb. 7	Brader, J. A.	Carson City	Baked goods	2	1	3	
Feb. 7	Brail, A. F.	Carson City	Blacksmithing	2		2	
Feb. 7	Calkins, Tom	Carson City	Blacksmithing	2		2	
Feb. 7	Carson City Produce Co.	Carson City	Farm produce	3		3	
Feb. 7	Carson City Water Works	Carson City	Water	2		2	
Feb. 7	Hutting, M.	Carson City	Harness	2		2	
Feb. 7	Lyon & Daniels	Carson City	Flour	3		3	
Feb. 7	McCrary & Jennings	Carson City	Meats	2		2	
Feb. 7	Ralph, Frank	Carson City	Auto repairing	4		4	
Feb. 7	Rockafellow Grain Co.	Carson City	Grain and beans	16	39	55	

Factory Inspection.—Continued.

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<b>MONTCALM Co.—Con.</b>							
Feb. 7	Union Telephone Co., The	Carson City	Telephone service	2	4	6	1
Feb. 7	VanSickle Produce Co., The	Carson City	Farm produce	3		3	
Feb. 7	Waters, J. T.	Carson City	Machine repairing	2		2	
June 8	Baldwin, Chas. A.	Coral	Lumber	3		3	
June 8	Coral Auto Co.	Coral	Auto repairing	3	1	4	
June 8	Coral News, The	Coral	Printed matter	1		1	
June 8	Farmers' Cooperative Creamery Co.	Coral	Butter	3		3	
June 8	Skeoch, J. E. & Sons	Coral	Beans and produce	5	12	17	
Feb. 4	Barber, L. & Co.	Edmore	Dairy products	9	3	12	
Feb. 4	Curtiss, A. E.	Edmore	Beans and produce	5	4	9	1
Feb. 4	Edmore Garage	Edmore	Auto repairing	4		4	
Feb. 4	Edmore Water Works	Edmore	Water	1		1	
Feb. 4	Heins, H. J. Co.	Edmore	Pickles	2		2	
Feb. 4	Home Bakery	Edmore	Baked goods	1		1	
Feb. 4	Johnson Grain Co.	Edmore	Grain	3		3	
Feb. 4	Overnhouse, Robert E.	Edmore	Blacksmithing	2		2	
Feb. 4	Rosch, W. R. & Co.	Edmore	Canned goods	263	32	295	10
Feb. 4	Sack's Sanitary Markets	Edmore	Meats	3		3	
Feb. 4	Universal Power Co.	Edmore	Flour and grain	2		2	
Feb. 4	Universal Power Co.	Edmore	Light	2		2	
Feb. 4	White, W. Printing Co.	Edmore	Printing	1	2	3	
Feb. 4	Wilson, B. C. & Co.	Edmore	Harness	2		2	
June 20	Becker, Fred	Greenville	Baked goods	2	1	3	
June 19	Belknap Cement Products Co.	Greenville	Cement blocks	15		15	
June 14	Belknap Lumber Co.	Greenville	Lumber	3		3	
June 19	Boothholders Protective Committee	Greenville	Heat and light	3	1	4	
June 16	Callaghan, J. & Son	Greenville	Harness	4		4	
June 20	Central Market	Greenville	Meats	4		4	1
June 15	Chittick & Smith	Greenville	Blacksmithing	2		2	
June 19	Christensen Glove Works	Greenville	Gloves	11	12	23	4
June 19	Church, J. A.	Greenville	Plumbing	2	1	3	
June 18	Citizens Telephone Co.	Greenville	Telephone service	2	10	12	
June 16	City Laundry	Greenville	Laundry	2	3	5	
June 20	Dronkers Printing Co.	Greenville	Printing	1		1	
June 16	Elliott, Eugene	Greenville	Plumbing	3		3	
June 12	Gibson, C. H. & Co.	Greenville	Beans	11	20	31	
June 14	Gibson Refrigerator Co.	Greenville	Refrigerators	252	2	254	
June 12	Gilmour, C. L.	Greenville	Jeweler	2		2	
June 19	Green, L. J.	Greenville	Baked goods	2	2	4	
June 12	Greenville City Water Works	Greenville	Water	3		3	
June 16	Greenville Creamery	Greenville	Butter	4		4	
June 14	Greenville Fixture Co.	Greenville	Racks	4		4	
June 15	Greenville Floral Co.	Greenville	Flowers	11	3	14	
June 19	Greenville Implement Co.	Greenville	Implements	15	1	16	
June 19	Greenville Independent Printing Co.	Greenville	Printed matter	5	2	7	1
June 11	Greenville Lumber Co.	Greenville	Lumber	2		2	
Feb. 6	Greenville Produce & Supply Co.	Greenville	Produce	6		6	
June 18	Greenville Steam Laundry	Greenville	Laundry	2	5	7	
June 16	Kemp, O. C. & Son	Greenville	Auto repairing	6	1	7	
June 16	Knapp, Thoms & Petersen	Greenville	Blacksmithing	4		4	
Feb. 6	Longnecker, David	Greenville	Harness	2		2	
June 18	Martin, F. R. & Co.	Greenville	Plumbing	3	1	4	
June 15	Michigan Garment Co.	Greenville	Overalls and shirts	5	FR	63	6
Feb. 6	Michigan State Telephone Co.	Greenville	Telephone service	1	3	4	
June 14	Montealm Creamery Co.	Greenville	Butter	5	1	6	
June 14	Moore Plow & Implement Co.	Greenville	Plows	51	2	53	
June 16	Mulholland, J. W.	Greenville	Auto repairing	2		2	
June 11	Nelson, Frank	Greenville	Meats	3		3	
June 14	North Side Garage	Greenville	Auto repairing	3		3	
June 15	Noxon, B. M.	Greenville	Shoe repairing	1		1	

## Factory Inspection.—Continued.

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MONTCALM Co.—Con.							
June 12	Prentice, L. B.	Greenville	Tailoring	1	1	2	
June 15	Ridley, J. T.	Greenville	Dairy products	4		4	
June 16	Riley, Chas. W.	Greenville	Auto repairing	3	1	4	
June 12	Ranney Refrigerator Co.	Greenville	Refrigerators	104	2	106	4
June 12	Ranney Refrigerator Co.	Greenville	Refrigerators	79		79	3
June 12	Slawson, Earle B.	Greenville	Beans	4	26	30	
June 12	Tower, R. J. Electric Co., The	Greenville	Light and power	6	1	7	
June 11	Tower, R. J. Iron Works, The	Greenville	Iron	48	1	49	
June 14	Tower, R. J. Milling Co., The	Greenville	Flour	5		5	
June 12	Tower Motor Truck Co.	Greenville	Motor trucks	10		10	
June 15	Weeks, C. W. & Co.	Greenville	Monuments	3		3	
June 20	Wells, William B.	Greenville	Printing	3	3	6	
June 16	Wilber, Elmer & Co.	Greenville	Auto repairing	3		3	
June 7	Butler, M. F.	Howard City	Harness	1		1	
June 7	Howard City Garage, The	Howard City	Auto repairing	3		3	
June 7	Howard City Record, The	Howard City	Printed matter	4	1	5	1
June 7	Howard City Water Works	Howard City	Water	1		1	
May 29	Michigan Dairy Products Assn	Howard City	Dairy products	1		1	
June 8	Mitchell, H. W.	Howard City	Baked goods	2	1	3	
May 29	O'Donald, A.	Howard City	Beans	4	15	19	
June 7	Perry, Richard	Howard City	Meats	3		3	
May 29	Prout, J. H. & Co.	Howard City	Flour and feed	3		3	
Feb. 12	Universal Power Co.	Howard City	Light and power	3		3	
June 7	Williams, Ceylon	Howard City	Crates	4		4	
Feb. 12	Williams Bros. Co., The	Howard City	Pickles	2		2	
June 22	Bale, John J.	Lakeview	Lumber	10	1	20	
June 21	Bollinger, R. & C. C.	Lakeview	Auto repairing	5	1	6	
June 22	Brown, Roy	Lakeview	Plumbing	2		2	
June 22	Charney, Will	Lakeview	Meats and groceries	3		3	
June 21	Cliff's Garage	Lakeview	Auto repairing	3		3	
June 21	Hackett, E. A.	Lakeview	Blacksmithing	1		1	
Feb. 13	Johnson, Peter	Lakeview	Blacksmithing	3		3	1
June 21	Lakeview Creamery	Lakeview	Butter	2		2	
June 21	Lakeview Elevator Co.	Lakeview	Grain and beans	3	6	9	
June 22	Lakeview Enterprise, The	Lakeview	Printed matter	1	2	3	
June 22	Lakeview Milling Co.	Lakeview	Flour and grain	3	13	16	
June 21	Lakeview Water Works	Lakeview	Water	1		1	
June 22	Moore, F. E. Co., The	Lakeview	Printing	1	1	2	
June 21	Peterson, Peter	Lakeview	Meats and groceries	3		3	
June 22	Smith & Saxton	Lakeview	Plumbing	3	1	4	
Feb. 13	Union Telephone Co., The	Lakeview	Telephone service	1	3	4	
Feb. 5	Cadwell, B. E.	McBride	Grain and produce	2	6	8	
Feb. 5	Heinz, H. J. Co.	McBride	Pickles	1		1	
Feb. 5	Sack's Sanitary Markets	McBride	Meats	3		3	
Feb. 15	Pierson Elevator Co.	Pierson	Beans and grain	4	25	29	
Feb. 8	Alert & McGuire	Sheridan	Pickles	1		1	
Feb. 8	Hine Lumber Co.	Sheridan	Lumber	3		3	
Feb. 8	Rutherford, E. A.	Sheridan	Grain and lumber	3		3	
Feb. 8	Sheridan Advertiser	Sheridan	Printed matter	1	1	2	
Feb. 8	Sheridan Water Works	Sheridan	Water	1		1	
Feb. 8	Wolverine Condensed Milk Co.	Sheridan	Cheese	15		15	
Feb. 8	Wyckoff, F. M.	Sheridan	Peas and produce	3	6	9	
Feb. 12	Love, Wm. R.	Six Lakes	Meats	2		2	1
Feb. 12	Six Lakes Elevator Co.	Six Lakes	Grain and beans	4	21	25	
Feb. 12	Six Lakes Garage	Six Lakes	Auto repairing	3		3	
Feb. 12	Williams Bros. Co., The	Six Lakes	Pickles	2		2	
Feb. 5	Buckrell, John	Stanton	Blacksmithing	3		3	
Feb. 5	Cadwell, B. E.	Stanton	Flour	3	11	14	
Feb. 5	Florin Washer, The	Stanton	Washing machines	4		4	
Feb. 5	Libby, McNeil & Libby	Stanton	Pickles	1		1	

Factory Inspection.—Continued.

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<b>MONTCALM CO.—Con.</b>							
Feb. 5	Rasmussen's Elevator.....	Stanton.....	Grain.....	3		3	
Feb. 5	Stanton City Bakery.....	Stanton.....	Baked goods.....	2		2	
Feb. 5	Stanton Clipper-Herald.....	Stanton.....	Printed matter.....	2		2	
Feb. 5	Stanton Water & Light Co.....	Stanton.....	Water and light.....	3	1	4	
Feb. 5	Steffensen & Terrell.....	Stanton.....	Blacksmithing.....	3		3	
Feb. 5	Westfield & Fall River Lumber Co.....	Stanton.....	Wood and coal.....	2	1	3	
Feb. 5	Willett, R. D.....	Stanton.....	Meats.....	2		2	
June 9	Hansen, Oscar.....	Trufant.....	Cigars.....	2	1	3	
June 9	Hansen, Oscar.....	Trufant.....	Grain and beans.....	3		3	
June 9	Larsen, J. W.....	Trufant.....	Meats.....	2		2	
June 9	Trufant Lumber Co.....	Trufant.....	Lumber.....	3		3	
May 28	Michigan Bean Co.....	Vestaburg.....	Beans.....	3	12	15	
May 28	Noble & Nickerson.....	Vestaburg.....	Meats.....	3		3	
Feb. 8	Rockafellow Grain Co.....	Vickeryville.....	Grain and beans.....	2		2	
<b>MONTMORENCY COUNTY.</b>							
Aug. 16	Atlanta Hardware Co.....	Atlanta.....	Hardware.....	3	1	4	
Aug. 16	Rouse, G. M.....	Atlanta.....	Lumber.....	4		4	
Nov. 8	Cook, Albert & Co.....	Hillman.....	Flour and grain.....	2		2	
Aug. 15	Elowski, Paul.....	Hillman.....	Lumber.....	4		4	
Aug. 15	Elowski Flour Mill.....	Hillman.....	Flour.....	2		2	
Aug. 16	Hillman Creamery Co.....	Hillman.....	Dairy products.....	2		2	1
Nov. 8	Hillman Light & Water Co.....	Hillman.....	Light and water.....	2		2	
Aug. 16	Lake, T. A.....	Hillman.....	Auto repairing.....	3		3	
Nov. 8	Main River Roller Mills.....	Hillman.....	Shingles.....	5		5	
Nov. 8	Main River Roller Mills.....	Hillman.....	Lumber.....	5		5	
Aug. 15	Montmorency County Herald & Tribune.....	Hillman.....	Job printing.....	2		2	
Aug. 15	Murphy, W. W.....	Hillman.....	Meats.....	1		1	
Nov. 8	Onaway-Alpena Telephone Co.....	Hillman.....	Telephone service.....	1	2	3	
Aug. 15	Sherk, A. N.....	Hillman.....	Repairing watches.....	1		1	
Nov. 8	Standard Oil Co.....	Hillman.....	Oils.....	2		2	
Aug. 15	Younger Bros.....	Hillman.....	Blacksmithing.....	2		2	
<b>MUSKEGON COUNTY.</b>							
Dec. 3	Gould, C. W. Co.....	Bailey.....	Produce.....	3		3	
Dec. 3	Loveland & Hinyan Co.....	Bailey.....	Produce.....	2	12	14	
Dec. 3	Moore, A. W.....	Bailey.....	Blacksmithing.....	2		2	
Dec. 3	Smith, Jas. L.....	Bailey.....	Meats.....	1		1	
Dec. 3	Stark, L. Co.....	Bailey.....	Produce.....	1		1	
Nov. 16	Brooks, E. C.....	Casnovia.....	Blacksmithing.....	2		2	
Nov. 16	Brott Bros. Lumber Co.....	Casnovia.....	Lumber.....	1	1	2	
Nov. 16	Doolittle, Benson E.....	Casnovia.....	Meats.....	1		1	
Nov. 16	Hanville & Kelly.....	Casnovia.....	Harness.....	2		2	
Nov. 20	Michigan Pickle Co.....	Casnovia.....	Pickles.....	2		2	
Nov. 20	Morey, Hayes.....	Casnovia.....	Blacksmithing.....	1		1	
Dec. 22	Grand Rapids, Grand Haven & Muskegon Ry.....	Fruitport.....	Car repairing.....	29	2	31	
Aug. 30	Peoples Milling Co.....	Holtton.....	Produce.....	2		2	
Nov. 14	Amazon Knitting Co.....	Muskegon.....	Knit goods.....	122	537	659	20
Nov. 5	American Enameled Magnet Wire Co.....	Muskegon.....	Magnet wire.....	72	76	148	3
Sept. 7	American Express Co.....	Muskegon.....	Express service.....	8		8	
Nov. 10	American Shoe Shop.....	Muskegon.....	Shoe repairing.....	3		3	
Nov. 4	Amiotte, J. J.....	Muskegon.....	Livery service.....	6		6	
Nov. 4	Anderson Shoe Shop.....	Muskegon.....	Shoe repairing.....	2		2	
Aug. 28	Anderson, Iver & Sons.....	Muskegon.....	Meats.....	2		2	
Nov. 14	Apple Street Auto Co.....	Muskegon.....	Auto repairing.....	3	1	4	
Oct. 24	Auto Sales & Service Co.....	Muskegon.....	Auto repairing.....	2		2	
Sept. 6	Baldwin, W. A.....	Muskegon.....	Blacksmithing.....	2		2	
Aug. 29	Ballantine, J. H.....	Muskegon.....	Cleaning and pressing.....	1		1	
Aug. 28	Bauknecht Bros.....	Muskegon.....	Coal.....	14		14	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number makes em-		Whole number em-	Number who were under 16 years of age.
				ployed.	ployed.		
MUSKEGON Co.—Con.							
Oct. 27	Bergman, J. A.	Muskegon	Tailoring	1		1	
Oct. 15	Birch, Martin & Sons	Muskegon	Meats	4		4	
Oct. 11	Blakeley & McGinnes	Muskegon	Blacksmithing	2		2	
Oct. 24	Boomhower Auto Supply Co.	Muskegon	Auto supplies	2		2	
Oct. 8	Bovik, E.	Muskegon	Tailoring	1	1	2	
Oct. 24	Brinen, W. J. Lumber Co.	Muskegon	Lumber	24		24	
Nov. 23	Brunswick-Balke-Collender Co., The	Muskegon	Billiard tables	1,213	118	1,331	26
Oct. 27	Campbell Mfg. & Foundry Co.	Muskegon	Castings	89	8	97	
Oct. 8	Carr, Jane	Muskegon	Dressmaking		1	1	
Feb. 1	Castenholz-Albers Co.	Muskegon	Meats	10		10	
Aug. 23	Central Paper Co.	Muskegon	Paper	347	25	372	9
Aug. 24	Chase-Hackley Piano Co.	Muskegon	Pianos	108	3	111	6
Dec. 19	Christie, D.	Muskegon	Baked goods	13		13	1
Nov. 6	Christiansen & Wenk	Muskegon	Coal and wood	4	1	5	
Aug. 28	Cloetingh, P. L.	Muskegon	Sheet metal	3		3	
Dec. 6	Clover Foundry Co., The	Muskegon	Castings	50	1	51	
Oct. 16	Clover Leaf Dairy	Muskegon	Dairy products	4	1	5	1
Oct. 9	Cohn, Nosh	Muskegon	Merchant tailoring	3	3	6	
Sept. 6	Consumers Power Co.	Muskegon	Power	47	4	51	
Oct. 1	Connell, P. J. Co.	Muskegon	Cement supplies	7		7	
Aug. 27	Cooperative Press, Inc.	Muskegon	Printing	2		2	
Nov. 5	Continental Motors Corporation	Muskegon	Gasoline motors	2,618	53	2,671	10
Oct. 8	Coyne, James	Muskegon	Plumbing	6	1	7	
Sept. 6	Dalton Creamery	Muskegon	Dairy products	6	1	7	
Dec. 3	Dans Printing Co., The	Muskegon	Printing	10	4	14	1
Sept. 6	Daniels, M. A.	Muskegon	Tailoring	2		2	
Nov. 5	Deeter, B. F.	Muskegon	Auto trimming	1		1	
Oct. 29	Eagle Iron Works	Muskegon	Castings	21		21	
Aug. 29	Eagle Vulcanising Co.	Muskegon	Tire repairing	1		1	
Oct. 16	Electric Service Co., The	Muskegon	Electrical repairing	7	1	8	
Dec. 21	Emena, Mrs. Z. V.	Muskegon	Baked goods	5	3	8	
Oct. 1	English, R. F.	Muskegon	Tailoring	9	1	10	
Aug. 28	Ernewein, Joseph	Muskegon	General repairing	2		2	
Oct. 1	Fink, L. H.	Muskegon	Cigars	10	2	12	2
Dec. 1	Fleckenstein, C. G. Co.	Muskegon	Leather	85	28	113	4
Oct. 4	Fonger, C. E. & Son	Muskegon	Bicycle repairing	2		2	
Aug. 28	Foote, W. C.	Muskegon	Printing	5	1	6	
Oct. 15	Fosma, O. H.	Muskegon	Shoe repairing	1		1	
Sept. 7	Friant & Rourk	Muskegon	Tailoring	1		1	
Sept. 6	French Dry Cleaning Co.	Muskegon	Cleaning	2		2	
Aug. 21	French Dry Cleaning & Dye Works	Muskegon	Cleaning	1	1	2	
Oct. 15	Gretzl, Frank	Muskegon	Meats	1		1	
Nov. 6	Gordon, L. O. Mfg. Co.	Muskegon	Machinery	66	1	67	1
Aug. 28	Grand Trunk Ry. System	Muskegon	Freight	6	2	8	1
Oct. 15	Great Western Oil Co., The	Muskegon	Oils and gasoline	5	1	6	
Aug. 31	Green, Wm. S.	Muskegon	Printing	8		8	1
Nov. 9	Haglund, G.	Muskegon	Blacksmithing	3		3	
Aug. 27	Hathaway, Frank E.	Muskegon	Auto repairing	22	2	24	
Oct. 17	Hasekamp, John	Muskegon	Meats	2		2	
Oct. 12	Heights Lumber Co., The	Muskegon	Lumber	11		11	2
Sept. 6	Howden, J. J. Co.	Muskegon	Plumbing	14	1	15	
Dec. 6	Howe Chain Co.	Muskegon	Chains	11	1	12	
Nov. 10	Hughes, E. J.	Muskegon	Blacksmithing	2		2	
Sept. 5	Hunter Bros.	Muskegon	Plumbing	2		2	
Oct. 10	Hunter's Garage	Muskegon	Auto repairing	2		2	
Sept. 24	Independent Electric Co.	Muskegon	Electric supplies	11	3	14	
Oct. 22	Jager, S. W.	Muskegon	Cigars	2		2	
Oct. 8	Jiroch, Francis	Muskegon	Cigars	17	3	20	
Oct. 2	Johnson Milling Co.	Muskegon	Feed and grain	1		1	
Nov. 30	Kinne Mfg. Co.	Muskegon	Interior finish	6		6	



Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
MUSKEGON CO.—Con.							
Oct. 4	Kison Rug Cleaning & Upholstering Co.	Muskegon	Cleaning and upholstering.	3		3	
Oct. 12	Kitchen's Garage.	Muskegon	Auto repairing	4		4	
Dec. 19	Koche, Henry	Muskegon	Baked goods	1		1	
Oct. 1	Koelbel & Bennett.	Muskegon	Tire repairing	5	1	6	
Oct. 1	Koelbel & Bennett Garage.	Muskegon	Garage	5	1	6	
Sept. 11	Kontonies Bros.	Muskegon	Cleaning	4		4	
Sept. 24	Krueger-Neuman Co.	Muskegon	Plumbing	7	1	8	
Aug. 27	Lake Shore Stone Co.	Muskegon	Crushed stone	6		6	
Aug. 25	Lakeside Fuel & Ice Co.	Muskegon	Fuel and ice	1	1	2	
Aug. 2	Lakeside Lumber Co.	Muskegon	Lumber	4	1	5	
Oct. 27	Lakeside Meat Market	Muskegon	Meats	4		4	
Oct. 12	Lakey Foundry & Machine Co.	Muskegon	Castings	378	3	381	11
Sept. 5	Lam, Lou	Muskegon	Laundry	1	1	2	
Oct. 4	Langeland Mfg. Co.	Muskegon	Lumber and boxes	69	1	70	
Dec. 19	Lange Transfer Co.	Muskegon	Transfer service	6		6	
Oct. 29	Langkawel, Otto & Co.	Muskegon	Coal	12		12	
Sept. 24	LeBoeuf, E. J.	Muskegon	Tailoring	1		1	
Oct. 27	Linderman Machine Co.	Muskegon	Machinery	476	9	485	2
Aug. 24	Loescher Tanning Co.	Muskegon	Leather	44	1	45	
Oct. 17	Lyons Machine & Mfg. Co.	Muskegon	Machinery	55	1	56	
Nov. 9	McCullom, George	Muskegon	Plumbing	15	1	16	
Oct. 15	McPherson, Mrs. A. A.	Muskegon	Millinery		1	1	
Sept. 6	Magoon & Kimball Co.	Muskegon	Coal and ice	48	1	49	
Oct. 29	Marsh, Chas. W. Co.	Muskegon	Leather specialties	13	1	14	
Nov. 14	Martin, H. T.	Muskegon	Auto repairing	3		3	
Oct. 15	Marquard, J. C.	Muskegon	Celery crates	10		10	
Sept. 6	Michigan Pike Garage	Muskegon	Auto repairing	4		4	
Nov. 14	Michigan Washing Machines Co.	Muskegon	Washing machines	47	3	50	1
Aug. 27	Mindel, Joe	Muskegon	Hides	1		1	
Aug. 27	Monogram Laundry	Muskegon	Laundry	6	20	26	
Nov. 28	Morse Transfer Co.	Muskegon	Transfer service	16	1	17	
Sept. 24	Muskegon Art Glass Works	Muskegon	Glass	2		2	
Oct. 22	Muskegon Awning & Mfg. Co.	Muskegon	Awnings, etc	2	1	3	
Dec. 8	Muskegon Baking Co.	Muskegon	Baked goods	20	5	25	
Nov. 10	Muskegon Battery Service Station	Muskegon	Storage batteries	2		2	
Aug. 28	Muskegon Boiler Works	Muskegon	Boilers	55	3	58	1
Oct. 29	Muskegon Bottling Works	Muskegon	Soft drinks	12		12	
Oct. 29	Muskegon Brewing Co.	Muskegon	Beer	20		20	
Dec. 7	Muskegon Chronicle, The	Muskegon	Printed matter	32	10	42	3
Oct. 9	Muskegon Cigar Co.	Muskegon	Cigars	5	1	6	
Nov. 14	Muskegon Knitting Mills.	Muskegon	Knit goods	12	48	60	
Aug. 21	Muskegon Laundry Co.	Muskegon	Laundry	5	19	24	1
Oct. 2	Muskegon Lumber & Fuel Co.	Muskegon	Lumber	8	1	9	
Oct. 17	Muskegon Monument & Stone Co.	Muskegon	Monuments	8	1	9	1
Nov. 5	Muskegon Motor Specialties Co.	Muskegon	Motor parts	201	2	203	5
Oct. 22	Muskegon Paper Box Co.	Muskegon	Paper boxes	3	12	15	1
Oct. 18	Muskegon Pickle Co.	Muskegon	Pickles	3		3	
Aug. 21	Muskegon Plating Co.	Muskegon	Plating	5		5	
Aug. 27	Muskegon Print Shop.	Muskegon	Printing	3	1	4	
Oct. 11	Muskegon Rag & Metal Co.	Muskegon	Junk	29	3	32	
Oct. 22	Muskegon Rug Co.	Muskegon	Fluff rugs.	4		4	1
Oct. 24	Muskegon Steam Dye House	Muskegon	Dyeing and cleaning	4	4	8	
Oct. 24	Muskegon Tile & Fireplace Co.	Muskegon	Tile	4		4	
Oct. 17	Muskegon Tool & Stamping Co.	Muskegon	Hardware specialties	22		22	
Nov. 4	Muskegon Transfer Co., The	Muskegon	Transfer service	9		9	
Nov. 2	Muskegon Valley Furniture Co.	Muskegon	Furniture	32	1	33	
Oct. 9	Muskegon Vulcanizing Co.	Muskegon	Vulcanizing	3		3	
Aug. 23	Muskegon Water Works	Muskegon	Water	12		12	
Nov. 3	Nanninga, W.	Muskegon	Blacksmithing	2		2	
Oct. 12	Non-Breakable Toy Co.	Muskegon	Dolls.	19	2	21	5

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>MUSKEGON CO.—Con.</b>							
Sept. 6	Paris Dyeing & Cleaning Co. ....	Muskegon	Dyeing and cleaning	2	1	3	
Oct. 27	Peterson, J. W. ....	Muskegon	Shoe repairing	1		1	
Aug. 29	Peoples Laundry	Muskegon	Laundry	7	24	31	1
Nov. 20	Pere Marquette R. R. Co. ....	Muskegon	Freight	24	6	30	
Oct. 16	Pere Marquette R. R. Co. ....	Muskegon	Car repairing	115		115	
Sept. 24	Postal Telegraph-Cable Co. ....	Muskegon	Telegraph service	2		2	1
Aug. 28	Pressed Steel Co., The	Muskegon	Electric vibrators	6		6	
Sept. 11	Priggooris, John	Muskegon	Cleaning	2		2	
Oct. 22	Reliable Plumbing & Heating Co. ....	Muskegon	Plumbing	3	1	4	
Aug. 27	Reliable Tire Repair Co. ....	Muskegon	Tire repairing	2		2	
Aug. 24	Ross Dry Cleaning Co. ....	Muskegon	Cleaning and pressing	6	7	13	
Dec. 18	Retsema & Bomers	Muskegon	Cigars	7	1	8	
Oct. 25	Rice-Sorin Saddlery Co.	Muskegon	Harness, etc.	41	3	44	
Nov. 7	Rodgers Boiler & Burner Co.	Muskegon	Boilers, etc.	7	1	8	
Dec. 22	Rubinsky, H.	Muskegon	Junk	4	1	5	
Nov. 2	Sanitary Sales Co.	Muskegon	Plumbing	3	1	4	
Oct. 18	Sargent Mfg. Co.	Muskegon	Furniture	35	2	37	
Oct. 15	Schillaci, T. & Co.	Muskegon	Fruits	2	1	3	
Oct. 8	Schoenberg, Chas.	Muskegon	Meats	6	1	7	
Oct. 16	Schoenberg, Chas.	Muskegon	Meats	1		1	
Oct. 1	Schuiteman, J. Electric Co.	Muskegon	Electric supplies	4		4	
Oct. 10	Schultz, E. A.	Muskegon	Wall paper, etc.	2	1	3	
Sept. 6	Shane, I. W.	Muskegon	Shoe repairing	2		2	
Aug. 27	Sharkoff, Wm. S. Co.	Muskegon	Upholstering	1		1	
Nov. 30	Shaw Electric Crane Co., The	Muskegon	Electric cranes	434	23	457	2
Aug. 21	Shaw-Walker Co.	Muskegon	Filing devices	370	71	441	26
Dec. 18	Sheldon, E. H. & Co.	Muskegon	School equipment	118	6	124	14
Sept. 6	Shepherd, J. S.	Muskegon	Ice cream	4	1	5	
Oct. 10	Sima, Frank	Muskegon	Sheet metal	1		1	
Oct. 27	Smith, W. J.	Muskegon	Meats	2		2	
Sept. 14	Soderberg, Sam.	Muskegon	Shoe repairing	1		1	
Nov. 6	Standard Oil Co.	Muskegon	Oils	10		10	
Oct. 4	Star Market, The	Muskegon	Meats	2		2	
Dec. 6	Steele & Heethuis	Muskegon	Livery service	7		7	
Oct. 15	Stegink, John	Muskegon	Flour and feed	3		3	
Sept. 14	Steiner, William	Muskegon	Plumbing	4		4	
Sept. 24	Stekettee, P. P. & Son.	Muskegon	Sign painting	4		4	
Sept. 14	Stevenson, R. H.	Muskegon	Plumbing	1		1	
Oct. 25	Stewart Hartshorn Co.	Muskegon	Shade rollers	294	89	383	45
Oct. 2	Stewart, T. A. & Son.	Muskegon	Sheet metal	2		2	
Oct. 10	Streeter, J. H.	Muskegon	Welding	3		3	
Dec. 19	Sundell Electric Co.	Muskegon	Electric supplies	3		3	
Nov. 2	Superior Seating Co.	Muskegon	Furniture	154		154	12
Nov. 2	Superior Seating Co.	Muskegon	Furniture	109	8	117	3
Oct. 11	Swartz, T. A.	Muskegon	Blacksmithing	2		2	
Nov. 9	Swift & Co.	Muskegon	Meats	6		6	
Nov. 4	Toefel, Frank	Muskegon	Painting	1		1	
Sept. 24	Towner Hardware Co.	Muskegon	Hardware and tinning	4		4	
Oct. 10	Union Bakery	Muskegon	Baked goods	1	1	2	
Oct. 2	Union Cash Market	Muskegon	Meats	1		1	
Aug. 24	United Home Telephone Co., The	Muskegon	Telephone service	43	66	109	
Sept. 14	Vanderlaan, Louis	Muskegon	Cigars	5	1	6	
Nov. 25	Van Loo Moving Co.	Muskegon	Moving and storage	5		5	
Nov. 25	Van Zalingen & Bush Lumber Co.	Muskegon	Lumber	5		5	
Oct. 10	Vos, Miss N.	Muskegon	Millinery		2	2	
Oct. 17	Vulcanized Products Co.	Muskegon	Rubber goods	56	13	69	4
Nov. 19	Walker Candy Co., The	Muskegon	Candy	15	53	68	2
Oct. 10	Walton Street Garage	Muskegon	Auto repairing	1		1	
Aug. 27	Western Auto Co.	Muskegon	Auto repairing	8	1	9	
Oct. 29	West Michigan Steel Foundry Co.	Muskegon	Castings	151	8	159	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
MUSKEGON Co.—Con.							
Dec. 7	White River Power & Light Co.	Muskegon	Power and light.	8		8	
Nov. 28	White Sewing Machine Co.	Muskegon	Sewing machines	3	1	4	
Dec. 21	Wilson, Tom	Muskegon	Tailoring	2		2	
Oct. 11	Witt's Garage	Muskegon	Auto repairing	2	1	3	
Sept. 14	Wolfis Bros.	Muskegon	Flour and feed	4		4	
Sept. 14	Wood, T. S.	Muskegon	Bicycle repairing	1		1	
Oct. 11	Woodard, S. H.	Muskegon	Blacksmithing	2		2	
Dec. 18	Yeager, Frank	Muskegon	Cigars	2		2	
Nov. 30	Alaska Refrigerator Co., The	Muskegon Hts.	Refrigerators	291	4	295	30
Nov. 14	Anderson's Meat Market	Muskegon Hts.	Meats	3		3	
Nov. 28	Brown-Morse Co.	Muskegon Hts.	Filing cabinets	178	18	196	85
Dec. 22	Buckley Hardware Co.	Muskegon Hts.	Hardware	4	1	5	
Nov. 28	Campbell, Wyant & Cannon Foundry Co.	Muskegon Hts.	Castings	783	27	810	6
Nov. 14	Chicago Cash Market	Muskegon Hts.	Meats	2	1	3	
Nov. 8	Edwards Lumber Co.	Muskegon Hts.	Lumber	10	2	12	
Nov. 25	Enterprise Brass Works	Muskegon Hts.	Brass goods	222	17	239	
Nov. 26	Home Bakery	Muskegon Hts.	Baked goods	2		2	
Nov. 6	Lindland, A. R.	Muskegon Hts.	Coal	2	1	3	
Nov. 7	Markle Cement & Coal Co.	Muskegon Hts.	Cement and coal	107	1	108	
Nov. 30	Morton Mfg. Co.	Muskegon Hts.	Machinery	112	2	114	2
Nov. 8	Muskegon Heights Auto Co.	Muskegon Hts.	Auto repairing	2		2	
Dec. 22	Muskegon Heights Gas Co.	Muskegon Hts.	Gas	7		7	
Nov. 25	Muskegon Heights Implement Co.	Muskegon Hts.	Blacksmithing	3	1	4	
Nov. 14	Peterson, Niels & Sons	Muskegon Hts.	Cement and coal	8		8	
Nov. 8	Piston Ring Co., The	Muskegon Hts.	Piston rings	347	18	365	2
Nov. 6	Pyle Pattern & Mfg. Co.	Muskegon Hts.	Patterns	31	1	32	1
Nov. 30	Schneidt, August, Jr.	Muskegon Hts.	Hair mattresses	5	3	8	
Nov. 7	Standard Malleable Iron Co.	Muskegon Hts.	Castings	424	5	429	
Nov. 14	VanZanten, A.	Muskegon Hts.	Hardware and plumbing	3		3	
Nov. 25	Ward Service	Muskegon Hts.	Printing	4	4	8	2
Jan. 8	Hardy, C. E.	Montague	Meats	2		2	
Jan. 8	Montague Iron Works	Montague	Marine engines	11		11	
Jan. 8	Montague Observer	Montague	Printing	1	1	2	
Jan. 8	Montague Roller Mills	Montague	Flour and feed	4		4	
Jan. 7	Nelson, H. C.	Montague	Auto repairing	4		4	
Jan. 8	White Lake Creamery Co.	Montague	Dairy products	1		1	
Nov. 12	Bradford Bros.	Ravenna	Auto repairing	2		2	
Nov. 12	Budlong Pickle Co.	Ravenna	Pickles	2		2	
Nov. 12	Harrison & Son	Ravenna	Meats	1		1	
Nov. 12	Herman, Geo. K.	Ravenna	Harness	1		1	
Nov. 12	Lavender, Mrs. M.	Ravenna	Millinery		1	1	
Nov. 12	Mainone, M. & Son	Ravenna	Meats	2		2	
Nov. 12	Mansfield Lumber Co.	Ravenna	Lumber	2	1	3	
Nov. 12	Moore, A. H.	Ravenna	Blacksmithing	3		3	
Nov. 12	Ravenna Elevator Co.	Ravenna	Grain and feed	2		2	
Nov. 12	Ravenna Incorporated Butter Co.	Ravenna	Dairy products	12	1	13	
Nov. 12	Ravenna Roller Mills	Ravenna	Flour and feed	1		1	
Nov. 12	Ravenna Times	Ravenna	Printing	2	1	3	
Nov. 12	United Home Telephone Co.	Ravenna	Telephone service		2	2	
Dec. 7	Eagle-Ottawa Leather Co.	Whitehall	Tanned goods	232	28	260	15
Dec. 7	Troy Steam Laundry	Whitehall	Laundry	2	4	6	
Dec. 7	VanOort, D. A.	Whitehall	Plumbing	4		4	
Dec. 11	Wadstrom, J. A.	Whitehall	Tailoring	2		2	
Dec. 7	Whitehall Forum, The	Whitehall	Printing	2	1	3	
Dec. 7	White Lake Garage	Whitehall	Auto repairing	6		6	

## DEPARTMENT OF LABOR.

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>NEWAYGO COUNTY.</b>							
June 15	Consumers Power Co.	Croton	Electricity	4		4	
June 20	Barton, J.	Fremont	Harness	2		2	
June 21	Blount, Harry A.	Fremont	Cigars	1	1	2	
June 20	Crescent Mills	Fremont	Flour and feed	3		3	
June 22	Farmers Feed & Elevator Co.	Fremont	Feed and grain	3	1	4	
June 20	Fremont Auto Co.	Fremont	Auto repairing	6		6	
June 20	Fremont Baking Co.	Fremont	Baked goods	2	1	3	
June 21	Fremont Canning Co.	Fremont	Canned goods	80	57	137	
June 21	Fremont Cooperative Produce Co.	Fremont	Produce	5		5	
June 20	Fremont Creamery Co.	Fremont	Dairy products	3	1	4	
June 20	Fremont Fuel & Ice Co.	Fremont	Fuel and ice	3		3	
June 22	Fremont Lumber & Fuel Co.	Fremont	Lumber and fuel	6		6	
June 22	Fremont Times-Indicator	Fremont	Printed matter	4	1	5	
June 20	Graff, L. G.	Fremont	Auto repairing	7		7	
June 20	Hain, G. E. Co.	Fremont	Auto repairing	8		8	
June 20	Hawkey, Miss Lula	Fremont	Millinery		2	2	
June 20	Hartwell, Ross	Fremont	Harness	1		1	
June 21	Heins, H. J. Co.	Fremont	Pickles	2		2	
June 22	Hillyard, J. L. & Co.	Fremont	Produce	2	1	3	
June 21	Lewellyn Bean Co.	Fremont	Produce	3		3	
June 20	Lockwood, A. M.	Fremont	Blacksmithing	1		1	
June 22	Michigan Tanning & Extract Co.	Fremont	Leather	84		84	
June 20	Pikaart, Eibert	Fremont	Sheet metal	1		1	
June 20	Troost, John	Fremont	Custom clothing	2		2	
June 21	Vaughan, E. M.	Fremont	Harness	1		1	
June 20	Waters & Frye	Fremont	Blacksmithing	2		2	
June 20	Woodward Garage	Fremont	Auto repairing	1		1	
June 13	Grant Creamery Co.	Grant	Dairy products	2		2	
June 13	Grant Elevator Co.	Grant	Produce	1		1	
June 13	Grant Garage, The	Grant	Auto repairing	4		4	
June 13	Grant Herald, The	Grant	Printed matter	1	1	2	
June 13	Grant Lumber & Fuel Co.	Grant	Lumber and fuel	2		2	
June 13	Overland Garage, The	Grant	Auto repairing	3	1	4	
June 15	Dysinger, A. D.	Newaygo	Auto repairing	1	1	2	
June 15	Hemily Lumber Co.	Newaygo	Building material	5		5	
June 15	Johnson, H. R.	Newaygo	Custom clothing	2		2	
June 15	Mull Baking Co.	Newaygo	Baked goods	1	2	3	
June 15	Newaygo Engineering Co.	Newaygo	Machinery	23	1	24	
June 15	Newaygo Overland Garage	Newaygo	Auto repairing	3		3	
June 15	Newaygo Register, The	Newaygo	Printed matter	2	1	3	
June 15	Newaygo Republican, The	Newaygo	Printed matter	2	2	4	
June 15	Newaygo Roller Mills	Newaygo	Flour and feed	3	*	3	
June 15	Newaygo Portland Cement Co.	Newaygo	Cement	108		108	
June 15	Rowe, Henry Mfg. Co.	Newaygo	Wood turning	26	1	27	4
June 12	Blue Line Creamery, The	White Cloud	Dairy products	2	1	3	
June 12	Hemily Lumber Co.	White Cloud	Building material	2		2	
June 12	White Cloud Bicycle Co.	White Cloud	Bicycle repairing	1		1	
June 12	White Cloud Canning Co.	White Cloud	Canned goods	2		2	
June 12	White Cloud Eagle, The	White Cloud	Printed matter	2	1	3	
June 12	White Cloud Garage, The	White Cloud	Auto repairing	4	1	5	
June 12	White Cloud Mills	White Cloud	Flour and feed	1		1	
June 12	White Cloud Star, The	White Cloud	Printed matter	2		2	1
June 12	White Cloud Water Works	White Cloud	Light and water	2		2	
<b>OAKLAND COUNTY.</b>							
Sept. 14	Auto-Craft Garage	Birmingham	Auto repairing	4		4	
Sept. 14	Birmingham Construction Co.	Birmingham	Cement products	5		5	
Sept. 15	Birmingham Home Laundry	Birmingham	Laundry	2	4	6	
Sept. 14	Birmingham Milling Co.	Birmingham	Flour	2		2	
Sept. 14	Birmingham Sales Co.	Birmingham	Auto repairing	1		1	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
OAKLAND Co.—Con.							
Sept. 14	Boughner Bros.	Birmingham	Auto repairing.	7	1	8	
Sept. 14	Detroit United Railway	Birmingham	Car repairing.	14		14	
Sept. 14	Douglas, Fred J.	Birmingham	Plumbing.	5	1	6	1
Sept. 14	Ertz & Nixon	Birmingham	Flour, feed, etc.	1		1	
Sept. 15	Erwin & Smith	Birmingham	Meats	4		4	
Sept. 14	Gifford, J. C.	Birmingham	Ice cream and candy	1	3	4	
Sept. 15	Hawthorne Electrical Co.	Birmingham	Electrical supplies.	4		4	
Sept. 14	Lawson-Erb Lumber Co.	Birmingham	Lumber, coal, etc.	8	1	9	
Sept. 14	Leonard Electrical Co.	Birmingham	Electrical supplies.	5		5	
Sept. 14	McClellan & Son	Birmingham	Feed.	4		4	
Sept. 15	Michigan State Telephone Co.	Birmingham	Telephone service.	3	12	15	
Sept. 15	O'Neal, E. A.	Birmingham	Harness	2		2	
Sept. 15	Pingel, W. J.	Birmingham	Ice cream and candy	2	1	3	
Sept. 15	Sanitary Baking Co.	Birmingham	Baked goods	4	1	5	
Sept. 14	Schlaack & Bell	Birmingham	Meats	4		4	
Sept. 14	Weier-Smith Truck Co.	Birmingham	Trucks.	6		6	
Nov. 7	Clarkston Bakery	Clarkston	Baked goods	2		2	
Nov. 7	Ford Sales & Service Station	Clarkston	Auto repairing	4		4	
Nov. 7	Gibson & Stewart	Clarkston	Feed and coal	3		3	
Nov. 7	Skarritt, J. A.	Clarkston	Passenger service	4		4	
Nov. 7	Vliet, F. W.	Clarkston	Meats	2		2	
Nov. 7	Vulcan Co., The	Clarkston	Bronze work	8		8	
Sept. 13	Brown, L. C.	Farmington	Candy, ice cream, etc.	2		2	
Sept. 13	Detroit United Railway	Farmington	Car repairing.	7		7	
Sept. 13	Detroit United Railway	Farmington	Passenger service	13		13	
Sept. 13	Farmington Enterprise, The	Farmington	Printed matter	2		2	
Sept. 13	Farmington Roller Mills	Farmington	Flour, grain, etc.	3		3	
Sept. 13	Ford Sales & Service Station, The	Farmington	Auto repairing	5	1	6	
Sept. 13	Lee, H. W. & Sons	Farmington	Auto repairing.	3		3	
Sept. 13	Michigan State Telephone Co.	Farmington	Telephone service	1	4	5	4
Sept. 13	Schroeder, H. A.	Farmington	Meats	2		2	
Sept. 13	Walters, W. H.	Farmington	Candy, etc.	2		2	
Sept. 13	Warner Dairy Co.	Farmington	Dairy products	23	1	24	7
Nov. 2	Chase, M. F.	Holly	Blacksmithing.	2		2	
Nov. 1	Dixie Garage, The	Holly	Auto repairing.	2		2	
Nov. 1	Grinnell Bros.	Holly	Pianos	104		104	1
Nov. 1	Heins, H. J. Co.	Holly	Pickles.	11		11	
Nov. 2	Holly Advertiser, The	Holly	Printed matter	1	1	2	
Nov. 1	Holly Garage	Holly	Auto repairing.	2		2	
Nov. 2	Holly Herald, The	Holly	Printed matter	1	1	2	
Nov. 2	Holly Village Water Works	Holly	Water	2		2	
Nov. 1	McGonegal, F. E.	Holly	Castings	6		6	
Nov. 2	McLaughlin Bros.	Holly	Grain and feed	1	1	2	
Nov. 1	Michigan Truck & Lumber Co.	Holly	Auto woodwork	95	1	96	
Nov. 2	Millne, R. C.	Holly	Custom clothing.	1		1	
Nov. 1	Ormiston & Son	Holly	Meats	3		3	
Nov. 1	Patterson Mfg. Co.	Holly	Auto bodies	54	4	58	7
Nov. 1	Perry Mfg. Co., The	Holly	Stanchions	4		4	
Nov. 2	Ryan, D.	Holly	Livery service.	1		1	
Nov. 1	Seeley, C. C. & Son	Holly	Wood and coal.	5	1	6	
Nov. 1	Wright, P. A. & Son	Holly	Hardware	3		3	
Oct. 31	Agnew Electric Welder Co.	Milford	Electric welding.	5		5	
Oct. 31	Boyle, D.	Milford	Produce	6		6	
Oct. 31	Buick Garage & Service Station	Milford	Auto repairing.	2		2	
Oct. 31	DeGarmo, E. S.	Milford	Lumber	2		2	
Oct. 31	Detroit Auto Dash Co.	Milford	Auto dashes.	76	3	79	2
Oct. 31	Gittins & Son, Inc.	Milford	Hardware	5		5	
Oct. 31	Grimes, C. A.	Milford	Meats	2		2	
Oct. 31	Hammell's Hardware	Milford	Hardware and sheet metal.	1		1	
Oct. 31	Holdridge, I. C.	Milford	Implements.	2		2	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
OAKLAND Co.—Con.							
Oct. 31	Lockwood, R. B. & Co.	Milford	Auto repairing.	3		3	
Oct. 31	McGill & Johnson	Milford	Meats	1		1	
Oct. 31	Milford Electric Co.	Milford	Light and power	3	1	4	
Oct. 31	Milford Electric Feed Mill	Milford	Feed	2		2	
Oct. 31	Mil "Ford" Garage	Milford	Auto repairing.	8		8	
Oct. 31	Milford Home Telephone Co.	Milford	Telephone service	2	5	7	
Oct. 31	Milford Times, The	Milford	Printed matter	1	1	2	
Oct. 31	Padley, T. H.	Milford	Auto repairing	3	1	4	
Oct. 31	Purdy, Wm. B.	Milford	Baked goods	1	1	2	
Oct. 31	Weaver & Watkins	Milford	Produce	4		4	
Sept. 10	Everett, Chas.	New Hudson	Hay, grain, feed, etc.	2		2	
Sept. 10	New Hudson Garage, The	New Hudson	Auto repairing.	2		2	
Sept. 10	Towar Creamery Co.	New Hudson	Dairy products	1		1	
Sept. 12	Hill, A. L.	Novi	Grain, coal, etc.	2		2	
Sept. 12	Holmes, Chas. E.	Novi	Meats	1	1	2	
Sept. 12	Novi Garage	Novi	Auto repairing.	1		1	
Sept. 11	Warner Dairy Co.	Novi	Milk	1		1	
Oct. 26	Charlton, T. M.	Orion	Meats	2		2	
Oct. 26	Daines, H. E.	Orion	Hardware	2		2	
Oct. 25	Detroit Edison Co., The	Orion	Electricity	1	1	2	
Oct. 26	Electric Shoe Repair Shop	Orion	Shoe repairing.	1		1	
Oct. 26	Ford Garage	Orion	Auto repairing.	4		4	
Oct. 26	Lake Orion Bakery	Orion	Baked goods	2		2	
Oct. 26	Redhed & Graves	Orion	Meats	3		3	
Oct. 26	Shoup, J. W.	Orion	Flour and feed	2		2	
Oct. 26	Speaker & Son	Orion	Auto repairing.	4		4	
Oct. 26	Tunison, Geo. H.	Orion	Lumber and coal	3		3	
Oct. 29	Detroit-Oxford Gravel & Stone Co.	Oxford	Gravel, etc.	5		5	
Oct. 30	Detwiler, A. E.	Oxford	Auto repairing	4		4	
Oct. 30	Enterprise Garage	Oxford	Auto repairing	2		2	
Oct. 30	Fisher, O.	Oxford	Meats	1		1	
Oct. 30	Gatecliff, G. W.	Oxford	Blacksmithing	1		1	
Oct. 30	Green, G. T.	Oxford	Meats	2	1	3	
Oct. 26	Howland, M. S.	Oxford	Feed	2		2	
Oct. 30	Old Homestead Bakery	Oxford	Baked goods	2	1	3	
Oct. 30	Oxford City Water Works	Oxford	Water	5		5	
Oct. 30	Oxford Leader, The	Oxford	Printed matter	1	3	4	
Oct. 30	Proal, J. S.	Oxford	Confectionery	1	2	3	
Oct. 30	Randall, C. L. Co.	Oxford	Beans	14	1	15	
Oct. 30	Tolfree & Acre	Oxford	Plumbing	3		3	
Oct. 30	Tunstead, W. J.	Oxford	Plumbing	5	1	6	
Oct. 29	United Fuel & Supply Co.	Oxford	Sand and gravel	25		25	
Oct. 26	Ward Sand & Gravel Co.	Oxford	Sand and gravel	23		23	
Oct. 19	Abso Clean Laundry	Pontiac	Laundry	4	11	15	
Sept. 25	Bazley Market, The	Pontiac	Meats	4	1	5	
Oct. 5	Beaudette, O. J. Co.	Pontiac	Auto bodies	1,483	4	1,487	20
Sept. 26	Behm, G. W.	Pontiac	Bicycle repairing	1		1	
Oct. 19	Bishop, E. E. Printing Co.	Pontiac	Job printing	3		3	
Oct. 11	Brace Leather Goods Co.	Pontiac	Auto leather work	9		9	
Oct. 17	Brewer & Brewer	Pontiac	Auto repairing	3		3	
Oct. 11	Burlingham, S. H.	Pontiac	Plumbing	16	1	17	
Oct. 9	Burton, A. H.	Pontiac	Dry cleaning	3		3	
Sept. 26	Cadillac Market	Pontiac	Meats	5	2	7	
Sept. 25	Campbell & Hood	Pontiac	Meats	5	1	6	
Oct. 23	Cadillac Garage	Pontiac	Garage	4	1	5	
Oct. 19	Canfield, L. W. Co., The	Pontiac	Coal & builders supplies	3		3	
Oct. 23	Castle Hat Shop	Pontiac	Millinery		4	4	
Oct. 19	Central Shoe Repair Shop	Pontiac	Shoe repairing	3		3	
Oct. 12	Chamberlin, R. A.	Pontiac	Tailoring	2		2	
Sept. 25	Champlin, Egbert	Pontiac	Job printing	1		1	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>OAKLAND Co.—Con.</b>							
Oct. 19	Cleary & Burlingham	Pontiac	Millinery		5	5	
Oct. 23	Clegg, George E.	Pontiac	Shoe repairing	2		2	
Oct. 9	Connell-Oberson	Pontiac	Auto sales and repairing	6	1	7	
Oct. 18	Corwin, A. A. & Sons	Pontiac	Lumber and coal	15	1	16	
Oct. 18	De Puy, C. E. Co.	Pontiac	Grain	5	2	7	
Sept. 28	Detroit Edison Co., The (Bloomfield Plant)	Pontiac	Electric power	5		5	
Oct. 19	Detroit Edison Co., The (Rapid Street Plant)	Pontiac	Electric power	9		9	
Oct. 3	Detroit Weatherproof Body Co.	Pontiac	Weatherproof tops	245	41	286	5
Oct. 18	Donaldson, B. W. & Co.	Pontiac	Lumber	11		11	
Sept. 25	Drumrey Estate	Pontiac	Cigars	3		3	
Sept. 25	Eames & Brown	Pontiac	Plumbing	15		15	
Sept. 25	Family Bakery	Pontiac	Baked goods	4	2	6	
Sept. 25	Famous Shoe Repair Co.	Pontiac	Shoe repairing	2		2	
Oct. 18	Farmer, E. H. & Son	Pontiac	Auto repairing, salesroom	4		4	
Oct. 22	Gaukler & Stewart	Pontiac	Coal, coke and ice	2	2	4	
Oct. 9	Geney, C. D.	Pontiac	Dry cleaning	4	2	6	
Oct. 6	General Motors Truck Co.	Pontiac	Auto trucks	510	23	533	
Oct. 16	Hess-Pontiac Spring & Axle Co.	Pontiac	Auto springs	497	4	501	12
Oct. 10	Holsler, L. D.	Pontiac	Plumbing	6	1	7	
Sept. 25	Holloway Brothers	Pontiac	Meats	7	2	9	
Oct. 23	Howland, Charles	Pontiac	Farm implements	2		2	
Oct. 2	Hubbard, M. D. Spring Co.	Pontiac	Coil springs	26	2	28	
Oct. 11	Huron Garage	Pontiac	Auto repairing	5	2	7	
Oct. 8	Kimmins, Harry	Pontiac	Harness	3		3	
Oct. 10	Inch & Rambau	Pontiac	Monuments	6	1	7	
Oct. 11	Keyser Dairy Co.	Pontiac	Dairy products	18	2	20	
Oct. 9	Kremer Brothers	Pontiac	Baked goods	4	2	6	
Oct. 24	Leeds Woolen Mills	Pontiac	Tailoring	4		4	
Sept. 29	Legg's Market	Pontiac	Meats	4	1	5	1
Oct. 17	Levin, Julius	Pontiac	Tailoring	2	1	3	
Sept. 25	McVean & Reeves	Pontiac	Electrical supplies	7	1	8	
Oct. 19	Marshall Furnace Co.	Pontiac	Furnaces	4		4	
Oct. 23	Mascotte Cigar Co.	Pontiac	Cigars	33	10	43	
Oct. 3	Michigan Drop Forge Co.	Pontiac	Drop forgings	73	1	74	
Oct. 19	Michigan Light Co.	Pontiac	Gas	113	7	120	
Oct. 10	Michigan Printing Co.	Pontiac	Job printing	8	2	10	
Oct. 18	Michigan State Telephone Co.	Pontiac	Telephone service	16	108	124	1
Oct. 8	Miller & Son	Pontiac	Baked goods	1	2	3	
Oct. 8	Miller-Alexander Baking Co.	Pontiac	Baked goods	3		3	
Oct. 11	Millen Baking Co.	Pontiac	Baked goods	8	3	11	
Oct. 18	Millis, Frank L.	Pontiac	Lumber and coal	5		5	
Oct. 9	Milward, F. S.	Pontiac	Auto repairing	23	1	24	1
Oct. 10	Modern Garage	Pontiac	Auto repairing	4		4	
Oct. 17	Monroe Body Co.	Pontiac	Auto bodies	375	2	377	10
Oct. 4	Monroe Motor Car Co.	Pontiac	Motor cars	145	14	159	
Oct. 2	Northway Motor & Mfg. Co.	Pontiac	Motors	265	6	271	
Oct. 9	Nusbaumer, Anna M.	Pontiac	Millinery		2	2	
Oct. 19	Oakland Candy Co.	Pontiac	Candy	5		5	
Oct. 23	Oakland Grocer Co.	Pontiac	Groceries	3	2	5	
Oct. 2	Oakland Motor Car Co.	Pontiac	Motor cars	879	162	1,041	13
Oct. 22	Oakland Shoe Repairing Shop	Pontiac	Shoe repairing	2		2	
Oct. 3	Olympian Motors Co.	Pontiac	Motors	175	17	192	3
Sept. 26	Opera House Motor Sales & Garage Co.	Pontiac	Auto repairing, salesroom	11		11	
Oct. 2	Patterson Lumber Co.	Pontiac	Lumber and coal	7		7	
Sept. 25	Peoples Cash Market	Pontiac	Meats	3		3	
Sept. 28	Poole, F. J.	Pontiac	Lumber, coal and supplies	13		13	
Oct. 17	Precision Castings Co.	Pontiac	Castings	22	1	23	
Oct. 23	Pursler Fruit Co.	Pontiac	Fruits and vegetables	5	1	6	
Oct. 9	Pontiac Auto Garage	Pontiac	Auto repairing	9	1	10	
Oct. 9	Pontiac Battery Shop	Pontiac	Battery & tire repairing	2		2	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
OAKLAND Co.—Con.							
Oct. 23	Pontiac Cartage Co.	Pontiac	Cartage, etc.	8	1	9	
Oct. 8	Pontiac Foundry & Machine Co.	Pontiac	Machine repairing	18	1	19	
Oct. 23	Pontiac Glass Co.	Pontiac	Glazing	4		4	
Oct. 19	Pontiac Lumber Yard	Pontiac	Lumber, coal & hardware.	11	1	12	
Sept. 26	Pontiac Motor Supply Co.	Pontiac	Auto supplies	4		4	
Oct. 24	Pontiac Oakland Co.	Pontiac	Auto sales and service	4	1	5	
Sept. 26	Pontiac Oldsmobile Co.	Pontiac	Auto repairing	4	1	5	
Sept. 29	Pontiac Packing Co.	Pontiac	Meats	2	1	3	
Oct. 18	Pontiac Planing Mill	Pontiac	Lumber	6	1	7	
Oct. 11	Pontiac Press Gazette, The	Pontiac	Printed matter	29	7	36	
Sept. 25	Pontiac Steam Laundry	Pontiac	Laundry	11	37	48	
Oct. 12	Pontiac Tractor Co.	Pontiac	Tractors	14		14	
Oct. 17	Pontiac Varnish Co.	Pontiac	Varnish	2		3	
Oct. 5	Pontiac Water Works	Pontiac	Water supply	77		77	
Sept. 25	Richmond & Welsh Vulcanizing Co.	Pontiac	Vulcanizing	2		2	
Sept. 25	Rogers Quick Service Trucking Co.	Pontiac	Trucking	12		12	
Sept. 26	Sanitary Bakery	Pontiac	Baked goods	3	1	4	
Oct. 10	Service Garage	Pontiac	Auto repairing	5	1	6	
Oct. 18	Slater Construction Co.	Pontiac	Building supplies	228	5	233	
Sept. 26	Spadafore & Bonofiglio	Pontiac	Wholesale fruits, etc.	2	1	3	
Oct. 10	Star Woolen Mills	Pontiac	Tailoring	3		3	
Oct. 23	Sugar Bowl Candy Co.	Pontiac	Confectionery	3	1	4	
Oct. 19	Thornton Brothers Garage	Pontiac	Auto repairing	2		2	
Oct. 17	Tip-Top Garage	Pontiac	Auto repairing	4		4	
Oct. 18	Van Auken-Bower Co.	Pontiac	Auto tops	25	2	27	
Sept. 29	Waters Fuel & Supply Co.	Pontiac	Coal and building supplies	4		4	
Sept. 26	Webb, G. A.	Pontiac	Meats	5	1	6	
Sept. 25	Webb, W. P.	Pontiac	Meats	3		3	
Sept. 26	Whitfield, Frank R.	Pontiac	Meats	1		1	
Oct. 8	Wilson, H. C.	Pontiac	Castings	15		15	
Oct. 3	Wilson Foundry & Machine Co.	Pontiac	Castings	1,202	107	1,309	2
Oct. 8	Wilson Railway Gate Co.	Pontiac	Railway gates	1		1	
Oct. 9	Wood & High	Pontiac	Tailoring	3		3	
Oct. 19	Wright Planing Mill, The	Pontiac	Lumber	11	1	12	
Oct. 24	Barnes Paper Mills, The	Rochester	Paper	13		13	
Oct. 25	Bedell Hat Shop, The	Rochester	Millinery		2	2	
Oct. 25	Burr, George	Rochester	Hardware & implements	3	1	4	
Oct. 25	Case, C. W.	Rochester	Hardware, etc.	5	1	6	
Oct. 25	Central Garage	Rochester	Auto repairing	3		3	
Oct. 25	Central Meat Market	Rochester	Meats	2		2	
Oct. 25	De Baene, C.	Rochester	Meats	3		3	
Oct. 25	Detroit United Railway	Rochester	Electric power	17		17	
Oct. 25	Detroit United Railway	Rochester	Electric power	98		98	
Oct. 25	Detroit United Railway	Rochester	Car repairing	15		15	
Oct. 25	Ford Sales & Service Garage	Rochester	Auto repairing	2		2	
Oct. 24	Jackson & Co.	Rochester	Machine repairing	2		2	
Oct. 25	LeBlond & Tiets	Rochester	Meats	3		3	
Oct. 24	Mets & Buchanan	Rochester	Coal, coke and wood	2	1	3	
Oct. 25	O'Brien, P. J.	Rochester	Lumber and coal	3		3	
Oct. 25	Robinson, C. E.	Rochester	Baked goods	2	1	3	
Oct. 25	Rochester Auto Garage	Rochester	Auto repairing	5		5	
Oct. 25	Rochester Baking Co.	Rochester	Baked goods	2	1	3	
Oct. 25	Rochester Clarion, The	Rochester	Printed matter	3		3	
Oct. 25	Rochester Era, The	Rochester	Job printing	2		2	
Oct. 25	Rochester Steam Laundry	Rochester	Laundry	2	2	4	
Oct. 25	Shoup, F. D.	Rochester	Grain	3		3	
Oct. 25	Tienken, William	Rochester	Plumbing	4		4	
Oct. 25	Upton, C. W.	Rochester	Lumber, coal, etc.	7		7	
Oct. 25	Western Knitting Mills	Rochester	Knit goods	180	205	385	1
Sept. 20	Campbell Tire Hospital	Royal Oak	Tire repairing	2		2	



Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>OAKLAND Co.—Con.</b>							
Sept. 19	Central Cash Market.....	Royal Oak.	Meats.....	2		2	
Sept. 20	Dairy Bakery, The.....	Royal Oak.	Baked goods.....	3	2	5	
Sept. 24	Dumrick & Leach Electric Co.....	Royal Oak.	Electrical supplies.....	2		2	
Sept. 18	Duguett & Fountain.....	Royal Oak.	Auto repairing.....	3		3	
Sept. 19	Eckstein-Lakie Co.....	Royal Oak.	Auto repairing.....	6		6	
Sept. 19	Erb-Kidder Co.....	Royal Oak.	Lumber & building sup.....	14	2	16	
Sept. 19	Genile Mercurio & Co.....	Royal Oak.	Produce.....	3		3	
Sept. 19	Gifford Lumber Co.....	Royal Oak.	Lumber.....	14	2	16	
Sept. 20	Lawson Lumber & Coal Co.....	Royal Oak.	Lumber, coal, etc.....	27	2	29	
Sept. 20	Main Plumbing & Heating Co., The.....	Royal Oak.	Plumbing.....	8	1	9	
Sept. 19	Mellen-Wright Lumber Co.....	Royal Oak.	Lumber, coal, etc.....	23		23	
Sept. 18	Oak Planing Mill Co.....	Royal Oak.	Lumber, etc.....	19	1	20	
Sept. 18	Pratt, George B. & Co.....	Royal Oak.	Cigars.....	3	1	4	
Sept. 20	Ream, C. E.....	Royal Oak.	Plumbing.....	6		6	
Sept. 20	Royal Oak Creamery.....	Royal Oak.	Dairy products.....	8	2	10	
Sept. 20	Royal Oak Garage.....	Royal Oak.	Auto repairing.....	4		4	
Sept. 21	Royal Oak Grain Co.....	Royal Oak.	Grain.....	2		2	
Sept. 21	Royal Oak Home Bakery.....	Royal Oak.	Baked goods.....	2	1	3	
Sept. 18	Royal Oak Ice & Produce Co.....	Royal Oak.	Ice and feed.....	7	1	8	
Sept. 18	Royal Oak Sales Co.....	Royal Oak.	Auto repairing, etc.....	2		2	
Sept. 24	Royal Sheet Metal & Heating Co.....	Royal Oak.	Plumbing, etc.....	27	1	28	1
Sept. 20	Smart, I.....	Royal Oak.	Tailoring.....	3		3	
Sept. 18	Taylor, M. & M.....	Royal Oak.	Electrical supplies.....	6		6	
Sept. 20	Tolles & Unger.....	Royal Oak.	Meats.....	5		5	
Sept. 24	Washington Cash Market.....	Royal Oak.	Meats.....	2		2	
Sept. 10	Bussaino, Joe.....	South Lyon.	Cigars, ice cream, etc.....	2		2	
Sept. 11	Challis, John & Son.....	South Lyon.	Implements.....	2		2	
Sept. 11	Comiskey, J. B. Feed Mill, The.....	South Lyon.	Feed.....	1		1	
Sept. 11	Detroit Creamery Co.....	South Lyon.	Dairy products.....	1		1	
Sept. 11	Detroit Edison Co., The.....	South Lyon.	Electricity.....	1		1	
Sept. 10	Ford Service Garage.....	South Lyon.	Auto repairing, etc.....	2		2	
Sept. 11	Michigan State Telephone Co.....	South Lyon.	Telephone service.....	1	6	7	
Sept. 11	Rupp, Fred.....	South Lyon.	Harness and shoe repair.....	1		1	
Sept. 11	South Lyon Elevator, The.....	South Lyon.	Grain, produce and coal.....	3		3	
Sept. 11	South Lyon Herald, The.....	South Lyon.	Printed matter.....	1	2	3	
Sept. 11	Van Atta, F. J.....	South Lyon.	Meats.....	2		2	
Sept. 11	Carnes, R. & Son.....	Walled Lake.	Lumber.....	2	1	3	
Sept. 11	Nook, Frank S.....	Walled Lake.	Hardware.....	2		2	
Sept. 11	Stevenson, Ira.....	Walled Lake.	Baked goods.....	2		2	
Sept. 11	Wixom Cooperative Association.....	Wixom.	Feed, coal, lumber, etc.....	1		1	
<b>OCEANA COUNTY.</b>							
June 11	Reed & Spuse.....	Ferry.	Electricity.....	2		2	
May 22	Bakker, William.....	Hart.	Harness.....	2		2	
May 22	Beauss Garage.....	Hart.	Auto repairing.....	4	1	5	
May 25	Bennett Lumber & Mfg. Co.....	Hart.	Building material.....	6		6	
May 22	Bergeon, D. A.....	Hart.	Harness.....	1		1	
May 25	Brooks, T. R.....	Hart.	Feed and ice.....	2		2	
May 22	Hutchins, D. Burns.....	Hart.	Produce.....	3	1	4	
May 22	Butler, J. C.....	Hart.	Blacksmithing.....	1		1	
May 23	Carbin, F. L. & Son.....	Hart.	Produce.....	2		2	
May 22	City Bakery.....	Hart.	Baked goods.....	1		1	
May 23	Colby & Spittler Co.....	Hart.	Sheet metal.....	6		6	
May 25	Conger, J. B. & Son.....	Hart.	Produce.....	4	4	8	
May 26	Ferguson, Mrs. C. W.....	Hart.	Millinery.....	2	2	2	
May 22	Gregoire, A.....	Hart.	Blacksmithing.....	2		2	
May 22	Gunn, W. E.....	Hart.	General repairing.....	1		1	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	OCEANA CO.—Con.						
May 22	Hansen, H. E.	Hart	Tailoring	2		2	
May 22	Hanson Printing Co., The	Hart	Printed matter	3	1	4	
May 25	Hart Auto Co.	Hart	Auto repairing	5	1	6	
May 25	Hart Cedar & Lumber Co.	Hart	Lumber	33	1	34	
May 23	Hart Journal, The	Hart	Printed matter	3		3	
May 22	Hart Roller Mills	Hart	Flour and feed	1		1	
May 22	Lewellyn & Wachter	Hart	Produce and feed	4		4	
May 26	Oceana County Cider & Vinegar Co.	Hart	Cider and vinegar	2		2	
May 22	Oceana Steam Laundry, The	Hart	Laundry	1	3	4	
May 25	Powers, E. S. Butter Co.	Hart	Dairy products	6		6	
May 23	Riddell, C. A. & C. B.	Hart	Lumber, etc.	2		2	
May 25	Roach, W. R. & Co.	Hart	Canned goods	62	4	66	
May 23	Shogren, Peter	Hart	Tailoring	2		2	
May 25	Stearns Lighting & Power Co.	Hart	Power and light	4		4	
May 25	Wallace, J. C.	Hart	Produce	4	8	12	
June 11	Bird, George	Hesperia	Auto repairing	2		2	
June 11	Hesperia Flour & Feed Mills	Hesperia	Flour and feed	2		2	
June 11	Howe, L. M.	Hesperia	Lumber	4		4	
June 11	Reed & Spuse	Hesperia	Electricity	4		4	
June 11	Seymour, Manly	Hesperia	Harness	1		1	
June 9	Conger, J. B.	New Era	Produce	3		3	
June 9	Heins, H. J. Co.	New Era	Pickles	1		1	
June 9	New Era Canning Co.	New Era	Canned goods	6		6	
June 9	New Era Creamery Co.	New Era	Dairy products	3		3	
June 9	New Era Garage	New Era	Auto repairing	2		2	
May 21	Butchers Friend Saw Co.	Pentwater	Butchers' saws	3		3	
May 25	City Bakery, The	Pentwater	Baked goods	2	1	3	
May 21	News, The	Pentwater	Printed matter	2	1	3	
May 21	Pentwater Garage	Pentwater	Auto repairing	2		2	
May 21	Pentwater Machinery Co.	Pentwater	Machinery	10		10	
May 21	Sears & Nichols Co., The	Pentwater	Canned goods	42		42	
May 21	Stearns Lighting & Power Co., The	Pentwater	Electricity	1		1	
May 21	Tebbets, Joseph	Pentwater	Harness & auto repairing	2		2	
June 8	Bowerman, Miss J. B.	Shelby	Millinery		1	1	
June 8	Conger & Tallant	Shelby	Flour and feed	3		3	
June 8	Ellis, C. E.	Shelby	Produce	2		2	
June 8	Harrison Basket Co.	Shelby	Fruit packages	45	29	74	
June 7	Kemink, J. R.	Shelby	Tailoring	2		2	
June 7	Kennedy, G. L.	Shelby	Harness	1		1	
June 8	Lewellyn Bean Co.	Shelby	Produce	6	22	28	
June 8	Morse, S. J.	Shelby	Plumbing	1	1	2	
June 8	Munson, Albert	Shelby	Blacksmithing	2		2	
June 8	Oceana Canning Co.	Shelby	Canned goods	15	11	26	1
June 8	Oceana Herald, The	Shelby	Printed matter	4	1	5	
June 8	Roth, D. W.	Shelby	Auto repairing	3		3	
June 8	Sargent, M. J.	Shelby	Plumbing	1		1	
June 8	Shelby Basket Co.	Shelby	Baskets	34	7	41	
June 7	Shelby Flour Mills Co.	Shelby	Flour and feed	3		3	
June 7	Shelby Steam Laundry	Shelby	Laundry	1	2	3	
June 7	Spellman, T. T. & Co.	Shelby	Auto repairing	4		4	
June 7	Weesel, I. L. & Sons	Shelby	Blacksmithing	2		2	
	OGEMAW COUNTY.						
Aug. 9	Leslie, Orville	Prescott	Auto repairing	2	1	3	
Aug. 9	Marsaw, Claude	Prescott	Ice cream	1	1	2	
Aug. 9	Prescott Elevator Co.	Prescott	Grain	2	1	3	
Aug. 9	Prescott Journal	Prescott	Printed matter	1		1	
Aug. 9	Stephens, A. H.	Prescott	Farm implements	1		1	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>OGEWAW Co.—Con.</b>							
Aug. 9	Joslin, L. R.	Rose City	Dairy products	1	1	2	
Aug. 9	Randall, Lottie	Rose City	Millinery		1	1	
Aug. 9	Ogemaw Telephone Co.	Rose City	Telephone service	2	3	5	
Aug. 9	Prior, William A.	Rose City	Hardware	1		1	
Aug. 9	Rice & Prestle	Rose City	Meats	2		2	
Aug. 9	Rose City Elevator Co.	Rose City	Grain	2		2	
Aug. 9	Rose City Review, The	Rose City	Printed matter	1	1	2	
Aug. 9	Tulloch, L. C. & Co.	Rose City	Meats	1		1	
Aug. 15	Diebold, George J.	West Branch	Grain	2	1	3	
Aug. 15	Herald-Times & Ogemaw Republican, The	West Branch	Printed matter	2	1	3	
Aug. 15	Morrison, E. V. & Son	West Branch	Harness and implements	3		3	
Aug. 15	McDonald, Oscar	West Branch	Plumbing	2		2	
Aug. 15	Schultz, H. W.	West Branch	Auto repairing	3		3	
Aug. 15	Smith, Frank S.	West Branch	Harness and implements	2		2	
Aug. 15	Stobie, Mae	West Branch	Millinery		2	2	
Aug. 15	Sykes, F.	West Branch	Shoemaking	1		1	
Aug. 15	Thompson, A. A.	West Branch	Vulcanizing	1		1	
Aug. 15	Thompson & Bartlett	West Branch	Blacksmithing	2		2	
Aug. 15	West Branch Grain Co.	West Branch	Grain	2	1	3	
<b>ONTONAGON COUNTY.</b>							
Nov. 22	Indiana Mining Co.	Lake Mine	Copper	24		24	
Nov. 22	Lake Copper Co.	Lake Mine	Copper	211		211	
Nov. 22	North Lake Mining Co.	Lake Mine	Copper	32		32	
Nov. 22	South Lake Mining Co.	Lake Mine	Copper	116		116	
Nov. 22	Hakola, Gust.	Mass.	Tailoring	2		2	
Nov. 22	Savels, Manuel	Mass.	Blacksmithing	3		3	
Nov. 22	Mass Cooperative Co.	Mass.	Meats	1		1	
Nov. 22	Kyllonen, Matt.	Mass.	Meats	1		1	
Nov. 22	Nara Brothers & Pfefer	Mass.	Meats	1		1	
Nov. 22	Wolf, F. M.	Mass.	Cigars	1	2	3	
Nov. 19	Home Bakery	Ontonagon	Baked goods	1	1	2	
Nov. 19	Cloverland Garage	Ontonagon	Auto repairing	2		2	
Nov. 19	Ducleaux, Ed.	Ontonagon	Shoe repairing	1		1	
Nov. 16	Greenwood Lumber Co.	Ontonagon	Lumber	78	1	79	2
Nov. 17	Hecox-Scott Hardware Co.	Ontonagon	Hardware	4		4	
Nov. 17	Kangas, Jacob	Ontonagon	Shoe repairing	1		1	
Nov. 16	Lakeside Garage	Ontonagon	Auto repairing	5		5	
Nov. 19	Lee, Him Laundry	Ontonagon	Laundry	1		1	
Nov. 17	Marley Cigar Manufactory	Ontonagon	Cigars	2	1	3	
Nov. 16	Ontonagon Electric Light & Water Works	Ontonagon	Light and water supply	5		5	
Nov. 19	Ontonagon Garage	Ontonagon	Auto repairing	3		3	
Nov. 16	Ontonagon Herald, The	Ontonagon	Printed matter	4		4	
Nov. 19	Ontonagon Sanitary Bakery	Ontonagon	Baked goods	3	1	4	
Nov. 16	Palace Meat Market	Ontonagon	Meats	2		2	
Nov. 17	Scharf, Frank	Ontonagon	Tailoring	3	1	4	
Nov. 19	Schramm, Andrew	Ontonagon	Meats	1		1	
Nov. 17	Tousignant, E. J.	Ontonagon	Coal, wood and cement	3		3	
Nov. 19	Wells Fargo & Company Express	Ontonagon	Express	3		3	
Nov. 12	Willman, J. S.	Ontonagon	Tailoring	4		4	
Nov. 17	Woman's Shop, The	Ontonagon	Millinery	1	1	2	
Nov. 20	James & Jones	Rockland	Meats	3		3	
Nov. 21	Michigan Copper Mining Co.	Rockland	Copper	100		100	
Nov. 21	Ontonagon County Telephone Co.	Rockland	Telephone service	2	9	11	
Nov. 20	Wiesen, Joseph	Rockland	Meats	1	1	2	
Nov. 21	Victoria Copper Mining Co.	Victoria	Copper	266	1	267	
Nov. 20	White Pine Copper Co.	White Pine Mine	Copper	258	1	259	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
OSCEOLA COUNTY.							
Nov. 7	American Logging Tool Co.	Ewart.	Logging tools.	46	2	48	
Nov. 7	City Bakery.	Ewart.	Baked goods.	2	1	3	
Nov. 7	Conklin, Allen E.	Ewart.	Grain and hay.	2	7	9	
Nov. 7	Cox, J. L.	Ewart.	Building contracting.	1		1	
Nov. 7	Englund, John.	Ewart.	Clothes repairing.	1		1	
Nov. 7	Ewart Creamery Co.	Ewart.	Dairy products.	7	1	8	
Nov. 7	Ewart Garage.	Ewart.	Auto repairing.	3		3	
Nov. 7	Ewart Harness Shop.	Ewart.	Harness.	1		1	
Nov. 7	Ewart Milling Co.	Ewart.	Grain.	4	10	14	
Nov. 7	Ewart Planing Mill.	Ewart.	Lumber.	2		2	
Nov. 7	Ewart Review, The.	Ewart.	Printed matter.	2		2	
Nov. 7	Ewart Water & Power Station.	Ewart.	Light and water.	3		3	
Nov. 7	Farrar, Ed. B.	Ewart.	Sheet metal.	1		1	
Nov. 7	Glossenger, Charles.	Ewart.	Cigars.	1		1	
Nov. 7	Sherman, M. W.	Ewart.	Blacksmithing.	1		1	
Nov. 7	Shore, Samuel.	Ewart.	Flowers.	4	1	5	
Nov. 7	Shore, William R.	Ewart.	Lumber.	2		2	
Nov. 7	Smith, J. K.	Ewart.	Plumbing.	1		1	
Nov. 7	Warren, Carrie.	Ewart.	Millinery.		1	1	
Nov. 7	Electric Light Plant.	Hersey.	Electricity.	1		1	
Nov. 7	Hersey Creamery.	Hersey.	Dairy products.	1		1	
Nov. 7	Hersey Roller Mills.	Hersey.	Grain.	2		2	
Nov. 7	Hilderly & Kinney.	Hersey.	Blacksmithing.	2		2	
Nov. 7	Osceola News, The.	Hersey.	Printed matter.	1		1	
Nov. 13	Alberts, John.	Marion.	Blacksmithing.	2		2	
Nov. 13	City Meat Market.	Marion.	Meats.	3		3	
Nov. 13	Ex-Cel-O, The.	Marion.	Paint.	3	1	4	
Nov. 13	Marion Bakery.	Marion.	Baked goods.	1	1	2	
Nov. 13	Marion Cooperative Creamery, The.	Marion.	Dairy products.	1		1	
Nov. 13	Marion Garage, The.	Marion.	Auto repairing.	2		2	
Nov. 13	Marion Grain Co., The.	Marion.	Grain.	5	11	16	
Nov. 13	Marion Lumber Co., The.	Marion.	Lumber.	2	1	3	
Nov. 13	Marion Roller Mills.	Marion.	Grain.	1		1	
Nov. 13	Miller Michigan Potato House.	Marion.	Potatoes.	1		1	
Nov. 13	Northern Osceola Press.	Marion.	Printed matter.	2	1	3	
Nov. 13	Osceola Rural Telephone Co.	Marion.	Telephone service.	1	3	4	
Nov. 13	Rexford Brothers.	Marion.	Harness.	3		3	
Nov. 7	Acme Tie Company of Michigan.	Reed City.	Railroad ties.	3		3	
Nov. 8	Auer, A. J.	Reed City.	Tailoring.	1		1	
Nov. 8	Babeock Grain Co.	Reed City.	Grain.	5		5	
Nov. 8	Beedham, Arthur.	Reed City.	Harness.	1		1	
Nov. 8	Bettin Brothers.	Reed City.	Grain.	3		3	
Nov. 7	Citizens Telephone Co.	Reed City.	Telephone service.	2	6	8	
Nov. 8	Curtis Brothers.	Reed City.	Grain.	4	2	6	
Nov. 8	Upp, Ervin.	Reed City.	Meats.	4		4	
Nov. 7	Forest Tile Flooring Co.	Reed City.	Flooring.	3		3	
Nov. 8	Goldammer Brothers.	Reed City.	Meats.	3		3	
Nov. 7	Horner, William.	Reed City.	Flooring.	134	2	136	3
Nov. 8	Johnson, Sam T.	Reed City.	Auto repairing.	5		5	
Nov. 8	Kienitz Monument Works.	Reed City.	Monuments.	2		2	
Nov. 7	Martz, M. C.	Reed City.	Blacksmithing.	2		2	
Nov. 7	Michigan Wood Preserving Co., The.	Reed City.	Railroad ties.	13		13	
Nov. 8	Osceola County Herald.	Reed City.	Printed matter.	5	1	6	
Nov. 8	Osceola Light & Power Co.	Reed City.	Electricity and water.	4	1	5	
Nov. 7	Osceola City Butter Co.	Reed City.	Dairy products.	1		1	
Nov. 7	Reed City Kiln Drying Co.	Reed City.	Kiln drying.	11	1	12	
Nov. 8	Reed City Steam Laundry, The.	Reed City.	Laundry.	1	4	5	
Nov. 7	Reed City Water Works.	Reed City.	Water.	2		2	
Nov. 7	Reed City Woolen Mills.	Reed City.	Woolen goods.	4	5	9	
Nov. 7	Standard Oil Co.	Reed City.	Oils.	1		1	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>OSCEOLA Co.—Con.</b>							
Nov. 7	Stowe, Frank W.	Reed City	Lumber	6		6	
Nov. 8	Stuhlfant, August	Reed City	Shoemaking	2		2	
Nov. 8	Van's Bakery	Reed City	Baked goods	2	2	4	
Nov. 8	Weinrich & Hoffmeyer	Reed City	Plumbing	2		2	
Nov. 7	Welsh & Kerry Co.	Reed City	Hardware and plumbing	38	2	40	
Nov. 8	Wheeler, C. E.	Reed City	Plumbing	1		1	
<b>OSCODA COUNTY.</b>							
Dec. 18	Mio Electric Light & Power Co.	Mio	Light	4		4	
Dec. 18	Hochstetler, W. H.	Mio	Auto repairing	2		2	
Dec. 17	Telegram-News, The	Mio	Printed matter	1	2	3	
<b>OTSEGO COUNTY.</b>							
Nov. 23	Grand Rapids & Indiana Railway Co.	Elmira	Car repairing	6		6	
Nov. 27	Stafford, F. J.	Elmira	Produce	2		2	
Nov. 23	Weaver, William & Son.	Elmira	Lumber and feed	2		2	
Nov. 21	Buck & Stevens	Gaylord	Potatoes	6		6	
Nov. 21	Costello & Co.	Gaylord	Farm products	5		5	
Sept. 19	Dayton Last Block Works	Gaylord	Last blocks	56	1	57	
Nov. 21	Hankey Milling Co.	Gaylord	Flour	2		2	
Sept. 9	Humphrey Brothers	Gaylord	Lumber	2		2	
Sept. 21	Gaylord Light & Water Works	Gaylord	Light and water	5		5	
Sept. 19	Gaylord Lumber & Fuel Co.	Gaylord	Lumber, etc	3		3	
Sept. 20	Gaylord Mfg. Co., The	Gaylord	Machinery	8	1	9	
Sept. 19	Gaylord Roller Mills	Gaylord	Flour	2		2	
Nov. 22	Grant, J. W.	Gaylord	Baked goods	1	1	2	
Nov. 21	Griffith, Nina A.	Gaylord	Millinery		2	2	
Nov. 21	Nevill, M. & A.	Gaylord	Millinery		2	2	
Sept. 20	Noa, Frank	Gaylord	Meats	2		2	
Sept. 19	Northern Auto Co.	Gaylord	Auto repairing	5		5	
Nov. 21	Onaway-Alpena Telephone Co.	Gaylord	Telephone service	1	4	5	
Sept. 19	Otsego County Advance	Gaylord	Printed matter	3		3	
Sept. 19	Otsego County Herald and Times	Gaylord	Job printing	3		3	
Nov. 22	Rolinski, John	Gaylord	Auto repairing	1		1	
Sept. 19	Saginaw Wood Products Co.	Gaylord	Novelty goods	77	27	104	5
Sept. 20	Schreur, Allen	Gaylord	Meats	5		5	1
Sept. 21	Johannesburg Mfg. Co., The	Johannesburg	Lumber	47		47	
Nov. 20	Gooseberry, Dan.	Vanderbilt	Blacksmithing	2		2	
Nov. 17	Onaway-Alpena Telephone Co.	Vanderbilt	Telephone service		2	2	
Nov. 17	Scott, W. H.	Vanderbilt	Meats	2		2	
Nov. 17	Vanderbilt Electric Light & Power Co.	Vanderbilt	Power and light	1		1	
Nov. 17	Vanderbilt Mfg. Co.	Vanderbilt	Chairs	29	5	34	
Nov. 20	Yuill Brothers	Vanderbilt	Lumber	44	1	45	
Nov. 20	Yuill Brothers	Vanderbilt	Forest products	95	1	96	
<b>OTTAWA COUNTY.</b>							
Jan. 16	Blink Brothers	Berlin	Lumber, coal, etc.	2		2	
Jan. 16	Shaw, H.	Berlin	Blacksmithing	2		2	
Jan. 3	Borculo Creamery Co.	Borculo	Dairy products	3		3	
Jan. 31	Conklin Lumber Co.	Conklin	Lumber	3		3	
Jan. 31	Conklin Roller Mills	Conklin	Flour and feed	3		3	
Jan. 31	De Voll, W.	Conklin	Lumber	6		6	
Jan. 31	Farmers Cooperative Creamery Assn.	Conklin	Dairy products	3		3	
Jan. 31	Lacey, Frank	Conklin	Blacksmithing	2		2	
Jan. 15	Bonner, A. E.	Coopersville	Auto repairing	4	1	5	
Jan. 16	Coopersville Condensed Milk Co.	Coopersville	Condensed milk	11	1	12	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>OTTAWA Co.—Con.</b>							
Jan. 15	Coopersville Observer	Coopersville	Printed matter	3		3	
Jan. 16	Coopersville Sun	Coopersville	Printed matter	2	1	3	
Jan. 15	Crystal Creamery	Coopersville	Dairy products	2		2	
Jan. 16	Daggett, E. P. Canning Co.	Coopersville	Canned goods	66	38	104	16
Jan. 15	Deshane, Charles	Coopersville	Blacksmithing	2		2	
Jan. 15	Durham, M.	Coopersville	Flour, feed, coal, etc.	3		3	
Jan. 15	Durham Hardware Co.	Coopersville	Hardware and plumbing	5		5	
Jan. 15	Goodrich, B. O.	Coopersville	Lumber	2		2	
Jan. 15	Hillman Hardware Co.	Coopersville	Hardware & automobiles	4		4	
Jan. 15	Hillman Hardware Co.	Coopersville	Plumbing	3		3	
Jan. 15	Laug Brothers	Coopersville	Grain, feed, brick, etc.	5		5	
Jan. 16	McKinnon, A.	Coopersville	Harness & shoe repairing	2		2	
Jan. 15	Mohrhard, Wm.	Coopersville	Meats	2		2	
Jan. 15	Mooney, John & Son	Coopersville	Flour and feed	2		2	
Jan. 15	Peerless Glove Co.	Coopersville	Gloves	3	11	14	
Jan. 15	Thompson, George W.	Coopersville	Blacksmithing	2		2	
Jan. 15	United Home Telephone Co.	Coopersville	Telephone service	1	3	4	
Jan. 16	Van Alsburg & Bush	Coopersville	Lumber	4		4	
Jan. 15	Westover, John G.	Coopersville	Blacksmithing	2		2	
Nov. 11	Johnston Brothers	Ferrysburg	Boilers	107		107	
Jan. 5	Brouwer, J. H.	Forest Grove	Flour and feed	2		2	
Jan. 15	Jamestown Creamery Co.	Forest Grove	Dairy products	2		2	
Jan. 1	American Knitting Co.	Grand Haven	Knit goods	4	132	136	11
Jan. 11	American Brass Novelty Co.	Grand Haven	Brass goods	33	7	40	
Jan. 10	Bolt, H. V.	Grand Haven	Meats	3		3	1
Jan. 10	Bolt & Casemier	Grand Haven	Meats	2		2	
Jan. 10	Bosman, J. William	Grand Haven	Dry cleaning	3		3	
Jan. 11	Boyd's Garage & Livery	Grand Haven	Auto repairing	3		3	
Jan. 19	Challenge Machinery Co., The	Grand Haven	Machinery	167	8	175	1
Jan. 8	Challenge Refrigerator Co.	Grand Haven	Refrigerators	170	1	171	
Jan. 11	Chicago File & Rasp Co.	Grand Haven	Files	43	1	44	
Jan. 10	Coegrove, A. M.	Grand Haven	Plumbing	5		5	
Jan. 8	Dake Engine Co.	Grand Haven	Engines	133	1	134	
Jan. 10	De Boe, Peter	Grand Haven	Ice cream	2	2	4	
Jan. 8	Dornbos, H. J. & Brother	Grand Haven	Fish	7		7	
Jan. 9	Eagle-Ottawa Leather Co.	Grand Haven	Inner soles	6	7	13	
Jan. 9	Eagle-Ottawa Leather Co.	Grand Haven	Leather	243	2	245	6
Jan. 10	East End Bakery	Grand Haven	Baked goods	3	1	4	
Jan. 10	Electric Shoe Shop	Grand Haven	Shoe repairing	3		3	
Jan. 10	Grand Haven Monument Works	Grand Haven	Monuments	3		3	
Jan. 9	Fountain Specialty Co.	Grand Haven	Soda fountains	61	2	63	
Jan. 10	Franklin Press, The	Grand Haven	Printed matter	3	1	4	
Jan. 8	Grand Haven Baking Co.	Grand Haven	Baked goods	10		10	
Jan. 8	Grand Haven Brass Foundry	Grand Haven	Brass goods	9		9	
Jan. 10	Grand Haven Electric Supply Co.	Grand Haven	Electrical supplies	3	1	4	
Jan. 11	Grand Haven Light & Water Dept.	Grand Haven	Light and water	7		7	
Jan. 10	Grand Haven Gas Co.	Grand Haven	Gas	12	1	13	
Jan. 10	Grunst, William	Grand Haven	Cigars	1		1	
Jan. 10	Grand Trunk Railway System	Grand Haven	Repairing	10		10	
Jan. 9	Hamilton Motors Co.	Grand Haven	Trucks	38	5	43	
Jan. 10	Hartel Brothers	Grand Haven	Sheet iron	5		5	
Jan. 9	Heap, William & Sons	Grand Haven	Wood work	56	2	58	5
Jan. 10	Higman Package Co.	Grand Haven	Fruit packages	62	10	72	
Jan. 9	Keller Pneumatic Tool Co.	Grand Haven	Tools	212	18	230	8
Jan. 9	Kinkema, E. P. & Co.	Grand Haven	Fish	4		4	
Jan. 10	Kinkema, Ed. H.	Grand Haven	Game and fish	2		2	
Jan. 10	Stap, Martin	Grand Haven	Flour, feed and grain	2	1	3	
Jan. 10	Muller, G. J.	Grand Haven	Cigars	2		2	
Jan. 10	Nay's Market	Grand Haven	Meats	3		3	
Jan. 8	Peerless Glove Co.	Grand Haven	Gloves	17	21	38	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>OTTAWA Co.—Con.</b>							
Jan. 8	Peerless Novelty Co.	Grand Haven	Fins and needles	25	12	37	
Jan. 10	Peoples Clothing & Tailoring Co., The.	Grand Haven	Tailoring	2	1	3	
Jan. 10	Ringelberg, Henry	Grand Haven	Meats	2		2	
Jan. 10	Seligman, Edward	Grand Haven	Cigars	5	1	6	
Jan. 11	Smith, Edward C.	Grand Haven	Garage	3		3	
Jan. 8	Smith Baking Co.	Grand Haven	Baked goods	2	1	3	
Jan. 8	Story & Clark Piano Co.	Grand Haven	Pianos	217	26	243	
Jan. 11	Thielman Auto Co.	Grand Haven	Auto repairing	4		4	
Jan. 10	Tribune, The	Grand Haven	Printed matter	7	1	8	
Jan. 8	Van Lopik, G. P. & Co.	Grand Haven	Blouses	5	32	37	
Jan. 10	Van Tol Brothers	Grand Haven	Plumbing	5		5	
Jan. 10	Van Zylén, P.	Grand Haven	Lumber and feed	11		11	
Jan. 10	Ver Berkmoes, C.	Grand Haven	Cigars	4		4	
Jan. 11	Ver Duin, C. & Co.	Grand Haven	Fish	9		9	
Jan. 10	Vyn Brothers	Grand Haven	General delivery	10		10	
Dec. 18	American Humidifier & Ventilating Co.	Holland	Ventilating systems	5	1	6	
Dec. 18	Bay View Furniture Co.	Holland	Furniture	87	1	88	
Dec. 20	Beach Milling Co.	Holland	Flour and feed	5	1	6	
Dec. 28	Bertsch, Charles S. Electric Co.	Holland	Electrical supplies	3	1	4	
Dec. 18	Bishop & Raffensaud	Holland	Bicycle repairing	2		2	
Dec. 28	Board of Public Works	Holland	Light and water	20	4	24	
Dec. 27	Bolhuis Lumber & Mfg. Co.	Holland	Lumber	11	1	12	
Dec. 28	Brieve, F.	Holland	Baked goods	3	1	4	
Dec. 17	Brownwall Engine & Pulley Co., The	Holland	Gasoline and oil engines	26	1	27	
Dec. 28	Bush & Lane Piano Co.	Holland	Pianos	170	13	183	18
Dec. 21	Busz Machine Works	Holland	Machinery	48	1	49	
Dec. 19	Cappon & Bertsch Leather Co.	Holland	Leather	338	1	339	3
Dec. 19	Citizens Telephone Co.	Holland	Telephone service	5	10	15	
Dec. 20	City Garage	Holland	Auto repairing	4		4	
Dec. 21	City Market	Holland	Meats	2		2	
Dec. 17	Cook, G. Co.	Holland	Flour and feed	4		4	
Jan. 15	Crisp Creamery	Holland	Dairy products	1		1	
Dec. 19	De Grondwet Printing House.	Holland	Job printing	8	1	9	
Dec. 27	De Hope Publishing Co.	Holland	Job printing	3		3	1
Dec. 17	De Pree Chemical Co., The	Holland	Chemicals	55	53	108	7
Dec. 17	De Pree Chemical Co., The	Holland	Chemicals	11		11	
Dec. 28	Domestic Bakery	Holland	Baked goods	3		3	1
Dec. 17	Donnelly-Kelly Glass Co.	Holland	Mirrors	17	1	18	
Dec. 28	Dunn, W. E. Mfg. Co.	Holland	Machinery	12	2	14	
Dec. 18	Dykema, Nick	Holland	Tailoring	3	1	4	
Dec. 28	Economy Cash Meat Market.	Holland	Meats	2		2	
Dec. 28	Economy Printing Co.	Holland	Job printing	2	1	3	1
Dec. 18	Globe Carving Works	Holland	Carving	6		6	
Dec. 21	Harrington, Austin	Holland	Coal and wood	13	1	14	
Dec. 19	Hayden Auto Co.	Holland	Auto repairing	4		4	
Dec. 18	Heins, H. J. Co.	Holland	Pickles	60	15	75	1
Dec. 19	Holland Aniline Co.	Holland	Dye	61	1	62	
Dec. 28	Holland Baking Co.	Holland	Baked goods	4		4	
Dec. 17	Holland Canning Co.	Holland	Canned goods	20	47	67	
Dec. 28	Holland Cheese Co.	Holland	Dairy products	5		5	
Dec. 27	Holland Chemical Co.	Holland	Chemicals	2		2	
Dec. 28	Holland City Gas Co.	Holland	Gas and fuel	10	2	12	
Dec. 28	Holland City News	Holland	Printed matter	4	1	5	
Dec. 20	Holland Crystal Creamery	Holland	Dairy products	10	1	11	1
Dec. 21	Holland Dry Cleaners	Holland	Dry cleaning	1	1	2	
Dec. 27	Holland Furnace Co.	Holland	Furnaces	258	19	277	7
Dec. 17	Holland Furniture Co.	Holland	Furniture	154	3	157	3
Dec. 27	Holland Ladder & Mfg. Co.	Holland	Ladders	5		5	
Dec. 27	Holland Lighting & Specialty Co.	Holland	Veterinary supplies	19	1	20	
Dec. 18	Holland Lumber & Supply Co.	Holland	Lumber	9	1	10	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>OTTAWA Co.—Con.</b>							
Dec. 21	Holland Printing Co.	Holland	Job printing	4		4	
Dec. 20	Holland Rug Co.	Holland	Rugs and carpets	2		2	
Dec. 21	Holland Rusk Co.	Holland	Baked goods	13	18	31	
Dec. 27	Holland-St. Louis Sugar Co.	Holland	Sugar	162	5	167	
Dec. 19	Holland Sentinel Publishing Co.	Holland	Printed matter	6	1	7	1
Dec. 18	Holland Shoe Co.	Holland	Shoes	198	155	353	40
Dec. 20	Home Furnace Co.	Holland	Furnaces	32	1	33	
Dec. 28	Huisenga, John Y. & Co.	Holland	Feed and fuel	8		8	
Dec. 19	Huntley Machinery Co.	Holland	Machine repairing	4		4	
Dec. 21	Kanters, J. D.	Holland	Job printing	2		2	
Dec. 17	Keppel's, T. Sons	Holland	Fuel	8		8	
Dec. 28	Klassen Printing Co.	Holland	Job printing	4		4	
Dec. 27	Komforter Kotton Co.	Holland	Cotton goods	2	11	13	
Dec. 28	Kraker, Henry, Plumbing & Heating Co.	Holland	Plumbing	8		8	
Dec. 28	Lampen Brothers	Holland	Blacksmithing	3		3	
Dec. 27	Lanting, L.	Holland	Repairing	2		2	
Dec. 20	Limpert, Charles P. Co.	Holland	Furniture	188	33	221	14
Dec. 24	Michigan State Telephone Co.	Holland	Telephone service	1	4	5	
Dec. 21	Michigan Tea Rusk Co.	Holland	Baked goods	8	5	13	
Dec. 21	Model Laundry	Holland	Laundry	3	6	9	
Dec. 21	Ottawa Furniture Co.	Holland	Furniture	117	3	120	1
Dec. 28	Peoples Garage	Holland	Auto repairing	4		4	
Dec. 18	Poole Brothers	Holland	Job printing	19	29	48	4
Dec. 17	Poole Brothers	Holland	Furniture	5		5	
Dec. 17	Scott-Lugers Lumber Co.	Holland	Lumber	11		11	
Dec. 17	Standard Grocery & Mfg. Co., Inc.	Holland	Provisions	10	3	13	
Dec. 19	Star Auto Co.	Holland	Auto repairing	6		6	
Dec. 20	Steel Clad Auto Bow Co.	Holland	Auto top bows	16		16	
Dec. 18	Superior Cigar Co., The	Holland	Cigars	3		3	
Dec. 20	Superior Foundry Co.	Holland	Castings	57		57	1
Dec. 21	Superior Pure Ice & Machine Co.	Holland	Ice and coal	11	1	12	
Dec. 27	Thompson Mfg. Co.	Holland	Furniture	28	1	29	
Dec. 29	Van Dyk, J.	Holland	Baked goods	3	2	5	
Dec. 21	Van Landegend, Tyler	Holland	Plumbing	3		3	
Dec. 21	Van Tongeren Cigar Co.	Holland	Cigars	2	23	25	
Dec. 27	Van Woorst Brothers	Holland	Cement blocks	6		6	
Dec. 27	Van Eyck-Weurding Milling Co.	Holland	Flour and feed	6	1	7	
Dec. 27	Venhuisen Auto Co.	Holland	Auto repairing	3		3	
Dec. 19	Wagansaar & Hamm	Holland	Ice cream	2		2	
Jan. 10	Weener & Westrate	Holland	Feed, grain and lumber	2		2	
Dec. 21	West Michigan Furniture Co.	Holland	Furniture	158	4	162	16
Dec. 19	West Michigan Steam Laundry	Holland	Laundry	2	16	18	
Dec. 28	Westrate Brothers	Holland	Auto repairing	3		3	
Dec. 17	Yonker Plumbing & Heating Co.	Holland	Plumbing	4	1	5	
Dec. 21	Zwemer, H. P.	Holland	Feed and fuel	3		3	
Jan. 5	Interurban Creamery Co.	Jamestown	Dairy products	2		2	
Jan. 5	Jamestown Cooperative Elevator Co.	Jamestown	Grain and feed	2		2	
Jan. 5	Van Noord, H. & Son	Jamestown	Feed	2		2	
Jan. 5	Jenison, L. & L. Co.	Jenison	Flour and feed	7	1	8	
Jan. 5	Brown, R. S.	Nunica	Grain and feed	2		2	
Jan. 15	Spring Lake Laundry	Spring Lake	Laundry	1	5	6	
Dec. 28	Michigan Railway Co.	Virginia Park	Car repairing	22	2	24	
Jan. 5	De Groot, William	Vriesland	Repairing	1		1	
Jan. 5	Van Haitema, T. W.	Vriesland	Feed	2		2	
Jan. 5	Vriesland Creamery Co.	Vriesland	Dairy products	2		2	
Jan. 4	Beaverdam Creamery Co.	Zeeland	Dairy products	3		3	
Jan. 3	Berghorst, B. J. W.	Zeeland	Plumbing	4		4	
Jan. 3	Central Meat Market	Zeeland	Meats	3		3	
Jan. 4	Colonial Mfg. Co.	Zeeland	Furniture	74	4	78	
Jan. 3	Consumers Power Co.	Zeeland	Electricity	3		3	



Factory Inspection.—Continued.

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<b>OTTAWA Co.—Con.</b>							
Jan. 3	De Hoop, William	Zeeland	Cement blocks	3		3	
Jan. 3	De Pree, Peter D.	Zeeland	Tinning	2		2	
Jan. 4	De Pree, William Co.	Zeeland	Tinning	3		3	
Jan. 3	Enterprise Meat Market.	Zeeland	Meats	2		2	
Jan. 3	Holleman-DeWeerd Auto Co.	Zeeland	Auto repairing.	3		3	
Jan. 3	Karsten, H. H. & Brother	Zeeland	Auto repairing.	3		3	
Jan. 3	Kooyer's Bakery	Zeeland	Baked goods	1	1	2	
Jan. 3	Lookerse, Henry	Zeeland	Plumbing	2		2	
Jan. 4	Michigan Furniture Co.	Zeeland	Furniture	58	5	63	5
Jan. 4	Moeke, G. & Sons.	Zeeland	Lumber	18	1	19	
Jan. 3	Phenix Cheese Co.	Zeeland	Dairy products	26	10	36	1
Jan. 4	Vanderpels, H.	Zeeland	Repairing	2		2	
Jan. 3	Van Eenenaam, H. & Brother	Zeeland	Cigars	21	15	36	
Jan. 3	Ver Hage Milling Co.	Zeeland	Flour and feed	6		6	
Jan. 3	Van Lopik Knitting Co.	Zeeland	Knit goods	1	5	6	
Jan. 3	Wichers Lumber Co.	Zeeland	Lumber	12	1	13	
Jan. 4	Wolverine Furniture Co.	Zeeland	Furniture	71	5	76	4
Jan. 4	Zeeland Brick Co.	Zeeland	Brick	21		21	
Jan. 3	Zeeland City Garage	Zeeland	Auto repairing.	3		3	
Jan. 4	Zeeland Fuel & Lime Co.	Zeeland	Fuel	6	1	7	
Jan. 3	Zeeland Furniture Mfg. Co.	Zeeland	Furniture	73		73	
Jan. 3	Zeeland Knitting Co.	Zeeland	Knit goods	1	3	4	
Jan. 4	Zeeland Milling Co.	Zeeland	Flour and feed	4	1	5	
Jan. 4	Zeeland Ornamental Co.	Zeeland	Casket trimmings	15	9	24	
Jan. 3	Zeeland Record Co., The.	Zeeland	Printed matter	3	3	6	1
Jan. 3	Zeeland Rusk Co.	Zeeland	Baked goods	2		2	
Jan. 3	Zeeland Wood Turning Works	Zeeland	Lumber	2		2	
<b>PRESQUE ISLE COUNTY.</b>							
Oct. 30	Kunzi, Alvah R.	Hawks	Lumber	8		8	
Oct. 30	Sellke, Albert	Hawks	Wooden bowls	8		8	
Oct. 30	Stevens, M. G.	Hawks	Shingles	5		5	
Oct. 31	Robins, C. M.	Millersburg	Lumber	6		6	
Oct. 29	Lewandowski, Walter	Posen	Lumber and shingles.	7		7	
Aug. 21	Robinson-Eymer Lumber Co.	Posen	Lumber	14		14	
Oct. 29	Twining Elevator Co.	Posen	Grain and beans	1		1	
Aug. 21	Wyrembelski, Anthony	Posen	Flour	2		2	
Aug. 22	American Wood Rim Co., The	Onaway	Bicycle rims	614	75	689	48
Nov. 1	Hankey Milling Co.	Onaway	Flour, feed, etc.	3		3	
Aug. 25	Huyck, A. J.	Onaway	Harness	2		2	
Nov. 1	Lefler, Herbert	Onaway	Blacksmithing	2		2	
Aug. 22	Lynn, John	Onaway	Auto repairing.	3		3	
Aug. 23	McNalley, George W.	Onaway	Blacksmithing	1		1	
Nov. 1	Mahoney, D. & D.	Onaway	Lumber	17		17	
Nov. 1	Onaway-Alpena Telephone Co.	Onaway	Telephone service	1	4	5	
Nov. 1	Onaway Electric Light & Power Co.	Onaway	Light and power	4	1	5	
Aug. 23	Onaway Outlook, The	Onaway	Printed matter	2	1	3	
Aug. 23	Onaway Water Works	Onaway	Water	3		3	
Aug. 25	Reeves, C. F.	Onaway	Auto repairing.	2		2	
Nov. 1	Schneider, Charles	Onaway	Baked goods	3	1	4	
Aug. 24	Trudeau, Frank	Onaway	Repairing	1		1	
Aug. 25	Verbeck, Vet.	Onaway	Meats	3		3	
Aug. 24	Waggoner, Lewis E.	Onaway	Meats	3		3	
Aug. 23	Wiltshire & Anderson	Onaway	Blacksmithing	2		2	
Aug. 20	Bertram, A. F.	Rogers City	Lumber	5		5	
Aug. 20	Bruder, Edward A.	Rogers City	Blacksmithing	2		2	
Aug. 21	Chamberlain, Will	Rogers City	Contracting	27		27	3
Aug. 20	Fisch, Fred, Brewery	Rogers City	Beer	4		4	

## Factory Inspection.—Continued.

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<b>PRESQUE ISLE CO.—Con.</b>							
Nov. 2	Friedrich Milling Co.	Rogers City.	Flour and grain.	5		5	
Aug. 21	Michigan Limestone & Chemical Co.	Rogers City.	Limestone.	591		591	2
Nov. 2	Onaway-Alpena Telephone Co.	Rogers City.	Telephone service.	1	3	4	
Aug. 21	Plath, Emil.	Rogers City.	Meats.	3		3	
Nov. 2	Presque Isle County Advance.	Rogers City.	Printed matter.	2	2	4	
Nov. 2	Rogers City Bakery.	Rogers City.	Baked goods.	2		2	
Nov. 2	Rogers City Electric Light & Power Co.	Rogers City.	Power and light.	2		2	
Aug. 20	Schmekel, O. A.	Rogers City.	Auto repairing.	6		6	
<b>ROSCOMMON COUNTY.</b>							
Aug. 14	Michelson Lumber Co.	Michelson.	Lumber.	80		80	
Aug. 14	Au Sable River Creamery Co.	Roscommon.	Dairy products.	2		2	
Aug. 14	Dye, J. H.	Roscommon.	Auto repairing.	2		2	
Aug. 14	Herald Publishing Co., The.	Roscommon.	Printed matter.	2		2	
<b>SAGINAW COUNTY.</b>							
Dec. 18	Arctic Ice Cream Co.	Birch Run.	Ice cream.	2		2	
Dec. 18	Billings, J. C.	Birch Run.	Baked goods.	2	1	3	
Dec. 18	Birch Run Leader.	Birch Run.	Printed matter.	2	1	3	
Dec. 18	Dewey, C. S.	Birch Run.	Farm implements.	2		2	
Dec. 18	Dowd, John V.	Birch Run.	Blacksmithing.	2		2	
Dec. 18	Lawrence, V. G. & Co.	Birch Run.	Tinning.	2	1	3	
Dec. 18	Otheins, J.	Birch Run.	Meats.	2		2	
Dec. 18	Reid Garage.	Birch Run.	Auto repairing.	3		3	
Dec. 18	Schmitzer, Martin.	Birch Run.	Blacksmithing.	2		2	
Dec. 18	Valley Home Telephone Co.	Birch Run.	Telephone service.		2	2	
Dec. 18	Wolohan, Charles.	Birch Run.	Produce.	17	2	19	
Dec. 18	Zehnder, Herman.	Birch Run.	Meats.	2		2	
Sept. 17	Nurminger, John G.	Bloomfield Twp.	Blacksmithing.	2		2	
Dec. 11	Bridgeport Farmers Supply Co., The.	Bridgeport.	Coal, etc.	3	1	4	
Dec. 11	McCrary, D. A.	Bridgeport.	Blacksmithing.	2		2	
Dec. 11	Todish, F. G.	Bridgeport.	Meats.	1	1	2	
Nov. 16	Mershon, Eddy, Parker Co.	Carrollton.	Lumber.	431	35	466	30
Dec. 26	Chesaning Argus, The.	Chesaning.	Printed matter.	2	1	3	
Dec. 26	Chesaning Auto Co.	Chesaning.	Auto repairing.	2		2	
Dec. 26	Chesaning Farmers' Elevator Co.	Chesaning.	Grain and beans.	3	11	14	
Dec. 26	Chesaning Grain Co.	Chesaning.	Produce.	2	11	13	
Dec. 26	Chesaning Hardware Co.	Chesaning.	Auto repairing.	5	1	6	
Dec. 26	Chesaning Hardware Co.	Chesaning.	Hardware and implements.	13	1	14	
Dec. 26	Chesaning Home Bakery.	Chesaning.	Baked goods.	2	1	3	
Dec. 26	Chesaning Home Telephone Co.	Chesaning.	Telephone service.	2	6	8	
Dec. 26	Chesaning Monitor, The.	Chesaning.	Printed matter.	3	3	6	
Dec. 26	Chesaning Milling Co.	Chesaning.	Flour and feed.	2		2	
Dec. 26	Chesaning Municipal Electric Light & Water Plant.	Chesaning.	Light and water.	4	1	5	
Dec. 26	Chesaning Produce Co.	Chesaning.	Produce.	4	1	5	
Dec. 26	Chesaning Sales Co.	Chesaning.	Auto repairing & hardware.	6	1	7	
Dec. 26	Doane, L. W.	Chesaning.	Produce.	2		2	
Dec. 26	East Side Garage, The.	Chesaning.	Auto repairing.	2	1	3	
Dec. 26	Goetsen, Charles F.	Chesaning.	Tailoring.	1	1	2	
Dec. 26	Honola, Joe.	Chesaning.	Tinning.	2		2	
Dec. 26	McKenzie, H. F. & Co.	Chesaning.	Sheet iron, etc.	2		2	
Dec. 26	Miller & Walsler.	Chesaning.	Produce.	3		3	
Dec. 26	Nason, G. M.	Chesaning.	Lumber and fuel.	3		3	
Dec. 26	Pet, G. M. & Son.	Chesaning.	Meats.	12	1	13	
Dec. 26	Perrot & Stuart.	Chesaning.	Machinery.	4		4	
Dec. 26	Reid & Featherly.	Chesaning.	Blacksmithing.	3		3	

Factory Inspection.—Continued.

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SAGINAW Co.—Con.							
Dec. 26	Smith & Peterson	Chesaning	Blacksmithing	2		2	
Dec. 26	Swartzmiller & Stuart	Chesaning	Lumber and coal	4		4	
Dec. 13	Fechter, Ed.	Frankenmuth	Plumbing, etc	2		2	
Dec. 14	Frank, John	Frankenmuth	Sash, doors, etc	3		3	
Dec. 13	Frankenmuth Brewing Co., The	Frankenmuth	Beer	7		7	
Dec. 14	Frankenmuth Light & Power Co.	Frankenmuth	Light and power	3		3	
Dec. 14	Frankenmuth News, The	Frankenmuth	Printed matter	2		2	
Dec. 13	Frankenmuth Woolen Mills	Frankenmuth	Woolen goods	3	20	23	
Dec. 13	Geyer Brothers	Frankenmuth	Beer	5		5	
Dec. 13	Habke, Fred	Frankenmuth	Wagons, etc	4		4	
Dec. 13	Hubinger Brothers	Frankenmuth	Cheese	3		3	
Dec. 13	Hubinger Brothers	Frankenmuth	Flour and feed	7		7	
Dec. 13	Hubinger, John L. & Arthur G.	Frankenmuth	Lumber	4		4	
Dec. 13	Kern, H. R.	Frankenmuth	Tailoring	1		1	
Dec. 13	Mertz, Joseph	Frankenmuth	Shoe repairing	1		1	
Dec. 13	Michigan State Telephone Co.	Frankenmuth	Telephone service	2	3	5	
Dec. 13	Nuechterlein, Adolf	Frankenmuth	Plumbing	4		4	
Dec. 13	Ortner Co., The	Frankenmuth	Meats	4		4	
Dec. 14	Rau, Max	Frankenmuth	Harness	3		3	
Dec. 14	Reichle, Henry C.	Frankenmuth	Blacksmithing	2		2	
Dec. 13	Rummel, George J. & Co.	Frankenmuth	Blacksmithing	2		2	
Dec. 13	Rupprecht, George M.	Frankenmuth	Meats	2	1	3	
Dec. 13	Star of the West Milling Co.	Frankenmuth	Flour	10		10	
Dec. 14	Stromer, W.	Frankenmuth	Photographer	1		1	
Dec. 14	Union Cheese Co.	Frankenmuth	Cheese	3		3	
Dec. 13	Valley Home Telephone Co.	Frankenmuth	Telephone service		3	3	
Dec. 13	Veitengruber Brothers	Frankenmuth	Cheese boxes, etc	9		9	
Dec. 12	Borden, J. B.	Freeland	Harness	1		1	
Dec. 12	Ferris, Bert	Freeland	Tinning	3		3	
Dec. 12	Freeland Star, The	Freeland	Printed matter	3		3	1
Dec. 12	Freeland Elevator Co.	Freeland	Grain	2	21	23	
Dec. 12	Gould, Mrs. E. F.	Freeland	Millinery		2	2	
Dec. 12	Laur, A. B.	Freeland	Produce	2		2	
Dec. 12	Peoples Grain Co., Inc.	Freeland	Grain	7	20	27	
Dec. 12	Richmond, M.	Freeland	Blacksmithing	2		2	
Dec. 12	Snyder, John D.	Freeland	Meats	1	1	2	
Dec. 12	Thompson & Law	Freeland	Meats	2		2	
Dec. 12	Vasold Brothers & Co.	Freeland	Dairy products	1		1	
Dec. 12	Zimmerman, Conrad	Freeland	Blacksmithing	2		2	
Jan. 2	Brand & Hardin Milling Co.	Gera	Grain	2		2	
Dec. 20	Condon, A. L.	Hemlock	Blacksmithing	2		2	
Dec. 20	Hemlock Creamery Co.	Hemlock	Dairy products	3		3	
Dec. 20	Hemlock Elevator	Hemlock	Grain, etc	6	30	36	
Dec. 20	Hemlock Garage, The	Hemlock	Auto repairing	3		3	
Dec. 20	Hemlock News, The	Hemlock	Printed matter	1	1	2	
Dec. 20	Murphy, F. M.	Hemlock	Produce	1	1	2	
Dec. 20	Trahan, Clarence E.	Hemlock	Meats	2		2	
Dec. 20	Wehner, A. G.	Hemlock	Blacksmithing	2		2	
Dec. 19	Boutin, John, Jr.	Merrill	Lumber	8		8	
Dec. 19	Donovan, Emmett R.	Merrill	Cigars	2		2	
Dec. 19	Fox River Butter Co., The	Merrill	Dairy products	1		1	
Dec. 19	Johnson, Horace & Son	Merrill	Wagons, etc	2		2	
Dec. 19	Johnson, Thomas D.	Merrill	Auto repairing	4		4	
Dec. 19	Mayan, C. A.	Merrill	Harness	2	1	3	
Dec. 19	Merrill Elevator Co.	Merrill	Grain and beans	4	23	27	
Dec. 19	Merrill Farmers' Elevator Co.	Merrill	Grain and beans	5	33	38	
Dec. 19	Merrill Garage	Merrill	Auto repairing	4		4	
Dec. 19	Merrill Roller Mills, The	Merrill	Feed	2		2	
Dec. 19	Michigan Creamery Co.	Merrill	Dairy products	1		1	
Dec. 19	Ray, Mrs. George	Merrill	Millinery		1	1	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
SAGINAW Co.—Con.							
Dec. 19	Rowland, Cornelius	Merrill	Blacksmithing	2		2	
Dec. 19	Sheltraw Brothers	Merrill	Light and power	2		2	
Dec. 19	Smith, Henry J.	Merrill	Printed matter	1	1	2	
Dec. 19	Sullivan, T. J.	Merrill	Blacksmithing	2		2	
Dec. 19	Swift & Co.	Merrill	Dairy products	1		1	
Dec. 19	Trahan, Clarence E.	Merrill	Meats	3		3	
Dec. 19	Valley Home Telephone Co.	Merrill	Telephone service		2	2	
Dec. 28	City Meat Market, The	Oakley	Meats	2		2	
Dec. 28	Cronenvehet, W. H.	Oakley	Blacksmithing	2		2	
Dec. 28	Detwiler & Son.	Oakley	Grain and beans	2		2	
Dec. 28	Hall, L. C.	Oakley	Grain, etc.	2		2	
Dec. 28	Hosfield, Herman	Oakley	Farm implements	2	1	3	
Dec. 28	Oakley Butter Co.	Oakley	Dairy products	2		2	
Dec. 28	Oakley Garage	Oakley	Auto repairing	2		2	
Sept. 19	Abele, Thomas	Saginaw	Flowers	4	1	5	
Nov. 7	Adams Express Co.	Saginaw	Express service	21	1	22	
Dec. 7	Adams Express Co.	Saginaw	Express service	3		3	
Oct. 2	Ahern, John	Saginaw	Plumbing	2	1	3	
Sept. 18	Ahlgren, C. L.	Saginaw	Meats	2		2	
Nov. 27	Alderton, George A. & Co.	Saginaw	Provisions	24	2	26	
Sept. 21	Alert Pipes & Supply Co.	Saginaw	Mill supplies	7		8	
Nov. 13	American Cash Register Co.	Saginaw	Cash registers	107	18	125	4
Dec. 1	American Express Co.	Saginaw	Express service	16	1	17	
Nov. 20	American Paper Box Co.	Saginaw	Paper boxes	4	14	18	
Dec. 7	Andrus, Charles A.	Saginaw	Monuments	15	1	16	
Oct. 8	Appel Steam Bakery	Saginaw	Baked goods	12	4	16	2
Jan. 3	Athenian Sweet Shop, The	Saginaw	Candy	4	2	6	
Dec. 7	Aubry, Charles	Saginaw	Dry cleaning	4	9	13	
Nov. 7	Auto-Kamp Equipment Co.	Saginaw	Camp equipment	5	1	6	
Jan. 4	Automatic Faucet & Spigot Co., The	Saginaw	Faucets	8	2	10	
Oct. 19	Bad Axe Grain Co.	Saginaw	Grain and beans	8		8	
Oct. 10	Banner Brewing Co.	Saginaw	Beer	23		23	
Dec. 3	Baker Garage & Supply Co.	Saginaw	Auto repairing	3		3	
Nov. 27	Barth, Rudolph	Saginaw	Tailoring	5	2	7	
Nov. 27	Barton, F. D. Co.	Saginaw	Laundry	22		22	
Dec. 7	Bartow & Enright	Saginaw	Passenger service	22		22	
Nov. 7	Bartlet, A. F. & Co.	Saginaw	Machine shop & foundry	36	2	38	
Dec. 5	Bastian Brothers & Co.	Saginaw	Job printing	8	1	9	1
Sept. 18	Bauer & Herzberg	Saginaw	Plumbing	3	1	4	
Nov. 10	Baxley Market	Saginaw	Meats	3	1	4	
Nov. 9	Beach & Davis	Saginaw	Tailoring	13	3	16	
Dec. 21	Beckbisinger, William F.	Saginaw	Picture frames	1	2	3	
Dec. 21	Berger, F. A.	Saginaw	Sporting goods	2		2	
Oct. 11	Berka, Adolph	Saginaw	Shoe repairing	3		3	
Jan. 2	Berkovitz, Oscar	Saginaw	Tailoring	2	1	3	
Nov. 20	Bernhard Co., The	Saginaw	Silk waists	2	16	18	
Dec. 4	Berst Mfg. Co.	Saginaw	Toothpicks	9	20	29	
Oct. 8	Beuthin, F. & Sons	Saginaw	Meats	4		4	1
Oct. 4	Black & Brenner	Saginaw	Auto repairing	11	2	13	
Sept. 21	Blackney Cigar Co.	Saginaw	Cigars	9	4	13	
Nov. 22	Blackwell, Edwin	Saginaw	Photographer	1		1	
Dec. 6	Bliss System, The	Saginaw	Printed matter	2	4	6	
Nov. 14	Bliss & Van Auker Lumber Co.	Saginaw	Lumber	159		159	2
Dec. 7	Boergert, Fred A.	Saginaw	Tailoring	2		2	
Oct. 27	Wickes Boiler Co., The	Saginaw	Boilers	222	6	228	9
Oct. 18	Bolton Auto Co.	Saginaw	Auto service	6		6	
Nov. 28	Bon Ton Millinery	Saginaw	Millinery		5	5	
Nov. 10	Booth & Boyd Lumber Co.	Saginaw	Lumber	78	2	80	2
Dec. 5	Bootie Messenger Service	Saginaw	Messenger service	4		4	2
Nov. 27	Boston Hat Cleaning Co., The	Saginaw	Hat cleaning	5		5	

Factory Inspection.—Continued.

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SAGINAW Co.—Con.							
Dec. 7	Bouliaw, Archie.	Saginaw	Blacksmithing.	2		2	
Dec. 3	Brady, A. H.	Saginaw	Meats.	1		1	
Nov. 19	Brand & Hardin.	Saginaw	Flour and feed.	17	9	26	
Nov. 27	Brandi, Micheal.	Saginaw	Tailoring.	1	1	2	
Nov. 12	Bransfield-Billings Action & Sup. Co.	Saginaw	Piano parts.	144	106	250	13
Oct. 16	Breiter, John S.	Saginaw	Blacksmithing.	3		3	
Dec. 1	Breesler, Robert & Son.	Saginaw	Coal and wood.	4		4	
Sept. 26	Brimson, J. H.	Saginaw	Millinery.	1	3	4	
Dec. 22	Brix, H. H.	Saginaw	Furs.	2	4	6	
Nov. 8	Brooks Mfg. Co.	Saginaw	Boats and furniture.	39	3	42	4
Nov. 5	Brown Brothers.	Saginaw	Plumbing.	3	1	4	
Sept. 18	Brown, Fred A.	Saginaw	Plumbing.	2		2	
Oct. 13	Buckel, Harry.	Saginaw	Hides.	3		3	
Oct. 3	Buckler, Miss Mina.	Saginaw	Millinery.		6	6	
Nov. 23	Bujouves Co.	Saginaw	Shoe repairing.	3		3	1
Oct. 5	Burdick's Seed House.	Saginaw	Seeds.	5	1	6	
Oct. 16	Burrier, Otto R.	Saginaw	Machinery.	4		4	
Nov. 20	Busch, F. C.	Saginaw	Book binding.	1	1	2	
Nov. 22	Byron, George G.	Saginaw	Blacksmithing.	1		1	
Oct. 4	Mills, Calam.	Saginaw	Flour and feed.	10	1	11	1
Oct. 22	Campbell, A. W.	Saginaw	Repairing.	2		2	
Oct. 3	Cannan, C. H.	Saginaw	Plumbing.	2	1	3	
Oct. 16	Canutson, Maurice.	Saginaw	Repairing.	2		2	
Oct. 22	Carlisle, F. W. & F.	Saginaw	Harness.	138	1	139	2
Dec. 7	Carpenter, Lon.	Saginaw	Cigars.	5	1	6	
Nov. 7	Carten & Levin.	Saginaw	Tailoring.	2	16	18	
Nov. 23	Catterfield, Edward F.	Saginaw	Job printing.	1		1	
Oct. 4	Central Cut Glass Co.	Saginaw	Cut glass.	2		2	
Oct. 17	Central Warehouse Co.	Saginaw	Farm implements.	10	1	11	
Dec. 8	Champion Shoe Repair Shop.	Saginaw	Shoe repairing.	2		2	
Jan. 5	City Bakery.	Saginaw	Baked goods.	1	2	3	
Oct. 10	Clare Knitting Mills.	Saginaw	Knit goods.	2	1	3	
Nov. 28	Clark & Berry.	Saginaw	Millinery.		3	3	
Nov. 5	Clinkofstine, L. & Co.	Saginaw	Junk.	13	1	14	
Nov. 20	Cobb, C. H.	Saginaw	Barrels.	11		11	
Oct. 25	Coleman-Frank Co., The.	Saginaw	Auto service.	8	1	9	
Nov. 13	Columbia Western Mills.	Saginaw	Shade rollers.	157	58	210	2
Oct. 4	Cone Printing Co., The.	Saginaw	Job printing.	2		2	
Nov. 20	Consolidated Coal Co.	Saginaw	Cement, coal and tile.	28		28	
Nov. 2	Consolidated Coal Co.	Saginaw	Coal washing.	16		16	
Nov. 6	Consumers Power Co.	Saginaw	Electricity.	30	1	31	
Nov. 7	Cooney & Smith.	Saginaw	Furniture.	8	1	9	
Nov. 23	Corbett, E. W.	Saginaw	Transfer service.	4	1	5	
Oct. 24	Cornwell Co., The.	Saginaw	Meats.	54	20	74	1
Sept. 25	Cosendai Dye Works.	Saginaw	Dyeing.	16	18	34	1
Nov. 22	Cowles, F. B.	Saginaw	Baked goods.	2	2	4	
Jan. 4	Crystal Water Co.	Saginaw	Water.	2		2	
Oct. 17	Daily, W. A.	Saginaw	Flowers.	3	17	20	
Sept. 18	Dapper, G.	Saginaw	Clothing.	1		1	
Dec. 7	Deibel, C. F. M.	Saginaw	Cigars.	4	1	5	
Dec. 7	Deibel, John, Jr., Estate.	Saginaw	Cigars.	4	1	5	
Sept. 18	Demers' Auto Exchange.	Saginaw	Auto repairing.	4		4	
Oct. 5	Dick's Hide & Fur House.	Saginaw	Leather.	2		2	
Dec. 29	Dietrich, J. S.	Saginaw	Lumber.	1	1	2	
Nov. 26	Dittmar, Cooper & Co.	Saginaw	Wines, etc.	7		7	
Dec. 1	Dittmar & Raths.	Saginaw	Oils.	11		11	
Oct. 8	Dits, J. & Sons.	Saginaw	Cigars.	8	4	12	
Nov. 26	Dolph, Mrs. B. J.	Saginaw	Millinery.		7	7	
Nov. 22	Doyle, M. C.	Saginaw	Dressmaking.		5	5	
Oct. 12	Duffany, H.	Saginaw	Job printing.	2		2	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SAGINAW Co.—Con.						
Oct. 22	Duggan, John J.	Saginaw	Coal and wood	2	1	3	
Sept. 19	Duprey, Louis N.	Saginaw	Auto repairing	1		1	
Oct. 24	Eastman Salt Products Co.	Saginaw	Salt products	38	1	39	
Sept. 25	Eckert, Fred C.	Saginaw	Blacksmithing	3		3	
Oct. 12	Electric Supply Co., The	Saginaw	Electrical supplies	8	4	12	
Sept. 17	Electric Vehicle Service Co.	Saginaw	Auto repairing	7	1	8	
Dec. 8	Enszer, John G.	Saginaw	Meats	3		3	
Nov. 19	Erd Motor Car Co.	Saginaw	Motors	75	1	76	
Oct. 5	Eureka Heating & Ventilating Co.	Saginaw	Heating supplies	5	1	6	
Nov. 23	Fair, S. & Son, Inc.	Saginaw	Castings	41	2	43	
Oct. 16	Farmers Auto & Machine Co.	Saginaw	Auto repairing	4		4	
Dec. 21	Feldmann, J. J.	Saginaw	Umbrellas and gloves	1	2	3	
Nov. 20	Ferguson, John S.	Saginaw	Tinning	3		3	
Nov. 13	Ferrell, A. T. & Co.	Saginaw	Grain cleaners	60	2	62	4
Jan. 3	Ferris Brothers	Saginaw	Tailoring	2	5	7	
Nov. 5	Fernette, E. E. Garage	Saginaw	Auto repairing	2		2	
Dec. 22	Fettig, Charles	Saginaw	Carriages	8		8	
Sept. 17	Fink, A. G.	Saginaw	Meats	4		4	
Nov. 27	Finlay, Thomas H. Co.	Saginaw	Plumbing	3	1	4	
Oct. 2	Fischer, J. George	Saginaw	Motorcycles	2		2	
Oct. 13	Fisk Rubber Co., The	Saginaw	Auto tire repairing	4	2	6	
Jan. 3	Forest Lawn Granite & Marble Works.	Saginaw	Monuments	3	1	4	
Dec. 22	Foss, Miss Ella A.	Saginaw	Dressmaking		7	7	
Oct. 13	Francke, E. D. & Sons.	Saginaw	Ice cream	8	1	9	
Nov. 20	Frank Brothers	Saginaw	Motorcycle repairing	3		3	
Dec. 22	Friedman Printing Co.	Saginaw	Job printing	3		3	1
Dec. 5	Fruechtel, John	Saginaw	Shoe repairing	1		1	
Nov. 27	Frueh, Charles & Sons.	Saginaw	Flowers	3	2	5	
Nov. 6	Furstenberg Brothers	Saginaw	Lumber and coal	25		25	
Sept. 25	Gaffney Granite Co.	Saginaw	Monuments	5		5	
Nov. 20	Ganschow, F. W.	Saginaw	Job printing	2		2	
Oct. 27	Garber-Buick Co.	Saginaw	Automobiles	24	2	26	
Nov. 24	Garber, Madam	Saginaw	Dressmaking		2	2	
Nov. 28	Gardner, L. R.	Saginaw	Auto service	4		4	
Sept. 24	Gartner, George	Saginaw	Plumbing	5	1	6	
Dec. 21	Gately Co., The	Saginaw	Furniture	10	11	21	
Sept. 19	Gehris, Edward F.	Saginaw	Auto repairing	3		3	
Nov. 9	Genesee Coal Co.	Saginaw	Coal	5	1	6	
Oct. 10	Genesee Coal Co.	Saginaw	Coal	22	2	24	
Jan. 2	Gera Creamery	Saginaw	Dairy products	3		3	
Oct. 11	Germain, Estate of Edward	Saginaw	Lumber and salt	157	3	160	8
Nov. 8	Germain Mfg. Co.	Saginaw	Piano parts	137	14	151	1
Sept. 18	Gillam & Moor	Saginaw	Vulcanizing	4		4	
Nov. 14	Gillispie, James J.	Saginaw	Meats	2		2	1
Jan. 3	Grand Union Tea Co.	Saginaw	Tea	2		2	1
Dec. 7	Grand Union Tea Co.	Saginaw	Tea and coffee	5	2	7	
Dec. 7	Gratiot Fuel & Supply Co.	Saginaw	Coal and wood	2	1	3	
Sept. 26	Green Brothers	Saginaw	Fish	6		6	
Jan. 5	Gregory, John	Saginaw	Electrical repairing	6	1	7	
Nov. 27	Grenell, W. H. Estate	Saginaw	Seed	5	37	42	
Oct. 22	Griffin, F. G.	Saginaw	Sheet metal	2		2	
Nov. 17	Grigware, J. L.	Saginaw	Shoe repairing	2		2	
Dec. 5	Grohman	Saginaw	Florist	7	1	8	
Dec. 29	Groll, B.	Saginaw	Shoe repairing	2		2	
Nov. 9	Haffner, A.	Saginaw	Vulcanizing	2		2	
Jan. 3	Haines Electric Co.	Saginaw	Electrical supplies	2	1	3	
Oct. 23	Hammond, W.	Saginaw	Transfer service	4		4	
Oct. 23	Hammond, Standish & Co.	Saginaw	Meats	13	1	14	
Dec. 21	Hammam Turkish Bath	Saginaw	Baths	3	2	5	
Dec. 7	Hankow Tea Co., The	Saginaw	Tea and coffee	1	1	2	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
SAGINAW CO.—Con.							
Nov. 26	Hardrath, The Hatter	Saginaw	Hats	2	1	3	
Sept. 21	Harris Auto Exchange	Saginaw	Auto service	3	2	5	
Dec. 3	Harris Transfer Co.	Saginaw	Transfer service	7	1	8	
Sept. 17	Harry's Garage	Saginaw	Auto repairing	4	1	5	
Nov. 9	Hart Brothers	Saginaw	Canned goods	27	34	61	
Feb. 9	Hart Brothers Co.	Saginaw	Beans	17	47	64	
Nov. 28	Hartigan, Miss B. M.	Saginaw	Millinery		4	4	
Nov. 27	Hartner, Chris	Saginaw	Harness	2		2	
Dec. 5	Haupt & McLaughlin Hat Shop	Saginaw	Millinery		6	6	
Sept. 25	Heginbottom, S. H. & Sons	Saginaw	Auto repairing	7		7	
Oct. 2	Heid Baking Co.	Saginaw	Baked goods	13		13	
Oct. 5	Heinlein, F. H. & Co.	Saginaw	Tents and awnings	2	1	3	
Nov. 7	Heins, H. J. Co.	Saginaw	Canned goods	46	51	97	
Nov. 17	Helfrechet Machine Co.	Saginaw	Machine repairing	14	1	15	1
Nov. 26	Henry Brothers	Saginaw	Transfer service	1	1	2	
Sept. 17	Henning, Charles W. & Sons	Saginaw	Meats	20	5	25	
Jan. 2	Hermann Brothers	Saginaw	Painting and decorating	8	1	9	
Nov. 12	Hersog Art Furniture Co.	Saginaw	Furniture	338	48	386	4
Dec. 3	Heyn, J. C.	Saginaw	Meats	3	1	4	
Nov. 26	Hickey, Catherine	Saginaw	Millinery		9	9	
Oct. 3	Hickey, W. J.	Saginaw	Auto repairing	3		3	
Oct. 8	Hod Cigar Co., The	Saginaw	Cigars	6	2	8	
Nov. 24	Home Bakery	Saginaw	Baked goods	2	1	3	
Sept. 20	Hubbell Auto Sales Co.	Saginaw	Auto service	4		4	
Oct. 13	Hubbell Auto Sales Co.	Saginaw	Auto repairing	20	4	24	
Nov. 22	Huff, J. A.	Saginaw	Tailoring	3	1	4	
Oct. 9	Hurst, L. E.	Saginaw	Blacksmithing	2		2	
Dec. 4	Hutchinson, George	Saginaw	Meats	2		2	
Sept. 18	Ideal Shoe Repair	Saginaw	Shoe repairing	4	1	5	
Nov. 28	Imperial Hair Shop	Saginaw	Hair		4	4	
Jan. 4	International Harvester Co. of America	Saginaw	Farm implements	30	3	33	
Nov. 23	Jackson & Church Co.	Saginaw	Machinery	132	4	136	
Nov. 30	Jackson-Church-Wilcox Co.	Saginaw	Gears	345	12	357	
Nov. 12	Jackson, Thomas & Co.	Saginaw	Doors and sash	41	1	42	
Nov. 24	Jacobs & Christie	Saginaw	Dressmaking		5	5	
Dec. 4	Jacques, Thomas	Saginaw	Blacksmithing	2		2	
Nov. 28	Jerome-Allison	Saginaw	Produce	3		3	
Nov. 27	Johnson, Elizabeth	Saginaw	Corsets		2	2	
Nov. 7	Johnson, John H.	Saginaw	Plumbing	5	1	6	
Jan. 3	Judd, C. A.	Saginaw	Bottling	2		2	
Nov. 6	Juskevich, Simon	Saginaw	Tailoring	2		2	
Oct. 2	Kahn, Ernest W.	Saginaw	Contracting	3	1	4	
Oct. 27	Kaiser & Rachuth	Saginaw	Plumbing	2	1	3	
Oct. 18	Kanaly, James	Saginaw	Job printing	2		2	
Oct. 8	Kaufmann Brothers	Saginaw	Baked goods	6	1	7	
Dec. 7	Kennedy, V. W.	Saginaw	Auto repairing	2		2	
Sept. 18	Kennedy, William H.	Saginaw	Bicycles	2		2	
Oct. 9	Kerry & Way	Saginaw	Lumber	2		2	
Nov. 24	Kerry & Way Lumber & Mfg. Co.	Saginaw	Lumber	20	1	21	
Dec. 7	Kindler, V.	Saginaw	Sporting goods	2	1	3	
Jan. 4	King Tool Co.	Saginaw	Tools	3		3	
Dec. 28	Klopf & Roberts	Saginaw	Sheet metal	9	1	10	
Oct. 16	Knuttel & Brunner	Saginaw	Meats	3		3	
Oct. 13	Koehler Brothers	Saginaw	Machine repairing	21	2	23	
Nov. 14	Koenitzer Tanning Co.	Saginaw	Hides, etc.	12		12	
Jan. 2	Kraenylein, Herman	Saginaw	Blacksmithing	2		2	
Nov. 7	Krainer, B.	Saginaw	Tailoring	1	4	5	
Oct. 8	Krieg, Theodor	Saginaw	Cigars	7	1	8	
Nov. 14	Kundinger, M. W.	Saginaw	Meats	7		7	1
Dec. 29	La Joie, H. & Son	Saginaw	Tailoring	1		1	

## Factory Inspection.—Continued.

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SAGINAW CO.—Con.							
Oct. 6	Lanfer, Martin	Saginaw	Plumbing	2		2	
Nov. 27	Lange, William A. & Son	Saginaw	Tinning	3		3	
Oct. 17	Lapine, H. & Son	Saginaw	Shoe repairing	2		2	
Dec. 29	Lappan's Bakery	Saginaw	Baked goods	3	1	4	
Oct. 25	Lee & Cady	Saginaw	Provisions	30	4	34	
Nov. 6	Lester, James	Saginaw	Meats	5		5	
Dec. 21	Lieberman Trunk Co.	Saginaw	Leather goods	3		3	
Dec. 21	Limberg, Robert A.	Saginaw	Blacksmithing	2		2	
Jan. 3	Logan, R. K.	Saginaw	Painting	13	1	14	
Nov. 12	Loiselle, H.	Saginaw	Shoe repairing	2		2	
Oct. 23	Loose-Wiles Biscuit Co.	Saginaw	Biscuits	6		6	
Dec. 22	Lucas, John F. & Co.	Saginaw	Ice	5		5	
Nov. 8	Lufkin Rule Co., The	Saginaw	Rules, etc.	370	326	696	57
Dec. 8	Maul, John	Saginaw	Tinning	2		2	
Sept. 17	Mayer, Frank	Saginaw	Meats	5	1	6	
Nov. 9	McClure Co., The	Saginaw	Silos	58	21	79	
Oct. 3	McCron, W. J.	Saginaw	Job printing	11	3	14	1
Dec. 5	McIntyre Printing Co.	Saginaw	Job printing	1		1	
Nov. 28	McKensie, J. H.	Saginaw	Plumbing	2	1	3	
Oct. 18	McNally Vulcanizing Co.	Saginaw	Vulcanizing	2	1	3	
Dec. 5	Meloche, F. J.	Saginaw	Plumbing	2		2	
Nov. 22	Mader, Marie A.	Saginaw	Dressmaking		15	15	
Nov. 20	Magnetic Spring Water	Saginaw	Water	8		8	1
Dec. 21	Mangold, M. & Son	Saginaw	Upholstering	2		2	
Sept. 27	Marks, Joseph	Saginaw	Cigars	7	3	10	
Nov. 28	Marsh, Mary Francis	Saginaw	Dressmaking		9	9	
Sept. 18	Martin, Bruno	Saginaw	Sheet metal	6		6	
Sept. 26	Martin's Home Bakery	Saginaw	Baked goods	1	3	4	
Dec. 29	Massachusetts Bonding & Ins. Co.	Saginaw	Printing	32	104	136	4
Dec. 21	Maxson, E. C. & Son	Saginaw	Printing	9	1	10	
Nov. 21	Meldrum, J. D.	Saginaw	Blacksmithing	2		2	
Oct. 4	Merrill & Kren	Saginaw	Plumbing	3	1	4	
Nov. 15	Mershon & Morley	Saginaw	Houses	22	1	23	1
Nov. 15	Mershon, William B. & Co.	Saginaw	Band reasaws	50	2	52	3
Dec. 21	Mertz, F. H. Co.	Saginaw	Cigars	13	6	19	
Dec. 21	Myers, Charles L.	Saginaw	Bicycle repairing	2		2	
Oct. 23	Michigan Creamery Co.	Saginaw	Dairy products	6	1	7	
Dec. 8	Michigan Employment Institution for the Blind	Saginaw	Brooms, rugs, etc.	51	34	85	
Nov. 12	Michigan Glass Co.	Saginaw	Glass	11		11	
Dec. 5	Michigan Railway Co.	Saginaw	Passenger service	112	2	114	
Oct. 12	Michigan Saw Co.	Saginaw	Saws	6		6	
Nov. 10	Michigan State Telephone Co.	Saginaw	Telephone service	36	129	165	
Oct. 24	Michigan Sugar Co.	Saginaw	Sugar	323	1	324	
Dec. 22	Michigan Warming & Ventilating Co.	Saginaw	Heating	5	1	6	
Dec. 4	Miller, Edward C.	Saginaw	Plumbing	2		2	
Nov. 23	Milne Brothers	Saginaw	Dray service	4	1	5	
Nov. 7	Milton Clothes Co.	Saginaw	Raincoats	2		2	
Nov. 5	Mitts & Merrill	Saginaw	Machinery	206	4	210	2
Oct. 11	Modart Corset Co.	Saginaw	Corsets	25	139	164	1
Oct. 2	Modern Shoe Repair Works, The	Saginaw	Shoe repairing	4	1	5	
Oct. 9	Mohr, John F. & Co.	Saginaw	Stone	3		3	
Dec. 5	Morley Brothers	Saginaw	Harness	41	2	43	2
Nov. 27	Morlik & Brovick	Saginaw	Stove repairing	2		2	
Dec. 6	Model Bakeries	Saginaw	Baked goods	4	3	7	
Sept. 24	Mountjoy, A. R.	Saginaw	Tailoring	2	5	7	
Dec. 8	Mueller, Emil J.	Saginaw	Blacksmithing	3		3	
Dec. 6	M. & B. Ice Cream Co.	Saginaw	Ice cream and cones	9	1	10	
Oct. 18	National Biscuit Co.	Saginaw	Baked goods	7		7	
Oct. 11	National Brewing Co.	Saginaw	Beer	29		29	
Nov. 16	National Engineering Co.	Saginaw	Crank shafts	178	1	179	



Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
SAGINAW Co.—Con.							
Nov. 30	National Grocer Co.	Saginaw	Provisions	33	4	37	
Nov. 6	Nelson Brothers Co.	Saginaw	Gasoline engines	249	7	256	6
Nov. 16	Nelson, Curbey	Saginaw	Welding and repairing	1		1	
Oct. 8	Neumann, Carl	Saginaw	Cigars	3		3	
Nov. 20	Nickodemus Oil Co.	Saginaw	Oils	2		2	
Nov. 26	Nielski & King	Saginaw	Meats	4		4	
Oct. 2	Nissen, Paul	Saginaw	Auto service	6	1	7	
Oct. 12	Nitro Products	Saginaw	Artificial silk	9	1	10	
Oct. 24	Norris, Mrs. H. D.	Saginaw	Millinery		8	8	
Sept. 19	Oakland Vinegar & Pickle Co.	Saginaw	Vinegar and pickles	5	2	7	
Dec. 22	Oeder, John & Sons	Saginaw	Baked goods	2	1	3	
Sept. 20	O'Hara, James, Jr.	Saginaw	Tailoring	4	3	7	
Oct. 17	Ohio Reliable Junk Co.	Saginaw	Scrap iron	7	2	9	
Nov. 26	Olympia Confectionery Co.	Saginaw	Confectionery	3	3	6	
Nov. 26	Oppermann, Carl F.	Saginaw	Furs	1	3	4	
Sept. 26	Oppermann Fur Co.	Saginaw	Furs	4	7	11	
Nov. 19	Oserowski, Jacob	Saginaw	Shoe repairing	2		2	
Dec. 6	O. & M. Vulcanizing Co.	Saginaw	Vulcanizing	2		2	
Jan. 2	Packer, D. T.	Saginaw	Auto service	5		5	
Jan. 2	Packer, D. T.	Saginaw	Harness	2		2	
Sept. 24	Parker Dairy Co.	Saginaw	Dairy products	12	2	14	
Nov. 27	Passolt, Henry Co.	Saginaw	Soap	4	1	5	
Nov. 22	Peerless Laundry	Saginaw	Laundry	6	23	29	
Dec. 6	Pendell, W. H.	Saginaw	Crackers	4		4	
Oct. 15	Pere Marquette Railway Co.	Saginaw	Car repairing	953	5	958	1
Nov. 28	Perrin, Bessie M.	Saginaw	Stamping		2	2	
Dec. 7	Pesenecker, Miss M.	Saginaw	Millinery		4	4	
Nov. 19	Peterson, W. S. Clothes Cleaning Co.	Saginaw	Cleaning	1	1	2	
Jan. 3	Phillipe's Millinery	Saginaw	Millinery		3	3	
Jan. 3	Phoenix, George	Saginaw	Electrical supplies	2		2	
Nov. 7	Polson, William & Co.	Saginaw	Sash and doors	50	1	51	
Jan. 3	Popp & Wolf	Saginaw	Harness	2		2	
Dec. 8	Poppeck, M.	Saginaw	Shoe repairing	2		2	
Nov. 22	Postal Telegraph Co.	Saginaw	Telegraph service	5		5	
Dec. 6	Potter, L. A. Stamp Co.	Saginaw	Stamps	4	1	5	1
Oct. 2	Provost, Frank J.	Saginaw	Bicycle repairing	2		2	
Oct. 16	Quality Bakery	Saginaw	Baked goods	3	1	4	
Sept. 25	Rabe, J. B.	Saginaw	Electrical supplies	4	1	5	
Oct. 23	Reliance Mercantile Co.	Saginaw	Flour and grain	6		6	
Nov. 10	Reade, T. A.	Saginaw	Tailoring	10	6	16	1
Dec. 8	Reof, Louise J. Miss	Saginaw	Millinery		3	3	
Dec. 4	Reiman & Pohlman	Saginaw	Meats	3	1	4	
Nov. 20	Remer Brothers	Saginaw	Lime and coal	10	2	12	
Oct. 24	Remer Brothers	Saginaw	Fuel & builders' supplies	24	3	27	
Nov. 19	Richter, W. C. & Son	Saginaw	Plumbing	4	1	5	1
Sept. 17	Schirck, H. W.	Saginaw	Auto tops	2		2	
Oct. 27	Rick, C. J.	Saginaw	Auto repairing	3		3	
Nov. 17	Ripslinger Brothers	Saginaw	Coal and wood	22	1	23	
Dec. 1	Ripslinger, Frank	Saginaw	Transfer service	3	1	4	
Dec. 8	Rittenberry, J. W.	Saginaw	Painting and repairing	2		2	
Oct. 22	Robel, G. A.	Saginaw	Tailoring	1		1	
Dec. 3	Robertson, E. A. Co.	Saginaw	Waists	19	134	153	
Sept. 20	Robertson's Laundry	Saginaw	Laundry	12	65	77	
Dec. 4	Roeser, C. L. Co., The	Saginaw	Auto service	8	1	9	
Dec. 3	Roethke, William Floral Co.	Saginaw	Flowers	16	3	19	
Dec. 7	Safety Storage & Cartage Co.	Saginaw	Transfer service	3		3	
Oct. 9	Saginaw Auto Body Co.	Saginaw	Auto bodies	98	6	104	
Dec. 5	Saginaw-Bay City Railway Co.	Saginaw	Street car service	310		310	
Nov. 15	Saginaw Brewing Co.	Saginaw	Beer	11		11	
Nov. 13	Saginaw Chemical Co.	Saginaw	Chemicals	42		42	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
SAGINAW Co.—Con.							
Sept. 24	Saginaw Cigar Co.	Saginaw	Cigars	11	4	15	
Nov. 6	Saginaw City Gas Co.	Saginaw	Gas	48	1	49	
Oct. 13	Saginaw Cooperative Auto Enameling Co.	Saginaw	Enameling	3	2	5	
Nov. 27	Saginaw Courier-Herald, The	Saginaw	Printed matter	40	3	43	6
Sept. 21	Saginaw Creamery Co.	Saginaw	Dairy products	5	2	7	
Nov. 9	Saginaw Daily News, The	Saginaw	Printed matter	85	10	95	1
Nov. 6	Saginaw Enameling Co.	Saginaw	Enameling	4		4	
Dec. 1	Saginaw Fuel & Supply Co.	Saginaw	Coal and wood	5		5	
Nov. 20	Saginaw Ice & Coal Co.	Saginaw	Ice and coal	21		21	
Jan. 5	Saginaw Journal	Saginaw	Printed matter	3		3	
Nov. 9	Saginaw Ladder Co.	Saginaw	Ladders	28	1	29	
Oct. 12	Saginaw Lighting Co.	Saginaw	Electrical supplies	12		12	
Nov. 16	Saginaw Mfg. Co.	Saginaw	Pulleys, etc.	226	57	283	42
Nov. 17	Saginaw Mattress Co.	Saginaw	Mattresses	2		2	
Oct. 11	Saginaw Medicine Co.	Saginaw	Medicine	3	2	5	
Nov. 14	Saginaw Milling Co.	Saginaw	Flour, feed and grain	44	42	86	
Nov. 19	Saginaw Mirror Works	Saginaw	Plate glass and mirrors	23	2	25	1
Dec. 7	Saginaw Motor Car Co.	Saginaw	Auto repairing	20	1	21	
Jan. 5	Saginaw Overland Sales Co., The	Saginaw	Auto repairing	16	2	18	
Dec. 22	Saginaw Paper Co.	Saginaw	Paper	5	2	7	
Nov. 7	Saginaw Paving Brick Co.	Saginaw	Brick	3		3	
Nov. 13	Saginaw Plate Glass Co.	Saginaw	Plate glass and salt	435	4	439	
Nov. 23	Saginaw Press, The	Saginaw	Printed matter	9	2	11	1
Dec. 27	Saginaw Pure Ice Co.	Saginaw	Ice	4		4	
Nov. 9	Saginaw Sectional Book Case Co., The	Saginaw	Bookcases	9	1	10	1
Oct. 9	Saginaw Sheet Metal Works	Saginaw	Sheet metal	74	3	77	
Nov. 17	Saginaw Show Case Co.	Saginaw	Show cases	28	1	29	
Nov. 26	Saginaw Steam Heating Plant	Saginaw	Steam heating	8		8	
Nov. 14	Saginaw Table & Cabinet Co.	Saginaw	Furniture	79	2	81	3
Dec. 3	Saginaw Warehouse Co.	Saginaw	Storage	3		3	
Nov. 21	Saginaw Water Works	Saginaw	Water	7		7	
Nov. 27	Saginaw Woodenware Co.	Saginaw	Woodenware	6	1	7	
Nov. 22	Saginaw Woolen Co.	Saginaw	Tailoring	1	1	2	
Nov. 16	Saginaw Valley Farmers' Cooperative Association	Saginaw	Dairy products	11	4	15	
Nov. 24	Schemm, J. G. Co., The	Saginaw	Beer	25		25	
Sept. 17	Schirek, H. W.	Saginaw	Auto tops	2		2	
Sept. 26	Schlafke, John	Saginaw	Shoe repairing	2		2	
Sept. 26	Schoeb Dry Cleaning & Dye Works	Saginaw	Cleaning and dyeing	1	2	3	
Nov. 5	Schomacker, Frederick	Saginaw	Blacksmithing	2		2	
Sept. 26	Schrems, George	Saginaw	Plumbing	2	1	3	
Oct. 19	Schust Co., The	Saginaw	Biscuit and candy	43	52	95	3
Dec. 4	Schwinc Brothers	Saginaw	Meats	1		1	
Nov. 16	Schwinc Brothers	Saginaw	Meats	7	1	8	
Oct. 18	Scollen, George E.	Saginaw	Wagon repairing	2		2	
Jan. 5	Scott, E. E.	Saginaw	Plumbing	2	1	3	
Oct. 3	Seeman & Peters	Saginaw	Job printing	49	12	61	
Oct. 2	Tire Service Co.	Saginaw	Vulcanizing	4	1	5	
Nov. 16	Shea, James E.	Saginaw	Blacksmithing	2		2	
Nov. 5	Simpson, William	Saginaw	Coal and wood	8		8	
Jan. 5	Singer Sewing Machine Co.	Saginaw	Sewing machines	6	2	8	
Dec. 29	Skimin, G. S.	Saginaw	Cigars	4		4	
Oct. 24	Smidt, John	Saginaw	Weaving	1	1	2	
Nov. 24	Smith, C. M.	Saginaw	Coal	6		6	1
Dec. 8	Smith Hardware Co.	Saginaw	Tinning	1		1	
Oct. 27	Smith & Stoelker Publishing Co.	Saginaw	Job printing	9	3	12	
Nov. 8	Sommers Brothers Match Co.	Saginaw	Matches	76	137	213	11
Oct. 22	Sonnenberg, Henry J.	Saginaw	Blacksmithing	2		2	
Oct. 4	Sparling, Thomas	Saginaw	Blacksmithing	2		2	
Nov. 27	Spotless Market	Saginaw	Meats	5		5	1
Sept. 18	Stafford, John	Saginaw	Soft drinks	7	1	8	

Factory Inspection.—Continued.

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<b>SAGINAW Co.—Con.</b>							
Sept. 17	Standard Oil Co.	Saginaw	Oils	16		16	
Nov. 9	Stee's Print Shop	Saginaw	Job printing	3		3	
Nov. 5	Steininger, E. J.	Saginaw	Baked goods	2	1	3	
Jan. 4	Stevens Electric Co.	Saginaw	Electrical supplies	2	1	3	
Jan. 3	Stevens Brothers Cartage & Storage Co.	Saginaw	Cartage	6		6	
Oct. 16	Stingel's Cash Meat Market	Saginaw	Meats	6		6	
Nov. 30	Stork Motor Co.	Saginaw	Gasoline engines	14	1	15	3
Oct. 10	Strable Lumber & Salt Co.	Saginaw	Lumber and salt	109	5	114	1
Nov. 27	Strieter, R. C.	Saginaw	Millinery		4	4	
Oct. 13	Sullivan Supply Co.	Saginaw	Mill supplies	11	5	16	
Nov. 16	Sugar Beet Products Co.	Saginaw	Compounds	8	1	9	
Dec. 3	Swift, R. & Co.	Saginaw	Upholstering	3		3	
Oct. 25	Symons Brothers & Co.	Saginaw	Wholesale groceries	72	16	88	
Sept. 17	Symons, E. F.	Saginaw	Blacksmithing	2		2	
Oct. 9	Tatham, Vixtor J.	Saginaw	Meats	5	1	6	
Oct. 12	Taub, H. L.	Saginaw	Plumbing	2	1	3	
Sept. 26	Tanske, M.	Saginaw	Tailoring	1		1	
Nov. 9	Thomas, E. A. & Co.	Saginaw	Heading	11		11	
Nov. 28	Tray	Saginaw	Photographer	2	1	3	
Jan. 3	Tredo, William P.	Saginaw	Shirts	2		2	
Sept. 24	Trombley Electric Co., The	Saginaw	Electrical supplies	14	1	15	
Oct. 3	Trombley & Behnder Auto Co.	Saginaw	Auto service	7	1	8	
Oct. 12	United States Graphite Co., The	Saginaw	Graphite	107	27	134	
Jan. 5	Valley Boat Co.	Saginaw	Boats	7	1	8	
Nov. 26	Valley Carpet Works	Saginaw	Carpet cleaning	6		6	
Oct. 6	Valley City Coffee & Spice Mills	Saginaw	Coffee and spices	6	20	26	
Nov. 23	Valley Cornice & Slate Co.	Saginaw	Sheet metal and roofing	12	1	13	
Nov. 5	Valley Grey Iron Foundry Co.	Saginaw	Castings	36		36	
Nov. 27	Valley Home Telephone Co.	Saginaw	Telephone service	48	83	131	
Oct. 3	Valley Printing Co.	Saginaw	Job printing	10	1	11	
Nov. 5	Valley Stove & Range Co.	Saginaw	Stoves	2		2	
Nov. 19	Valley Sweets Co.	Saginaw	Candy	4	3	7	
Nov. 26	Valley Tire Repair Co.	Saginaw	Auto tire repairing	3	1	4	
Dec. 5	Colonial Hat Cleaning Hospital	Saginaw	Hat cleaning	2		2	
Nov. 22	Vasold, Therese L.	Saginaw	Dressmaking		13	13	
Nov. 7	Voght, J. C. Sales Co., The	Saginaw	Registers	6	1	7	
Sept. 18	Wah, Sam	Saginaw	Laundry	2		2	
Oct. 17	Walcott Grain Co., The	Saginaw	Grain	6		6	1
Nov. 23	Walker & Co.	Saginaw	Advertising	2		2	
Jan. 3	Washington Avenue Garage	Saginaw	Auto repairing	3		3	
Sept. 18	Wasserman, C.	Saginaw	Tailoring	1		1	
Oct. 6	Watson, John A. Co.	Saginaw	Furs	1	6	7	
Nov. 24	Watson, John A.	Saginaw	Furs	2	6	8	
Nov. 28	Weinecke & Lavelle	Saginaw	Millinery	7	7	14	
Sept. 18	Weiss, Eugene	Saginaw	Tailoring	3		3	
Dec. 1	Welsh, P.	Saginaw	Coal	3		3	
Nov. 27	Werner & Pfeiderer Co.	Saginaw	Machinery	155	12	167	
Dec. 7	Westphal's Bakery	Saginaw	Baked goods	7	2	9	
Nov. 15	West Side Coal Co.	Saginaw	Coal	5		5	
Nov. 20	West Side Garage Co.	Saginaw	Auto repairing	2		2	
Nov. 7	Western Union Telegraph Co., The	Saginaw	Telegraph service	16	9	25	6
Nov. 23	Western Union Telegraph Co.	Saginaw	Telegraph service	3	1	4	2
Nov. 22	Whately, Lewis J.	Saginaw	Tailoring	1	1	2	
Nov. 24	White, Charles E.	Saginaw	Photographs	2	2	4	
Sept. 7	White, Thomas	Saginaw	Machine repairing	3		3	
Oct. 4	Wickes Brothers	Saginaw	Machinery	211	7	218	2
Oct. 11	Wilcox Engineering Co.	Saginaw	Machinery	7	1	8	
Dec. 29	Williams Brothers Candy Co.	Saginaw	Candy	7	1	8	
Dec. 7	Williams Brothers Candy Co.	Saginaw	Candy	9	1	10	
Nov. 20	Williams, A. E.	Saginaw	Ice cream	2		2	

## Factory Inspection.—Continued.

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<b>SAGINAW Co.—Con.</b>							
Dec. 29	Williams, Simon.....	Saginaw.....	Hat cleaning.....	2		2	
Oct. 18	Wills, John E.....	Saginaw.....	Blacksmithing.....	2		2	
Sept. 25	Wilnot Market, The.....	Saginaw.....	Meats.....	4		4	1
Sept. 19	Wilson & Co.....	Saginaw.....	Coal.....	9		9	
Dec. 27	Wilson, Harvey.....	Saginaw.....	Blacksmithing.....	2		2	
Nov. 26	Wilsterman Electric Co.....	Saginaw.....	Electrical fixtures.....	2		2	
Oct. 2	Witters Laundry.....	Saginaw.....	Laundry.....	12	40	52	
Oct. 2	Wolf, J. & Son.....	Saginaw.....	Meats.....	4		4	
Oct. 10	Wolfarth's Steam Bakery.....	Saginaw.....	Baked goods.....	36	7	43	6
Sept. 19	Wolgaest, William.....	Saginaw.....	Paint shop.....	3		3	
Oct. 2	Woodcraft Shop, The.....	Saginaw.....	Furniture.....	2		2	
Oct. 10	Woolgar & Co.....	Saginaw.....	Repairing.....	2		2	
Nov. 19	Wolverine Cigar Co.....	Saginaw.....	Cigars.....	21	15	36	
Oct. 4	Wolverine Glove Co.....	Saginaw.....	Gloves.....	6	78	84	
Oct. 13	Wolverine Machine Works.....	Saginaw.....	Machine repairing.....	8		8	
Oct. 27	Wolverine Shoe Repair.....	Saginaw.....	Shoe repairing.....	2		2	
Sept. 21	Worker's Voice, The.....	Saginaw.....	Printed matter.....	3		3	
Oct. 22	You, Lee.....	Saginaw.....	Laundry.....	6		6	
Sept. 24	Zaehlmeier, A. F.....	Saginaw.....	Auto & bicycle repairing.....	2		2	
Dec. 27	Blunt, H. M.....	St. Charles.....	Auto service.....	2		2	
Dec. 27	Clay, William H.....	St. Charles.....	Meats.....	2		2	
Dec. 27	Clipper, C. H.....	St. Charles.....	Baked goods.....	3	1	4	
Dec. 27	Downing, B. J. & Son.....	St. Charles.....	Hardware.....	4		4	
Dec. 27	French, Elias.....	St. Charles.....	Harness repairing.....	1		1	
Dec. 27	Gage, Robert Coal Co.....	St. Charles.....	Coal.....	4		4	
Dec. 27	Grimley, Ray.....	St. Charles.....	Bicycles.....	2	1	3	1
Dec. 27	Hart Brothers.....	St. Charles.....	Grain and hay.....	3	6	9	1
Dec. 27	Holet, Julius.....	St. Charles.....	Tailoring.....	1	1	2	
Dec. 27	Jackson, A. B.....	St. Charles.....	Shoe repairing.....	1		1	
Dec. 27	Jaroch & Jaroch.....	St. Charles.....	Meats.....	3		3	
Dec. 27	Loeffelbein, Adam.....	St. Charles.....	Lumber.....	2		2	
Dec. 27	McKeighan, D. W.....	St. Charles.....	Miner's supplies.....	3		3	1
Dec. 27	Michigan State Telephone Co.....	St. Charles.....	Telephone service.....	1	4	5	
Dec. 27	Municipal Light & Water Plant.....	St. Charles.....	Light and water.....	3		3	
Dec. 27	St. Charles Auto Co.....	St. Charles.....	Auto repairing.....	5		5	
Dec. 27	St. Charles Flour & Feed Co.....	St. Charles.....	Flour and feed.....	3	12	15	
Dec. 27	St. Charles Union, The.....	St. Charles.....	Printed matter.....	1	3	4	
Dec. 27	Stewart, M.....	St. Charles.....	Wagons, etc.....	1		1	
Dec. 22	Consumers Power Co.....	Zilwaukee.....	Electricity.....	3		3	
<b>ST. CLAIR COUNTY.</b>							
Sept. 5	Algonac Light & Water Works.....	Algonac.....	Light and water.....	2		3	
Sept. 5	Algonac Machine & Boat Works.....	Algonac.....	Boat and auto repairing.....	3		2	
Sept. 5	Courier Printing Co., The.....	Algonac.....	Printed matter.....	3		3	
Sept. 5	Schram, John R.....	Algonac.....	Plumbing.....	4		4	
Sept. 5	Smith, C. C. Boat & Engine Co.....	Algonac.....	Boats and engines.....	9	1	10	
Sept. 5	Townsend, G. & Sons.....	Algonac.....	Lumber.....	11		11	
Sept. 5	Van Comberg, Alex.....	Algonac.....	Auto repairing.....	3	1	4	
Sept. 5	Warner, W. E.....	Algonac.....	Cement blocks.....	4	1	5	
Sept. 5	Worthy, Charles.....	Algonac.....	Meats.....	4	1	5	
Sept. 6	Avoca Milling Co.....	Avoca.....	Flour and feed.....	3		3	
Sept. 6	Hill & Wadsworth.....	Avoca.....	Grain.....	3		3	
Oct. 15	Bottomley, William C.....	Berville.....	Produce.....	1	9	10	
Sept. 14	Blaine Cooperative Association.....	Blaine.....	Grain, hay and coal.....	2		2	
Sept. 14	Fair & Sons.....	Blaine.....	Machines.....	3		3	
Sept. 12	Abraham, Chris.....	Capac.....	Building supplies.....	3		3	
Oct. 15	Burger, Mrs. J.....	Capac.....	Millinery.....		1	1	
Oct. 15	Capac Journal, The.....	Capac.....	Printed matter.....	1		1	
Sept. 11	Capac Garage.....	Capac.....	Auto repairing.....	4		4	
Sept. 11	Capac Marvel Mills.....	Capac.....	Flour and feed.....	3		3	
Oct. 15	Copeland, James.....	Capac.....	Blacksmithing.....	2		2	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
ST. CLAIR CO.—Con.							
Oct. 15	Harrison, John J.	Capac	Meats	2		2	
Oct. 15	Hilkert, E. T.	Capac	Baked goods	2		2	
Sept. 10	Leach Brothers	Capac	Lumber, etc	2		2	
Oct. 15	McCormick, John F.	Capac	Harness	1		1	
Oct. 15	McDougall, D. A.	Capac	Blacksmithing	2		2	
Oct. 15	Prey, O. A.	Capac	Hardware	2		2	
Oct. 15	St. Clair Paper Co.	Capac	Paper	72	2	74	
Sept. 10	Stoughton, H. P.	Capac	Grain	3		3	
Oct. 15	Waltz & Zurbrigg	Capac	Meats	2		2	
Sept. 13	Emmett Elevator Co.	Emmett	Grain, hay and beans	3	1	4	
Sept. 14	Jeddo Elevator Co.	Jeddo	Grain, feed and coal	3	1	4	
Sept. 14	Lamb, W. J.	Jeddo	Telephone service	2	1	3	
Sept. 12	Lamb Farmers' Elevator	Lambs	Grain, hay and feed	3		3	
Sept. 12	Raymond, William S.	Lambs	Auto repairing	2		2	
Sept. 12	Shanahan, M. P.	Lambs	Grain and beans	2		2	
Sept. 4	Baker, S. & Son	Marine City	Lumber	9		9	
Aug. 31	Becker, George W.	Marine City	Cigars	4	1	5	
Oct. 10	Bell's Bakery	Marine City	Baked goods	2	1	3	
Oct. 10	Cottrell, R. A.	Marine City	Coal and wood	2		2	
Sept. 4	Crowley's Garage & Machine Shop	Marine City	Auto repairing	5	1	6	
Oct. 10	Doecks & Jones	Marine City	Hardware and plumbing	4	1	5	
Sept. 4	Marine City Brewing Co.	Marine City	Beer	5		5	
Sept. 4	Marine Laundry, The	Marine City	Laundry	2	6	8	1
Aug. 31	Marine City Lumber & Coal Co.	Marine City	Lumber and coal	25	1	26	
Oct. 10	Marine Meat Market	Marine City	Meats	8	1	9	
Aug. 31	Marine City News, The	Marine City	Printed matter	3	1	4	
Sept. 4	Marine City Roller Mill Co.	Marine City	Flour and feed	4	1	5	
Sept. 4	Marine City Water Works	Marine City	Water	4		4	
Sept. 4	Michigan Salt Works	Marine City	Salt	118	12	130	8
Oct. 10	Monn, James A.	Marine City	Harness	1		1	
Oct. 10	Mullins & Bauman	Marine City	Baked goods	4	1	5	
Oct. 10	Rochon, A. J. & Co.	Marine City	Electrical supplies	2	1	3	
Aug. 31	Sadler Garage	Marine City	Auto repairing	3		3	
Aug. 31	Scott, Will J.	Marine City	Cement blocks	15		15	
Aug. 31	McLouth, Sydney C.	Marine City	Boat repairing	80	1	81	5
Oct. 17	Weng, J. & Sons	Marine City	Shoe repairing	2	1	3	
Sept. 4	Westrick, C. A. & Son	Marine City	Cement blocks	10		10	
Oct. 15	Bartlett, G. W.	Memphis	Hardware	1	1	2	
Sept. 13	Coburn, F. G.	Memphis	Grain, hay and coal	2		2	
Oct. 15	Deland, Harry	Memphis	Blacksmithing	1		1	
Sept. 13	Fierstine, H. M.	Memphis	Meats	2		2	
Oct. 15	Kniezke, L. J.	Memphis	Harness	1		1	
Oct. 15	Memphis Bee, The	Memphis	Printed matter	1	2	3	
Sept. 13	Memphis Elevator Co.	Memphis	Grain and produce	2		2	
Sept. 13	Memphis Garage	Memphis	Auto repairing	2		2	
Sept. 13	Memphis Roller Flouring Mills	Memphis	Flour and feed	2		2	
Sept. 13	St. Clair Central Telephone Co.	Memphis	Telephone service	2	3	5	
Aug. 17	Acheson Oil Dog Co.	Port Huron	Graphite	20	3	23	1
Aug. 7	Adams Express Co.	Port Huron	Express	5		5	
Aug. 15	Aikman Bakery Co.	Port Huron	Baked goods	28	48	76	14
Aug. 22	Amadon-O'Sullivan Printing Co.	Port Huron	Job printing	4		4	
Oct. 17	Andrews Fish Co.; The	Port Huron	Fish	2		2	
Aug. 21	Anker-Holth Mfg. Co.	Port Huron	Cream separators	50	3	53	2
Aug. 10	Appel Brothers	Port Huron	Tailoring	7	1	8	
Aug. 2	Athenian Candy Works, The	Port Huron	Candies and ice cream	3	1	4	1
Aug. 9	Barkell Auto Co.	Port Huron	Auto repairing	6		6	
Oct. 9	Barron, Henry	Port Huron	Meats	2		2	
Aug. 15	Barthel, H. P. Marble & Granite Wks.	Port Huron	Monuments	4		4	
Aug. 17	Basley Market	Port Huron	Meats	4	1	5	
Aug. 1	Beauchamp, Mrs. S. M.	Port Huron	Millinery		3	3	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
St. Clair Co.—Con.							
Aug. 8	Beckton, Thomas G.	Port Huron	Tailoring	4	3	7	
Aug. 13	Bofinger, W. C.	Port Huron	Baked goods	2		2	
Aug. 13	Bryant Engineering Co.	Port Huron	Machinery	5		5	
July 31	Carlisle, A. B.	Port Huron	Ice cream	11	1	12	1
Aug. 6	Carlisle, L. H.	Port Huron	Candy and ice cream	1	8	9	
Aug. 18	Larned Carter & Co.	Port Huron	Overalls	5	80	85	
Aug. 24	Casler, C. C.	Port Huron	Sheet metal	3		3	
Aug. 3	Church Garage Co.	Port Huron	Auto repairing	9	1	10	
July 31	City Steam Laundry	Port Huron	Laundry	4	24	28	
Oct. 9	City Tire & Vulcanizing Co.	Port Huron	Vulcanizing	2		2	
Oct. 8	Cline, Frank	Port Huron	Meats	2		2	1
Aug. 1	Collinson, Miss A. M.	Port Huron	Millinery		7	7	
July 25	Crawford, A.	Port Huron	Building material	25		25	
Oct. 9	Cruickshank, Arthur G.	Port Huron	Coal	5		5	
July 30	Dart, J. A. & Sons	Port Huron	Sheet metal	2		2	
Oct. 9	Dorman's Bakery	Port Huron	Baked goods	3		3	
July 25	Draper Mfg. Co., The	Port Huron	Castings	33	3	36	3
Aug. 1	Drought, George & Co.	Port Huron	Plumbing	4		4	
July 27	Dry Dock Iron Works	Port Huron	Engine repairing	11		11	
Aug. 15	Dunn, James Lumber Co.	Port Huron	Lumber	4		4	
July 31	Endlich, John A.	Port Huron	Bread	7		7	3
Oct. 6	Enterprise Meat Market	Port Huron	Meats	5	1	6	
Aug. 8	Farmer & Conselyea	Port Huron	Shoe repairing	3		3	
Aug. 17	Fead, John L. & Sons	Port Huron	Knit goods	15	125	140	5
Aug. 1	Foster, Louis	Port Huron	Builders' supplies	9		9	
Aug. 15	Gibson's Bakery	Port Huron	Baked goods	3	3	6	
Oct. 6	Godley, Fred C.	Port Huron	Cleaning and pressing	5		5	
Aug. 15	Grand Trunk Elevator Co., The	Port Huron	Grain	7	1	8	
July 26	Grand Trunk Railway System	Port Huron	Car repairing	225	2	227	4
Aug. 20	Grand Trunk Railway System	Port Huron	Electric power	16		16	
Aug. 15	Gruel & Ott	Port Huron	Soft drinks	8		8	
Aug. 1	Haslett, Frank J.	Port Huron	Tailoring	4		4	
Aug. 28	Havey & Co.	Port Huron	Meats	7	1	8	1
July 30	Haynes Lumber Co.	Port Huron	Lumber	9	1	10	
Aug. 10	Herald Printing Co., The	Port Huron	Job printing	18	3	21	2
Oct. 9	Hill, Otto L. Lumber Co., The	Port Huron	Lumber	3		3	
Aug. 15	Home Mfg. Co.	Port Huron	Woodworking	9		9	
Oct. 8	Ideal Cement Supply Co.	Port Huron	Cement blocks	6		6	
Oct. 8	Ideal Cleaners, The	Port Huron	Cleaning and pressing	2	2	4	
Aug. 14	Jarvis Brothers	Port Huron	Builders' supplies	4		4	
July 31	Kern, C., Brewing Co.	Port Huron	Beer	37		37	
Oct. 6	Kilets Printing Co.	Port Huron	Job printing	2		2	
Aug. 13	Kimball, C. H. & Son	Port Huron	Feed, etc.	7		7	1
Oct. 6	King, Harry	Port Huron	Upholstering	1		1	
July 30	Lake Huron Welding Works	Port Huron	Welding	3		3	
Oct. 6	Lakin, Henry	Port Huron	Shoe repairing	2		2	
Aug. 15	Lamlein, Chris.	Port Huron	Baked goods	3	1	4	
Aug. 21	Lee, William O. Co., The	Port Huron	Brass goods	27	1	28	
Aug. 15	Little Brothers Foundry Co.	Port Huron	Castings	25		25	
Aug. 8	Londoe, Gust & Co.	Port Huron	Shoe repairing	3		3	1
July 26	Losie & Treleven	Port Huron	Coal	7		7	
Aug. 1	McCullom, I. E. & Co.	Port Huron	Coal	7	1	8	
Aug. 14	McFee, M. D.	Port Huron	Dry cleaning	1	1	2	
Aug. 6	McMorran Milling Co.	Port Huron	Flour, feed and grain	8		8	1
Oct. 9	McKenzie, W. A.	Port Huron	Blacksmithing	2		2	
July 27	Michigan Bean Co.	Port Huron	Beans	9	28	37	
Oct. 9	Michigan Cereal Co.	Port Huron	Peas	8	1	9	
Aug. 17	Michigan State Telephone Co.	Port Huron	Telephone service	15	59	74	
Aug. 20	Miller, J. E. & Son	Port Huron	Coal	9	2	11	1
Oct. 9	Millinery Stores Co., The	Port Huron	Millinery		5	5	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>ST. CLAIR CO.—Con.</b>							
Aug. 7	Mitchell, The Tailor	Port Huron	Tailoring	3		3	
Oct. 6	Mitta, I. W.	Port Huron	Blacksmithing	2		2	
Oct. 15	Misel & Brownell	Port Huron	Fish	7		7	
Aug. 16	Monroe Motor Co.	Port Huron	Automobiles	171	2	173	5
July 31	Moore Brothers	Port Huron	Plumbing	3	1	4	
Aug. 9	Moore, S. H. & N. G.	Port Huron	Coal	6		6	
Aug. 23	Morton Salt Co.	Port Huron	Salt	265	33	298	4
Oct. 6	Moser, W. J.	Port Huron	Coal and wood	6	1	7	
Aug. 2	Mudford, Charles E.	Port Huron	Cigars	10	4	14	
July 30	Muir-O'Sullivan Dredge & Dock Co.	Port Huron	Contracting	12		12	
Aug. 17	Muller, E. B. & Co.	Port Huron	Chicory	23	7	30	6
Oct. 6	Murray, George M.	Port Huron	Baked goods	2	1	3	
Aug. 14	National Express Co.	Port Huron	Express	13	1	14	
Aug. 13	O. K. Laundry Co.	Port Huron	Laundry	6	44	50	3
Aug. 7	Orttenburger Harness Co.	Port Huron	Harness	8		8	
July 30	O'Sullivan, James & Sons Co.	Port Huron	Building supplies	50	1	51	3
Aug. 6	Paige Overland Co.	Port Huron	Auto repairing	9		9	1
Aug. 1	Parra Millinery	Port Huron	Millinery	2	10	10	
Oct. 6	Pelton, F. H.	Port Huron	Shoe repairing	2		2	
Oct. 9	Pere Marquette Railroad Co.	Port Huron	Car repairing	18		18	
Aug. 6	Petit's Garage	Port Huron	Auto repairing	6	1	7	1
July 27	Pioneer Boiler Works	Port Huron	Boiler repairing	8		8	
Aug. 15	Port Huron Bread Co.	Port Huron	Baked goods	18		18	4
July 31	Port Huron Brewing Co.	Port Huron	Beer	13	1	14	
July 27	Port Huron Water Works	Port Huron	Water	8		8	
Aug. 9	Port Huron Creamery Co.	Port Huron	Dairy products	15	5	20	
Aug. 22	Port Huron Engine & Thresher Co.	Port Huron	Engines, etc.	182	14	196	5
Aug. 8	Port Huron Gas & Electric Co.	Port Huron	Gas and electricity	123	3	126	
July 30	Port Huron Heating & Plumbing Co.	Port Huron	Heating and plumbing	3		3	
Aug. 13	Port Huron Pattern Works	Port Huron	Patterns	2		2	
Aug. 20	Port Huron Sulphite & Paper Co.	Port Huron	Sulphite and paper	164	16	180	
Oct. 8	Port Huron Tire & Repair Co.	Port Huron	Tire repairing	3	1	4	1
Aug. 10	Postal Telegraph & Cable Co.	Port Huron	Telegraph service	1	1	2	
Aug. 23	Purity Ice Co.	Port Huron	Ice and coal	25	2	27	1
Aug. 16	Rapid Railway System	Port Huron	Car repairing	114		114	
Oct. 9	Rausser, Fred G.	Port Huron	Job printing	1		1	
Aug. 20	Reid Wrecking Co.	Port Huron	Ship repairing, etc.	79	1	80	
Aug. 13	Richardson, Baker & Co.	Port Huron	Plumbing	11		11	
Aug. 9	Riverside Printing Co.	Port Huron	Job printing	55	18	73	4
Aug. 6	Robin-Lawrence Motor Sales Co.	Port Huron	Auto repairing	5		5	1
July 25	Romeo Foundry Co.	Port Huron	Castings	97	18	115	2
Aug. 22	Romeo Foundry Co.	Port Huron	Castings	341	3	344	9
Oct. 8	Rudge, John Foundry Co.	Port Huron	Castings	2		2	
Oct. 8	Scheffler, C. J.	Port Huron	Coal	1	1	2	
Oct. 8	Scheffler Brothers	Port Huron	Meats	3		3	
Aug. 16	Schmude Brothers	Port Huron	Meats	4	1	5	
Sept. 15	Scott, W. J.	Port Huron	Contracting	25	1	26	
Aug. 21	Shanahan, M. P.	Port Huron	Coal	4		4	
Aug. 9	Sinclair Refining Co.	Port Huron	Oils, etc.	6	1	7	
Aug. 14	Smith, Andrew J. & Sons	Port Huron	Contracting	23	1	24	
Oct. 9	Smith, Fred	Port Huron	Feed, hay and grain	3		3	
Oct. 9	Smith Tire & Repair Co.	Port Huron	Auto repairing	2		2	
July 30	Smith, William J.	Port Huron	Harness	3		3	
Aug. 20	South Park Machine & Supply Co.	Port Huron	Repairing	31	2	33	2
Oct. 9	South Park Meat Market	Port Huron	Meats	3		3	
Aug. 20	South Park Mercantile Co.	Port Huron	Lumber, feed, etc.	3		3	
July 26	Standard Oil Co.	Port Huron	Oil	8		8	
Oct. 8	Stansel, Wesley	Port Huron	Meats	3		3	
Oct. 8	Stephenson, D. J.	Port Huron	Electrical supplies	7	1	8	
Aug. 14	Stock, G. B. Xylite Grease & Oil Co., The	Port Huron	Oil, etc.	7	1	8	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 10 years of age.
ST. CLAIR CO.—Con.							
July 27	Summers Linen Co. ....	Port Huron .....	Flax fibre .....	19	1	20	.....
July 31	Swift & Co. ....	Port Huron .....	Meats .....	5	.....	5	.....
Aug. 21	Theisen-Braithwaite Co. ....	Port Huron .....	Castings .....	16	1	17	.....
July 30	Thomson, J. W. ....	Port Huron .....	Coal .....	7	.....	7	.....
Aug. 10	Times-Herald Co., The. ....	Port Huron .....	Printed matter .....	25	3	28	3
Aug. 10	Troy Laundry .....	Port Huron .....	Laundry .....	7	57	64	.....
July 27	Truesdell Marble & Granite Co. ....	Port Huron .....	Monuments .....	4	1	5	.....
Oct. 9	Tudhope, Miss A. G. ....	Port Huron .....	Dressmaking .....	1	8	9	.....
Aug. 16	United Iron & Metal Co. ....	Port Huron .....	Junk .....	13	1	14	.....
July 26	Watson, John. ....	Port Huron .....	Plumbing .....	12	1	13	.....
Aug. 22	Webb & Porter .....	Port Huron .....	Baked goods .....	3	1	4	.....
Aug. 13	Western Union Telegraph Co. ....	Port Huron .....	Telegraph service .....	6	4	10	4
July 30	Whiting Lumber Co. ....	Port Huron .....	Lumber .....	16	2	18	.....
Oct. 9	Whitney's Baking Co. ....	Port Huron .....	Baked goods .....	2	.....	2	.....
Aug. 20	Wolverine Dry Dock .....	Port Huron .....	Boat repairing, etc. ....	32	.....	32	.....
Oct. 9	Wolverine Rug Co. ....	Port Huron .....	Rugs .....	1	1	2	.....
Aug. 8	Wenona Cigar Co., The. ....	Port Huron .....	Cigars .....	7	1	8	.....
Oct. 8	Wright, A. H. ....	Port Huron .....	Repairing .....	4	.....	4	.....
Aug. 20	Yeager, F. Bridge & Culvert Works. ....	Port Huron .....	Bridges and culverts. ....	5	1	6	.....
Oct. 9	Young, A. E. ....	Port Huron .....	Meats .....	5	1	6	.....
Aug. 7	Yokom, George E. ....	Port Huron .....	Auto repairing .....	8	2	10	.....
Aug. 29	Borntrager, Fred. ....	St. Clair .....	Blacksmithing .....	3	.....	3	.....
Aug. 29	City Laundry .....	St. Clair .....	Laundry .....	1	2	3	.....
Aug. 30	Detroit Creamery Co. ....	St. Clair .....	Dairy products .....	5	1	6	1
Aug. 30	Diamond Crystal Salt Co. ....	St. Clair .....	Salt .....	333	68	401	17
Oct. 11	Gliem Brothers .....	St. Clair .....	Meats .....	5	1	6	.....
Aug. 29	Heytaler Brothers. ....	St. Clair .....	Auto repairing .....	4	.....	4	.....
Oct. 11	Hornberger's .....	St. Clair .....	Harness .....	1	.....	1	.....
Oct. 11	Kemp, William R. ....	St. Clair .....	Coal and cement .....	2	.....	2	.....
Aug. 31	Kenyon's Shipyard .....	St. Clair .....	Ships .....	40	.....	40	.....
Aug. 30	Michigan State Telephone Co. ....	St. Clair .....	Telephone service .....	2	9	11	.....
Aug. 29	Municipal Electric Light & Water Wks. ....	St. Clair .....	Light and water .....	5	.....	5	.....
Aug. 29	Nelson Mills Lumber & Mfg. Co. ....	St. Clair .....	Lumber .....	9	1	10	.....
Oct. 11	Pollex, H. F. ....	St. Clair .....	Tailoring .....	1	1	2	.....
Aug. 30	St. Clair County Press. ....	St. Clair .....	Printed matter .....	4	.....	4	.....
Aug. 30	St. Clair Iron Works. ....	St. Clair .....	Repairing .....	2	.....	2	.....
Aug. 29	St. Clair Milling Co., The. ....	St. Clair .....	Flour .....	4	1	5	.....
Aug. 29	St. Clair Republican, The. ....	St. Clair .....	Printed matter .....	3	3	6	1
Aug. 30	Shlinkert Fuel & Builders' Supply Co. ....	St. Clair .....	Fuel, etc. ....	7	.....	7	.....
Oct. 11	Stewart, A. A. ....	St. Clair .....	Auto repairing .....	2	.....	2	.....
Oct. 11	Streit's Harness & Electric Shop. ....	St. Clair .....	Harnesses .....	1	.....	1	.....
Oct. 11	Welsler, N. H. ....	St. Clair .....	Baked goods .....	2	.....	2	.....
Oct. 11	Zimmer, N. L. ....	St. Clair .....	Meats .....	4	.....	4	.....
Oct. 12	Barr, Charles H. ....	Yale .....	Blacksmithing .....	2	.....	2	.....
Oct. 12	Black, Eva J. & Co. ....	Yale .....	Millinery .....	.....	2	2	.....
Oct. 12	Eilber & Barth .....	Yale .....	Harnesses .....	2	.....	2	.....
Sept. 7	Ford Sales & Service Station .....	Yale .....	Auto repairing .....	2	.....	2	.....
Oct. 12	Hutton, John. ....	Yale .....	Hardware .....	3	1	4	.....
Oct. 12	Johnston, Thomas. ....	Yale .....	Blacksmithing .....	2	.....	2	.....
Sept. 7	Livingston, James, Flax Co., The. ....	Yale .....	Flax .....	11	1	12	.....
Oct. 12	Melrose, James .....	Yale .....	Flax machinery .....	1	.....	1	.....
Sept. 6	Middleton & Doelle .....	Yale .....	Grain, hay and coal .....	3	1	4	.....
Sept. 6	Municipal Light & Water Plant .....	Yale .....	Light and water .....	3	.....	3	.....
Oct. 12	Oviatt's Bakery .....	Yale .....	Baked goods .....	1	1	2	.....
Oct. 12	Richards, C. E. ....	Yale .....	Hardware .....	2	.....	2	.....
Sept. 6	Ritter's Laundry .....	Yale .....	Laundry .....	1	1	2	.....
Oct. 12	Wharton & Co. ....	Yale .....	Coal, grain and hay .....	3	1	4	.....
Sept. 7	Yale Canning Co. ....	Yale .....	Canned goods .....	46	18	64	20
Sept. 7	Yale Expositor, The. ....	Yale .....	Printed matter .....	2	.....	2	.....
Sept. 7	Yale Lumber & Coal Co. ....	Yale .....	Lumber and coal .....	2	1	3	.....



Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>ST. CLAIR Co.—Con.</b>							
Sept. 7	Yale Machine Works	Yale	Machine repairing	2		2	
Sept. 6	Yale Milling Co., The	Yale	Flour and feed	3		3	
Sept. 7	Yale Record, The	Yale	Printed matter	2		2	
Oct. 12	Yale Telephone Co.	Yale	Telephone service	3	2	5	
Sept. 6	Yale Woolen Mills	Yale	Woolen goods	62	42	104	
<b>ST. JOSEPH COUNTY.</b>							
Dec. 11	Burr Oak Acorn	Burr Oak	Printed matter	3		3	
Dec. 11	Campbell & Co.	Burr Oak	Grain	2		2	
Dec. 11	Eagle Garage	Burr Oak	Auto repairing	3		3	
Dec. 11	Sheffield Mfg. Co.	Burr Oak	Farm implements	34	1	35	
Dec. 11	United Electric Co.	Burr Oak	Electricity	5		5	
Dec. 7	Centerville Observer	Centerville	Printed matter	2		2	
Dec. 7	Centerville Garage	Centerville	Auto repairing	2		2	
Dec. 7	Centerville Water & Electric Co.	Centerville	Electricity and water	3		3	
Dec. 7	Corbett Stone & Lumber Co.	Centerville	Stone and lumber	2		2	
Dec. 7	Denton, Dr. Sleeping Garment Mills	Centerville	Sleeping garments	43	103	146	
Dec. 7	Reynolds, A. H.	Centerville	Flour and grain	3		3	
Dec. 12	Colon Steam Laundry	Colon	Laundry	1	1	2	
Dec. 12	Lamberson, C. A. & Co.	Colon	Flour and feed	3		3	
Dec. 12	Lamb Knit Goods Co., The	Colon	Knit goods	41	59	100	
Dec. 12	United Electric Co.	Colon	Electricity	3		3	
Dec. 8	Casemen Brothers & Moore	Constantine	Auto repairing	4		4	
Dec. 8	City Steam Laundry	Constantine	Laundry	2		2	
Dec. 8	Constantine Advertiser-Record	Constantine	Printed matter	1	2	3	
Dec. 8	Constantine Board & Paper Co.	Constantine	Paper	37		37	
Dec. 8	Constantine Casket Co.	Constantine	Caskets	50	7	57	
Dec. 8	Constantine Cooperative Association	Constantine	Grain, feed, coal, etc.	7		7	
Dec. 8	Constantine Cooperative Creamery Co.	Constantine	Dairy products	3		3	
Dec. 8	Constantine Granite Works	Constantine	Monuments	2		2	
Dec. 8	Constantine Hydraulic Co.	Constantine	Power	5		5	
Dec. 8	Constantine Lumber Co.	Constantine	Lumber and coal	4		4	
Dec. 8	Constantine Milling Co.	Constantine	Flour and feed	14		14	
Dec. 8	Drake-Merritt Casket Co.	Constantine	Caskets	31	7	38	
Dec. 8	Harvey, W. W. & Son	Constantine	Washing machines	3		3	
Dec. 8	Peoples Light & Power Co.	Constantine	Electricity and power	2		2	
Dec. 8	Wilson, A. B. & Co.	Constantine	Auto repairing	2		2	
Dec. 12	King Milling Co., The	Leonidas	Flour and feed	2		2	
Dec. 12	Nixon, James E.	Leonidas	Grain and tile	2	1	3	
Dec. 12	White Brothers & Co.	Leonidas	Grain and hay	4		4	
Dec. 11	Creed, J. A.	Mendon	Grain	2		2	
Dec. 11	Green Meadow Dairy Co.	Mendon	Dairy products	3		3	
Dec. 11	Kline & Bowman	Mendon	Auto repairing	3		3	
Dec. 10	Allard, Homer L.	Sturgis	Cigars	6		6	2
Dec. 11	Ausmus, Fred	Sturgis	Cigars	2	2	4	
Dec. 10	Aulsbrook & Jones Furniture Co.	Sturgis	Furniture	168	4	172	
Dec. 10	Bassler & Storek	Sturgis	Hardware and plumbing	10		10	
Dec. 10	Berridge Shear Co.	Sturgis	Shears	61	8	69	8
Dec. 10	Blue & Gilhams	Sturgis	Grain and feed	2		2	
Dec. 10	Board of Public Works	Sturgis	Light, power and water	11	1	12	
Dec. 10	Cavin, Will A.	Sturgis	Lumber	5	1	6	
Dec. 10	Central Wheel & Mfg. Co., The	Sturgis	Wheels, etc.	17	1	18	
Dec. 10	Diets Dye Works	Sturgis	Cleaning and dyeing	5		5	
Dec. 10	Ford Garage, The	Sturgis	Auto repairing	4		4	
Dec. 10	Freeland Sons Co.	Sturgis	Tanks	23		23	
Dec. 10	Gilhams, A. E.	Sturgis	Baked goods	7	4	11	
Dec. 10	Grobhiser-Cabinetmakers Co.	Sturgis	Furniture	94	1	95	1

## DEPARTMENT OF LABOR.

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	St. JOSEPH Co.—Con.						
Dec. 10	Hibbard, A. L.	Sturgis	Flour, feed, hay, etc.	3		3	
Dec. 10	Kane, E. T.	Sturgis	Monuments	3		3	
Dec. 10	Kirkpatrick, J. R. Garage	Sturgis	Auto repairing.	4		4	
Dec. 10	Kirsch Mfg. Co.	Sturgis	Curtain fixtures	85	60	145	4
Dec. 10	Long & Miller	Sturgis	Auto repairing.	5		5	
Dec. 10	Luce, G. W. & Co.	Sturgis	Coal and ice	6	1	7	
Dec. 10	Major, L. S.	Sturgis	Millinery		2	2	
Dec. 10	Miller, Charles A. Co.	Sturgis	Plumbers' supplies	105		105	
Dec. 10	Morency-Van Buren Mfg. Co.	Sturgis	Brass goods	125	1	126	
Dec. 10	National Carbon Coated Paper Co., The	Sturgis	Salesbooks	83	71	154	
Dec. 10	New Central Garage	Sturgis	General repairing.	4		4	
Dec. 10	Packard, James J.	Sturgis	Baked goods.	8	4	12	
Dec. 10	Royal Easy Chair Co.	Sturgis	Chairs	139	21	160	5
Dec. 11	Sturgis Dairy Co.	Sturgis	Dairy products	4		4	
Dec. 10	Sturgis Electro-Plating Co.	Sturgis	Electro plating.	5	1	6	
Dec. 10	Sturgis Gas Co.	Sturgis	Light and power	8	1	9	
Dec. 10	Sturgis Grain Co., The	Sturgis	Grain, flour, feed, etc.	4	1	5	
Dec. 10	Sturgis Journal, The	Sturgis	Printed matter	14	4	18	
Dec. 10	Sturgis Machine Co.	Sturgis	Machinery	4		4	
Dec. 10	Sturgis Steam Laundry	Sturgis	Laundry	3	4	7	
Dec. 10	Sturgis Steel Go-Cart Co.	Sturgis	Baby carriages	152	37	189	
Dec. 10	Turner, George R.	Sturgis	Coal and wood	3		3	
Dec. 10	Utility Mfg. Co.	Sturgis	Castings	12	3	15	
Dec. 10	Webb, R. L. Lumber Co.	Sturgis	Lumber	3	1	4	
Dec. 10	Wiersema Mfg. Co.	Sturgis	Bird houses	4		4	
Dec. 10	Wilhelm Furniture Co.	Sturgis	Furniture	166	2	168	1
Dec. 7	American Laundry	Three Rivers	Laundry	1	5	6	
Dec. 7	Armstrong Machine Works	Three Rivers	Steam traps	8	1	9	
Dec. 7	Black, S. O. Estate	Three Rivers	Cigars	2		2	
Dec. 7	Corlett-Stone Lumber Co.	Three Rivers	Lumber and coal	4		4	
Dec. 7	D. & A. Post Mould Co.	Three Rivers	Post moulds	2		2	
Dec. 7	Eddy Paper Co.	Three Rivers	Paper	76		76	
Dec. 7	Farnam, J. F.	Three Rivers	Ice cream & confectionery	1	1	2	
Dec. 7	Flint Avenue Garage	Three Rivers	Auto repairing	3		3	
Dec. 7	Hasen, W. M.	Three Rivers	Lumber and fuel	4	1	5	
Dec. 7	Kellogg, R. M. Co.	Three Rivers	Strawberry plants	131	86	217	
Dec. 7	Klocke, Carl	Three Rivers	Cigars	6		6	
Dec. 7	Leader Shoe Store, The	Three Rivers	Shoe repairing	2		2	
Dec. 7	Manning, Miss C. I.	Three Rivers	Millinery		2	2	
Dec. 7	Michigan Gas & Electric Co.	Three Rivers	Light and power	8	3	11	
Dec. 7	National Fur & Tanning Co.	Three Rivers	Furs	6	4	10	
Dec. 7	Potter, A. W. Mill & Elevator	Three Rivers	Flour and feed	4	1	5	
Dec. 7	Rohrer, F. A.	Three Rivers	Cigars	5		5	
Dec. 10	Sheffield Car Co.	Three Rivers	Car wheels	951	48	999	12
Dec. 7	Three Rivers Electric Service Station	Three Rivers	General electrical work	3		3	
Dec. 7	Three Rivers Municipal Plant	Three Rivers	Water and light	6		6	
Dec. 7	Three Rivers Press, The	Three Rivers	Printed matter	6	2	8	
Dec. 7	Three Rivers Robt Tannery	Three Rivers	Tanned goods	9	10	19	
Dec. 7	U. S. Woodware Mfg. Co.	Three Rivers	Ladders, etc.	18		18	
Dec. 7	Van Horn, Mrs. La Vern	Three Rivers	Millinery		2	2	
Dec. 7	White Bakery, The	Three Rivers	Baked goods	2	2	4	
Dec. 7	White Garage, The	Three Rivers	Auto repairing	1		1	
Dec. 7	Yorton Auto Sales Co.	Three Rivers	Auto repairing, etc.	4	1	5	
Dec. 8	Eddy Paper Co.	White Pigeon	Paper	171		171	4
Dec. 8	Gill, F. S.	White Pigeon	Grain	2		2	
Dec. 8	South Bend Creamery Co.	White Pigeon	Dairy products	3		3	
Dec. 8	Standard Body Co.	White Pigeon	Auto bodies	9		9	
Dec. 8	White Pigeon News, The	White Pigeon	Printed matter	1	1	2	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>SANILAC COUNTY.</b>							
Oct. 30	Applegate Creamery, The	Applegate	Dairy products.	6	1	7	1
Oct. 30	Applegate Elevator	Applegate	Grain and beans	2		2	
Oct. 30	Hawkins, R.	Applegate	Coal and feed	1		1	
Oct. 30	Ruttle, H. Sons	Applegate	Grains and hay	1		1	
Nov. 7	Beckett, E. W.	Brown City	Meats	1		1	
Nov. 7	Brown City Garage	Brown City	Auto repairing	2		2	
Nov. 7	Brown City Light & Water Works	Brown City	Light and water	3		3	
Nov. 7	Brown City Mfg. Co.	Brown City	Auto trailers	2		2	
Nov. 7	Campbell, Catherine	Brown City	Millinery		2	2	
Nov. 7	Canwood & Co.	Brown City	Job printing	3		3	
Nov. 7	Dean, Mrs. E. S.	Brown City	Millinery		2	2	
Nov. 7	Etherington, George	Brown City	Blacksmithing	2		2	
Nov. 7	Eureka Milling & Elevator Co.	Brown City	Produce	11	1	12	
Nov. 7	Martin, William A.	Brown City	Lumber	2		2	
Nov. 7	Sanilac County Creamery Co.	Brown City	Dairy products.	3	1	4	
Nov. 7	Trumble, Charles H. Co.	Brown City	Auto repairing	3		3	
Nov. 7	Valley Hay & Grain Co.	Brown City	Grain and produce	4	1	5	
Oct. 31	Carsonville Elevator	Carsonville	Grain	2		2	
Oct. 31	Carsonville Tribune, The	Carsonville	Printed matter	1	1	2	
Oct. 31	Carsonville Light & Water Works	Carsonville	Light and water	1		1	
Oct. 31	Miller, J. I.	Carsonville	Meats	2		2	
Oct. 31	O'Connor, J.	Carsonville	Lumber and coal	4		4	
Oct. 31	Ruttle, H. Sons	Carsonville	Hay and grain	6		6	
Oct. 26	Baer Brothers	Crowell	Blacksmithing	3		3	
Oct. 26	Boele Grain Co.	Crowell	Grain	3	1	4	
Oct. 26	Burnie Brothers	Crowell	Blacksmithing	2		2	
Oct. 26	Carney, H. L.	Crowell	Coal	3		3	
Oct. 27	Central Meat Market	Crowell	Meats	3		3	
Oct. 26	Crowell Auto Co.	Crowell	Auto repairing	2		2	
Oct. 27	Crowell Brick & Tile Co.	Crowell	Brick and tile	10		10	
Oct. 26	Crowell Bridge & Culvert Co., The	Crowell	Bridges, etc.	9	1	10	
Oct. 27	Crowell Creamery Co.	Crowell	Dairy products	2		2	
Oct. 27	Crowell Jeffersonian, The	Crowell	Printed matter	2		2	
Oct. 27	Crowell Light & Water Works	Crowell	Light and water	3		3	
Oct. 27	Crowell Lumber & Coal Co., The	Crowell	Lumber and coal	2	1	3	
Oct. 27	Crowell Marble & Granite Co.	Crowell	Monuments	2		2	
Oct. 26	Crowell Milling Co.	Crowell	Flour	5		5	
Oct. 27	Davidson, George	Crowell	Sheet metal	1		1	
Oct. 27	Edgar, A. J.	Crowell	Tailoring	2	2	4	
Oct. 26	Farmers' Elevator	Crowell	Grain and hay	3	20	23	
Oct. 26	Fox River Butter Co., The	Crowell	Dairy products	1		1	
Oct. 27	Ideal Bakery, The	Crowell	Baked goods	2		2	
Oct. 26	King, Ralph	Crowell	Blacksmithing	1		1	
Oct. 27	Livingston, James, Flax Co., The	Crowell	Flax	9		9	
Nov. 28	Michigan Sugar Co.	Crowell	Sugar	223	11	234	2
Oct. 27	Moore & Carter Lumber Co., The	Crowell	Lumber, etc.	2		2	
Oct. 27	Newberry, George	Crowell	Harness	1		1	
Oct. 27	Smyth & Straffon	Crowell	Auto repairing	4		4	
Oct. 27	Spencer & Hicks	Crowell	Meats	3		3	
Nov. 9	Case City Grain Co.	Decker	Grain and beans	3	13	16	
Nov. 1	Amerline Co.	Deckerville	Flax	9		9	
Nov. 1	Bullock & Co.	Deckerville	Meats	3		3	
Nov. 1	Cowan & Binkle	Deckerville	Harness	4		4	
Nov. 1	Deckerville Feed Mill, The	Deckerville	Feed	1		1	
Nov. 1	Deckerville Recorder, The	Deckerville	Printed matter	2	1	3	
Nov. 1	Green & Wilson	Deckerville	Grain	4		4	
Nov. 1	Hartshorn & Jones	Deckerville	Auto repairing	3	1	4	
Nov. 1	Hires Condensed Milk Co.	Deckerville	Condensed milk	4		4	
Nov. 1	Municipal Electric Light & Water Works	Deckerville	Light and water	3		3	
Nov. 1	Reinelt, John	Deckerville	Lumber	2		2	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SANILAC Co.—Con.						
Nov. 1	Deibele, J. & Son	Dowington	Flour and feed	1		1	
Oct. 29	Cruikshank & Co.	Lexington	Blacksmithing	2		2	
Oct. 29	Foley, A. K.	Lexington	Meats	2		2	
Oct. 29	Lexington News	Lexington	Printed matter	2		2	
Oct. 29	Roach, W. R. & Co.	Lexington	Canned goods	130	34	164	32
Nov. 2	McGregor Elevator	McGregor	Grain	1		1	
Nov. 6	Appel, J. C.	Marlette	Harness	3		3	
Nov. 6	Ballard Auto Garage, The	Marlette	Auto repairing	1		1	
Nov. 6	Board of Public Works	Marlette	Light and water	3		3	
Nov. 6	Chard's Bakery	Marlette	Baked goods	2		2	
Nov. 6	Hanley, J. H. & Sons	Marlette	Dairy products	5		5	
Nov. 6	Lee Brothers	Marlette	Blacksmithing	2		2	
Nov. 6	McCallum Auto Sales Co.	Marlette	Auto repairing, etc.	2		2	
Nov. 6	Marlette Farmers' Cooperative Elevator Co.	Marlette	Grain and beans	8	1	9	
Nov. 6	Marlette Garage	Marlette	Auto repairing	2		2	
Nov. 6	Marlette Leader, The	Marlette	Printed matter	2		2	
Nov. 6	Mathews Milling Co.	Marlette	Flour and feed	4		4	
Nov. 6	Rambo's Garage	Marlette	Auto repairing	2		2	
Nov. 6	Shabbona Creamery Co.	Marlette	Dairy products	2		2	
Nov. 6	Sly, A. L. & Co.	Marlette	Meats	3		3	
Nov. 6	Smith & Peterson Lumber Co., The	Marlette	Lumber	2		2	
Nov. 6	Thumb Lumber Co., The	Marlette	Lumber and cement	2		2	
Nov. 6	Weir, James	Marlette	Blacksmithing	1		1	
Nov. 6	Weir, W. H.	Marlette	Blacksmithing	1		1	
Nov. 6	Wilson, Thomas	Marlette	Grain and beans	7	40	47	
Nov. 5	Haacke, John D.	Melvin	Blacksmithing	1		1	
Nov. 5	Kerr Grain & Hay Co.	Melvin	Grain and hay	3	2	5	
Nov. 12	Dawson, Harry	Minden City	Blacksmithing	2		2	
Nov. 12	Minden City Elevator	Minden City	Grain	1	1	2	
Nov. 12	Riedel, L. H. & Son	Minden City	Grain	3		3	
Nov. 2	Palms Elevator Co.	Palms	Grains	2		2	
Nov. 5	Grimes & Waterman	Peck	Auto repairing	3		3	
Nov. 5	Holmes, N. W.	Peck	Meats	2		2	
Nov. 5	Moore & Carter	Peck	Lumber and coal	1		1	
Nov. 5	Peck Creamery Co.	Peck	Dairy products	5		5	
Nov. 5	Peck Elevator	Peck	Grains	4	1	5	
Nov. 5	Peck Roller Mills	Peck	Flour and feed	2		2	
Nov. 5	Sanilac County Times	Peck	Printed matter	1	1	2	
Nov. 5	Scribner & Clapsadle	Peck	Auto repairing	2		2	
Nov. 5	Tenniswood, A. R.	Peck	Blacksmithing	2		2	
Nov. 13	Ruth Elevator	Ruth	Grain and beans	3		3	
Oct. 30	Anketell Lumber & Coal Co., The	Sandusky	Lumber and coal	2		2	
Oct. 30	Bickle, F. A.	Sandusky	Flour and feed	3		3	
Oct. 31	Costine's Bakery	Sandusky	Baked goods	1		1	
Oct. 31	Cowan & Binkle	Sandusky	Harness	1		1	
Oct. 30	Davidson, L. R.	Sandusky	Repairing	2		2	
Oct. 30	Hub Elevator Co.	Sandusky	Grain and beans	2	10	12	
Oct. 30	Moore & Carter	Sandusky	Lumber and coal	3		3	
Oct. 31	Moore & Moore Tile Co.	Sandusky	Brick and tile	7		7	
Oct. 31	Pfaff, Phil	Sandusky	Meats	3		3	
Oct. 30	Sandusky Electric Light & Water Wks	Sandusky	Light and water	3		3	
Oct. 30	Sandusky Grain Co.	Sandusky	Grain	8	31	39	
Oct. 30	Sanilac County Farmer	Sandusky	Printed matter	2		2	
Oct. 30	Sanilac County Republican, The	Sandusky	Printed matter	3	2	5	
Oct. 30	Woolman Construction Co.	Sandusky	Dredging	37	8	45	
Nov. 9	Carter, Peter Lumber Co.	Snover	Lumber and coal	2		2	
Nov. 9	Snover Grain Co.	Snover	Grain, hay, etc.	7	20	27	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>SCHOOLCRAFT COUNTY.</b>							
Jan. 26	White Marble Lime Co.	Blaney	Stone.	17		17	
Jan. 24	Bannon, W. S.	Manistique.	Dry cleaning.	2	1	3	
Jan. 25	Barton Brothers	Manistique.	Plumbing.	3		3	
Jan. 24	Berry, Thomas Chemical Co.	Manistique.	Chemicals.	37		37	
Jan. 24	Berry, Thomas, Chemical Co.	Manistique.	Forest products.	18		18	
Jan. 24	Brown Lumber Co.	Manistique.	Lumber.	68		68	
Jan. 24	Cameron & Girvin	Manistique.	Plumbing.	2		2	
Jan. 25	Carson, E. M.	Manistique.	Fish.	1	1	2	
Jan. 24	Central Market, The.	Manistique.	Meats.	4		4	
Jan. 24	Charcoal Iron Company of America.	Manistique.	Chemicals, etc.	518	2	520	
Jan. 25	City Fuel Co.	Manistique.	Coal.	4		4	
Jan. 25	City Meat Market.	Manistique.	Meats.	4		4	
Jan. 25	Coffey, John.	Manistique.	Fish.	30	1	31	
Jan. 24	Consolidated Lumber Co.	Manistique.	Lumber.	165	1	166	
Jan. 25	Cookson-Leroy Hardware Co.	Manistique.	Hardware.	5		5	
Jan. 24	Courier-Record, The.	Manistique.	Printed matter.	3	2	5	
Jan. 24	Deemer, V. P.	Manistique.	Cigars.	4	2	6	
Jan. 25	Ekstrom Lumber Co.	Manistique.	Lumber.	6	1	7	
Jan. 25	Falk, John A.	Manistique.	Hardware.	3		3	
Jan. 25	Ford Service Garage.	Manistique.	Auto repairing.	4		4	
Jan. 24	Gero & Carroll.	Manistique.	Hardware.	4		4	
Jan. 24	Goodwillie Brothers.	Manistique.	Boxes.	187	32	219	6
Jan. 24	Halgren & Peterson.	Manistique.	Harness.	2		2	
Jan. 24	Herald Press, The.	Manistique.	Job printing.	2	1	3	
Jan. 25	Manistique Bakery.	Manistique.	Baked goods.	2	1	3	
Jan. 24	Manistique Candy Kitchen.	Manistique.	Candy.	2	1	3	
Jan. 24	Manistique Cooperage Co.	Manistique.	Barrels.	44	1	45	
Jan. 25	Manistique Garage Co.	Manistique.	Auto repairing.	5		5	
Jan. 24	Manistique Handle Co.	Manistique.	Handles.	34	1	35	3
Jan. 24	Manistique & Lake Superior Ry. Co.	Manistique.	Car repairing.	20		20	
Jan. 24	Manistique Light & Power Co.	Manistique.	Light and power.	8	1	9	
Jan. 24	Manistique Pioneer-Tribune, The.	Manistique.	Printed matter.	3	2	5	
Jan. 24	Manistique Power Laundry.	Manistique.	Laundry.	3	7	10	
Jan. 24	Manistique Pulp & Paper Co.	Manistique.	Paper.	457		457	3
Jan. 25	Manistique Telephone Co.	Manistique.	Telephone service.	5	5	10	
Jan. 24	Northwestern Leather Co.	Manistique.	Leather.	105		105	2
Jan. 25	Olsen, Clara.	Manistique.	Millinery.	4	2	6	
Jan. 25	Peterson, Julius & Son.	Manistique.	Tailoring.	4	1	5	
Jan. 25	Reinwand, C. W.	Manistique.	Tailoring.	2	1	3	
Jan. 25	Ryan Hat Shop.	Manistique.	Millinery.		4	4	
Jan. 25	Sanitary Meat Market.	Manistique.	Meats.	3	1	4	
Jan. 25	Schneider, M. Fuel Co.	Manistique.	Coal and wood.	5		5	
Jan. 25	Scott, Joseph W.	Manistique.	Door frames.	3		3	
Jan. 24	Standard Oil Co.	Manistique.	Oils.	3		3	
Jan. 25	Up-to-Date Meat Market.	Manistique.	Meats.	3		3	
Jan. 24	Vandyck, J. H.	Manistique.	Meats.	6		6	1
Jan. 25	Voisine, Henry & Son.	Manistique.	Blacksmithing.	5		5	
Jan. 24	White Marble Lime Co.	Manistique.	Shingles.	57		57	
Jan. 24	White Marble Lime Co.	Manistique.	Stone and lime.	40	1	41	
Jan. 24	White Marble Lime Co.	Marblehead	Lime and stone.	21		21	
Jan. 26	Chesbrough, A. M.	Thompson.	Lumber.	47		47	
Jan. 26	Chesbrough, A. M.	Thompson.	Forest products.	31		31	
<b>SHIAWASSEE COUNTY.</b>							
Nov. 19	Bancroft Commercial, The.	Bancroft.	Job printing.	1	1	2	
Nov. 19	Bancroft Elevator Co.	Bancroft.	Grain and beans.	2	1	3	
Nov. 19	Bancroft Garage.	Bancroft.	Auto repairing.	2		2	
Nov. 19	Callard Brothers Co.	Bancroft.	Furniture.	5		5	
Nov. 19	Devereaux, W.	Bancroft.	Woodworking.	4		4	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SHIAWASSEE Co.—Con.						
Nov. 19	Hemenway & Conrad	Bancroft	Meats	5		5	
Nov. 19	Mac Laren Imperial Cheese Co.	Bancroft	Cheese	2		2	
Nov. 19	Symes, George E. Co., The	Bancroft	Lumber and coal	2		2	
Nov. 19	Waldie, E. J. & Son	Bancroft	Meats	3		3	
Nov. 16	Farmers' Cooperative Elevator Co., The	Bennington	Grain and beans	2		2	
Nov. 16	Ockerman, M. L.	Bennington	Blacksmithing	2		2	
Nov. 17	Byron Feed Mill	Byron	Feed	2		2	
Nov. 17	Central Elevator Co.	Byron	Grain and beans	2	1	3	
Nov. 17	Downing, Floyd W.	Byron	Provisions	1	1	2	
Nov. 17	Grand Ledge Milk Co.	Byron	Dairy products	2		2	
Nov. 22	Carland Cheese Co., The	Carland	Dairy products	2		2	
Nov. 22	Carland Mercantile Co.	Carland	Coal, implements, etc.	2	1	3	
Nov. 22	Croel, C. A.	Carland	Beans and grain	3		3	
Nov. 22	Head, Lee	Carland	Auto repairing	2		2	
Nov. 21	Biggam Trailer Corporation, The	Corunna	Auto trailers	16	1	17	
Nov. 20	Cash Economy, The	Corunna	Meats	2		2	
Nov. 20	Corunna City Water Works, The	Corunna	Water	1		1	
Nov. 21	Corunna Mill & Elevator Co., The	Corunna	Flour and feed	3		3	
Nov. 20	Corunna News, The	Corunna	Job printing	2		2	
Nov. 20	Corunna Steam Laundry	Corunna	Laundry	1	2	3	
Nov. 20	Dunckley, R. W.	Corunna	Blacksmithing	2		2	
Nov. 20	Elkins, John M. & Co.	Corunna	Auto repairing & plumbing	3	1	4	
Nov. 20	Farmers' Cooperative Elevator Co.	Corunna	Grain and beans	4		4	
Nov. 20	Marshall, H. F.	Corunna	Repairing	1		1	
Nov. 20	United States Robe Co., The	Corunna	Robes	7	16	23	
Nov. 20	Vernon Milling Co.	Corunna	Flour and feed	5		5	
Nov. 21	Durand Auto Co.	Durand	Auto repairing	3		3	
Nov. 21	Durand Creamery Co.	Durand	Dairy products	9	2	11	
Nov. 21	Durand Express, The	Durand	Printed matter	4		4	
Nov. 21	Durand Farmers Elevator Co.	Durand	Beans and grain	3		3	
Nov. 20	Durand Hoop Co., The	Durand	Hoops	38	1	39	
Nov. 21	Durand Lumber Co.	Durand	Lumber	3	1	4	
Nov. 21	Durand Milling Co.	Durand	Flour and feed	2		2	
Nov. 21	Grand Trunk Railway System	Durand	Constructing	20	1	21	
Nov. 21	Grand Trunk Railway System	Durand	Car repairing	57	1	58	1
Nov. 21	Grand Trunk Railway System	Durand	Car repairing	87	2	89	2
Nov. 21	Isbell-Brown Co.	Durand	Grain and beans	4		4	
Nov. 20	Leighton, F. E. Co., The	Durand	Produce	3		3	
Nov. 21	Sachs & Brock	Durand	Baked goods	6	1	7	
Nov. 21	Village of Durand, Light & Water Works, The	Durand	Light and water	5		5	
Nov. 22	Henderson Cheese Co., The	Henderson	Dairy products	3		3	
Nov. 22	Henderson Creamery, The	Henderson	Dairy products	2		2	
Nov. 22	Kirn, E. E.	Henderson	Grain and beans	2	8	10	
Nov. 16	Bailey, C. R. Co., The	Laingsburg	Grain and beans	4	21	25	
Nov. 16	Brya, A. F.	Laingsburg	Hardware	3		3	
Nov. 16	Central Michigan Telephone Co., The	Laingsburg	Telephone service	2	4	6	
Nov. 16	Farmers' Cooperative Elevator Co.	Laingsburg	Grain and beans	4	15	19	
Nov. 16	Laingsburg Garage	Laingsburg	Auto repairing	1		1	
Nov. 16	Laingsburg News, The	Laingsburg	Printed matter	1	1	2	
Nov. 16	Lee, Emil & Co.	Laingsburg	Lumber and coal	2		2	
Nov. 16	Mock, J. G.	Laingsburg	Meats	2		2	
Nov. 16	Piatt & Son	Laingsburg	Flour and feed	4		4	
Nov. 16	Piper, C. N.	Laingsburg	Blacksmithing	3		3	
Nov. 16	Bishop Creameries, The	Morrice	Dairy products	1	1	2	
Nov. 16	Davis, Harry E.	Morrice	Flour and feed	3		3	
Nov. 16	Gates & Blossom	Morrice	Meats	2		2	
Nov. 16	Morrice Grain & Bean Co.	Morrice	Grain and beans	3	26	29	
Nov. 22	Aberle, Fred & Co.	Owosso	Hides and pelts	3		3	
Nov. 22	American Malleables Co.	Owosso	Castings	340	23	363	
Nov. 22	Angello, Mike	Owosso	Shoe repairing	2		2	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 10 years of age.
	SHIA WASKE Co.—Con.						
Nov. 22	Ann Arbor Railroad Co.	Owosso	Freight	9		9	
Nov. 22	Ann Arbor Railroad Co.	Owosso	Car repairing	157	4	161	
Mar. 1	Argus-Press Co., The	Owosso	Printed matter	14	5	19	1
Nov. 22	Armour & Co.	Owosso	Produce	16	20	36	1
Nov. 23	Auto Sales Co., The	Owosso	Auto repairing	6		6	
Nov. 23	Axford, B. L.	Owosso	Coal	3	1	4	
Nov. 23	Axford, Fred T.	Owosso	Meats	3		3	
Nov. 22	Basky Market	Owosso	Meats	3		3	
Nov. 23	Beattie & Ross	Owosso	Painting & decorating	12	1	13	
Nov. 23	Bell, George	Owosso	Baked goods	6	1	7	
Nov. 23	Benson's, Mrs. Millinery Store	Owosso	Millinery		3	3	
Nov. 23	Blair's Sporting Goods Store	Owosso	Sporting goods	2		2	
Nov. 23	Bower & Metzger	Owosso	Meats	2	1	3	
Mar. 3	Campbell, S. M.	Owosso	Cement	6		6	
Nov. 23	Capitan, Harry	Owosso	Confectionery	5		5	
Nov. 23	Carr, E. L.	Owosso	Meats	4	1	5	
Nov. 23	City Auto Tire & Repair Co.	Owosso	Tire repairing	3	1	4	
Nov. 22	City Laundry & Cleaning Works	Owosso	Laundry	5	10	15	
Nov. 22	City Meat Market	Owosso	Meats	3		3	
Nov. 23	Consumers Power Co.	Owosso	Electricity	10	3	13	
Nov. 23	Connor, C. A. Ice Cream Co.	Owosso	Ice cream	4	3	7	
Nov. 24	Corunna Ice Co.	Owosso	Ice	2		2	
Nov. 23	Crowe Implement Co.	Owosso	Implements	3		3	
Nov. 23	Detroit Creamery Co.	Owosso	Dairy products	8	1	9	
Nov. 23	Dudeck, H. A.	Owosso	Blacksmithing	3		3	
Nov. 23	Dutcher, Bert	Owosso	Tailoring	1	1	2	
Mar. 1	Earle's Bakery	Owosso	Baked goods	4		4	1
Nov. 23	Earl, Z. W.	Owosso	Plumbing and heating	2		2	
Nov. 23	Ellis, J. Edwin	Owosso	Stoves	119	3	122	
Nov. 23	Electric Laundry	Owosso	Laundry	3	10	13	
Nov. 23	Elite Hat Shop	Owosso	Millinery		3	3	
Nov. 22	Estey Mfg. Co.	Owosso	Furniture	93	13	106	4
Nov. 23	Evans, John H.	Owosso	Ice cream	1	2	3	
Nov. 22	Field Mfg. Co.	Owosso	Auto bodies	82	4	86	2
Nov. 23	Fricke, Fred	Owosso	Shoe repairing	1		1	
Nov. 23	Frischke, George P.	Owosso	Meats	3		3	
Nov. 23	Gemler, F. J.	Owosso	Tailoring	1	1	2	
Nov. 23	Hadsall, W. G.	Owosso	Sheet metal	3		3	
Nov. 22	Hall, L. C.	Owosso	Grain and beans	3	1	4	
Nov. 23	Hartshorn Auto Co.	Owosso	Auto repairing	5	1	6	
Nov. 23	Hayward, E. F.	Owosso	Painting & decorating	2	2	4	
Mar. 1	Hecht, Joseph	Owosso	Cigars	2	1	3	
Nov. 23	Hollis, A. F.	Owosso	Plumbing	5	1	6	
Nov. 23	Isor Printing Co., The	Owosso	Job printing	2		2	
Nov. 23	Kaiser, Fred	Owosso	Blacksmithing	1		1	
Nov. 23	Kelly, John R.	Owosso	Plumbing	8	1	9	
Nov. 23	Marble Brothers	Owosso	Electrical supplies	4	1	5	
Nov. 23	Martin, George W.	Owosso	Harness	1		1	
Nov. 23	May & Ward	Owosso	Job printing	1		1	
Nov. 23	Michigan State Telephone Co.	Owosso	Telephone service	4	7	11	
Nov. 23	Moulton Dairy Product Co.	Owosso	Dairy products	2	1	3	
Nov. 22	Mulhall-Erb Co.	Owosso	Lumber	6	1	7	
Nov. 23	National Iron & Metal Co.	Owosso	Junk	5		5	
Nov. 23	Newman's Garage	Owosso	Auto repairing	4		4	
Nov. 23	Norris, Albert	Owosso	Tailoring	3		3	
Nov. 23	Orser's Job Printery	Owosso	Job printing	1	2	3	
Mar. 1	Osborn Dry Cleaner	Owosso	Dry cleaning	4		4	
Nov. 22	Overland Sales Co.	Owosso	Auto repairing	5		5	
Nov. 23	Owosso Argus-Press, The	Owosso	Printed matter	17	6	23	1
Nov. 22	Owosso Baking Co.	Owosso	Baked goods	6	2	8	2

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SHIAWASSEE Co.—Con.						
Nov. 22	Owosso Boiler Works.	Owosso	Boilers	31	1	32	
Nov. 22	Owosso Casket Co.	Owosso	Caskets	119	29	148	3
Nov. 27	Owosso Cast Stone Block Co.	Owosso	Cement blocks	2		2	
Nov. 23	Owosso Dry Cleaning Works	Owosso	Dry cleaning	3		3	
Nov. 23	Owosso Floral Co.	Owosso	Flowers	1	1	2	
Nov. 23	Owosso Fruit Co.	Owosso	Fruit	3		3	
Nov. 23	Owosso Gas Light Co.	Owosso	Gas	11		11	
Nov. 27	Owosso Ice & Fuel Co.	Owosso	Ice and fuel	11		11	
Nov. 22	Owosso Mfg. Co.	Owosso	Woodworking	173	54	227	3
Nov. 22	Owosso Milling Co.	Owosso	Flour and feed	5	1	6	
Nov. 22	Owosso Planing Mill	Owosso	Lumber	3	1	4	
Dec. 7	Owosso Sugar Co.	Owosso	Sugar	61		61	
Nov. 27	Owosso Truck Co.	Owosso	Trucks	4	1	5	
Nov. 23	Owosso Upholstering & Repair Co.	Owosso	Upholstering	1		1	
Nov. 23	Owosso Water Works	Owosso	Water	7		7	
Nov. 23	Palace of Sweets.	Owosso	Candy	3	1	4	
Mar. 1	Palmer, Albert E. & Sons	Owosso	Clamps	9		9	
Nov. 22	Parker Monument Co.	Owosso	Monuments	5	1	6	
Nov. 23	Payne, W. E.	Owosso	Implements	3	1	4	
Nov. 23	Phillips Brothers.	Owosso	Implements	3	1	4	
Nov. 23	Phillips & Taylor	Owosso	Auto transfer	11		11	
Mar. 3	Ploch, Henry	Owosso	Baked goods	2		2	
Nov. 23	Pollock, Charles E.	Owosso	Cigars	1		1	
Nov. 23	Preston, George	Owosso	Blacksmithing	3		3	
Nov. 23	Reuss, C.	Owosso	Millinery		4	4	
Nov. 22	Robbins Table Co.	Owosso	Tables	46	12	58	1
Mar. 1	Robinson, William V.	Owosso	Polishers	2		2	
Nov. 23	Rundell Brothers	Owosso	Dairy products	4	1	5	
Nov. 23	Shields, L. E.	Owosso	Dairy products	3		3	
Nov. 23	Siess, Paul & Co.	Owosso	Cigars	10	3	13	
Nov. 23	Smith, Fred.	Owosso	Upholstering	1		1	
Mar. 1	Standard Machinery Co., The	Owosso	Machinery	39	1	40	
Nov. 22	Sturtevant & Blood	Owosso	Lumber, coal and wood	6	1	7	
Nov. 24	Sunnyside Greenhouses	Owosso	Flowers	3	1	4	
Nov. 23	Sutfin, F. E.	Owosso	Carriages	5		5	
Nov. 23	Tannehill's Bakery.	Owosso	Baked goods	1	3	4	
Nov. 23	Times Printing Co., The	Owosso	Printed matter	4		4	
Nov. 22	Todd, Albert Co., The	Owosso	Hay	9	1	10	
Nov. 23	Townsend-Fulmer Co.	Owosso	Electrical supplies	3	1	4	
Nov. 24	Union Mattress Co.	Owosso	Mattresses	1	2	3	
Nov. 23	Union Telephone Co., The	Owosso	Telephone service	31	34	65	
Nov. 23	Van Sice, W. H.	Owosso	Beans, grain and coal	8	16	24	
Nov. 23	Ward, Arthur Co., The	Owosso	Sheet metal	8		8	
Nov. 22	Watson's Machine Shop	Owosso	Machine repairing	1		1	
Nov. 22	Welch, Fred.	Owosso	Grain and beans	6	2	8	
Nov. 23	West Side Garage	Owosso	Auto repairing	3		3	
Nov. 23	White Bakery, The	Owosso	Baked goods	2	1	3	
Nov. 23	Whitely, B. F.	Owosso	Tailoring	2	1	3	
Nov. 22	Wood, M. & Co.	Owosso	Handles	18		18	
Nov. 22	Woodard Furniture Co.	Owosso	Furniture	169	1	170	
Nov. 23	Wright, C. C.	Owosso	Flour and feed	4	1	5	
Nov. 23	Young-Randolph Seed Co.	Owosso	Seed and grain	5	3	8	
Nov. 22	Zimmerman, J. N.	Owosso	Handles	12	5	17	3
Nov. 23	Zimmerman, M.	Owosso	Blacksmithing	2		2	
Nov. 15	Bert's Garage	Perry	Auto repairing	2		2	
Nov. 15	Castaline, Ford	Perry	Blacksmithing	1		1	
Nov. 15	Halpin Creameries, The	Perry	Dairy products	2		2	
Nov. 15	Motor Inn, The	Perry	Auto repairing	3		3	
Nov. 15	Perry Glove & Mitten Co.	Perry	Gloves and mittens	17	52	69	



Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>SHAWASSEE Co.—Con.</b>							
Nov. 15	Perry Journal & Morrice News-Clipper The	Perry	Job printing	1		1	
Nov. 15	Perry Lumber & Coal Co.	Perry	Lumber and coal	3		3	
Nov. 15	Starks, H. Co., The	Perry	Grain and beans	4	44	48	
Nov. 20	Ferguson, U. P.	Vernon	Implements	2		2	
Nov. 20	Kear, A. W. & Son	Vernon	Auto repairing	1		1	
Nov. 20	Michigan Milling Co.	Vernon	Grain and beans	2		2	
Nov. 16	Consumers Power Co.	Shaftsburg	Electricity	3		3	
Nov. 11	Stockbridge Elevator Co.	Shaftsburg	Grain and beans	2	10	12	
<b>TUSCOLA COUNTY.</b>							
Aug. 16	Akron Leader, The	Akron	Printed matter	1		1	
Aug. 16	Brandt, August	Akron	Blacksmithing	2		2	
Aug. 16	Carpenter & Forbes	Akron	Lumber	2		2	
Aug. 16	Hess Elevator Co.	Akron	Grain and beans	4	11	15	
Aug. 16	Stroud, Oliver	Akron	Meats	2		2	
Sept. 12	Bechtel, W. H.	Caro	Baked goods	4	2	6	
Sept. 3	Caro Farmers' Cooperative Elevator Co.	Caro	Grain and beans	7	20	27	
Sept. 4	Caro Light & Power Co.	Caro	Light and power	5		5	
Aug. 24	Caro Marble & Granite Works	Caro	Monuments	3		3	
Sept. 3	Caro Motor Sales Co.	Caro	Auto repairing	8		8	
Aug. 24	Caro Vulcanizing Co.	Caro	Auto repairing	2		2	1
Sept. 4	Caro Water Works Co.	Caro	Water	4		4	
Aug. 23	Cummings & McPherson	Caro	Monuments	3		3	
Aug. 24	Cummins Bros. Lumber Co.	Caro	Lumber	2		2	
Aug. 27	Forbes, W. A. Co.	Caro	Lumber	5		5	
Sept. 3	Fournier, Joseph	Caro	Feed and shingles	4		4	
Sept. 4	Jones & Humm Auto Co.	Caro	Auto repairing	3		3	
Aug. 23	Kinde, Wm.	Caro	Meats	7	1	8	1
Sept. 3	Lawrence, R. E.	Caro	Repairing	3		3	
Sept. 4	Lloyd, R. B.	Caro	Blacksmithing	3		3	
Sept. 3	McKinley, David	Caro	Plumbing	5		5	
Aug. 23	Malsbury & Worthington	Caro	Repairing	5		5	
Sept. 3	Michigan Salt Pickle Supply Co.	Caro	Pickles	3		3	
Sept. 10	Michigan Sugar Co.	Caro	Sugar	199	3	202	
Sept. 4	Miller Auto Top Co.	Caro	Auto tops	23	2	25	
Sept. 1	Miller, George F.	Caro	Repairing	3		3	
Aug. 27	Moore Telephone System	Caro	Telephone service	8		8	
Sept. 4	Myers, H. S. & Co.	Caro	Auto repairing	5		5	
Sept. 12	Park, Robert	Caro	Produce	4		4	
Sept. 1	Pierce, C. M. & Son	Caro	Meats	5	1	6	1
Sept. 4	Ransford's Laundry	Caro	Laundry	3	3	6	
Aug. 27	Robbins, James	Caro	Auto repairing	2		2	
Aug. 27	Shurlov Bros.	Caro	Farm products	3		3	
Aug. 27	Simpson, Oscar J.	Caro	Blacksmithing	4		4	
Aug. 27	Thumb Creamery Co.	Caro	Dairy products	3	1	4	
Sept. 10	Tuscola County Advertiser	Caro	Printed matter	5	3	8	
Sept. 4	Tuscola County Courier	Caro	Printed matter	4	3	7	
Sept. 3	Tuscola Elevator Co.	Caro	Grain and beans	6	31	37	
Aug. 22	Farm Produce Co., The	Cass City	Produce and wool	5	20	25	
Aug. 22	Hires Condensed Milk Co.	Cass City	Condensed milk	22		22	
Aug. 22	Libby, McNeill & Libby	Cass City	Pickles	2		2	
Aug. 22	Municipal Light & Water Works	Cass City	Light and water	3	1	4	
Aug. 18	Cass City Grain Co.	Deford	Produce	2	21	23	
Aug. 18	Gage, J. B.	Deford	Blacksmithing	2		2	
Aug. 18	Roberts, Geo.	Deford	Machine repairing	2		2	
Aug. 14	Barriger, H. S.	Fairgrove	Blacksmithing, etc.	2		2	
Aug. 14	Bliss Lighting Co.	Fairgrove	Light	1		1	
Aug. 14	Fairgrove Enterprise, The	Fairgrove	Printed matter	2	1	3	
Aug. 14	Lynn, H. C.	Fairgrove	Meats	2	1	3	
Aug. 14	Morgan, O.	Fairgrove	Blacksmithing	1		1	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	TUSCOLA Co.—Con.						
Aug. 14	Richardson, F. H. & Co.	Fairgrove	Grain and lumber	2	31	33	
Sept. 7	Fostoria Creamery Co.	Fostoria	Butter	2		2	
Sept. 7	Manchester, C. A.	Fostoria	Hay and produce	3		3	
Sept. 7	Robertson, E. C. & Son	Fostoria	Grain and lumber	6	10	16	
Sept. 7	Siles Elevator Co.	Fostoria	Grain	3		3	
Sept. 7	Stipe, William	Fostoria	Blacksmithing	2		2	
Sept. 7	Tompkins, J. J.	Fostoria	Meats	2		2	
Aug. 10	Gagetown Grain Co.	Gagetown	Grain and wool	5	21	26	
Aug. 10	Gagetown Roller Mills	Gagetown	Flour and feed	2		2	
Aug. 10	Purdy, James L.	Gagetown	Lumber	1		1	
Aug. 10	Warner Dairy Co.	Gagetown	Cheese	1		1	
Aug. 14	Wilson, James	Gilford	Blacksmithing	2		2	
Sept. 5	Boomer, J. W.	Kingston	Auto repairing	2		2	
Sept. 5	Colston, John A.	Kingston	Blacksmithing	2		2	
Sept. 5	Fox, Richard	Kingston	Repairing	2		2	
Sept. 5	Kingston Butter Co.	Kingston	Butter	2	1	3	
Sept. 5	Kingston Enterprise, The	Kingston	Printed matter	1	1	2	
Sept. 5	Kingston Grain Co.	Kingston	Coal, grain and beans	2	16	18	
Sept. 5	Kingston Light & Water Works	Kingston	Light and water	4		4	
Sept. 5	Legg, Leo A.	Kingston	Repairing	2		2	
Sept. 5	Legg & Moore	Kingston	Meats	3		3	
Sept. 5	Peter, Albert	Kingston	Lumber	2		2	
Sept. 5	Young, J. W.	Kingston	Feed	2		2	
Sept. 5	Cartwright, J. F. & Sons	Mayville	Dairy products	3		3	
Sept. 5	Fremont Grain & Produce Co.	Mayville	Grain and beans	2	16	18	
Sept. 6	Galliver, Chas.	Mayville	Auto accessories	2		2	
Sept. 6	Heins, H. J. Co.	Mayville	Pickles	3		3	
Sept. 6	Hollenbeck, A. E.	Mayville	Grain and produce	2		2	
Sept. 6	Home Bakery, The	Mayville	Baked goods	2	2	4	1
Sept. 6	Johnson, W. J.	Mayville	Castings	2		2	
Sept. 6	Mayville Creamery Co.	Mayville	Dairy products	2		2	1
Sept. 6	Mayville Milling Co.	Mayville	Flour and feed	3	10	13	
Sept. 6	Mayville Monitor, The	Mayville	Printed matter	2	1	3	
Sept. 6	Mayville Municipal Lighting Plant	Mayville	Light and water	2		2	
Sept. 6	Webster, R.	Mayville	Meats	2		2	
Aug. 15	Egle, Geo.	Millington	Blacksmithing	1		1	
Aug. 15	Millington Milling Co., The	Millington	Flour and feed	3		3	
Aug. 15	Millington Water Works	Millington	Water	1		1	
Aug. 15	Millington Grain Co.	Millington	Grain and produce	2	10	12	
Aug. 15	Mutton, C. A., Lumber Co.	Millington	Lumber	1		1	
Aug. 15	Schroeder, H. F.	Millington	Repairing	2		2	
Aug. 15	Sioux City Seed & Nursery Co.	Millington	Beans and peas	4	29	33	
Aug. 13	Massoll, Wm.	Reese	Auto repairing	2		2	
Aug. 14	Pardie, L.	Reese	Staves and headings	5	2	7	
Aug. 13	Reese Cooperative Butter & Cheese Co.	Reese	Butter and cheese	2		2	
Aug. 13	Reese Elevator & Milling Co.	Reese	Coal, grain, etc.	2	16	18	
Aug. 13	Reese Review, The	Reese	Printing	2		2	
Aug. 13	Rummell, Albert	Reese	Plumbing	2		2	
Aug. 13	Schemm, George	Reese	Auto repairing	5		5	
Aug. 13	Webber, Walter J.	Reese	Hay and beans	2		2	
Aug. 11	Jordan, John	Richville	Blacksmithing	2		2	
Aug. 11	Ortner, J. L.	Richville	Grain and beans	2	6	8	
Aug. 11	Richville Cheese & Butter Co.	Richville	Dairy products	2		2	
Aug. 11	Schluckebier, Peter Carl	Richville	Lumber	1		1	
Aug. 11	Schults, E. C.	Richville	Meats	2		2	
Aug. 17	Korte, Geo. E.	Unionville	Meats	2		2	1
Aug. 17	Unionville Creamery Co.	Unionville	Butter	3		3	1
Aug. 17	Unionville Crescent, The	Unionville	Printed matter	1	2	3	
Aug. 17	Unionville Lumber Co.	Unionville	Lumber	6		6	
Aug. 17	Unionville Milling Co.	Unionville	Grain and beans	2	21	23	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>TUSCOLA Co.—Con.</b>							
Aug. 21	Giddings, D. L.	Vassar.	Repairing.	1		1	
Aug. 20	Grant, William.	Vassar.	Furs and mountings.	4		4	
Aug. 20	Halpin Creameries, The.	Vassar.	Dairy products.	14	3	17	
Aug. 21	Hammat & Shoop.	Vassar.	Repairing.	2		2	
Aug. 21	Heins, H. J. Co.	Vassar.	Pickles.	5		5	1
Aug. 20	Hodges, W. G.	Vassar.	Meats.	2	1	3	
Aug. 20	Miller Grain Co., The.	Vassar.	Lumber and grain.	9	21	30	
Aug. 20	Purcell, W. D.	Vassar.	Meats and groceries.	2		2	
Aug. 20	Park, Ransom S.	Vassar.	Granite and marble.	1		1	
Aug. 21	Reliance Milling Co.	Vassar.	Grain and beans.	4	21	25	
Aug. 21	Shurlov Bros.	Vassar.	Poultry.	1		1	
Aug. 20	Stage, F. F.	Vassar.	Cigars.	3		3	
Aug. 21	Truax, G. L.	Vassar.	Blacksmithing.	3		3	
Aug. 20	Vassar Electric Light & Water Works.	Vassar.	Light and water.	5		5	
Aug. 20	Vassar Farmers' Elevator Co.	Vassar.	Grain and beans.	4	16	20	
Aug. 20	Vassar Pioneer-Times.	Vassar.	Printed matter.	2	1	3	
Aug. 21	Vassar Stamping Works.	Vassar.	Stamping works.	9		9	
Sept. 5	Hartt & Huffman.	Wilmot.	Meats, etc.	1	1	2	
Sept. 5	Libby, McNeill & Libby.	Wilmot.	Pickles.	2	1	3	
Sept. 5	McCartney, John M.	Wilmot.	Blacksmithing.	2		2	
<b>VAN BUREN COUNTY.</b>							
Oct. 15	Ackley & Sherrod.	Bangor.	Lumber.	3	1	4	
Oct. 15	Bangor Advance, The.	Bangor.	Printing.	2	2	4	
Oct. 16	Bangor Canning Co.	Bangor.	Canned goods.	24	89	113	
Oct. 16	Bangor Creamery, The.	Bangor.	Dairy products.	2		2	
Oct. 16	Bangor Elevator & Supply Co.	Bangor.	Grain and implements.	3	1	4	
Oct. 16	Bangor Fruit Growers' Exchange.	Bangor.	Fruits.	10	5	15	
Oct. 16	Bangor Garage, The.	Bangor.	Auto repairing.	5		5	
Nov. 3	Bangor United Telephone Co.	Bangor.	Telephone service.	2	2	4	
Oct. 16	Barrett & Barrett.	Bangor.	Vinegar.	5		5	
Oct. 16	Broadwell, W. M.	Bangor.	Lumber.	7	1	8	
Oct. 16	Brown, James M.	Bangor.	Merchant tailoring.	1		1	
Oct. 16	Buyce, R. A.	Bangor.	Fruits and produce.	3		3	
Oct. 15	Decker, Ola.	Bangor.	Millinery.		2	2	
Oct. 16	Ford Garage.	Bangor.	Auto repairing.	4		4	
Oct. 16	Frestone Pickle Co., The.	Bangor.	Pickles.	13	1	14	
Oct. 15	Martindale, S. & Son.	Bangor.	Flour, feed and coal.	1		1	
Oct. 16	Municipal Light & Water Works.	Bangor.	Light and water.	4		4	
Oct. 15	Overton, Frank.	Bangor.	Coal.	1		1	
Oct. 16	Purity Bakery.	Bangor.	Baked goods.	2		2	
Oct. 16	Thomas, Roy.	Bangor.	Meats.	2		2	
Oct. 16	Trim, M. D. Co.	Bangor.	Flour and feed.	4	1	5	
Nov. 3	Van Buren County Telephone Co.	Bangor.	Telephone service.	1	4	5	
Oct. 15	Wolverine Barrel Co.	Bangor.	Barrels.	8		8	
Oct. 24	Breedsville Roller Mills.	Breedsville.	Flour and feed.	1		1	
Oct. 30	Bloomingtondale Granite Co.	Bloomingtondale.	Monuments.	4		4	
Oct. 30	Bloomingtondale Leader.	Bloomingtondale.	Printing.	1	1	2	
Oct. 30	Bloomingtondale Lumber Co.	Bloomingtondale.	Lumber and coal.	3		3	
Oct. 30	Bloomingtondale Milling Co.	Bloomingtondale.	Flour and feed.	4		4	
Oct. 30	Bloomingtondale Telephone Co.	Bloomingtondale.	Telephone service.	2	2	4	
Oct. 30	Scamehorn Bros. Garage.	Bloomingtondale.	Auto repairing.	3		3	
Oct. 30	Walker Creamery Co.	Bloomingtondale.	Dairy products.	4	1	5	
Oct. 17	Covert Creamery Co.	Covert.	Dairy products.	1		1	
Oct. 17	Shattuck, Karl.	Covert.	Auto repairing.	1		1	
Oct. 17	Spelman, J. R. & Co.	Covert.	Flour, feed, etc.	13	3	16	
Nov. 5	Cass County Home Telephone Co.	Decatur.	Telephone service.	1	2	3	
Nov. 5	Decatur Creamery Co., The.	Decatur.	Dairy products.	1		1	
Nov. 5	Decatur Hoop & Lumber Co., The.	Decatur.	Lumber.	11		11	
Nov. 5	Decatur Light & Water Works.	Decatur.	Light and water.	3		3	
Nov. 5	Decatur Republican, The.	Decatur.	Printing.	2		2	
Nov. 5	Hinkley, M.	Decatur.	Celery boxes.	13	1	14	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
VAN BUREN CO.—Con.							
Nov. 5	Hirst, J. G.	Decatur	Lumber and coal	4		4	
Nov. 5	Home Bakery, The	Decatur	Baked goods	2	1	3	
Nov. 5	McAdams, F. D.	Decatur	Feed	3		3	
Nov. 5	Roberts, O. A.	Decatur	Meats	2		2	
Nov. 5	Schpok, Sol.	Decatur	Produce	11	1	12	
Nov. 5	Van Buren County Telephone Co.	Decatur	Telephone service		3	3	
Nov. 5	Woolfe Auto Co., The	Decatur	Auto repairing	2		2	
Oct. 29	Bradshaw, O. W.	Gobleville	Meats	2		2	
Oct. 29	Clement, J. L. & Sons	Gobleville	Lumber	10		10	
Oct. 29	Gobleville Farmers Cooperative Assn.	Gobleville	Feed	1		1	
Oct. 29	Gobleville Creamery Co., The	Gobleville	Dairy products	3	1	4	
Oct. 30	Gobleville Farmers' Mutual Telephone Co.	Gobleville	Telephone service	2	2	4	
Oct. 29	Gobleville Garage	Gobleville	Auto repairing	2		2	
Oct. 29	Gobleville Marble & Granite Works	Gobleville	Monuments	3		3	
Oct. 29	Gobleville News, The	Gobleville	Printing	2		2	
Oct. 30	Gobleville Water Works	Gobleville	Water	1		1	
Oct. 29	Leeder, John	Gobleville	Produce and coal	4		4	
Oct. 29	Newman & Bingham	Gobleville	Feed	1		1	
Oct. 25	North Haven Preserving Co.	Gobleville	Canned goods	9	10	19	
Oct. 24	Davis, L. F.	Grand Junction	Coal, feed, etc.	3		3	
Oct. 24	Anderson Bros	Hartford	Light and power	3		3	
Oct. 23	Carpp, S. M. Canning Co.	Hartford	Canned goods	15	21	36	
Oct. 23	Clark, W. J.	Hartford	Meats	2		2	
Oct. 23	Dunbar, W. H.	Hartford	Meats	2	1	3	
Oct. 23	East End Garage, The	Hartford	Auto repairing	2		2	
Oct. 23	Fitch, Maye & Co.	Hartford	Millinery		1	1	
Oct. 23	Gifford, Guy	Hartford	Fruit packages	9		9	
Oct. 24	Hartford City Water Works	Hartford	Water	1		1	
Oct. 23	Hartford Creamery	Hartford	Dairy products	2		2	
Oct. 23	Hartford Day Spring, The	Hartford	Printing	2	1	3	
Oct. 16	Hartford Fruit Growers' & Farmers' Exchange	Hartford	Fruits	20	17	37	
Oct. 23	Hartford Gleaners' Cooperative Elevator Co.	Hartford	Grain and produce	2		2	
Oct. 23	Hartford Lumber Co.	Hartford	Lumber, etc.	2		2	
Oct. 27	Hartford Mfg. Co.	Hartford	Novelties	3		3	
Oct. 23	High & Thompson	Hartford	Grain and coal	2		2	
Oct. 16	Keeny & Walker	Hartford	Flour and feed	2		2	
Oct. 23	Leach, Clare Garage	Hartford	Auto repairing	3	1	4	
Oct. 23	Schultz, G. E.	Hartford	General repairing	2		2	
Oct. 24	Smith, E. R.	Hartford	Lumber	2		2	
Oct. 23	Smith, O. M.	Hartford	Cider	8		8	
Oct. 17	Traver, Wm. M.	Hartford	Canned goods	15	37	52	
Oct. 23	Van Buren County Telephone Co.	Hartford	Telephone service	1	4	5	
Oct. 11	Walker, L. P.	Hartford	Lumber	8		8	
Oct. 16	Walker, L. P.	Hartford	Barrel headings	10		10	
Oct. 16	Walker, L. P.	Hartford	Barrels	4		4	
Oct. 23	Wheaton Bakery	Hartford	Baked goods	2	1	3	
Oct. 25	Lacota Cider, Vinegar & Pickle Co.	Lacota	Cider, vinegar & pickles	7	2	9	
Nov. 2	Lawrence Creamery Co.	Lawrence	Dairy products	2		2	
Nov. 2	Lawrence Elevator Co.	Lawrence	Produce and coal	3		3	
Nov. 2	Lawrence United Telephone Co.	Lawrence	Telephone service	2	2	4	
Nov. 2	Lawrence Roller Mills	Lawrence	Flour and feed	3		3	
Nov. 2	Lawrence Times, The	Lawrence	Printing	2	1	3	
Nov. 2	Welcher, H. A.	Lawrence	Auto repairing	4		4	
Nov. 1	Beam, E. & Son	Lawton	Flour and feed	4		4	
Nov. 1	Hungerford, J. Smith Grape Juice Co.	Lawton	Grape juice	53	5	58	
Nov. 1	Lambert & Co.	Lawton	Lumber and coal	2		2	
Nov. 1	Lawton Auto Sales Co.	Lawton	Auto repairing	2		2	
Nov. 1	Lawton Leader, The	Lawton	Printing	2		2	
Nov. 1	Lawton Light & Water Works	Lawton	Light and water	2		2	
Nov. 1	Packer & Giddings	Lawton	Auto repairing	5	1	6	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>VAN BUREN CO.—Con.</b>							
Nov. 3	Armour & Co.	Mattawan	Grape juice	78	2	80	
Oct. 30	Todd, A. M. Co.	Mentha	Oils	68	1	69	
Nov. 2	Briggs & Co.	Paw Paw	Flour and feed	3		3	
Nov. 2	De Luxe Garage	Paw Paw	Auto repairing	2		2	
Nov. 1	Dunbar, H. J.	Paw Paw	Plumbing	3		3	
Nov. 8	Engel Baking Co.	Paw Paw	Baked goods	4	2	6	
Oct. 31	Free & Mutchler Lumber Co.	Paw Paw	Lumber and coal	9		9	
Oct. 31	Free Press & Courier	Paw Paw	Printing	2		2	
Nov. 1	Griffith, L. E.	Paw Paw	Cigars	2		2	
Oct. 31	Kalamazoo, Lake Shore & Chicago Ry. Co.	Paw Paw	Repairing	13		13	
Nov. 1	Model Bakery, The	Paw Paw	Meats	2		2	
Nov. 2	Paw Paw Creamery	Paw Paw	Dairy products	2		2	
Nov. 2	Paw Paw Garage	Paw Paw	Auto repairing	3		3	
Oct. 31	Paw Paw Grape Juice Co., Ltd.	Paw Paw	Grape juice	14	1	15	
Oct. 31	Paw Paw Light & Power Co.	Paw Paw	Light	3		3	
Oct. 31	Paw Paw Monumental Works	Paw Paw	Monuments	2		2	
Nov. 1	Paw Paw Roller Mills	Paw Paw	Flour and feed	2		2	
Oct. 31	Paw Paw Water Works	Paw Paw	Water	2		2	
Nov. 1	True Northerner, The	Paw Paw	Printing	3	1	4	
Nov. 3	Van Buren County Telephone Co.	Paw Paw	Telephone service	1	6	7	
Nov. 1	Warner, W. J.	Paw Paw	Meats	5		5	
Oct. 26	Barrett & Barrett	South Haven	Cider and pickles	4		4	
Oct. 26	Board of Public Works	South Haven	Light and water	12	1	13	
Oct. 26	Brown, F. H. & Co.	South Haven	Cigars	5		5	
Oct. 26	Burge & Burge	South Haven	Baked goods	4	1	5	
Oct. 25	Cable-Nelson Piano Co.	South Haven	Pianos	213	1	214	4
Oct. 25	Casavant Bros.	South Haven	Pipe organs	27	4	31	
Oct. 26	Durkee, John E.	South Haven	Baked goods	6		6	
Oct. 26	Ford Service Station	South Haven	Auto repairing	6	1	7	
Oct. 26	Funk & Merrifield	South Haven	Fuel and feed	3		3	
Oct. 26	Griffin, H. M.	South Haven	Auto repairing	3		3	
Oct. 26	Henry, Frank J.	South Haven	Baked goods	1	1	2	
Oct. 25	Ingraham Sanitary Milk Co.	South Haven	Dairy products	2		2	
Oct. 26	Klock & Sherwood	South Haven	Cigars	3		3	
Oct. 26	Krause, Roy	South Haven	Cigars	1	1	2	
Oct. 26	Mapes, E. B.	South Haven	Machine repairing	1		1	
Oct. 25	Marshall Castings Co.	South Haven	Castings	103		103	
Oct. 26	Miller, John C.	South Haven	Plumbing	2		2	
Oct. 26	Mitchell Bros.	South Haven	Meats	4		4	
Oct. 24	Niffenegger Bros.	South Haven	Meats	6	1	7	
Oct. 26	Niffenegger, J.	South Haven	Coal and ice	8	1	9	
Oct. 26	Noud, John F. Co.	South Haven	Lumber and coal	5	1	6	
Oct. 24	Overton, S. E. Co.	South Haven	Wood specialties	84	2	86	6
Oct. 26	Pekie & Hemenway	South Haven	Printing	2		2	
Oct. 25	Pierce-Williams Co., The	South Haven	Fruit packages	53	15	68	
Oct. 25	South Haven Chemical Co., The	South Haven	Chemicals	10		10	
Oct. 26	South Haven Creamery Co.	South Haven	Dairy products	3		3	
Oct. 26	South Haven Gas Co.	South Haven	Gas	6	1	7	
Oct. 26	South Haven Laundry Co.	South Haven	Laundry	6	21	27	
Oct. 25	South Haven Preserving Co.	South Haven	Canned goods	27	33	60	
Oct. 25	Stephens, J. S.	South Haven	Barrels	5		5	
Oct. 26	Tribune Co., The	South Haven	Printing	4	3	7	
Oct. 24	Van Buren County Telephone Co.	South Haven	Telephone service	4	12	16	
Oct. 28	Winkel & Son	South Haven	Lumber	2		2	
<b>WASHTENAW COUNTY.</b>							
Aug. 17	Anderson's Bon Ton Cash Market	Ann Arbor	Meats	2		2	
Aug. 23	Andres, S. C.	Ann Arbor	Plumbing	11		11	
Sept. 1	Ann Arbor Abattoir Co.	Ann Arbor	Meats	4		4	
Sept. 14	Ann Arbor Battery Shop	Ann Arbor	Repairing batteries	2		2	
Aug. 10	Ann Arbor Creamery	Ann Arbor	Dairy products	4		4	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WASHTENAW Co.—Con.						
Aug. 14	Ann Arbor Fish Market.	Ann Arbor.	Fish.	4		4	
Sept. 5	Ann Arbor Fluff Rug Co.	Ann Arbor.	Rugs.	6	1	7	
Aug. 30	Ann-a Fuel Co.	Ann Arbor.	Coal.	2		3	
Aug. 14	Ann Arbor Garage.	Ann Arbor.	Auto repairing and sales.	15		15	
Aug. 17	Ann Arbor Home Bakery.	Ann Arbor.	Baked goods.	13	1	14	
Aug. 24	Ann Arbor Machine Co.	Ann Arbor.	Hay presses and silos.	114	1	115	
Sept. 7	Ann Arbor Press, The.	Ann Arbor.	Printing.	19	8	27	1
Aug. 24	Ann Arbor Scrap Iron & Metal Co.	Ann Arbor.	Metal goods.	56		56	2
Aug. 10	Ann Arbor Steam Dye Works.	Ann Arbor.	Cleaning and dyeing.	3	3	6	
Aug. 9	Ann Arbor Taxi & Transfer Co.	Ann Arbor.	Taxi service.	7	1	8	1
Aug. 31	Ann Arbor Taxicab & Transfer Co.	Ann Arbor.	Taxi and transfer.	16	1	17	
Aug. 24	Ann Arbor Water Works Dept.	Ann Arbor.	Water.	23	1	24	
Aug. 8	Armbruster, Walter W.	Ann Arbor.	Shoe repairing.	2		2	
Aug. 15	Artificial Ice Co.	Ann Arbor.	Ice and coal.	21	1	22	
Aug. 9	Athens Press, The.	Ann Arbor.	Job printing.	1	1	2	
Aug. 8	Buell, Mrs. A.	Ann Arbor.	Millinery.		4	4	
Sept. 1	Buick Service Station.	Ann Arbor.	Auto repairing.	8	1	9	
Aug. 8	Cadillac Garage.	Ann Arbor.	Auto repairing.	5		5	
Aug. 8	Central Market, The.	Ann Arbor.	Meats.	3		3	
July 27	Century Market.	Ann Arbor.	Meats.	2		2	
Aug. 14	Chevrolet Garage.	Ann Arbor.	Auto repairing.	5		5	
Aug. 23	City Bakery, The.	Ann Arbor.	Baked goods.	10	4	14	
July 27	City Dry Cleaner Co.	Ann Arbor.	Cleaning and pressing.	1		1	
Aug. 23	City Laundry.	Ann Arbor.	Laundry.	2	3	5	
Sept. 6	Cornell, C. W.	Ann Arbor.	Blacksmithing.	3		3	
Aug. 24	Cornwell, Frank I.	Ann Arbor.	Coal.	6	1	7	
Sept. 1	Detroit Edison Co., The.	Ann Arbor.	Power.	13	8	21	
Sept. 1	Detroit Edison Co., The.	Ann Arbor.	Power.	31		31	
Aug. 24	Economy Baler Co.	Ann Arbor.	Paper balers.	78	3	81	
Aug. 8	Eitung, Geo. J.	Ann Arbor.	Furnaces, etc.	2	1	3	
Aug. 24	Elwell Trolley Supply Co.	Ann Arbor.	Brass goods.	9		9	
Aug. 23	Eschelbach, Jacob.	Ann Arbor.	Meats.	3		3	
Sept. 7	Finkbeiner, Michael F.	Ann Arbor.	Blacksmithing.	1		1	
July 27	Gfell & Langworthy.	Ann Arbor.	Meats.	3	1	4	
Aug. 31	Gill, C. W. Lumber Co.	Ann Arbor.	Lumber.	4		4	
Aug. 23	Godfrey, C. E.	Ann Arbor.	Storage and cartage.	23		23	
Sept. 7	Gols & Basom.	Ann Arbor.	Monuments.	3		3	
Sept. 6	Hammond Beef Co.	Ann Arbor.	Meats.	6	1	7	
Aug. 31	Heck, C. H. & Son.	Ann Arbor.	Coal, coke and wood.	3		3	
Sept. 1	Hiscock, E. D. & Son.	Ann Arbor.	Coal.	3	1	4	
Aug. 23	Hochrein & Co.	Ann Arbor.	Plumbing.	5		5	
Aug. 10	Hoelyh & Feldkamp.	Ann Arbor.	Meats.	4	1	5	
Aug. 23	Home Laundry.	Ann Arbor.	Laundry.	2	4	6	
Aug. 15	Hoover Steel Ball Co.	Ann Arbor.	Steel balls.	750	144	894	
July 28	Hutzel & Co.	Ann Arbor.	Plumbing.	11	1	12	
Aug. 10	Kay, E. N.	Ann Arbor.	Shoe repairing.	2		2	
Aug. 15	King Trailer Co.	Ann Arbor.	Trailers.	13	2	15	
Aug. 9	Kollauf, J. M.	Ann Arbor.	Custom clothing.	1		1	
Aug. 23	Lindemann, Wm.	Ann Arbor.	Meats.	4	1	5	1
Aug. 16	Livernois, J. J.	Ann Arbor.	Meats.	7	1	8	2
Aug. 23	Luick Bros. & Co.	Ann Arbor.	Lumber.	23		23	2
Aug. 23	Machine Specialty Co., The.	Ann Arbor.	Machinery.	9		9	1
Aug. 25	Michigan Furniture Co.	Ann Arbor.	Furniture.	56		56	2
Sept. 1	Michigan Milling Co.	Ann Arbor.	Flour and feed.	9	1	10	
Aug. 25	Michigan Milling Co.	Ann Arbor.	Flour and feed.	14	3	17	
Sept. 8	Michigan State Telephone Co.	Ann Arbor.	Telephone service.	17	80	97	2
Aug. 8	Michigan Tire & Supply Co.	Ann Arbor.	Tire repairing.	4	1	5	1
Aug. 25	Michigan Union Brewing Co.	Ann Arbor.	Beer.	14		14	
Aug. 31	Millard, Sid. W.	Ann Arbor.	Job printing.	3	1	4	
Aug. 23	Modder, E. C.	Ann Arbor.	Baked goods.	2	1	3	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>WASHTENAW Co.—Con.</b>							
Aug. 9	Moe Laundry	Ann Arbor	Laundry	1	6	7	2
Aug. 15	Motor Products Corporation	Ann Arbor	Windshields	390	6	396	2
Aug. 31	Newton & Haggerty Ladder Co., The	Ann Arbor	Ladders	28		28	2
Aug. 24	One Man Tractor Co.	Ann Arbor	Experimental work	3		3	
Sept. 6	Overland Garage Co.	Ann Arbor	Auto repairing	8	1	9	
July 27	Perkins & Gross	Ann Arbor	Auto repairing	4	1	5	
Aug. 15	Porter Mfg. Co., Inc., The	Ann Arbor	Auto bodies	43	1	44	3
Aug. 8	Quality Bakery	Ann Arbor	Baked goods	1	1	2	
Aug. 8	Rice, Fred H.	Ann Arbor	Shoe repairing	2		2	
Aug. 31	Richardson, Dana	Ann Arbor	Millinery		3	3	
Aug. 23	Rohde, Wm. H. L.	Ann Arbor	Coal, wood, etc.	5	1	6	
Aug. 25	Rompotis, Harry	Ann Arbor	Tailoring	2		2	
Aug. 31	Sauer, C. A. Co., The	Ann Arbor	Lumber, etc.	47		47	
Aug. 25	Sauer, Jno. J.	Ann Arbor	Lumber and coal	5		5	
Aug. 10	Schneider, C. L.	Ann Arbor	Plumbing	4	1	5	
Aug. 16	Schneider, Wm. R.	Ann Arbor	Plumbing	1		1	
Aug. 8	Schumacher & Backhaus	Ann Arbor	Plumbing	14	1	15	
July 27	Schumann-Hotzel Bakery	Ann Arbor	Baked goods	6	2	8	
Aug. 31	Seeger, Robt. A.	Ann Arbor	Meats	3		3	
Sept. 6	Seybold & Co.	Ann Arbor	Blacksmithing	3		3	
Sept. 14	Sharpe, Geo.	Ann Arbor	Meats	2		2	
Aug. 8	Smith Tire & Repair Co.	Ann Arbor	Repairing tires	4	1	5	
Aug. 31	Staab Bakery, The	Ann Arbor	Baked goods	7	1	8	
Sept. 6	Staebler & Son	Ann Arbor	Coal, coke and wood	6	1	7	
Sept. 7	Staebler & Sons	Ann Arbor	Auto repairing	6	1	7	
Sept. 6	Stark & Friedman	Ann Arbor	Auto repairing	5		5	
Sept. 7	Stewart Garment Co., The	Ann Arbor	Garments	3	13	16	
Aug. 24	Times News Co., The	Ann Arbor	Printing	18	5	23	
Sept. 6	Volz, John	Ann Arbor	Blacksmithing	3		3	
Aug. 31	Vogel, Wm. D.	Ann Arbor	Meats	3		3	
Aug. 23	Varsity Laundry Co., The	Ann Arbor	Laundry	15	42	57	
Aug. 31	Walker & Co.	Ann Arbor	Wagon repairing	6		6	
Aug. 16	Washington Bakery	Ann Arbor	Baked goods	4	2	6	
Aug. 10	Washtenaw Electric Co.	Ann Arbor	Electric contracting	17		17	
Sept. 1	Washtenaw Gas Co.	Ann Arbor	Gas	65	1	66	
Sept. 6	Washtenaw Lumber Co.	Ann Arbor	Lumber	4		4	
Aug. 23	Washtenaw Post	Ann Arbor	Printing	5		5	1
Aug. 16	Weinmann-Geisendorfer Co.	Ann Arbor	Meats	19	2	21	6
Aug. 17	White Bakery, The	Ann Arbor	Baked goods	3	1	4	
Aug. 23	White Swan Laundry Co.	Ann Arbor	Laundry	9	26	35	2
Aug. 16	Wiedman & Co.	Ann Arbor	Bicycle repairing	2		2	1
Sept. 7	Wild, G. H. Co.	Ann Arbor	Tailoring	5		5	
Aug. 23	Wurster Bros.	Ann Arbor	Dairy products	11		11	
Aug. 23	Wurster, E. M.	Ann Arbor	Blacksmithing	3		3	
Aug. 14	Zachmann & Arnet	Ann Arbor	Monuments	2		2	
Aug. 30	Yuen, Lee Hing	Ann Arbor	Laundry	2		2	
July 13	Bridgewater Garage	Bridgewater	Auto repairing	2		2	
Aug. 29	Bacon, William-Holmes Co.	Chelsea	Coal, grain, flour, etc.	7	1	8	
Aug. 29	Chelsea Electric Light & Water Works	Chelsea	Light and water	6	1	7	
Aug. 30	Chelsea Elevator Co.	Chelsea	Coal, grain, etc.	4		4	
Aug. 29	Chelsea Home Bakery	Chelsea	Baked goods	1	1	2	
Aug. 30	Chelsea Screw Co.	Chelsea	Screws	30		30	
Aug. 29	Chelsea Standard, The	Chelsea	Printing	3		3	
Aug. 30	Chelsea Steam Laundry	Chelsea	Laundry	1	4	5	
Aug. 29	Chelsea Tribune, The	Chelsea	Printing	2	1	3	
Aug. 29	Crescent Garage	Chelsea	Auto repairing	2		2	
Aug. 29	Eppler, Adam	Chelsea	Meats	2		2	
Aug. 30	Faist, A. G.	Chelsea	Repairing	2		2	
Aug. 30	Hirth & Wheeler	Chelsea	Blacksmithing	2		2	
Aug. 29	Klingler, Fred C.	Chelsea	Meats	3		3	

## DEPARTMENT OF LABOR.

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WASHTENAW Co.—Con.							
Aug. 29	Lewis Spring & Axle Co., The	Chelsea	Automobiles	253	8	261	1
Aug. 30	Michigan Portland Cement Co.	Chelsea	Cement	163	1	164	1
Aug. 30	Overland Garage	Chelsea	Auto repairing	5		5	1
Aug. 30	Palmer's Garage	Chelsea	Auto repairing	6		6	
Aug. 28	Blanchard, Harvey R.	Dexter	Auto repairing	3		3	
Aug. 28	Chaffee & Schnebelt	Dexter	Baked goods	2	1	3	
Aug. 28	Dexter Milling Co., The	Dexter	Flour and feed	2		2	
Aug. 28	Drew, A.	Dexter	Blacksmithing	2		2	
Aug. 28	Hoey, D. E. & Son	Dexter	Lumber, coal, etc.	6		6	
Aug. 28	Steeb, Frank	Dexter	Meats	3		3	
July 11	Bowler, J. E.	Manchester	Meats	2		2	
July 12	Cash, Wm.	Manchester	Blacksmithing	3		3	
July 13	Huber Garage	Manchester	Auto repairing	4		4	
July 13	Kiebler, A. M.	Manchester	Meats	3		3	
July 12	Kuebler, L. A. & Sons	Manchester	Plumbing	3		3	
July 13	Lonier & Hoffer	Manchester	Flour and feed	5		5	
July 13	Manchester Auto Co.	Manchester	Auto repairing	2	1	3	
July 13	Manchester Creamery Co.	Manchester	Dairy products	3	1	4	
July 13	Manchester Handle Co.	Manchester	Handles	10	1	11	
July 7	Auten-Camburn Grain Co.	Milan	Grain and feed	1		1	
July 6	Barnes, C. H.	Milan	Meats	3		3	
July 6	Bassett & Co.	Milan	Confectionery	1	1	2	
July 6	Bassett & Co.	Milan	Auto repairing	5		5	
July 6	Bell, Wm. H.	Milan	Meats	2		2	
July 6	Ideal Furnace Co.	Milan	Furnaces	180	3	183	
July 6	Johnston, P. T. & Son	Milan	Lumber and coal	3	1	4	
July 6	Jordan, J. O.	Milan	Baked goods	2	1	3	
July 6	Lamkin-Allen Co., The	Milan	Lumber, grain, etc.	10	1	11	
July 7	Milan Laundry, The	Milan	Laundry	2	1	3	
July 7	Milan Leader, The	Milan	Printing	1	2	3	
July 6	Palmer & Clark	Milan	Millinery		2	2	
July 17	Schmenk, A. C.	Milan	Produce	3		3	1
July 14	Armbruster, W. W.	Saline	Shoe repairing	1		1	
July 14	Bracey, G. F. & Co.	Saline	Handles	12		12	
July 14	Cool Bros. Grain Co.	Saline	Grain and coal	1		1	
July 14	Ford, F. D.	Saline	Lumber	4		4	
July 14	Saline Garage	Saline	Auto repairing	2		2	
July 14	Saline Telephone Co.	Saline	Telephone service	3	4	7	
July 14	Schmid & Schieh	Saline	Meats	2		2	
July 14	Schnebelt, Carl J.	Saline	Baked goods	2	1	3	
July 13	Uphouse, Ben Garage	Saline	Auto repairing	2		2	
July 16	Alban & Augustus	Ypsilanti	Meats	5	1	6	
Aug. 20	Arnet Bros.	Ypsilanti	Tailoring	3		3	
July 18	Boatwright, A. J. & Co.	Ypsilanti	Implements	3		3	
Aug. 22	Burrell, A. J. & Sons	Ypsilanti	Monuments	3		3	
July 18	Clark, Jas.	Ypsilanti	Baked goods	10	3	13	
Aug. 21	Detroit, Jackson & Chicago Ry.	Ypsilanti	Car repairing	18		18	
Aug. 22	Dolson, E. B.	Ypsilanti	Auto repairing	3		3	
July 18	Hankinson, O. A. & Co.	Ypsilanti	Plumbing, etc.	14		14	
Aug. 21	Hoch Brewing Co.	Ypsilanti	Beer	7	1	8	
July 17	Howard, H. C.	Ypsilanti	Meats	3		3	
Aug. 22	Hughes, J. T.	Ypsilanti	Plumbing, etc.	3	1	4	
July 20	Lewis-Geer Mfg. Co.	Ypsilanti	Toys	27	4	31	5
July 21	McCullough, W. L. Co.	Ypsilanti	Machinery	20	1	21	
July 19	Martin Dawson Co.	Ypsilanti	Flour and feed	2		2	
Aug. 21	Michigan Crown Fender Co.	Ypsilanti	Sheet metal parts	97		97	
July 20	Michigan Ladder Co.	Ypsilanti	Ladders	24	1	25	
July 21	Michigan Press Co.	Ypsilanti	Punch presses	13		13	1
Aug. 22	Moorman, B. G. & Son	Ypsilanti	Flour, feed and hay	2	1	3	
July 20	Oak Knitting Co.	Ypsilanti	Underwear	32	114	146	12



Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>WASHTENAW Co.—Con.</b>							
Aug. 21	Peninsular Paper Co.	Ypsilanti	Paper	123	23	146	6
July 17	Schafarik & Kirk	Ypsilanti	Meats	5		5	
Aug. 21	Schaible, T. E. Garage	Ypsilanti	Auto repairing	8		8	1
Aug. 21	Schrader Motor Sales Co.	Ypsilanti	Auto repairing	5	1	6	
Aug. 21	Scovill, H. R. Co.	Ypsilanti	Lumber	6		6	
July 18	Sheet Metal Works	Ypsilanti	Sheet metal	1		1	
July 17	Shipman, L. E. & Co.	Ypsilanti	Millinery		3	3	
July 16	Simpson, M. & E.	Ypsilanti	Millinery		7	7	
July 19	Sinbul, M.	Ypsilanti	Meats	5		5	
Aug. 20	Smith Bros. Co.	Ypsilanti	Blacksmithing	6		6	
July 18	Smith, F. M.	Ypsilanti	Shoe repairing	2		2	
Aug. 22	Standard Printing Co.	Ypsilanti	Printing	3	1	4	
July 19	Standard Steel Products Co.	Ypsilanti	Steel forgings	8	1	9	
July 16	Strong, Geo. E.	Ypsilanti	Shoe repairing	3	1	4	
July 19	Thompson, O. E. & Sons	Ypsilanti	Implements	12		12	
July 19	Thompson, O. E. & Sons	Ypsilanti	Coal	3		3	
Aug. 22	U. S. Pressed Steel Co.	Ypsilanti	Implements	83	2	85	6
July 16	Washtenaw Electric Shop	Ypsilanti	Electric wiring	3	1	4	
Aug. 21	Westfield & Fall River Lumber Co.	Ypsilanti	Lumber	7		7	
Aug. 22	Whitman, F.	Ypsilanti	Machine repairing	1		1	
Aug. 22	Ypsilanti Dairy Association, The	Ypsilanti	Dairy products	5		5	
July 18	Ypsilanti Garage	Ypsilanti	Auto repairing	3		3	1
Aug. 22	Ypsilanti Gas Dept.	Ypsilanti	Gas	19	1	20	
July 19	Ypsilanti Grain & Elevator Co.	Ypsilanti	Flour and feed	3	1	4	
July 20	Ypsilanti Hay Press Co.	Ypsilanti	Hay presses	10	1	11	
July 18	Ypsilanti Hide & Leather Co.	Ypsilanti	Leather	1		1	
July 19	Ypsilanti Indian Shoe Co.	Ypsilanti	Moccasins	3	16	19	2
Aug. 22	Ypsilanti Laundry Co.	Ypsilanti	Laundry	3	9	12	
Aug. 22	Ypsilanti Machine Works	Ypsilanti	Machinery	8		8	
July 18	Ypsilanti Press, The	Ypsilanti	Printing	9	3	12	2
Aug. 21	Ypsilanti Pure Milk Co.	Ypsilanti	Dairy products	4		4	
July 18	Ypsilanti Record Publishing Co.	Ypsilanti	Printing	6	1	7	1
Aug. 22	Ypsi Screw Co.	Ypsilanti	Screws	3	1	4	
July 18	Ypsilanti Vulcanizing Co.	Ypsilanti	Vulcanizing	6	1	7	
Aug. 22	Ypsilanti Water Works	Ypsilanti	Water	12	1	13	
<b>WAYNE COUNTY.</b>							
Sept. 20	Alban Lumber Co.	Belleville	Lumber	4		4	
Sept. 20	Belleville Milling Co.	Belleville	Grain and flour	5		5	
Sept. 20	Detroit Creamery Co.	Belleville	Dairy products	2		2	
Nov. 8	Arndt, Emil	Dearborn	Meats	2		2	
Nov. 8	Dearborn Hardware Co.	Dearborn	Hardware	3		3	
Nov. 8	Ford, Henry & Son, Inc.	Dearborn	Tractors	935		935	
Nov. 8	Huron Motor Car Co.	Dearborn	Automobiles	7		7	
Nov. 8	Lapham, S. D. & Co., Inc.	Dearborn	Builders' supplies	21		21	
Nov. 8	Twork Bros.	Dearborn	Blacksmithing	3		3	
Nov. 8	Wallace, M. B.	Dearborn	Lumber	3		3	
Sept. 11	Michigan Central R. R. Co.	Delray	Freight	41		41	
Nov. 7	Abbey-Scherer Co., The	Detroit	Wire and iron	13		13	
April 16	A B C Starter Co.	Detroit	Auto starters	52	5	57	
Nov. 17	Acason Motor Truck Co.	Detroit	Trucks	75	4	79	
Oct. 9	Accessory Forgings Co.	Detroit	Forgings	44		44	
May 11	Ackerman Bros.	Detroit	Auto repairing	5	1	6	
Dec. 4	Ackerson, R. J. Electric Garage, The	Detroit	Auto repairing	10		10	
Nov. 9	Acme Boiler Works	Detroit	Boilers	13		13	
May 18	Acme Chemical Co., The	Detroit	Chemicals	2		2	
Oct. 26	Acme Cut Stone Co.	Detroit	Stone	7		7	
Jan. 7	Acme Fancy Wire Works	Detroit	Wire work	6	1	7	
June 6	Acme Foundry Co.	Detroit	Castings	88	2	90	
Sept. 28	Acme Garage	Detroit	Auto repairing	4		4	
Sept. 4	Acme Lumber Co.	Detroit	Lumber	12	1	13	
Oct. 18	Acme Mfg. Co.	Detroit	Dies and tools	10		10	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE Co.—Con.						
April 16	Acme Mill Ends Co.	Detroit	Cotton goods	3	4	7	
June 20	Acme Pattern Works	Detroit	Patterns	131	1	132	1
June 13	Acme Plating & Specialty Mfg. Co.	Detroit	Plating and polishing	4		4	
May 28	Acme Stamp Co.	Detroit	Steel stamps	3		3	
Oct. 25	Acme Storage Co.	Detroit	Storage	3		3	
Dec. 26	Acme White Lead & Color Works	Detroit	Paint and varnish	17	5	22	
Jan. 7	Adam, William A.	Detroit	Plumbing	24		24	
May 21	Adams, W. R. & Co.	Detroit	Job printing	4		4	
Dec. 20	Advance Electric Co.	Detroit	Electric wiring	3		3	
May 3	Advance Machine Co.	Detroit	Machine repairing	42	1	43	
Mar. 21	Advance Pattern Works	Detroit	Patterns	10		10	
Jan. 9	Advance Printing Co.	Detroit	Printing	4		4	
Aug. 22	Adzit Electrotype Co.	Detroit	Electrotyping	16	1	17	
Aug. 28	Aetna Chemical Co.	Detroit	Toilet articles	1	4	5	
April 10	Aikman Bakery Co.	Detroit	Baked goods	10		10	
June 7	Ainger Printing Co.	Detroit	Job printing	4		4	
April 20	Ainsworth Mfg. Co.	Detroit	Wind shields	86	1	87	
Sept. 6	Ajax Brick Co.	Detroit	Brick	37		37	3
June 8	Ajax Pattern Works	Detroit	Patterns	9		9	
Oct. 26	Alberta Cigar Co.	Detroit	Cigars	2	20	22	
Nov. 7	Albion Glove & Mfg. Co.	Detroit	Gloves	7	32	39	
Aug. 7	Alexander, E. M.	Detroit	Sheet metal	8		8	1
Dec. 3	Alice Shop, The	Detroit	Dressmaking	4	7	7	
Dec. 3	Alkon Garage & Auto Sales	Detroit	Auto repairing	4		4	
July 21	Allan Bros.	Detroit	Lumber	11	2	13	1
May 11	Allan Coal & Lumber Co.	Detroit	Lumber and coal	33	2	35	
Nov. 26	Allen, Mark W. & Co.	Detroit	Toilet articles	5	6	11	
May 14	Allen, Wm. H. & Co.	Detroit	Garments	15	1	16	
Aug. 9	Alliance Brass Foundry Co., The	Detroit	Plumbers' supplies	34	11	45	8
May 25	Alloy Die Casting Co., The	Detroit	Castings	18		18	
Sept. 25	Aluminum Casting Co.	Detroit	Castings	860	30	890	4
Dec. 28	Aluminum Castings Co.	Detroit	Castings	63	17	80	3
Sept. 13	American Agricultural Chemical Co., The	Detroit	Fertilizers, glue, etc.	295	33	328	
Nov. 21	American Art Glass Co.	Detroit	Art glass	12	1	13	
Aug. 14	American Auto Trimming Co.	Detroit	Auto body painting, etc.	685	156	841	
April 24	American Ball Valve & Mfg. Co.	Detroit	Machine repairing	12		12	
Oct. 12	American Blower Co.	Detroit	Heating apparatus, etc.	516	50	566	83
April 6	American Boiler & Sheet Iron Works	Detroit	Boilers	37	1	38	
Nov. 22	American Boy, The	Detroit	Printed matter	13	50	63	
June 13	American Boy Pant Co.	Detroit	Pants	8	12	20	
Oct. 11	American Brass & Iron Co.	Detroit	Brass goods	49		49	4
June 11	American Brewing Co.	Detroit	Beer	44	2	46	
June 18	American Bridge Co.	Detroit	Structural steel	185		185	1
April 9	American Butter & Cheese Co.	Detroit	Dairy products	27	2	29	2
Oct. 11	American Car & Foundry Co.	Detroit	Cars	2,002	16	2,018	
Aug. 3	American Car & Foundry Co.	Detroit	Rolling steel	375		375	2
Aug. 29	American Carriage & Wagon Works	Detroit	Wagon repairing	16	1	17	
Sept. 7	American Cartage Co.	Detroit	Trucking	14	1	15	1
Sept. 13	American Cigar Co.	Detroit	Cigars	15	267	282	
Aug. 10	American Commercial Car Co.	Detroit	Delivery cars	28	1	29	
Oct. 10	American Die Works	Detroit	Dies	12		12	
Jan. 8	American Electric Co.	Detroit	General electric work	14	2	16	
July 7	American Electric Heater Co.	Detroit	Heaters	178	80	258	3
Nov. 28	American Garment Cleaning Co.	Detroit	Cleaning, etc.	2	1	3	
June 8	American House of Letters	Detroit	Typewritten letters	3	1	4	
Oct. 15	American Injector Co.	Detroit	Brass goods	92	3	95	3
Nov. 15	American Lady Corset Co.	Detroit	Corsets	121	529	650	5
May 7	American Lubricator Co.	Detroit	Brass goods	76	4	80	2
Dec. 4	American Motor Sales Co.	Detroit	Auto repairing	9		9	
June 8	American Motor Truck Co.	Detroit	Auto trucks	8	1	9	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE CO.—Con.							
Aug. 8	American Paper Stock Co., The	Detroit	Wiping cloths	6	2	8	
July 12	American Plumbing Mfg. Co.	Detroit	Plumbers' supplies	3	2	3	
April 10	American Press Association	Detroit	Sterotype plates	8	2	10	
Oct. 24	American Pressweld Radiator Corp.	Detroit	Radiators	32	36	68	1
Nov. 22	American Printing Co.	Detroit	Job printing	67	9	76	
Oct. 10	American Radiator Co.	Detroit	Radiators	529	3	532	
Oct. 4	American Roofing Co.	Detroit	Roofing	14		14	
July 11	American Seed Co.	Detroit	Seeds	17	24	41	
Dec. 5	American Service Co.	Detroit	Auto repairing	11		11	
July 25	American Showcase & Mfg. Co.	Detroit	Showcases	28		28	
Oct. 18	American Smelting Works	Detroit	Smelting	7		7	
Nov. 20	American Still Alarm	Detroit	Electric service	22	26	48	
May 29	American Tap-Bush Co.	Detroit	Beer taps	12		12	
May 24	American Tool & Die Mfg. Co., The	Detroit	Tools and dies	9	1	10	
June 11	American Typograph Co.	Detroit	Typographs	10	3	13	
Aug. 6	Amos, Chas. & Co., Inc.	Detroit	Structural steel	8	1	9	
Oct. 23	Anderson Electric Car Co.	Detroit	Electric autos	750	26	776	18
July 23	Anderson Forge & Machine Co.	Detroit	Machinery	340	5	345	4
Jan. 3	Anderson, Kenneth Co.	Detroit	Steam supplies	6	3	9	1
Aug. 13	Anderson, W. H. Tool & Supply Co.	Detroit	Tools	41	2	43	
Nov. 1	Andries, Henry A. I.	Detroit	Printed matter	5		5	
Oct. 23	Angora Knitting Mill	Detroit	Knit goods	1	8	9	
Nov. 23	Annia, Newton	Detroit	Furs	55	98	153	3
Jan. 3	Apel, Albert	Detroit	Hay, grain and coal	3		3	
Nov. 26	Apel, William	Detroit	Coal and coke	4	1	5	
Nov. 21	Appel, W. R.	Detroit	Millinery	1	4	5	
Dec. 20	Aram, M. H.	Detroit	Tailoring	4	1	5	
Jan. 9	Arctic Ice Cream Co.	Detroit	Ice cream	135	11	146	
Oct. 2	Argo Family Laundry	Detroit	Laundry	14	22	36	
Aug. 9	Armstrong Co., The	Detroit	Cement putty	15	2	17	
Nov. 16	Armstrong & Graham	Detroit	Harness	84	5	89	1
Aug. 3	Armstrong Tanning Co.	Detroit	Leather	25		25	
Dec. 31	Arnold, Jos.	Detroit	Baked goods	4	1	5	
Nov. 13	Aronstien, Louis	Detroit	Ladies' tailoring	2	2	4	
May 31	Arrow Tool & Reamer Co.	Detroit	Tools and reamers	13		13	
Nov. 9	Art Brass & Wire Works	Detroit	Wire	13		13	
June 11	Artercraft Letter Shop	Detroit	Multigraphing	3	20	23	
Oct. 17	Artercraft Lithographing Co., The	Detroit	Lithographing	30	11	41	2
Aug. 17	Artesia Water Co.	Detroit	Water	2	2	4	
Jan. 18	Arthur Studio	Detroit	Photographing	5	8	13	1
Nov. 23	Artist's Model Corset Shop	Detroit	Corsets		4	4	
Oct. 25	Art Marble Mosaic & Tile Co., The	Detroit	Tile	26	1	27	
Dec. 7	Art Millinery	Detroit	Millinery	1	3	4	
Dec. 27	Art Millinery Co.	Detroit	Millinery		3	3	
June 15	Art Pattern Works	Detroit	Patterns	7		7	
Nov. 30	Art Print Shop	Detroit	Printing	8	2	10	
Oct. 23	Art Stove Co., The	Detroit	Stoves	295	6	301	2
Sept. 19	Asman & Dunn	Detroit	Flowers	6		6	
Nov. 27	Astleford, John J.	Detroit	Wagons	2	2	2	
June 1	Astley Carrier Co.	Detroit	Carriers	5		5	
Sept. 14	Aston, Wm. H. Printing Co.	Detroit	Poster printing	16	2	18	
May 17	Atlas Auto Top Co.	Detroit	Auto tops	3	1	4	
Nov. 9	Atlas, Edward A. Hide Co.	Detroit	Hides	6	1	7	
May 31	Atlas Foundry Co.	Detroit	Castings	199	2	201	
Jan. 8	Atlas Machine Works	Detroit	General machine work	14	1	15	
Dec. 26	Aumann, C.	Detroit	Baked goods	3	3	6	
May 8	Austin Separator Co.	Detroit	Separators	1	2	3	
June 7	Auto City Metal Spinning & Mfg. Co.	Detroit	Metal spinning	6		6	
Nov. 27	Auto City Sheet Metal Co.	Detroit	Sheet metal	10		10	
Dec. 5	Auto Electric Service Co.	Detroit	Auto repairing	14	1	15	1

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 10 years of age.
WAYNE CO.—Con.							
Oct. 25	Auto Engineering Co., The	Detroit	Auto parts	36	1	37	
Sept. 20	Auto Home Garage	Detroit	Auto repairing	13		13	
May 15	Automatic Arc Welding Co.	Detroit	Welding	6		6	
April 19	Automatic Products Co.	Detroit	Cap screws	156		156	
Oct. 5	Automobile Crank Shaft Corporation	Detroit	Auto cranks	289	5	294	
April 24	Automobile Custom Shop, Inc., The	Detroit	Auto trimming, etc.	8		8	
Nov. 17	Auto Paint Shop, The	Detroit	Auto painting, etc.	4		4	
Oct. 10	Autoparts Mfg. Co.	Detroit	Auto parts	53	8	61	6
Dec. 5	Auto Service Station	Detroit	Auto repairing	2		2	
May 7	Auto Tire Repair Co.	Detroit	Tire repairing	10		10	1
April 12	Avenue Bakery, The	Detroit	Baked goods	2	1	3	
Dec. 20	Avenue Garage	Detroit	Auto repairing	10		10	
Oct. 19	Aylward, Richard L.	Detroit	Coal	88	1	89	
Nov. 1	Baade, C. Frank	Detroit	Storage and cartage	3		3	
Sept. 20	Babcock, Ben	Detroit	Scrap metal	12		12	
Dec. 4	Bachem-Robinson Co., The	Detroit	Auto specialties	5	1	6	
Nov. 5	Backus, A. Jr. & Sons	Detroit	Boxes	49	2	51	1
Aug. 15	Bader Baking Co.	Detroit	Baked goods	6	2	8	
Dec. 22	Baets, Andrew	Detroit	Cigars	10	1	11	
Dec. 3	Bagg Street Garage	Detroit	Auto repairing	2		2	
Nov. 19	Bagg's Curtain Shop	Detroit	Curtains	1	3	4	
Sept. 28	Bagley, Jno. J. & Co.	Detroit	Tobacco	119	204	323	4
Oct. 30	Bagley Service Garage	Detroit	Auto repairing	4		4	
Dec. 28	Bailey, M. D.	Detroit	Millinery	4	4	4	
May 16	Bailey-Picha Printing Co.	Detroit	Printing	2	1	3	
Sept. 19	Bailey, Paterson & Bailey	Detroit	Carpet cleaning	8		8	
May 23	Baisch, J. F.	Detroit	Cutlery	4	1	5	
Nov. 28	Baker, Amelia H.	Detroit	Millinery	3	3	3	
May 18	Baker Art Studio, The	Detroit	Photographing	3	2	5	
Dec. 11	Baker, Geo. F.	Detroit	Millinery		1	1	
June 21	Baker & Marwil	Detroit	Neckwear	3	22	25	
Dec. 28	Baker & Whifen	Detroit	Auto repairing	4		4	
Nov. 23	Ballantine Co., The	Detroit	Custom clothing	14	5	19	
Aug. 30	Ballman, W. E.	Detroit	Repairing	14	1	15	
April 12	Baltimore Lunch Bakery	Detroit	Baked goods	10		10	
Sept. 26	Banner Cigar Mfg. Co., The	Detroit	Cigars	15	102	117	
May 16	Banner Garment Mfg. Co.	Detroit	Garments	12	128	140	3
April 26	Banner Garment Mfg. Co.	Detroit	Clothing	4	42	46	
Sept. 24	Banner Laundering Co.	Detroit	Laundry	71	261	332	
Jan. 3	Banner Mfg. Co.	Detroit	Extracts	5	7	12	1
Nov. 20	Barbas Candy Co.	Detroit	Candy	5	1	6	
June 4	Barber, H. S.	Detroit	Roofing	17		17	
Mar. 21	Barcy-Nicholson Co.	Detroit	Auto supplies	24	14	38	10
June 7	Barie Bread Co.	Detroit	Baked goods	19	1	20	
Nov. 21	Barium, Thos. & Sons Co.	Detroit	Packing house products	16	2	18	
Dec. 21	Barnes, Geo. H.	Detroit	Electric supplies	28	3	31	2
May 26	Barnes Wire Fence Co.	Detroit	Wire fences	33		38	
April 27	Barnett-Sturm Co.	Detroit	Furniture	8		8	
Jan. 2	Barrett Co., Inc., The	Detroit	Coal tar products	103	4	107	1
Nov. 12	Barrett, F. J. Lumber Co.	Detroit	Lumber	10	1	11	
Nov. 28	Barrett's Shop	Detroit	Millinery		1	1	
Dec. 10	Barron, D. D.	Detroit	Coal and coke	5		5	
Sept. 28	Bartholomaei, Max, Son & Co.	Detroit	Building supplies	85		85	
June 22	Bartlett Mfg. Co.	Detroit	Hardware	16	4	20	3
Dec. 5	Barton Auto Top Co.	Detroit	Auto tops	27	13	40	
Oct. 10	Barton Auto Top Co.	Detroit	Auto tops	16		16	
Nov. 5	Basman, A. M. Co., Inc., The	Detroit	Sheet metal	24		24	
Oct. 18	Batchelder Marble Co.	Detroit	Marble	17		17	
June 18	Batchelder-Wasmund Co., The	Detroit	Cut stone and granite	22		22	
May 1	Bauer-Scherer Baking Co., The	Detroit	Baked goods	8	3	11	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE Co.—Con.							
Dec. 18	Baumann, Conrad & Son	Detroit	Wagons and trucks	4		4	
Dec. 20	Bean & Deville	Detroit	Plumbing	13		13	1
May 28	Beard Bros	Detroit	Flowers	12	1	13	
Sept. 19	Beaubien Ice & Coal Co.	Detroit	Ice and coal	61	1	62	
Aug. 20	Beaudoin, Thos. S.	Detroit	Canned goods	6		6	
Nov. 1	Beck Cereal Co.	Detroit	Rolled oats	43	2	45	
Sept. 10	Becker Bros. & Co.	Detroit	Printing	5		5	
Aug. 29	Becker's, E. Asphaltum Roofing Co.	Detroit	Roofing	12	1	13	
Dec. 27	Becker, H. W. Son	Detroit	Furs	4	7	11	
Nov. 13	Becker, Marie	Detroit	Dressmaking	1	10	11	
April 24	Becker & Becker	Detroit	Furnaces	10		10	
May 1	Beckett Machine & Tool Works	Detroit	Machinery	2		2	
June 14	Beckmann, A. L.	Detroit	Electric supplies, etc.	3	1	4	
May 29	Beckwith, Walter	Detroit	Blacksmithing	4		4	
July 27	Beebe, Henry A.	Detroit	Cut stone	7		7	
May 4	Beegen, R.	Detroit	Stove pipe	13	1	14	
Aug. 15	Behr Bros. Co.	Detroit	Hides	9		9	
Dec. 20	Behr, J. August	Detroit	Printing	1	1	2	
Dec. 19	Belgian-American Printing Co.	Detroit	Printing	3		3	
May 31	Bell, John, Jr.	Detroit	Baked goods	5		5	
May 16	Bellair, Fred	Detroit	Painting	3		3	
May 3	Bell Electrotyping Co., The	Detroit	Electrotyping	20	1	21	1
Jan. 7	Belensky & Winokur	Detroit	Junk	2	4	6	
Nov. 26	Belle Isle Boat & Engine Co.	Detroit	Boats and engines	12	1	13	
June 22	Belle Isle Creamery Co.	Detroit	Dairy products	31	2	33	
Jan. 2	Belle Isle Garment Mfg. Co.	Detroit	Aprons	1	7	8	
Aug. 15	Bellevue Industrial Furnace Co.	Detroit	Furnaces	42	4	46	1
June 11	Bell Pump & Mfg. Co., The	Detroit	Pumps	16		16	8
Jan. 9	Bels, G. C.	Detroit	Baked goods	2	2	4	
Dec. 6	Berg, Amelia	Detroit	Dressmaking	1	6	7	
Jan. 7	Berghoff Brewing Association	Detroit	Beer	8	1	9	
Nov. 5	Ber-han Shop, The	Detroit	Millinery		4	4	
Aug. 24	Berkowitz Press, Inc., The	Detroit	Printing	4	1	5	
May 28	Berry Bros	Detroit	Varnishes	161	10	171	
May 25	Bertling, Paul C.	Detroit	Sheet metal	7		7	
Dec. 26	Bery, August & Son	Detroit	Furnaces	4	1	5	
Sept. 19	Besancon's, Geo. Sons	Detroit	Coal, etc.	7		7	
July 20	Besaron, Wm. E.	Detroit	Coal	22	1	23	
May 1	Best Stove Co.	Detroit	Stoves	13	1	14	
Jan. 8	Beyer, J. F.	Detroit	Coal and coke	7		7	
Aug. 21	Beyster, John & Sons Co.	Detroit	Lumber	47	1	48	1
Jan. 8	Bialk, Alois	Detroit	Blacksmithing	2		2	
Oct. 30	Bird, Chas. J. E.	Detroit	Coal and coke	3		3	
Aug. 14	Blackburn, Geo. L.	Detroit	Job printing	3		3	
May 21	Blake, W. M. Mfg. Co.	Detroit	Metal spinning	4		4	
May 11	Bland, P. N. Printing Co.	Detroit	Printing	9	2	11	
Oct. 26	Blatz, Val Brewing Co.	Detroit	Beer	5		5	
July 11	Bleich Printing Co., The	Detroit	Job printing	2		2	
April 30	Bloch, William	Detroit	Wagon repairing	2		2	
April 23	Blodgett Engineering-Tool Co., The	Detroit	Tools and dies	15		15	
May 2	Blodgett Engineering & Tool Co., The	Detroit	Tools and dies	32	1	33	
Aug. 15	Blome Bros. Co.	Detroit	Frames	13	2	15	1
Nov. 30	Blue Valley Creamery Co.	Detroit	Dairy products	29	12	41	1
Nov. 16	Board of Education Shop	Detroit	Repairing	76		76	
Aug. 29	Board of Water Commissioners, The	Detroit	Waterworks supplies	153	2	155	
Sept. 18	Bogacki Mill Co., The	Detroit	Rye flour	6		6	
June 1	Boldt, Chas. F.	Detroit	Cigars	20	17	37	
Oct. 12	Bolles, J. E. Iron & Wire Works	Detroit	Iron and wire	137	2	139	2
July 6	Bolton & Chapman, Inc.	Detroit	Plumbing	25		25	
Dec. 10	Bolton, Clara	Detroit	Millinery		2	2	

## DEPARTMENT OF LABOR.

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE Co.—Con.							
Nov. 27	Boosey, Norman	Detroit	Plumbing	4		4	
July 5	Booth Cold Storage Co.	Detroit	Cold storage	40	1	41	
April 11	Booth Fisheries Co.	Detroit	Fish, etc.	5		5	
Oct. 26	Borin Bros. Co.	Detroit	Coal and coke	8		8	
Nov. 23	Bornman, John & Son	Detroit	Printing	38	20	58	4
Nov. 8	Bosch Magneto Co.	Detroit	Magnetos	21	3	24	
May 24	Bossardet Garage	Detroit	Auto repairing	2		2	
Dec. 26	Boulevard Park Bakery, The	Detroit	Baked goods	3		3	
June 8	Boulevard Tire & Supply Store	Detroit	Tire sales and repairing	5		5	
July 6	Boulevard Transfer Co.	Detroit	Trucking	3		3	
June 13	Bourke Machine Co.	Detroit	Auto parts	39	1	40	
Dec. 10	Butt's Laundry	Detroit	Laundry	2	2	4	
Aug. 6	Bower Roller Bearing Co.	Detroit	Roller bearings	328	3	331	12
June 14	Bowen, W. T.	Detroit	Coal, coke and cartage	6	1	7	
June 20	Boydell Bros., White Lead Co.	Detroit	Paints	47	7	54	
Aug. 16	Boylan, Ward L.	Detroit	Auto repairing	4	2	6	
Aug. 6	Brandau Shoe Co.	Detroit	Shoes	18	5	23	1
Aug. 31	Brandt, F. G.	Detroit	Blacksmithing	4		4	
April 27	Brass Bed Repair Co.	Detroit	Bed repairing	3	1	4	
Nov. 12	Braun Lumber Co.	Detroit	Lumber	40	2	42	
Nov. 23	Brede & Schroeter	Detroit	Interior decorating	39	4	43	
May 3	Breitenbeck, P. A.	Detroit	Meats	5		5	
Dec. 28	Breitmeyer's, John Sons	Detroit	Flowers	7	1	8	
Jan. 2	Brennan Feather Co.	Detroit	Feather novelties	1	6	7	
Aug. 3	Brennan, Fitzgerald & Sinks	Detroit	Baked goods	12		12	
Sept. 7	Brennan, John & Co.	Detroit	Boilers, tanks, etc.	109	1	110	
Nov. 21	Brennan Truck Co.	Detroit	Cartage	25		25	
Oct. 25	Brenner Coal Co.	Detroit	Coal	10		10	
June 12	Bridges, E. P. & Co.	Detroit	Painting	14	1	15	
Aug. 13	Bright, Thomas	Detroit	Blacksmithing	2		2	
July 6	Briscoe Mfg. Co.	Detroit	Auto parts	388	54	442	1
June 8	Brook, A. F. & Sons	Detroit	Monuments	3		3	
Dec. 11	Brodie, Mrs. Anne	Detroit	Millinery		3	3	
Oct. 25	Brodie, J.	Detroit	Sheet metal	3		3	
June 8	Brookes, A. W.	Detroit	Job printing	6		6	1
Jan. 3	Brooks & Co.	Detroit	Lumber	5		5	
June 20	Brooks & Pratte Bros.	Detroit	Auto repairing	5		5	
Jan. 8	Brooks & Pratte Garage	Detroit	Auto accessories	4		4	
Aug. 16	Brossy, I. C. Dyeing Co.	Detroit	Cleaning and dyeing	19	35	54	3
Jan. 7	Brown Cleaners & Dyers	Detroit	Cleaning and dyeing	15	16	31	3
July 9	Brown-Hawkins Lumber Co.	Detroit	Interior finish	46	2	48	
May 24	Brown-Hutchinson Iron Works	Detroit	Structural iron work	28		28	
May 15	Brown-McLaren Mfg. Co.	Detroit	Screw machine products	74	14	88	
Aug. 21	Brown, M. V. & Sons Co.	Detroit	Engraving	7	8	15	1
May 7	Brown-Morris Co.	Detroit	Dies and tools	42		42	
May 29	Brown, J. B.	Detroit	Blacksmithing	3		3	
Aug. 3	Bruckman, Thos. & Co.	Detroit	Plumbing	17		17	
Dec. 7	Bryan, Mrs. Clara	Detroit	Millinery		2	2	
May 4	Bryant, E. S. Pattern Works	Detroit	Patterns	28		28	
June 22	Bryant-Newell Co., Ltd., The	Detroit	Band instruments	6		6	1
Oct. 24	Buchanan & Huff	Detroit	Coal	7		7	
July 12	Buchanan & Huff	Detroit	Coal and coke	25		25	
Oct. 25	Buckie Printers' Roller Co., The	Detroit	Printers' rollers	3	1	4	
May 4	Buechner, John L.	Detroit	Plating	16		16	2
Aug. 6	Buekers, J. H. Mfg. Co., The	Detroit	Fixtures	20		20	1
Nov. 5	Bufe Plumbing & Heating Co.	Detroit	Plumbing	22		22	
Jan. 15	Buhl Battery Co.	Detroit	Storage batteries	2		2	
April 3	Buhl Stamping Co.	Detroit	Metal goods	274	23	297	18
Dec. 27	Buick Motor Co.	Detroit	Auto repairing, etc.	36	3	39	
May 25	Builders' & Pavers' Supply Co.	Detroit	Builders' supplies	24	1	25	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE CO.—Con.							
June 20	Buick Repair Shop.	Detroit	Auto repairing	3		3	
Dec. 11	Bumele, Misses J. & R.	Detroit	Millinery		3	3	
Dec. 3	Bunnell, Chas. H.	Detroit	Custom clothing	8		8	
Jan. 7	Burau, Paul E.	Detroit	Plumbing	4		4	
July 12	Burch Motor Sales Co.	Detroit	Auto repairing	41	2	43	
Oct. 16	Burdette, F. E. Coal Co.	Detroit	Coal, coke and wood	5	1	6	
June 14	Burdett Oxygen Co. of Detroit.	Detroit	Oxygen	4	1	5	
Sept. 24	Burdick, Frank R. & Son	Detroit	Cigars	3	10	13	
Sept. 19	Burghardt & Diehl	Detroit	Furniture repairing	5		5	
May 29	Burkhardt Co., The	Detroit	Trade binding	20	40	60	1
Nov. 22	Burleigh, I. H.	Detroit	Millinery		3	3	
Dec. 31	Burnett, E. L. Co.	Detroit	Auto accessories	2		2	
Dec. 20	Burns, J. L. & Co.	Detroit	Plumbing	14		14	
Dec. 4	Burns, Wm. H.	Detroit	Plumbing	2		2	
May 18	Burns & Scholz	Detroit	Plumbing	3		3	
Oct. 15	Burroughs Adding Machine Co.	Detroit	Adding machines	3,788	844	4,632	161
Dec. 5	Burr-Patterson & Co.	Detroit	Jewelry	24	8	32	
Dec. 21	Burton-Lowery Co.	Detroit	Auto trimming	53	6	59	
May 3	Burton, W. J. Co., The	Detroit	Sheet metal	31	2	33	
Nov. 14	Burvoi Hat Shop.	Detroit	Millinery	1	5	6	
May 22	Busby, John H. Co.	Detroit	Electric supplies	63	2	65	1
June 6	Buyers, Jas. & Son	Detroit	Auto repairing	4		4	
May 25	Cable, Draper Co.	Detroit	Baked goods	235	7	242	2
April 12	Cadillac Auto Painting & Trimming Co.	Detroit	Auto bodies	18		18	
July 13	Cadillac Can Co.	Detroit	Cans	21	9	30	8
Nov. 17	Cadillac Casket Co.	Detroit	Caskets	15	4	19	
Oct. 25	Cadillac Cigar Box Co.	Detroit	Cigar boxes	14	27	41	4
Oct. 23	Cadillac Coal & Coke Co.	Detroit	Coal and coke	15	1	16	
Sept. 21	Cadillac Garment Mfg. Co.	Detroit	Dresses	7	44	51	
May 31	Cadillac Lithographing Co.	Detroit	Lithographing	6	1	7	
Oct. 10	Cadillac Metal Reduction Co.	Detroit	Metal refining	9		9	
Nov. 1	Cadillac Motor Car Co.	Detroit	Auto parts	222	30	252	10
May 3	Cadillac Motor Car Co.	Detroit	Auto trimming	260		260	
July 25	Cadillac Motor Car Co.	Detroit	Auto bodies	1,631	5	1,636	3
Oct. 15	Cadillac Motor Car Co.	Detroit	Auto repairing	44		44	
Oct. 9	Cadillac Motor Car Co.	Detroit	Motor cars	2,216	10	2,226	3
July 25	Cadillac Motor Car Co.	Detroit	Top and cushions	196		196	
Sept. 21	Cadillac Motor Car Co.	Detroit	Auto repairing	52		52	
Sept. 12	Cadillac Motor Car Co.	Detroit	Automobiles	4,318	124	4,442	
Aug. 14	Cadillac Motor Car Co.	Detroit	Foundry and core room	181	15	196	
April 30	Cadillac Printing Co.	Detroit	Job printing	27	11	38	1
May 17	Cadillac Tool Co.	Detroit	Tools	52		52	2
June 12	Cady & Knapp	Detroit	Multigraphing	4	16	20	
Sept. 28	Caille Bros. Co., The	Detroit	Machinery	330	8	338	3
Aug. 17	Cain Bros.	Detroit	Plumbing	14		14	
Nov. 19	Callahan Hat Shop.	Detroit	Millinery		4	4	
Oct. 26	Calvert Lithographing Co., The	Detroit	Lithographing	281	102	383	16
Sept. 17	Calvert's, J. Sons	Detroit	Coal	32		32	
Sept. 17	Calvert's, J. Sons	Detroit	Coal and supplies	55		55	
June 21	Calvert's, J. Sons	Detroit	Coal & builders' supplies	30		30	1
Sept. 17	Calvert's, J. Sons	Detroit	Coal and supplies	20		20	
Jan. 3	Cameron, John	Detroit	Plumbing	4		4	
Sept. 7	Campau Cleaning Co.	Detroit	Pressing, etc.	3	1	4	
Nov. 23	Campbell, Frank R.	Detroit	Harness	2		2	
April 26	Campbell, Manson & Sons Co.	Detroit	Leather	39	5	44	4
May 8	Campbell & Mead	Detroit	Brooms	13		13	
Dec. 18	Campbell, William Co., The	Detroit	Fireless cookers	56	6	62	
Sept. 25	Candler, J. D. Co.	Detroit	Roofing	38	1	39	
May 25	Candler, Geo. V. Co.	Detroit	Roofing	28		28	
April 5	Candler Radiator Co.	Detroit	Auto radiators	23		23	1

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE Co.—Con.						
May 17	Candler Radiator Co.	Detroit	Auto radiators.	131	19	150	
Dec. 31	Candler, Robert Co.	Detroit	Roofing.	17	1	18	
Nov. 13	Canfield-Nally.	Detroit	Millinery.		8	8	
Jan. 4	Canto, Jos. E. Cigar Co., The	Detroit	Cigars.	6	6	12	
April 25	Capitol Brass Works	Detroit	Brass goods.	468	9	477	2
April 11	Carkeek Printing Co.	Detroit	Job printing.	5		5	
Jan. 7	Carolin, R. B.	Detroit	Brass goods.	10	1	11	
Dec. 20	Carpenter Chemical Co.	Detroit	Court plasters.	4	6	10	
Sept. 19	Carriere, James.	Detroit	Custom clothing.	3		3	
Oct. 25	Carroll Machine & Tool Co.	Detroit	Tools.	12		12	
May 3	Carson Motor Co.	Detroit	Gasoline engines.	17	1	18	
Nov. 27	Carson & Utter.	Detroit	Cleaning and dyeing.	5	2	7	1
Aug. 23	Carter, Chas. C.	Detroit	Wood working.	20	1	21	
June 19	Cartwright Bros. Granite Co.	Detroit	Monuments.	12		12	
July 18	Case, W. A. & Son Mfg. Co.	Detroit	Closets and tanks.	46	1	47	
Dec. 11	Casey, Edna E.	Detroit	Millinery.		3	3	
May 25	Casket Hardware Mfg. Co., The	Detroit	Casket hardware.	18	3	21	4
Dec. 4	Cass Park Garage.	Detroit	Auto repairing.	2		2	
Jan. 4	Casta, Tony.	Detroit	Baked goods.	7		7	
May 24	Castaluminum Body Co.	Detroit	Auto bodies.	87		87	
Dec. 27	Cataract Refining Co.	Detroit	Lubricants.	2	1	3	
Sept. 6	Catherine Coal & Coke Co.	Detroit	Coal.	4	1	5	
Dec. 6	Caughy-Jossman Co.	Detroit	Seeds.	13	2	15	
Dec. 26	C. & E. Mfg. Co.	Detroit	Window screens.	8		8	
Aug. 31	Central Auto & Wagon Works.	Detroit	Auto repairing.	4		4	
Oct. 25	Central Cut Stone Co.	Detroit	Cut stone.	12		12	
Aug. 20	Central Electric Co.	Detroit	Electrical supplies.	42	5	47	1
April 11	Central Garage.	Detroit	Auto repairing.	11	2	13	
Aug. 14	Central Machine Co.	Detroit	Machinery.	15		15	
July 30	Central Mfg. Supply Co.	Detroit	Sanitary wiping cloths.	2		2	
April 27	Central Oil Co.	Detroit	Oils.	35	1	36	
July 18	Central Pattern Works	Detroit	Patterns.	12		12	
Oct. 22	Central Plating Co.	Detroit	Plating.	3		3	
June 13	Central Repair Works.	Detroit	Auto repairing.	12	1	13	
Oct. 18	Central Specialty Co.	Detroit	Plumbers' supplies.	127	2	129	
May 17	Central Station Steam Co.	Detroit	Heating equipment.	12	1	13	
Nov. 2	Central Storage Co.	Detroit	Storage.	24	1	25	
Jan. 7	Central Tire Repair Co.	Detroit	Vulcanizing.	3		3	
Dec. 4	Century Mfg. Co.	Detroit	Auto repairing.	4		4	
July 12	Chalmers Motor Car Co.	Detroit	Automobiles.	2,974	179	3,153	8
Oct. 4	Champion Brewery Co.	Detroit	Beer.	38		38	
Nov. 16	Chamberlin Metal Weather Strip Co.	Detroit	Weather strips.	47	8	55	1
Oct. 22	Champion Cigar Co., The	Detroit	Cigars.	3	70	73	
June 7	Chapper, F. A. Iron Works.	Detroit	Structural iron.	55	2	57	
May 28	Cheevers, Thos. P.	Detroit	Wax figures.	1		1	
Dec. 4	Chelt-Marshall, Inc.	Detroit	Caps.	6	6	12	
Aug. 16	Chevrolet Motor Co.	Detroit	Auto repairing.	13		13	
Aug. 28	Chicago Hosiery Co.	Detroit	Hosiery.	11	28	39	
Sept. 27	Chicago Pneumatic Tool Co.	Detroit	Tools.	640	6	646	7
Aug. 9	Chicago Ry. Equipment Co.	Detroit	Railway supplies.	23		23	
May 21	Chopa Piston Ring Co.	Detroit	Piston rings.	8		8	1
Nov. 5	Chope, Chas. E. & Co.	Detroit	Truck repairing.	8		8	
May 24	Chope, E. & Son.	Detroit	Wagons.	16		16	
Nov. 7	Christa Marble Co., The.	Detroit	Interior marble work.	44	1	45	
April 13	Christe-Kline Forge Co.	Detroit	Castings, etc.	17	1	18	
Aug. 3	Christe-Kline Forge Co.	Detroit	Machinery.	4		4	
May 25	Chrysler & Koppin.	Detroit	Refrigerators.	26		26	
April 11	Churchill Co., The	Detroit	Auto repairing.	11		11	
May 1	City Bottling Works.	Detroit	Soft drinks.	37		37	2
June 1	City Concrete & Coal Co.	Detroit	Cement blocks.	10		10	



## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE Co.—Con.						
May 29	City Concrete & Coal Co.	Detroit.	Cement blocks.	4	1	5	
Aug. 3	City Lumber Co.	Detroit.	Lumber.	35	3	38	
Jan. 9	City of the Straits Cigar Mfg. Co.	Detroit.	Cigars.	3	90	93	
May 29	City Pattern Works.	Detroit.	Patterns.	44	1	45	1
Oct. 25	City Tire Repair.	Detroit.	Vulcanizing.	2		2	
Aug. 9	Clarke-Cowdin Co., The.	Detroit.	Job printing.	7		7	
July 13	Clark Electric Meter Co.	Detroit.	Electric meters.	14	23	37	5
June 18	Clark James & Sons.	Detroit.	Wagons and trucks.	13		13	
Dec. 20	Clark Mineral Springs Bath House.						
	The	Detroit.	Mineral water.	3		3	
Sept. 13	Clark, S. P. C.	Detroit.	Job printing.	3	1	4	
Nov. 19	Clayton, F. G. Co.	Detroit.	Custom clothing.	21	10	31	
Oct. 16	Clayton & Lambert Mfg. Co.	Detroit.	Sheet metal.	225	32	257	
May 14	Clench & Shannon.	Detroit.	Barbers' specialties.	3	1	4	
Jan. 4	Clifford, J. M. & Co.	Detroit.	Hardwood lumber.	5	1	6	
Sept. 6	Clippert, Geo. H. & Bro. Brick Co.	Detroit.	Brick.	78	1	79	3
Sept. 6	Clippert, Geo. H. & Bro. Brick Co.	Detroit.	Brick.	58		58	
Sept. 6	Clippert, William Brick Mfr.	Detroit.	Brick.	64		64	
Oct. 9	Cloutier-Hoffmeyer Co.	Detroit.	Custom clothing.	8		8	
June 21	Codman, F. L. & J. C. Co.	Detroit.	Bufs and wheels.	8	16	24	2
Dec. 6	Cohen, Mrs. Max.	Detroit.	Millinery.		8	8	
April 19	Coleman, Geo. D.	Detroit.	Auto repairing.	4		4	
June 6	Collard, A. P.	Detroit.	Plumbing.	5	1	6	
June 8	Collier, P. F. & Son.	Detroit.	Books, etc.	18	8	26	
Oct. 30	Collins, T. & R. Truck Co.	Detroit.	Trucking.	43	1	44	
July 21	Colonial Brick Co.	Detroit.	Brick.	2		2	
May 14	Colonial Laundry Co.	Detroit.	Laundry.	27	94	121	
April 10	Colonial Mfg. Co.	Detroit.	Flags, etc.	2	16	18	
Aug. 6	Colonial Printing Co.	Detroit.	Job printing.	1	1	2	
April 28	Colton, Arthur Co.	Detroit.	Machine repairing.	162	5	167	4
Aug. 7	Columbia Brewing Co.	Detroit.	Beer.	17	1	18	
Dec. 4	Columbia Buggy Co.	Detroit.	Buggies, etc.	21		21	
June 20	Columbia Castings Co.	Detroit.	Castings.	32	1	33	
June 7	Columbia Motors Co., The.	Detroit.	Automobiles.	54	2	56	
Dec. 5	Columbia Motor Truck Sales Co.	Detroit.	Auto truck sales.	6	1	7	
Nov. 13	Columbian Picture Frame Mfg. Co.	Detroit.	Picture frames.	11		11	
Oct. 29	Columbia Press.	Detroit.	Job printing.	5	3	8	1
June 1	Columbia Western Mills.	Detroit.	Shades.	37	5	42	
Oct. 26	Commerce Electric Motor Co.	Detroit.	Motor repairing.	3		3	
May 1	Commercial Milling Co.	Detroit.	Flour and feed.	113	11	124	7
Aug. 7	Commerce Motor Car Co., The.	Detroit.	Motor trucks.	138	3	141	
Nov. 23	Commercial Bindery, The.	Detroit.	Book binding.	4	14	18	
Dec. 26	Commercial Electric Supply Co.	Detroit.	Electrical supplies.	22	6	28	3
June 22	Conard Garage.	Detroit.	Auto repairing.	4		4	
June 22	Conkling, S. P.	Detroit.	Pipe coverings.	36		36	
May 28	Conover Press, The.	Detroit.	Job printing.	3	1	4	
Dec. 3	Consolidated Oldsmobile Co., The.	Detroit.	Sales.	9	2	11	
Aug. 28	Consumers Paper Co.	Detroit.	Cleaning rags.	8	11	19	
July 15	Continental Motors Corporation.	Detroit.	Motors.	3,433	64	3,497	18
Nov. 30	Continental Trailer Co.	Detroit.	Trailers.	5		5	
Nov. 22	Conway Brief Co.	Detroit.	Linotype.	57	4	64	3
Sept. 6	Cook, E. R.	Detroit.	Cartage.	7		7	
Jan. 4	Cooper, A. & W.	Detroit.	Builders' supplies.	10	1	11	
Oct. 25	Cook, J. H. Electric Co.	Detroit.	Electrical supplies.	16		16	
June 14	Cooney, A. W. & Co.	Detroit.	Coal and coke.	5	1	6	
Nov. 5	Coonley Medicine Co., The.	Detroit.	Medicine.	2	6	8	
May 1	Cope Pattern Works, The.	Detroit.	Patterns.	43	2	45	2
June 21	Cordes, Warren B.	Detroit.	Brick.	6		6	
May 28	Corneli, William & Sons.	Detroit.	Job printing.	10	2	12	1
Jan. 2	Correct Hat Shop, The.	Detroit.	Millinery.		6	6	
Aug. 29	Costello & Abernethy.	Detroit.	Plumbing.	4	1	5	

## DEPARTMENT OF LABOR.

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE CO.—Con.							
Nov. 5	Cote, Madame	Detroit	Dressmaking		5	5	
Dec. 21	Coupland-Dewey Saw & Mfg. Co.	Detroit	Saws	3		3	
April 30	Cowan, Edward	Detroit	Sheet metal	6		6	
April 12	Cowles, F. L.	Detroit	Blacksmithing	2		2	
June 6	Cowley, F. W.	Detroit	Upholstering	7		7	
April 17	Crane Co.	Detroit	Plumbing supplies	95	12	107	2
June 12	Crawford Laundry Co.	Detroit	Laundry	33	96	129	9
Oct. 10	Crescent Brass & Pin Co.	Detroit	Pins	18	32	50	
Dec. 28	Crescent Electric Co.	Detroit	Electrical supplies	6	2	8	1
Oct. 24	Crescent Laundry & Cleaning Co., The.	Detroit	Laundry	16	46	62	
Aug. 20	Crist, R. C.	Detroit	Motorecycle repairing	4		4	
April 30	Crittall Casement Window Co.	Detroit	Steel windows	76	2	78	
Oct. 30	Cronin Coal Co.	Detroit	Coal	7	1	8	
July 25	Cronin Coal Co.	Detroit	Coal	13		13	
Oct. 22	Crook Electric Co.	Detroit	Electrical supplies	9	1	10	1
June 22	Crosby 6-5-4 Co.	Detroit	Enamel	2	1	3	
Aug. 13	Cross Gear & Engine Co.	Detroit	Gears and engines	27	1	28	
Aug. 20	Cross Laundry Co., The.	Detroit	Laundry	20	54	74	2
May 24	Crowley, John A. Co.	Detroit	Steel	61	2	63	
Oct. 31	Crowley-Milner & Co.	Detroit	Storage	20	1	21	
May 14	Crown Hat Mfg. Co.	Detroit	Ladies' hats	46	128	174	
June 2	Crucible Steel Co. of America	Detroit	Steel goods	7	4	11	
June 13	Cruickshank & Son.	Detroit	Signs	8	2	10	
May 11	Crystal Ice Co.	Detroit	Ice	13		13	
Jan. 2	Crystal Ice Co.	Detroit	Ice	70		70	
Jan. 2	Crystal Washing Machine Co.	Detroit	Washing machines	11	2	13	
Sept. 20	Cudahy Bros. Co.	Detroit	Meats	11		11	
Dec. 6	Cullen, John A.	Detroit	Plumbing	11	1	12	
Jan. 3	Cullen, A. F. & Co.	Detroit	Machinery	8		8	
Aug. 27	Culver-Taylor Ghain Works.	Detroit	Chains	10	5	15	
April 30	Cummings-Moore Graphite Co.	Detroit	Graphite	6	1	7	
Dec. 4	Cunningham Auto Co.	Detroit	Auto repairing	22		22	
May 21	Currier Auto Co.	Detroit	Auto repairing	4		4	
Dec. 28	Currie, Thos. E.	Detroit	Paving contracting	233	2	235	
Nov. 23	Curtis Co., The	Detroit	Job printing	42	20	62	
Oct. 25	Curtis Door & Sash Co.	Detroit	Lumber	10	1	11	
Nov. 28	Cutler, C. L. & Co.	Detroit	Plumbing	6	1	7	
May 17	Cyclone Fence Co.	Detroit	Wire fences	5	2	7	
Aug. 23	D. A. C. Garage	Detroit	Auto repairing	19	2	21	
May 9	Dafoe-Eustice Co.	Detroit	Canvas goods	12	31	43	
Nov. 7	Daigle Iron Works	Detroit	Structural iron	76	2	78	
Jan. 2	Damaschke & Spader	Detroit	Wagons and trucks	4		4	
Sept. 4	Daniel, Jacob Brick Co.	Detroit	Brick	23		23	1
April 18	Dann, Louis & Sons	Detroit	Scrap metal	9		9	1
Jan. 3	Danto & Co.	Detroit	Fish	9		9	
Nov. 1	Davis Cigar Co., Inc.	Detroit	Cigars	6	21	27	
Jan. 2	Davis Coal & Coke Co.	Detroit	Coal and coke	10	1	11	
June 6	Davis' Greenhouse	Detroit	Flowers	3		3	
Oct. 29	Davis, John J. & Sons	Detroit	Plumbing	34	1	35	
Dec. 12	Davis Millinery	Detroit	Millinery	4		4	
Nov. 9	Davis Screen & Weather Strip Co.	Detroit	Weather strips	6	1	7	
April 9	D. & C. Shops	Detroit	Repairing	37		37	
April 9	D. & C. Shops	Detroit	Repairing	6		6	
Nov. 30	Dean, Harry J. Co., The	Detroit	Interior decorating	82	15	97	
Nov. 27	Deane, C. H. Co.	Detroit	Plumbing	22	1	23	1
May 25	Dean & Sherk	Detroit	Cotton thread	19	28	47	
June 12	Decker & Lindstrom	Detroit	Auto repairing	7	1	8	
Aug. 10	DeCroupet Iron Works	Detroit	Structural iron	20		20	
May 21	DeGalan, Henry V. Co.	Detroit	Wood turning	4		4	
Sept. 5	Deinzer Mfg. Co.	Detroit	Furniture	38	3	41	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>WAYNE Co.—Con.</b>							
May 29	Delphe Specialty Mfg. Co.	Detroit	Locks	96	1	97	5
June 11	Delray Truck & Storage Co.	Detroit	Trucking and storage	17		17	
Aug. 9	Delta Block & Supply Co.	Detroit	Cement blocks	7		7	
June 1	Delta Brick & Tile Co.	Detroit	Brick and tile	36		36	
Nov. 21	DeLuxe Laundry Co.	Detroit	Laundry	22	40	62	1
Oct. 25	Denby Motor Truck Co.	Detroit	Motor trucks	119	14	133	
Oct. 24	Denise, Maison	Detroit	Millinery	1	5	6	
June 13	Dent, C. S. & Co.	Detroit	Medicine	1	6	7	
May 17	DePalma Mfg. Co.	Detroit	Automobiles	15		15	
Aug. 30	Department of Public Works	Detroit	Stone	15		15	
Aug. 29	Department of Public Works	Detroit	Paving materials	45		45	
Aug. 13	Department of Public Works	Detroit	Stone	9		9	
Aug. 13	Department of Public Works	Detroit	Asphalt	90		90	
Aug. 13	Department of Public Works	Detroit	Paving materials	50		50	
Nov. 7	Department of Public Works	Detroit	Auto repairing	15		15	
June 19	Department of Public Works	Detroit	Garbage collection	136		136	
Aug. 13	Department of Public Works	Detroit	Blacksmithing	2		2	
Aug. 13	Department of Public Works	Detroit	Brooms	2		2	
Nov. 16	DeSaulier, Alex. J.	Detroit	Dress plaiting	4		4	
Dec. 27	Desendorf Millinery	Detroit	Millinery	5	5	5	
June 11	Detlaff, A. J. Co.	Detroit	Auto parts	55	5	60	
Jan. 7	Detroit Accessories Corporation	Detroit	Motor parts	75	21	96	2
Aug. 28	Detroit Alaska Knitting Mills	Detroit	Hosiery	9	72	81	
June 18	Detroit Architectural Iron Works	Detroit	Iron work	11	1	12	
Dec. 28	Detroit Asphalt Paving Co.	Detroit	Asphalt paving	86	2	88	
May 11	Detroit Asphalt Paving Co.	Detroit	Asphalt	22		22	
Sept. 4	Detroit Auto Dash Co.	Detroit	Auto dashes	42	2	44	
Nov. 27	Detroit Auto Garage	Detroit	Auto repairing	4		4	
June 21	Detroit Automatic Clamp Co.	Detroit	Hose clamps	7	6	13	1
Aug. 16	Detroit Automatic Scale Co.	Detroit	Scales	184		184	
Jan. 7	Detroit Auto Piston Co.	Detroit	Pistons	13		13	
Oct. 9	Detroit Auto Products Co.	Detroit	Auto bodies	66	6	72	
July 19	Detroit Auto Specialty Co., Inc.	Detroit	Auto parts	274	17	291	3
May 28	Detroit Axle Co.	Detroit	Auto axles	16		16	
Nov. 7	Detroit Baking Co.	Detroit	Baked goods	100	9	109	
Oct. 31	Detroit Barber Supply Co.	Detroit	Barbers' supplies	3		3	
Sept. 27	Detroit Battery Co.	Detroit	Batteries	64	5	69	2
Sept. 12	Detroit Bedding Co.	Detroit	Bedding	13	3	16	
Oct. 30	Detroit Beef Co.	Detroit	Meats	28		28	
April 24	Detroit Belt Lacer Co.	Detroit	Belt lacers	4		4	
Nov. 22	Detroit Blow Pipe Co.	Detroit	Pipes	7		7	
June 8	Detroit Blue Print & Supply Co.	Detroit	Blue prints	8		8	4
July 18	Detroit Brass Works	Detroit	Brass goods	364	46	410	42
Aug. 28	Detroit Brewing Co.	Detroit	Beer	160	1	161	
Dec. 18	Detroit Butcher Supply Co.	Detroit	Supplies	15	5	20	
Sept. 27	Detroit Cabinet Works	Detroit	Furniture	162	3	165	1
Dec. 18	Detroit Candy Co.	Detroit	Candy	12	27	39	
May 14	Detroit Canvas Mfg. Co.	Detroit	Awnings	5	4	9	1
May 2	Detroit Casket Co.	Detroit	Caskets	35	8	43	3
Aug. 23	Detroit Chair Mfg. Co.	Detroit	Chairs	40	1	41	1
June 21	Detroit Chemical Works	Detroit	Chemicals	78		78	
June 12	Detroit Chicle Products Co.	Detroit	Chewing gum	2	2	4	1
April 30	Detroit City Gas Co.	Detroit	Gas	1,394	203	1,597	4
Aug. 9	Detroit City Gas Co.	Detroit	Gas	30		30	
June 15	Detroit Coil Co.	Detroit	Spark coils	5	4	9	
Oct. 12	Detroit Coin Wrapper Co., The	Detroit	Coin wrappers	10	12	22	
June 13	Detroit Cold Storage, Ltd.	Detroit	Storage	6		6	
July 18	Detroit Column Mfg. Co.	Detroit	Columns	17	1	18	
April 19	Detroit Concrete Receptacle Co.	Detroit	Concrete receptacle	7		7	
July 13	Detroit Copper & Brass Rolling Mills	Detroit	Copper and brass	2,149	17	2,166	1

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE Co.—Con.							
May 17	Detroit Cornice & Slate Co.	Detroit	Sheet metal	23		23	
Dec. 3	Detroit Costume Co.	Detroit	Costumes			2	
Aug. 24	Detroit Creamery Co.	Detroit	Dairy products	59		61	
Nov. 26	Detroit Creamery Co.	Detroit	Dairy products	63		71	
Oct. 16	Detroit Creamery Co.	Detroit	Ice cream, etc.	920	36	959	
Oct. 18	Detroit Creamery Co.	Detroit	Repairing, etc.	160	2	162	
July 20	Detroit Cut Stone Co.	Detroit	Cut stone	19		19	
Aug. 17	Detroit Daily Abend-Post.	Detroit	Printing	31		31	
Sept. 20	Detroit Decorative Supply Co., Ltd.	Detroit	Plaster articles	13	1	14	
Oct. 12	Detroit Dental Mfg. Co.	Detroit	Dental goods	16	31	47	
June 6	Detroit Die & Tool Co.	Detroit	Tools	8		8	1
July 13	Detroit Door & Sash Co.	Detroit	Doors, etc.	8		8	
May 21	Detroit Drop Hammer Board Co.	Detroit	Hammer boards	8		8	
May 17	Detroit Edge Tool Works	Detroit	Machine knives	18		18	
Aug. 27	Detroit Edison Co., The	Detroit	Electricity	3,220	243	3,463	150
Oct. 16	Detroit Egg Biscuit & Specialty Co.	Detroit	Baked goods	10	6	16	2
May 15	Detroit Electric Co.	Detroit	Motors	7		7	
Dec. 3	Detroit Electric Car Co.	Detroit	Electric cars, etc.	40	2	42	
May 17	Detroit Electrotype Co.	Detroit	Electrotypes	8	1	9	
Aug. 13	Detroit Elevator Co.	Detroit	Elevators	6	1	7	1
Dec. 5	Detroit Enterprise Millinery, The	Detroit	Millinery	1	2	3	
Oct. 29	Detroit Excelsior Works	Detroit	Excelsior	17	1	18	
Sept. 25	Detroit Fire Department	Detroit	Repairing	21		21	
May 15	Detroit Forging Co.	Detroit	Forging	461	4	465	5
Oct. 17	Detroit Foundry Co.	Detroit	Castings	209	1	210	
May 17	Detroit Free Press, The	Detroit	Printed matter	345	29	371	3
Nov. 8	Detroit Free Press Garage	Detroit	Auto repairing	5		5	
April 11	Detroit Fur Dressing & Dyeing Co.	Detroit	Furs	5		5	
May 23	Detroit Furnace Co.	Detroit	Blasting	60		60	
Aug. 13	Detroit Furnace & Stove Repair Co.	Detroit	Stove repairing	15	1	16	
Aug. 15	Detroit Furniture Mfg. Co.	Detroit	Furniture	24		24	
Oct. 5	Detroit Fuse & Mfg. Co.	Detroit	Electrical specialties	147	47	194	8
Dec. 6	Detroit Garage, The	Detroit	Auto repairing	9	1	10	
May 23	Detroit Garment Cleaning Works	Detroit	Cleaning, etc.	5	3	8	
May 25	Detroit Gauge & Metal Stamping Co.	Detroit	Metal stampings	26	14	40	
April 15	Detroit Gear & Machine Co.	Detroit	Auto transmissions	406	4	410	1
May 28	Detroit Glove & Mfg. Co.	Detroit	Gloves	3	15	18	
Nov. 7	Detroit Granite Co.	Detroit	Monuments	15		15	
Nov. 5	Detroit Graphite Co.	Detroit	Paints	83	21	104	
April 5	Detroit Gray Iron Foundry Co.	Detroit	Castings	54	1	55	
June 6	Detroit Grinding Wheel Co.	Detroit	Grinding wheels	68	2	70	
June 15	Detroit Hardware Specialty Co.	Detroit	Polishing	10		10	1
Dec. 3	Detroit Haynes Automobile Co., Inc.	Detroit	Auto sales and repairing	7	2	9	
May 23	Detroit Heating & Lighting Co.	Detroit	Heat and light	150	4	163	
Jan. 7	Detroit Heating & Refrigerating Co.	Detroit	Heating	19		19	
Oct. 25	Detroit Hoist & Machine Co.	Detroit	Hoisting machines	35	2	37	1
Nov. 30	Detroit Ice Machine Co.	Detroit	Ice machines	25	1	26	
May 31	Detroit Innovation Co.	Detroit	Wood turning	7	2	9	
April 18	Detroit Insulated Wire Co.	Detroit	Insulated wire	208	93	301	40
Oct. 30	Detroit Jewelry Mfg. Co.	Detroit	Jewelry	5		5	
Sept. 13	Detroit Journal Co., The	Detroit	Printed matter	147	28	175	1
Sept. 7	Detroit Junk Co.	Detroit	Junk	2	2	4	
Nov. 28	Detroit Laundry	Detroit	Laundry	12	25	37	
Dec. 20	Detroit Laundry Mach. & Supply Co.	Detroit	Machinery	4	2	6	
Nov. 16	Detroit Lead Pipe Works	Detroit	Plumbing supplies	19	2	21	
July 19	Detroit Leather Specialty Co., Inc.	Detroit	Leather goods	31	4	35	7
June 11	Detroit Leather Works	Detroit	Leather goods	22	5	27	4
May 4	Detroit Legal News Co., The	Detroit	Printed matter	30	7	37	1
April 26	Detroit Lighting Fixture Co.	Detroit	Electric fixtures	12	2	14	
May 17	Detroit Lithograph Co.	Detroit	Lithographing	25		25	1

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE Co.—Con.							
July 19	Detroit Lubricator Co.	Detroit	Brass goods.	855	50	905	16
Aug. 28	Detroit Lumber Co.	Detroit	Lumber	303	7	310	3
June 8	Detroit Mailing Co.	Detroit	Mailing	3		3	
Aug. 17	Detroit Mantel & Tile Co.	Detroit	Lighting fixtures	48	5	53	
June 21	Detroit Marble & Mosaic Co., The.	Detroit	Marble.	40	1	41	
July 5	Detroit Market Press, Inc.	Detroit	Job printing	4		4	
Aug. 6	Detroit Marvel Brass Mfg. Co.	Detroit	Brass goods.	12		12	
Nov. 22	Detroit Mausoleum Equipment Works.	Detroit	Bronze work	15		15	
April 27	Detroit Metallic Bed Co.	Detroit	Beds.	5		5	
Oct. 1	Detroit Metallic Casket Co.	Detroit	Caskets.	26	6	32	1
July 10	Detroit Metal Refining Co.	Detroit	Refining.	23	1	24	
Aug. 10	Detroit Metal Spinning Co.	Detroit	Metal spinning.	8	1	9	
April 12	Detroit Metal & Steel Works.	Detroit	Structural iron	34	1	35	
July 30	Detroit Mill & Lumber Co.	Detroit	Sash doors, etc.	2	1	3	
Dec. 20	Detroit Mineral Springs Bath House.	Detroit	Mineral water.	3		3	
Nov. 1	Detroit Miniature Lamp Division.	Detroit	Incandescent lamps.	20	78	98	
April 28	Detroit Mirror Works.	Detroit	Mirrors	35	1	36	
June 7	Detroit Motor Casting Co.	Detroit	Castings	83	3	86	
Aug. 14	Detroit Motor Sales Co., Inc.	Detroit	Auto sales	25		25	
Nov. 2	Detroit Multiplier Co., The.	Detroit	Multipliers.	11		11	
April 6	Detroit Name Plate Etching Co.	Detroit	Brass signs.	12	4	16	
Oct. 25	Detroit Northern Review.	Detroit	Printing.	2		2	
June 11	Detroit Novelty Mfg. Co.	Detroit	Auto accessories.	2	3	5	
July 9	Detroit Nut Co.	Detroit	Nuts	93	1	94	26
Dec. 31	Detroit Oak Belting Co.	Detroit	Leather belting.	64	4	68	
May 25	Detroit Oil Cloth Co.	Detroit	Oil cloth.	8		8	
Dec. 7	Detroit Overall Laundry Co.	Detroit	Overall laundry.	5	7	12	
Nov. 26	Detroit Paper Ruling Co.	Detroit	Printing	3	2	5	
April 4	Detroit Paper Stock Co.	Detroit	Paper stock	40	41	81	
Mar. 22	Detroit Paper Tube & Can Co., Ltd.	Detroit	Paper tubes and cans.	10	8	18	2
May 7	Detroit Pattern Works.	Detroit	Patterns.	22		22	2
Nov. 22	Detroit Photo Engraving Co.	Detroit	Engraving.	16	2	18	3
Oct. 22	Detroit Piston Ring Co.	Detroit	Piston rings.	71	2	73	25
May 4	Detroit Pop Corn Novelty Co.	Detroit	Pop corn.	1		1	
Sept. 7	Detroit Pressed Steel Co.	Detroit	Pressed steel parts.	563	7	570	3
June 20	Detroit Princess Mfg. Co.	Detroit	Dresses.	38	466	504	6
June 13	Detroit Printers' Roller Works	Detroit	Printers' rollers.	6		6	
June 11	Detroit Printing & Stationery Co.	Detroit	Job printing	14	4	18	
Sept. 4	Detroit Pulley Co.	Detroit	Wood pulleys.	37	1	38	2
Aug. 10	Detroit Rack Co.	Detroit	Metal furniture.	3	1	4	
May 16	Detroit Range Boiler Co.	Detroit	Range boilers.	165	3	168	7
May 25	Detroit Reamer Salvage Co.	Detroit	Reamers.	14	1	15	
Nov. 13	Detroit Receiving Hospital.	Detroit	Laundry	34	52	86	
Nov. 20	Detroit Refrigerating Co.	Detroit	Cold storage.	100	1	101	
April 27	Detroit River Iron Works.	Detroit	Wood patterns.	27	1	28	
April 27	Detroit River Iron Works.	Detroit	Machine repairing.	14	1	15	
Nov. 23	Detroit Rotary Gravure Co.	Detroit	Photo gravure.	13	1	14	
Aug. 9	Detroit Rubber Stamp Co.	Detroit	Steel stamps, etc.	7	1	8	
Oct. 9	Detroit Rug Works.	Detroit	Rugs.	6	1	7	
Aug. 15	Detroit Sand & Gravel Co.	Detroit	Building supplies.	13		13	
May 25	Detroit Sanitary Brush Co., The.	Detroit	Erushes	3	3	6	
Dec. 3	Detroit Sanitary Supply Co.	Detroit	Brass goods.	79		79	1
Nov. 22	Detroit Saturday Night.	Detroit	Printed matter	18	6	24	1
April 6	Detroit Saw & Brazing Works.	Detroit	Welding and brazing.	3		3	
June 20	Detroit Saw & Tool Co.	Detroit	Saws.	14		14	1
April 25	Detroit Screen & Mfg. Co.	Detroit	Screens.	3		3	
April 30	Detroit Screw Works.	Detroit	Screws.	633	35	668	
June 15	Detroit Seamless Steel Tubes Co.	Detroit	Tubes.	373	4	377	
Oct. 12	Detroit Sheet Metal Works.	Detroit	Sheet metal.	9		9	
June 4	Detroit Shingle & Mfg. Co., The.	Detroit	Metal stamping.	13		13	1

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whose number employed.	Number who were under 16 years of age.
WAYNE CO.—Con.							
April 4	Detroit Shipbuilding Co.	Detroit	Ships and engines.	770	8	778	2
Nov. 19	Detroit Shoe Repairing Co.	Detroit	Shoe repairing.	3	3	3	
June 7	Detroit Show Card Co., The	Detroit	Signs.	3	3	3	
Sept. 11	Detroit Show Case Co.	Detroit	Show cases.	62	4	66	
Aug. 22	Detroit Skirt & Dress Co.	Detroit	Skirts and dresses.	7	12	19	
May 16	Detroit Slipper Mfg. Co.	Detroit	Ladies' slippers.	12		12	
April 12	Detroit Smelting Co.	Detroit	Smelting.	11		11	
June 15	Detroit Socket Co.	Detroit	Bow sockets.	88	5	93	
June 7	Detroit Soda Products Co.	Detroit	Soda.	29	6	35	
May 1	Detroit Soluble Oil Co.	Detroit	Oil.	4		4	
Dec. 10	Detroit Stained Glass Works	Detroit	Glass.	11		11	1
June 19	Detroit Stamping Co.	Detroit	Metal stamping.	34	2	36	8
Aug. 9	Detroit Starter Co.	Detroit	Starters.	21	14	35	2
Oct. 25	Detroit Steam Carpet Cleaning Works	Detroit	Carpet cleaning.	24	3	27	
April 20	Detroit Steel Casting Co.	Detroit	Steel castings.	518	4	522	
Sept. 26	Detroit Steel Products Co.	Detroit	Sash and springs.	1,028	98	1,126	22
Oct. 17	Detroit Stoker Co.	Detroit	Stokers.	79	2	81	
Nov. 30	Detroit Storage Co.	Detroit	Moving and storage.	49	1	50	
Oct. 19	Detroit Storage Co.	Detroit	Storage.	10	1	11	
Aug. 31	Detroit Store Fixture Co.	Detroit	Show cases.	23	1	24	
April 16	Detroit Stove Works.	Detroit	Stoves.	979	36	1,015	40
Aug. 24	Detroit Sulphite Pulp & Paper Co.	Detroit	Paper.	582	18	600	
April 23	Detroit Suspender Co.	Detroit	Suspenders.	1	6	7	
Dec. 4	Detroit Tailors	Detroit	Tailoring.	8	5	13	1
June 11	Detroit Taxicab & Transfer Co.	Detroit	Transportation.	189	9	198	
April 3	Detroit Taxicab & Transfer Co.	Detroit	Passenger service.	81	3	84	
Aug. 20	Detroit Technical Institute.	Detroit	Technical institute.	16	2	18	1
July 13	Detroit Textile Fabric Co.	Detroit	Textile fabrics.	7	7	14	
Oct. 23	Detroit Times Co.	Detroit	Printed matter.	50	9	59	
Dec. 21	Detroit, Toledo & Ironton R. R. Co.	Detroit	Freight transportation.	18	7	25	
Oct. 19	Detroit Tool Co.	Detroit	Tools, etc.	67		67	3
Oct. 26	Detroit Tool & Machine Mfg. Co.	Detroit	Tools, etc.	12		12	
Oct. 4	Detroit Torch & Mfg. Co.	Detroit	Brass goods.	13		13	
Dec. 20	Detroit Towel Supply Co.	Detroit	Coats, aprons and towels.	25	27	52	
April 27	Detroit Trailer Co., Inc.	Detroit	Auto trailers.	31	1	32	
Nov. 21	Detroit Truck Co.	Detroit	Trucks.	15	4	19	
Aug. 28	Detroit Tube Products Co.	Detroit	Tubes.	3		3	
April 19	Detroit Twist Drill Co.	Detroit	Twist drills.	437	51	488	62
Nov. 22	Detroit Typesetting Co.	Detroit	Typesetting.	18	1	19	
June 21	Detroit Typewriter Co.	Detroit	Typewriters.	9	3	12	
Oct. 19	Detroit Union Railroad Depot & Station Co.	Detroit	Grain.	15		15	
July 25	Detroit United Railway	Detroit	Car repairing.	48		48	
July 20	Detroit United Railway	Detroit	Car repairing.	9		9	
Sept. 7	Detroit United Railway	Detroit	Electricity.	2		2	
Sept. 12	Detroit United Railway	Detroit	Transportation storage.	17	1	18	
Oct. 10	Detroit United Railway	Detroit	Car repairing.	13		13	
July 5	Detroit United Railway	Detroit	Air.	3		3	
Oct. 1	Detroit United Railway	Detroit	Street cars.	12		12	
July 24	Detroit Vapor Stove Co., The	Detroit	Oil stoves.	222	5	227	
July 9	Detroit Vault Co.	Detroit	Cement vaults.	5	1	6	4
Dec. 20	Detroit Water Works	Detroit	Water.	40	1	41	
Dec. 26	Detroit Welding Specialty Co.	Detroit	Welding.	3		3	
Oct. 11	Detroit White Lead Works	Detroit	Paints.	124	41	165	7
May 25	Detroit Wire Bound Box Co.	Detroit	Boxes.	27	1	28	5
April 30	Detroit Wire Fabric & Mfg. Co.	Detroit	Wire fences.	6		6	
May 29	Detroit Wire & Iron Works	Detroit	Wire.	4	1	5	
Oct. 22	Detroit Wire Lamp Shade Co.	Detroit	Wire lamp shades.	5		5	
Oct. 26	Detroit Wire Spring Co.	Detroit	Wire springs.	725	7	732	40
Dec. 27	Detroit Wood Products Co.	Detroit	Wood turnings.	23	1	24	4
April 5	Detroit Works, The	Detroit	Hardware.	13	1	14	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>WAYNE Co.—Con.</b>							
May 24	Detroit Motor Car Co.	Detroit.	Motor cars.	79	12	91	
Sept. 11	Detroit Wochenblatt Pub. Co., Inc.	Detroit.	Printing.	8	1	9	
Oct. 30	Deuel, Chas. C. Co.	Detroit.	Sheet metal.	13		13	
Oct. 26	Diamond Coal & Coke Co.	Detroit.	Coal and coke.	18		18	
Oct. 29	Diamond Power Specialty Co.	Detroit.	Soot blowers.	10		10	
Nov. 21	Diamond Power Specialty Co.	Detroit.	Soot blowers.	95	21	116	1
Jan. 4	D'Hondt, Victor.	Detroit.	Plumbing.	5		5	
Oct. 15	Dickinson, H. H. Co.	Detroit.	Builders' supplies.	12		12	
Oct. 15	Dickinson, H. H. Co.	Detroit.	Builders' supplies.	8		8	
Oct. 15	Dickinson, H. H. Co.	Detroit.	Builders' supplies.	22	3	25	
Oct. 15	Dickinson, H. H. Co.	Detroit.	Builders' supplies.	7	1	8	
July 27	Dickinson, H. H. Co.	Detroit.	Builders' supplies.	30	3	33	
June 12	Dickinson, Samuel Co., The.	Detroit.	Plumbing.	12	1	13	2
Jan. 7	Diehl, Wm. Sons.	Detroit.	Building supplies.	13		13	
Aug. 10	Dieterle & Rundell.	Detroit.	Custom clothing.	6		6	
June 4	Dietsche, A. C.	Detroit.	Post cards.	5	6	11	1
Jan. 9	Diets Printing Co.	Detroit.	Job printing.	3		3	
Oct. 24	Digestive Ferments Co.	Detroit.	Ferments.	23	10	33	
Oct. 19	Disco Electric Starter Corporation.	Detroit.	Electric starters.	104	2	106	
Nov. 28	Disner, Harry & Co.	Detroit.	Custom clothing.	2		2	
Dec. 7	Disner, M.	Detroit.	Custom clothing.	3		3	
May 17	Dispatch Laundry Co., The.	Detroit.	Laundry.	19	76	95	
Dec. 19	Dispatch Printing Co.	Detroit.	Printing.	11		11	1
Nov. 30	Dittrich, E. C. & Co.	Detroit.	Furs.	10	13	23	
July 6	Ditler Color Co.	Detroit.	Paints.	42	6	48	
July 11	Doan, John T.	Detroit.	Stationery.	1	1	2	
Oct. 17	Doble-Detroit Steam Motors Co.	Detroit.	Steam motors.	39	1	40	
Nov. 21	Doemer, A. & Son.	Detroit.	Candies.	2	1	3	
Nov. 9	Doherty, Margaret V.	Detroit.	Millinery.		2	2	
Dec. 20	Dolan, F. L.	Detroit.	Blacksmithing.	2		2	
Aug. 9	Donahue & Shoebottom.	Detroit.	Electrical supplies.	29		29	
May 7	Dongan Electric Mfg. Co.	Detroit.	Electrical instruments.	9	6	15	
Dec. 4	Doolittle, C. Mrs.	Detroit.	Millinery.		2	2	
April 11	Dordea, John F.	Detroit.	Machine repairing.	3		3	
Nov. 23	Dore, Dorothy.	Detroit.	Dressmaking.		4	4	
Aug. 20	Dossin, E. J.	Detroit.	Food products.	5	12	17	
June 22	Double Seal Tire Valve Co.	Detroit.	Valves.	2	2	4	
Dec. 6	Doughty, W. J.	Detroit.	Auto repairing.	9	1	10	
Oct. 10	Douglass & Lamaason Co.	Detroit.	Auto accessories.	165	6	171	
May 31	Down Town Garage.	Detroit.	Auto repairing, etc.	12	1	13	
May 31	Down Town Garage.	Detroit.	Washing, etc.	5		5	
June 21	Doyle, Jos. J. & Co.	Detroit.	Heating.	7	1	8	
Dec. 14	Doyle, Thos. J.	Detroit.	Auto distribution.	33	6	39	
Oct. 30	Drinkaus Co., The.	Detroit.	Mouldings, etc.	8	1	9	1
Nov. 16	Droste, John.	Detroit.	Custom clothing.	2		2	
Dec. 6	Droste, Miss R.	Detroit.	Millinery.		3	3	
Dec. 28	Drulard, Mrs. A.	Detroit.	Millinery.		3	3	
Sept. 12	Dueweke, F. E.	Detroit.	Grain.	4	1	5	
April 26	Dumond Coal & Cartage Co.	Detroit.	Coal and cartage.	4		4	
Nov. 9	Duncan, E. L.	Detroit.	Millinery.		2	2	
Aug. 8	Duncan & Ferschneider.	Detroit.	Job printing.	4		4	
Dec. 20	Dunne, Arthur P.	Detroit.	Cartage.	4		4	
Aug. 17	Durand & Co.	Detroit.	Cleaning and dyeing.	11	9	20	4
Nov. 26	D. & W. Auto Radiator Repairing Co.	Detroit.	Auto repairing.	4		4	
June 19	Eagle Cornice & Roofing Co.	Detroit.	Roofing.	34		34	4
June 22	Eagle Paper Box Co.	Detroit.	Paper boxes.	8	36	44	2
Aug. 22	Eagle Printing Ink Co., The.	Detroit.	Printing ink.	2		2	1
Aug. 6	Eastern Motor Sales & Service Co.	Detroit.	Auto sales and repairing.	14		14	
May 25	Eastern Production Co.	Detroit.	Machinery.	189	2	191	
June 14	Eastern Stone Co.	Detroit.	Cut stone.	10		10	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE Co.—Con.							
Aug. 30	East Side Bottling Works	Detroit	Soft drinks	9	1	10	
Jan. 4	East Side Cartage & Storage Co.	Detroit	Cartage and storage	4		4	
Aug. 7	East Side Coal Co.	Detroit	Coal	11		11	
Nov. 9	East Side Creamery Co.	Detroit	Dairy products	87	7	94	1
Sept. 10	East Side Junk Co., The	Detroit	Junk	4	3	7	
Dec. 7	East Side Millinery	Detroit	Millinery		2	2	
Sept. 11	East Side Scrap Iron & Metal Co.	Detroit	Junk	5		5	
April 18	Faton-Clark Co.	Detroit	Chemicals	9		9	
Oct. 31	Eberts Bros.	Detroit	Roofing	12		12	
May 16	Eckliff Automatic Boiler Circulator Co.	Detroit	Circulators	6		6	
Oct. 18	Eclipse Counterbore Co.	Detroit	Tools	25	9	34	1
June 25	Eclipse Counterbore Co.	Detroit	Tools	17	1	18	
Nov. 26	Eclipse Welding & Cutting Works	Detroit	Welding	3		3	
Nov. 21	Economy Machine & Tool Co.	Detroit	Tools, dies and jigs	15		15	
Nov. 14	Eddy-Frost Co.	Detroit	Millinery		6	6	
Oct. 18	Edgar, W. H. & Son	Detroit	Sugar and syrup	24		24	
Oct. 18	Edgar's Sugar House	Detroit	Sugar	116	17	133	3
May 25	Edmonds & Fulton Co., The	Detroit	Screws	16		16	3
July 10	Edmunds & Jones Corporation	Detroit	Auto lamps	584	118	702	1
Aug. 9	Edwards Mfg. Co.	Detroit	Bindings	8	3	11	
Aug. 8	Effron Coal & Coke Co.	Detroit	Coal and coke	8	1	9	
Aug. 15	Egle Bros. Mfg. Co.	Detroit	Brick	14		14	
Dec. 7	Eismann Magneto Co., The	Detroit	Magnetoes	6	1	7	
Aug. 28	Ekhardt & Becker	Detroit	Beer	53	2	55	
July 5	Electric Depot Co.	Detroit	Freight	218		218	
Aug. 8	Electrograph Co., The	Detroit	Printing	3	5	8	1
June 14	Electro Gravure Co.	Detroit	Photo engraving	6		6	
Dec. 3	Elias-Modes	Detroit	Ladies' tailoring	3	2	5	
Nov. 8	Elite Laundry	Detroit	Laundry	7	14	21	
Nov. 5	Elizabeth Garage Annex	Detroit	Auto repairing	7		7	
May 23	Elliott Woodworker Co., The	Detroit	Machinery	11	1	12	1
June 20	Elmer's Garage	Detroit	Auto repairing	5		5	
April 26	Emerson, Wm. H. & Sons	Detroit	Separators	11	7	18	
Aug. 30	Empire Laundry Co.	Detroit	Laundry	16	52	68	
Dec. 5	Emporium World Millinery	Detroit	Millinery	3	23	26	
April 26	England Mfg. Co.	Detroit	Automobile parts	145	1	146	
May 29	Englander, J. A. & Son	Detroit	Hats	5	15	20	
Nov. 12	English Woolen Mills Co., Inc., The	Detroit	Tailoring	27	9	36	
Aug. 27	Enterprise Foundry Co.	Detroit	Castings	176		176	
April 24	Enterprise Electro Plating & Mfg. Co.	Detroit	Electro plating	22	1	23	2
Dec. 18	Eppinger, Lou J. Co., The	Detroit	Furs	2	4	6	
Oct. 31	Erdman-Guider Co.	Detroit	Auto repairing	72	4	76	
Dec. 3	Ernst Bros. Co.	Detroit	Plumbing	104	4	108	
April 15	Essex, G. B. Brass Co., The	Detroit	Brass goods	63	2	65	
Dec. 4	Fasex-Mitchell Millinery	Detroit	Millinery		5	5	
June 7	Esterling, Chas. J. Printing Co.	Detroit	Job printing	15	2	17	1
May 28	Eureka Garment Cleaning & Dyeing Co.	Detroit	Cleaning and dyeing	3	1	4	
Oct. 22	Eureka Japanning Co.	Detroit	Japanning	2		2	
Aug. 14	Evans-Winter-Hebb, Inc.	Detroit	Printing and engraving	89	19	108	4
April 20	Evening News Association, The	Detroit	Printing	397	50	447	6
Aug. 14	Everitt Bros.	Detroit	Painting	267	40	307	3
Nov. 10	Excelsior Tool & Gauge Co.	Detroit	Machine repairing	25	1	26	2
Dec. 3	Exide Battery Depots, Inc.	Detroit	Auto batteries	35	5	40	5
June 2	Fairbanks, Morse & Co.	Detroit	Scales, etc.	13	3	16	
Dec. 20	Fairview Pumping Station	Detroit	Sewer pumping	11		11	
Dec. 4	Faltis Market Co.	Detroit	Poultry	22	2	24	
Dec. 6	Famabella Co., Inc., The	Detroit	Food products	3	2	5	
Sept. 19	Fame Laundry Co., The	Detroit	Laundry	15	58	73	
Nov. 22	Famous Hand Laundry, The	Detroit	Laundry	4	1	5	
Oct. 22	Famous Shoe Repair Co.	Detroit	Shoe repairing	12		12	



Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>WAYNE Co.—Con.</b>							
Jan. 8	Fangert, H. & Co.	Detroit	Auto repairing	7		7	
April 25	Farin Bros.	Detroit	Sheet metal	9		9	1
July 13	Farrand, Wm. R.	Detroit	Storage	6		6	
Nov. 28	Farrell, James M.	Detroit	Furs	4	5	9	1
Dec. 6	Fashion Garage, Inc.	Detroit	Auto repairing	6	1	7	
Dec. 6	Fashion Millinery	Detroit	Millinery		3	3	
Dec. 11	Fay Millinery	Detroit	Millinery		2	2	
Dec. 28	Federal Auto Top Co.	Detroit	Auto tops	2	1	3	
Oct. 10	Federal Brass Works	Detroit	Brass goods	82	2	84	
April 26	Federal Motor Truck Co.	Detroit	Motor trucks	490	40	520	
Oct. 1	Feerer Sanitary Wiping Cloth Co.	Detroit	Wiping cloths	7	12	19	
Sept. 10	Feigenson Bros.	Detroit	Mineral water	13	1	14	1
Sept. 7	Feldstein, J.	Detroit	Junk	6	3	9	
July 20	Feldstein, J. M.	Detroit	Soft drinks	5	1	6	
Dec. 27	Fellrath, John	Detroit	Coal and coke	5		5	
May 14	Fentress-Newton Mfg. Co.	Detroit	Motorcycle accessories	11	1	12	
Sept. 19	Fenwick Laundry Co.	Detroit	Laundry	9	21	30	
April 27	Ferro Stamping & Mfg. Co.	Detroit	Metal stamping	81		81	
June 11	Ferris-Crane Printing Co., The	Detroit	Job printing	4	1	5	
July 7	Ferry, D. M. & Co.	Detroit	Seeds	252	321	573	
Oct. 24	Fibre Package Co., The	Detroit	Corrugated boxes	21	8	29	
May 1	Fiferlik, A. J.	Detroit	Custom clothing	3	1	4	
Aug. 22	Finck, W. M. & Co.	Detroit	Garments	63	633	696	8
Oct. 11	Finley, Nathan & Co.	Detroit	Custom clothing	3	3	6	
April 13	Fire Protection Co., The	Detroit	Fire doors	7		7	
Dec. 7	Firestone Tires & Rubber Co.	Detroit	Auto repairing	36	16	52	
April 18	Firstnaw & Hart	Detroit	Auto painting	28		28	
Sept. 28	Fisher Body Corporation	Detroit	Auto bodies	1,376	1	1,377	
Oct. 12	Fisher Body Corporation	Detroit	Auto bodies	1,790	39	1,829	
Oct. 8	Fisher Body Corporation	Detroit	Auto bodies	2,338	21	2,359	
Oct. 8	Fisher Body Corporation	Detroit	Auto bodies	424		424	
Oct. 11	Fisher Body Corporation	Detroit	Auto bodies	246	13	259	
Oct. 15	Fisher Body Corporation	Detroit	Auto bodies	702		702	
Oct. 29	Fisher Electrical Works	Detroit	Motors	60	3	63	
June 4	Fisher, J. C.	Detroit	Wagons	3		3	
May 28	Fiak Rubber Co., The	Detroit	Auto tires	16	5	21	
Nov. 28	Five Dollar Hat Shop	Detroit	Millinery		4	4	
Nov. 26	Five Eighteen Garage	Detroit	Auto repairing	5	1	6	
Oct. 16	Flanders Co., The	Detroit	Preservers	7	3	10	
May 18	Flannery, Homer	Detroit	Blacksmithing	2		2	
May 23	Fleischmann Co., The	Detroit	Yeast	17	12	29	
April 12	Fleming, Wm.	Detroit	Blacksmithing	3		3	
Dec. 28	Flower-Stephens Mfg. Co.	Detroit	Castings, etc.	233	3	236	
Nov. 20	Flynn, M. B.	Detroit	Millinery		3	3	
Nov. 16	Fogarty, John Cartage Co.	Detroit	Trucking	18		18	
Aug. 29	Foley, Eugene J.	Detroit	Candy	3	7	10	
Nov. 23	Foley, W. E.	Detroit	Candy	2	1	3	
June 19	Follansbee Bros. Co.	Detroit	Sheet metal	5	1	6	
Oct. 22	Ford Motor Co.	Detroit	Automobiles	108	0	114	
Nov. 8	Ford & Sharpin	Detroit	Blacksmithing	4		4	
June 14	Forest Sign Shop	Detroit	Signs	4		4	
Dec. 19	Forman, Theo. Co.	Detroit	Flooring	102		102	3
May 21	Forrester, L. W. Co.	Detroit	Plumbing	10		10	
May 28	Fort Street Cleaners & Dyers	Detroit	Cleaning and dyeing	3		3	
Mar. 21	Foster Chemical Co.	Detroit	Chemicals	6		6	
Sept. 7	Foster Motor Sales Co.	Detroit	Auto repairing	8		8	
Oct. 19	Foundry & Machine Products Co.	Detroit	Castings	419	2	421	3
Jan. 8	Foundry & Machine Products Co.	Detroit	Machinery	62	1	63	
July 6	Fox, Maurice W. & Co.	Detroit	Auto repairing	22		22	
April 26	Fox, Wm. Elevator Co.	Detroit	Elevators	3		3	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>WAYNE Co.—Con.</b>							
Dec. 5	Frances Shop, The	Detroit	Millinery		1	1	
Oct. 16	Frank Bros. Iron & Metal Co.	Detroit	Scrap metal	6	1	7	
June 19	Franklin Press, The	Detroit	Printing	64	24	88	6
May 3	Fraser Paint Co.	Detroit	Paints	11	2	13	2
Oct. 29	Freda, Madame	Detroit	Millinery		3	3	
Nov. 20	French Shop, The	Detroit	Dressmaking		6	6	
May 16	Friesema Bros. Printing Co.	Detroit	Job printing	41	27	68	
Dec. 26	Froehlin, H. & Son	Detroit	Meats	3		3	
May 23	Frohlich Glass Co., The	Detroit	Glass, etc.	43	2	45	
June 22	Fruchey Machine Co.	Detroit	Auto parts	27	1	28	
Aug. 21	Fruehauf Trailer Co.	Detroit	Auto trailers	34	1	35	
Oct. 18	Fuller Co., The	Detroit	Repairing	5		5	
Dec. 6	Fuller's Millinery	Detroit	Millinery		3	3	
Dec. 31	Fullington, G. H.	Detroit	Auto parts	7	1	8	
May 8	Fulton Iron Works	Detroit	Hardware specialties	8		8	
April 11	Fulton, Jno. J.	Detroit	Chemicals	1	2	3	
Dec. 19	Funke, D. C. Bottling Works	Detroit	Soft drinks	5		5	
Sept. 17	Fynda, John & Bros.	Detroit	Beer	25		25	
Oct. 29	Gabel Creamery Co.	Detroit	Dairy products	23	1	24	
Aug. 17	Gabriel Reinforcement Co.	Detroit	Steel	36		36	
Aug. 7	Gagnier Stereotype Foundry	Detroit	Stereotyping	5	2	7	
Dec. 18	Gale, W. D., Inc.	Detroit	Contracting	15	1	16	
June 21	Gallagher, E. B. & Co.	Detroit	Crushed fruits	16	8	24	
Sept. 12	Gallow & Greenbaum Co.	Detroit	Junk	54		54	
May 17	Garden Court Garage	Detroit	Auto repairing	22	1	23	
Sept. 17	Gardulski, Edward S.	Detroit	Meats	19		19	
Aug. 8	Garofalo Macaroni Mfg. Co.	Detroit	Macaroni	8		8	
June 19	Garrett, F. J.	Detroit	Blacksmithing	3		3	
Oct. 11	Garrick Press, The	Detroit	Job printing	4		4	
May 28	Garton-Fisher-Wills Co.	Detroit	Hats	5	21	26	
July 13	Gas Oil Stove Co.	Detroit	Stoves	76		76	5
Nov. 20	Gately Clothing Co.	Detroit	Clothing	4	1	5	
Dec. 31	Gaugler, M.	Detroit	Baked goods	5	2	7	
Sept. 25	Gear Grinding Machine Co.	Detroit	Gear grinding	141	2	143	
May 10	Geelhood Bros.	Detroit	Engraving	10	1	11	1
Nov. 16	Gehbert Coffee Co.	Detroit	Coffee	7	3	10	
Jan. 2	Geisler, F. H.	Detroit	Plumbing	5		5	
Sept. 18	Geller's Livery	Detroit	Livery service	4		4	
July 26	Gemmer Mfg. Co.	Detroit	Auto parts	535	14	549	
June 8	General Aeroplane Co.	Detroit	Aeroplanes	9	1	10	
Oct. 15	General Aluminium & Brass Mfg. Co.	Detroit	Castings	682	85	767	35
Nov. 9	General Auto & Tire Co.	Detroit	Tire repairing	3		3	
Oct. 25	General Baking Co.	Detroit	Baked goods	153	8	161	
April 27	General Builders' Supply Co.	Detroit	Builders' supplies	27	2	29	
Aug. 10	General Film Co.	Detroit	Films	5	6	11	
June 14	General Garage Co.	Detroit	Auto repairing	10		10	
Aug. 1	General Ice Delivery Co.	Detroit	Coal and ice	786	17	803	
Oct. 19	General Spring & Wire Co.	Detroit	Wire springs	92	2	94	2
Dec. 21	Gerisch, A. C.	Detroit	Meats	3		3	
May 1	Gerisch, A. F.	Detroit	Baked goods	3	1	4	
Dec. 19	Gerisch, Adolph G.	Detroit	Meats	8		8	
Oct. 23	German-American Supply Co.	Detroit	Furniture and rugs	12	1	13	
June 20	G. & G. Mfg. Co.	Detroit	Auto parts	41		41	
April 13	Giern & Anholt.	Detroit	Tools	38		38	1
June 11	Gies Gear Co.	Detroit	Gears	20	1	21	
Sept. 4	Gitre Coal Co.	Detroit	Coal	16		16	
Sept. 19	Glasser & Hoffman	Detroit	Plumbing	6		6	
Nov. 21	Globe House Furnishing Co.	Detroit	Storage	7		7	
May 31	Globe Pattern Works	Detroit	Patterns	7		7	1
Jan. 9	Globe Sheet Metal Co.	Detroit	Sheet metal	4		4	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE Co.—Con.							
June 7	Gloor-Garman Co.	Detroit	Tools, etc.	25		25	
Oct. 9	Gmeiner, J. Co., The	Detroit	Jewelry	5		5	
Aug. 10	Godfrey, A. & Co.	Detroit	Photographing	3		3	
Aug. 16	Godfrey, David F.	Detroit	Auto painting, etc.	21		21	
June 6	Goebel Brewing Co., The	Detroit	Beer	178	26	204	
Jan. 4	Goff Bros.	Detroit	Sales and auto repairing	4		4	
Nov. 20	Goldberg, S.	Detroit	Millinery		2	2	
May 18	Golden, Belknap & Swartz Co.	Detroit	Motors	125	5	130	1
Nov. 23	Golden, Lewis Co.	Detroit	Custom clothing	12	10	22	
Sept. 14	Golden Storage & Cartage Co.	Detroit	Storage	20	2	22	
Aug. 29	Goldfaden, Louis	Detroit	Sheet metal	2		2	
Nov. 8	Goodnow & Blake Mfg. Co.	Detroit	Metal spinning	10	1	11	
Nov. 8	Goodnow Power Block	Detroit	Power	2		2	
Dec. 5	Goodrich, B. F. Rubber Co., The	Detroit	Rubber tires	69	25	94	1
Oct. 9	Goodspeed-Detroit Mfg. Co.	Detroit	Auto parts	36	1	37	
June 18	Gordon-Chapman Co., The	Detroit	Mattresses	11	5	16	
Dec. 4	Gordon, Mrs. F. B.	Detroit	Millinery		2	2	
Oct. 22	Gordon-Paegel Co.	Detroit	Baked goods	353	11	364	5
April 11	Goss, J. C. Co., The	Detroit	Awnings, tents, etc.	62	35	97	2
July 19	Grace Harbor Lumber Co.	Detroit	Lumber	14		14	
Jan. 28	Grace Harbor Lumber Co.	Detroit	Lumber	22		22	
Aug. 2	Grace Harbor Lumber Co.	Detroit	Lumber	42	1	43	
Nov. 9	Grace Hospital, The	Detroit	Laundry	39	57	96	
Aug. 6	Graebert & Sons	Detroit	Brass goods	4		4	
Nov. 14	Graf, Franz	Detroit	Ladies' tailoring	1	2	3	
Aug. 14	Graham, Samuel	Detroit	Plumbing	2		2	
April 12	Graham, Wm. Printing Co.	Detroit	Job printing	34	9	43	1
Nov. 9	Grand Laundry, The	Detroit	Laundry	47	175	222	
Oct. 2	Grand Rapids Blow Pipe Co.	Detroit	Blow pipes	37	1	38	
May 4	Grand Trunk Railway System	Detroit	Freight	10		10	
May 25	Grand Trunk Railway System	Detroit	Freight	6		6	
Aug. 21	Grand Trunk Railway System	Detroit	Freight	28		28	3
Oct. 10	Grand Trunk Railway System	Detroit	Freight	6		6	
June 6	Grant Bros. Foundry Co., Inc.	Detroit	Castings	53		53	
Nov. 30	Grant Glove & Mfg. Co.	Detroit	Gloves	1	7	8	
April 20	Grant Iron & Metal Co.	Detroit	Scrap metal	42		42	
May 15	Grant Silver Plating Co.	Detroit	Electro plating	5		5	
Jan. 2	Grasser Motor Co.	Detroit	Auto repairing	23		23	
Sept. 27	Grasselli Chemical Co., The	Detroit	Chemicals	9	2	11	
Aug. 10	Gratiot Lumber & Coal Co., The	Detroit	Coal and lumber	18	2	20	
May 18	Graton & Knight Mfg. Co.	Detroit	Belting	10	1	11	2
Oct. 22	Gray Electric Co.	Detroit	Electrical supplies	53	2	55	
Dec. 20	Gray Furniture Co.	Detroit	Repairing	21	3	24	
May 17	Gray-Hawley Mfg. Co.	Detroit	Motor accessories	78		78	
May 1	Greater Detroit Westward	Detroit	Printed matter	4		4	
May 3	Great Lakes Engineering Works	Detroit	Marine engines	234	4	238	2
Aug. 16	Green, Geo. & Co.	Detroit	Printing	8		8	
June 13	Greenberg, V.	Detroit	Tailoring	4	3	7	
Dec. 27	Greenbaum, Mrs. C.	Detroit	Millinery		3	3	
June 20	Greenbaum Mfg. Co.	Detroit	Skirts	5	10	15	1
Dec. 18	Greenslade Oil Co.	Detroit	Oils	13		13	
June 4	Greenwood-Atkinson-Armstrong Co., The	Detroit	Uniforms	25	21	46	
Nov. 27	Greenwood Mfg. Co., The	Detroit	Plumbing	3		3	
Sept. 25	Gregory, Mayer & Thom Co.	Detroit	Job printing	215	58	273	10
Nov. 26	Greissel-Gitzen Co., The	Detroit	Baked goods	18	4	22	
Aug. 31	Grennan's Cake Bakeries	Detroit	Baked goods	15	21	36	
June 6	Gretz Bros. Bread Co.	Detroit	Baked goods	23	1	24	
June 18	Griffin Wheel Co.	Detroit	Car wheels	87	1	88	
Nov. 14	Griffith, A. E.	Detroit	Custom clothing	4		4	
April 20	Grigg-Hanna Co.	Detroit	Boxes	109	2	111	16

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE Co.—Con.							
Oct. 23	Grinnell Bros.	Detroit	Piano repairing.	46		46	
Nov. 27	Grinnell Bros.	Detroit	Musical instruments.	21	4	25	
Oct. 4	Griswold Motor & Body Co.	Detroit	Auto bodies.	158		158	
Aug. 7	Griswold Press, The.	Detroit	Printed matter.	30	7	37	
Oct. 11	Griswold Shoe Repair Co.	Detroit	Shoe repairing.	3		3	
Dec. 19	Groll, Edward.	Detroit	Blacksmithing.	5		5	
Dec. 19	Grose, Robert A.	Detroit	Blacksmithing.	2		2	
Nov. 22	Gross & Clarke.	Detroit	Millinery.		3	3	
Jan. 7	Grossman & Harris.	Detroit	Junk.	4	1	5	
May 8	Grover Bros. & Wood.	Detroit	Cash carriers.	3		3	
Aug. 14	Grover & McMurdie.	Detroit	Coal and coke.	6		6	
Sept. 14	G. S. & G. Machine Co., Inc.	Detroit	Auto parts.	7	1	8	
June 12	Guaranty Raincoat Co., The.	Detroit	Rain coats.	5	2	7	
July 13	Guardian Frigerator Co., The.	Detroit	Frigerator machines.	7		7	
May 17	Guilloz, S. J. & Son.	Detroit	Furnaces.	5		5	
Dec. 4	Guindon, Mademoiselle.	Detroit	Dressmaking.		4	4	
Aug. 23	Gutow, Herman.	Detroit	Interior finish.	9		9	
Nov. 30	Gutsch, R. C. & Son.	Detroit	Coal, wood and coke.	10		10	
Dec. 4	Guterman, J.	Detroit	Ladies' tailoring.	2	1	3	
Nov. 20	Guy, T. S. Bakery, The.	Detroit	Baked goods.	9	3	12	
July 21	Gypsite Fireproofing Co.	Detroit	Fireproofing.	22		22	
Nov. 23	Haap & Glaser.	Detroit	Engraving.	5		5	
Oct. 16	Haberhorn, C. H. & Co.	Detroit	Tables, etc.	167	10	177	2
Aug. 17	Haberhorn, J. H. A. Co.	Detroit	Interior finish.	81		81	
Aug. 16	Hafenfeld Bros.	Detroit	Electric wiring.	5		5	
Jan. 9	Haggerty, John S.	Detroit	Brick.	49	1	50	5
Sept. 4	Haggerty, John S.	Detroit	Brick.	93	1	94	
July 25	Hahn, H. L. Co.	Detroit	Lumber and coal.	5		5	
Aug. 27	Hahn Machine & Specialty Co.	Detroit	Tools.	10		10	
April 17	Hall Brazing Works.	Detroit	Welding.	5		5	
Sept. 24	Hall, C. M. Lamp Co.	Detroit	Auto lamps.	152	24	176	
Oct. 31	Hall, Frank.	Detroit	Blacksmithing.	3		3	
Nov. 14	Halliday, Frank J.	Detroit	Storage.	5		5	
Sept. 5	Halsig, Theodore & Sons.	Detroit	Trucks and wagons.	4		4	
Aug. 29	Hamilton Carhartt Cotton Mills.	Detroit	Overalls.	29	415	444	2
Aug. 28	Hammond, Standish & Co.	Detroit	Meats.	26		26	
July 23	Hammond, Standish & Co.	Detroit	Meats.	481	16	497	15
Nov. 20	Hamper Shop, The.	Detroit	Ladies' tailoring.		2	2	
Nov. 2	Hampton & Holland.	Detroit	Wagons.	12		12	
May 8	Handford-Jesse Printing Co.	Detroit	Printing.	7	2	9	1
June 22	Hanes, C. W. Co., Inc.	Detroit	Electrical supplies.	21	1	22	
Dec. 6	Hangstefer, Mrs. E.	Detroit	Millinery.		2	2	
April 20	Hanna, Chas. J.	Detroit	Interior finish.	20	1	21	
Jan. 4	Hanna, Fred Lumber Co.	Detroit	Interior finish.	24	1	25	
Aug. 1	Hanna, John.	Detroit	Picture framing.	4		4	
July 13	Hanson Tool & Die Co.	Detroit	Tools and dies.	40		40	
Dec. 5	Hanwood Tire & Repair Co.	Detroit	Tires and repairing.	7	1	8	
Sept. 13	Harcus & Co.	Detroit	Interior finish.	91	1	92	
Jan. 7	Hardy, C. M. Co.	Detroit	Engraving.	6	3	9	1
May 23	Harland, Geo. Co., The.	Detroit	Job printing.	6	4	10	2
Nov. 9	Harper Hospital.	Detroit	Laundry.	5	16	21	
Oct. 30	Harrigan & Reid Co.	Detroit	Plumbing.	61	4	65	
Aug. 17	Harrington, Thos.	Detroit	Cartage.	19	2	21	
June 7	Harris Cartage Co.	Detroit	Auto cartage.	6		6	
Nov. 20	Harris, Don M., Inc.	Detroit	Motor truck sales.	15	1	16	2
Nov. 5	Harris Electric Garment Cleaning Co.	Detroit	Cleaning, etc.	9	3	12	
Aug. 6	Harris, Howard G. Co.	Detroit	Electro plating.	14	2	16	
Nov. 22	Harris Millinery Supply Shop.	Detroit	Millinery.	1	3	4	
July 27	Harrison, F. W.	Detroit	Coal.	5		5	
Sept. 10	Harrison Radiator Corporation.	Detroit	Auto repairing.	5		5	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE Co.—Con.							
Aug. 17	Harroun, Edward C.	Detroit	Plumbing	8		8	
May 21	Harroun Motors Corporation	Detroit	Auto sales	22	4	26	
April 19	Harry Bros. Mfg. Co.	Detroit	Metal stampings	110	2	112	
Nov. 20	Hartge, Jos. G.	Detroit	Sheet metal	4	1	5	
Nov. 8	Hartsell, Mme. Alice	Detroit	Dressmaking		5	5	
July 13	Hartwick Lumber Co.	Detroit	Lumber	62	2	64	
Oct. 24	Hartwick Lumber Co.	Detroit	Lumber	24	3	27	
Dec. 21	Hartz, J. F. Co., The	Detroit	Surgical supplies	28	9	37	3
April 23	Harvey's, A. Sons Mfg. Co., Ltd.	Detroit	Steam goods	87		87	1
Aug. 10	Hasse, J. C. & Son.	Detroit	Custom clothing	11	7	18	
June 18	Hasty, J. F. & Sons	Detroit	Cooperage	27	1	28	
July 5	Hatt, Geo. & Son Co.	Detroit	Cleaning and pressing	3		3	
April 27	Haughton Detroit Elevator Co.	Detroit	Elevators	22	2	24	
Aug. 14	Hawken-Wollgast Co.	Detroit	Metal parts	16	1	17	
Dec. 4	Hawkins, Miss E. B.	Detroit	Ladies' tailoring		12	12	
Nov. 5	Hayden, P. F.	Detroit	Job printing	2	1	3	
Dec. 5	Hayes, C. M. & Co.	Detroit	Photographing	4	7	11	
April 13	Hayes File Co.	Detroit	Files	13	1	14	
July 31	Hayes Mfg. Co.	Detroit	Auto parts	957	15	972	3
Nov. 22	Healy, Miss Laura	Detroit	Dressmaking		13	13	
April 11	Heames, W. E. Co.	Detroit	Bakers' supplies	4	3	7	
June 11	Heath, Wm. C.	Detroit	Job printing	4		4	
May 28	Hecht, Robt. C. & Son.	Detroit	Sheet metal	3		3	
Aug. 13	Heck Printing Co., The	Detroit	Printing	3	1	4	
June 8	Hehle Mfg. Co.	Detroit	Auto starters	9	1	10	
Aug. 16	Heimbuch & Son	Detroit	Cigars	12	12	24	
April 20	Heinz, H. J. Co.	Detroit	Food products	12	7	19	2
Sept. 7	Heinz Home Bakery	Detroit	Baked goods	2	2	4	
May 11	Heitman Garand Co.	Detroit	Job printing	14	1	15	
Nov. 14	Hejka, J.	Detroit	Custom clothing	2		2	
Nov. 28	Hekell's Moving Co.	Detroit	Storage	9		9	
June 12	Helmich Mfg. & Plating Co.	Detroit	Electro plating	7	1	8	
Oct. 25	Helson, R.	Detroit	Building supplies	7		7	
Aug. 1	Hemmeter Cigar Co., The	Detroit	Cigars	16	282	298	
Nov. 26	Henderson-Ames Co., The	Detroit	Society goods	1	2	3	
Oct. 30	Henderson, Harry H.	Detroit	Tire repairing	2		2	
Aug. 16	Henderson, Harry H.	Detroit	Auto and bicycle repairs	7		7	
April 24	Henry, John Truck Co.	Detroit	Trucking	14	1	15	
June 12	Henry, Thos. P. Linotyping Co.	Detroit	Linotyping	15	12	27	
May 15	Hensien Mfg. Co.	Detroit	Sheet metal	13	2	15	
July 16	Hensley Trolley & Mfg. Co., The	Detroit	Castings	12		12	
Dec. 4	Hergenroeder, J. & Sons	Detroit	Auto repairing	8		8	
May 2	Herold Printing Co.	Detroit	Printing	9	2	11	
Oct. 15	Herpicide Co., The	Detroit	Drugs	8	15	23	
May 16	Hertz, C. F., Saw Supply Co.	Detroit	Saws	2		2	
May 25	Hewitt Sales Co., The	Detroit	Metal	2	1	3	
Jan. 7	Heymoss, Geo. & Sons	Detroit	Blacksmithing	6		6	
Dec. 3	Heyns' Bazaar Millinery	Detroit	Millinery	1	18	19	
Dec. 7	Hicks, G. E.	Detroit	Millinery		2	2	
Aug. 1	Hielscher, Wm. E.	Detroit	Wire work	5		5	
Dec. 4	Hill, W. H. Co.	Detroit	Drugs	12	43	55	
June 14	Hilton, Hart & Garrett Co.	Detroit	Stationery	36	36	72	3
Oct. 2	Hine Lumber Co.	Detroit	Lumber	19	1	20	
Dec. 31	Hines, H. C. & Co.	Detroit	Sheet metal	7		7	
Dec. 31	Hines, Thos. Mfg. Co.	Detroit	Auto parts	23	1	24	
June 9	H. L. & W. Sales & Mfg. Co., The	Detroit	Tools, etc	27	1	28	
Oct. 10	Hobart, H. M. & Son	Detroit	Grain	9		9	
Dec. 27	Hock, E. G.	Detroit	Dressmaking	6	66	72	
Jan. 4	Hock, John	Detroit	Teaming	33		33	
Nov. 1	Hodde Bros.	Detroit	Beer	8		8	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE Co.—Con.							
July 11	Hoensheid Steel Treating Co.	Detroit	Heat treating of steel.	6		6	
Aug. 29	Hoffman, H.	Detroit	Baked goods.	8		8	
Oct. 4	Hoffmann Mfg. Co., The	Detroit	Furniture.	15		15	
Jan. 8	Holland Trailer Co.	Detroit	Auto trailers.	1		1	
Sept. 17	Holley Bros. Co.	Detroit	Carburetors.	366	12	378	
June 4	Holiday Box Co.	Detroit	Paper boxes.	42	70	112	8
Oct. 1	Holmes, Arthur L. Lumber & Fuel Co.	Detroit	Lumber.	50	3	53	
May 11	Holmes, Arthur L. Lumber & Fuel Co.	Detroit	Lumber.	12		12	
July 20	Holmes, F. B. & Co.	Detroit	Brick.	9		9	
Oct. 31	Holmes, Fred E. Co.	Detroit	Auto & factory material.	18	3	21	
Oct. 15	Holmes & Jaynes.	Detroit	Implements.	5		5	
Dec. 26	Home Candy Works, The	Detroit	Candy.	25	4	29	2
Dec. 17	Home Laundry.	Detroit	Laundry.	4		4	
May 23	Horger Bros.	Detroit	Hay and grain.	3		3	
Nov. 1	Horton-Cato Mfg. Co.	Detroit	Food products.	15	27	42	
Aug. 3	Hosbach, Henry J. & Sons.	Detroit	Upholstering.	10		10	
Aug. 1	Hoskins Mfg. Co.	Detroit	Furnaces.	129	6	135	4
Nov. 9	Hough Mfg. Co.	Detroit	Galvanized iron.	8		8	
Sept. 14	Houghten-French Coal Co.	Detroit	Coal.	29	2	31	
July 26	Houghton, William C.	Detroit	Coal and coke.	14		14	
May 26	House of Providence.	Detroit	Laundry.	5	11	16	
Aug. 30	House of the Good Shepherd.	Detroit	Laundry.	3	106	109	
Aug. 30	House of the Good Shepherd.	Detroit	Power.	3		3	
Aug. 30	House of the Good Shepherd.	Detroit	Fancy goods.		31	31	
Aug. 30	House of the Good Shepherd.	Detroit	Clothing, etc.		32	32	
June 4	Hovey, Geo. W.	Detroit	Candy, etc.	2	6	8	
May 4	Howarn Cigar Co.	Detroit	Cigars.	5	7	12	
Jan. 4	Howells, Walter	Detroit	Machine repairing.	4		4	
June 12	Howe-Martz Glass Co.	Detroit	Mirrors.	16		16	
June 15	Howe Printing Co.	Detroit	Job printing.	11	2	13	1
Jan. 7	Howick, J. H.	Detroit	Auto painting, etc.	6	1	7	
June 21	Howie-Berndt Glass Co.	Detroit	Glazing.	11	1	12	
Nov. 22	Howie Co., The	Detroit	Sheet metal.	94	3	97	
Nov. 19	Hoyt Steam Laundry.	Detroit	Laundry.	14	42	56	2
April 13	H. S. H. Box Lunch Co., The	Detroit	Box lunches.	10	2	12	8
May 4	Huber & Son.	Detroit	Baked goods.	2	1	3	
Aug. 7	Hudson Lumber Co.	Detroit	Lumber.	20	1	21	
July 18	Hudson Motor Car Co.	Detroit	Automobiles.	4,350	244	4,594	32
Sept. 6	Huebner Mfg. Co.	Detroit	Sash and doors.	105		105	
Oct. 25	Huebner Screen Door Co.	Detroit	Screen doors.	13		13	
June 20	Hughes Gelatine Co.	Detroit	Gelatine.	2	1	3	
Oct. 12	Hughes, J. W.	Detroit	Photographing.	7	7	14	
Aug. 29	Humphry, L. W.	Detroit	Baked goods.	2	1	3	
Sept. 24	Hunton & Weeks.	Detroit	Lumber.	10		10	
May 24	Hunton & Weeks.	Detroit	Lumber.	9		9	
July 25	Hunt, H. J. Show Case Co.	Detroit	Show cases.	17	1	18	
Sept. 6	Hupp Motor Car Corporation.	Detroit	Automobiles.	1,501	135	1,636	50
April 12	Hupprich, A.	Detroit	Flower pots.	7		7	
Aug. 28	Hurd, W. F. Co.	Detroit	Interior finish.	83	4	87	3
Nov. 17	Hurley, Henry F.	Detroit	Electrical repairing.	3		3	
Aug. 15	Hurley, J. & T.	Detroit	Coal.	14		14	
July 26	Hurley, J. & T.	Detroit	Coal and coke.	39		39	
Jan. 3	Hurley, Thos. J.	Detroit	Plumbing.	4		4	
April 18	Huron Portland Cement Co.	Detroit	Cement.	15		15	
May 24	Huron Radiator & Lamp Co.	Detroit	Radiators.	4		4	
Sept. 13	Huron Rubber Stamp Works.	Detroit	Rubber stamps.	3		3	
May 29	Hurst Garage.	Detroit	Auto repairing.	10	1	11	
Nov. 20	Huss, W. H. Co., The.	Detroit	Custom clothing.	13	3	16	
Aug. 6	Hussey, M. H. Lumber Co.	Detroit	Lumber.	13	1	14	
June 7	Hutton, Robt. & Co.	Detroit	Sheet metal.	15	1	16	1

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—Con.						
Nov. 29	Hyde, Andrew	Detroit	Millinery	1	3	4	
April 11	Ideal Carpet Cleaning & Rug Works, The	Detroit	Cleaning and rugs	3		3	
May 15	Ideal Metallic Furniture Co.	Detroit	Metallic furniture	7	1	8	
April 10	Ideal Stamp Works	Detroit	Engraving	4		4	
Nov. 28	Ideal Waist Shop	Detroit	Waists		5	5	
May 10	Illuminating Engineering Co.	Detroit	Electric goods	13	4	17	
Nov. 23	Imlay's Garment Cleaning & Dyeing Co.	Detroit	Cleaning and dyeing	12	4	16	
June 15	Imperial Welding Co.	Detroit	Welding	8	1	9	
May 25	Imperial Wet Wash Laundry Co.	Detroit	Laundry	5	4	9	
Aug. 14	Independent Bottling Works	Detroit	Soft drinks	7	1	8	
May 28	Independent Brewing Co., The	Detroit	Beer	40		40	
Aug. 30	Independent Creamery	Detroit	Dairy products	8		8	2
April 27	Indian Refining Co.	Detroit	Oils	9		9	
July 13	India Palmetto Brush Co.	Detroit	Brushes	11	11	22	
June 21	Indian Village Garage	Detroit	Auto repairing	7		7	
June 21	Industrial Electric Mfg. Co.	Detroit	Tools and dies	14	1	15	1
May 29	Industrial Printing Co.	Detroit	Job printing	3		3	
May 8	Inglis, Wm. Wire & Iron Works	Detroit	Wire and iron works	39	2	41	4
Dec. 26	Ingram & Ferguson	Detroit	Auto painting	10		10	
Nov. 20	Ingram, Frederick F. Co.	Detroit	Drugs	18	43	61	
Aug. 20	Initial Tool Co., The	Detroit	Tools	2		2	
June 7	Inland-Delray Salt Co.	Detroit	Salt	57	12	69	
May 14	Inland Metals Products Co.	Detroit	Metal products	20	3	23	
June 9	Instant Fire Escape & Mfg. Co.	Detroit	Fire escapes	2	1	3	
April 18	Insulating Materials Co.	Detroit	Waxes	8		8	
May 21	Interior Lumber Co.	Detroit	Interior finish	14	2	16	
April 26	International Color Chemical Co., Inc.	Detroit	Chemicals	5		5	
Aug. 30	International Metal Stamping Co.	Detroit	Metal stampings	84	1	85	
June 1	Ireland & Matthews Mfg. Co., The	Detroit	Sheet metal	440	68	508	12
Sept. 14	Iron-Ox Remedy Co., The	Detroit	Medicine	1	1	2	
Sept. 7	Irvine & Meier	Detroit	Plumbing	29		29	
Nov. 23	Irving Shop, The	Detroit	Millinery	1	7	8	
Aug. 29	Irwin, T. J. Candy Co.	Detroit	Candy	6	10	16	
Sept. 7	Isko, Inc.	Detroit	Refrigerators	120		120	1
June 9	Israel Bros.	Detroit	Hats and caps	4		4	
Aug. 24	Italian Publishing Co., The	Detroit	Printing	5		5	
Dec. 7	Jackson Automobile Co.	Detroit	Automobiles	6	1	7	
Mar. 21	Jackson & Gooding	Detroit	Machinery	7	1	8	
Sept. 5	Jacob, M. & Sons	Detroit	Bottles	12	1	13	
May 3	Jacobs, F. L. Co.	Detroit	Welding	30	2	32	1
May 3	Jacobs, F. L. Co.	Detroit	Welding	62		62	
Jan. 7	Jacobs, Wm.	Detroit	Coal and wood	3		3	
Sept. 25	Jacobson, I. M. & Sons Co.	Detroit	Metal	11	3	14	
Sept. 25	Jacobson, I. M. & Sons Co.	Detroit	Smelting	5		5	
Dec. 3	Jacob & Van Wormer Co.	Detroit	Draperies	4	15	19	
Oct. 31	Jacoby's	Detroit	Cleaning and dyeing	23	3	26	
Nov. 26	Jahn, E. J. Co.	Detroit	Barbers' supplies	12	1	13	
Jan. 7	Jakubowits, A.	Detroit	Baked goods	4	1	5	
Oct. 19	Jansen Mfg. Co.	Detroit	Auto specialties	10	26	36	1
Oct. 26	Japes, Frank Co.	Detroit	Sash doors and finish	22		22	
April 24	Jefferson Auto Sales Co.	Detroit	Auto repairing	4		4	
May 17	Jefferson Garage	Detroit	Auto repairing	8	1	9	
May 4	Jefferson Iron Works Co., The	Detroit	Machinery	13	1	14	
Nov. 19	Jefferson Printing Co., The	Detroit	Job printing	2		2	
Oct. 12	Jenks & Muir Mfg. Co.	Detroit	Bedding	176	36	212	4
Dec. 3	Jennings-Cottingham Co., The	Detroit	Custom clothing	4	3	7	1
May 8	Jenter Bedding Co.	Detroit	Mattresses	7	1	8	
Nov. 16	Jewel Feather Mattress & Bed Co.	Detroit	Bedding	4		4	
May 17	Jiffy Auto Curtain Co.	Detroit	Auto curtains	1		1	
Nov. 30	Johns Bros.	Detroit	Auto sales	12		12	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE Co.—Con.							
Mar. 20	Johns, H. W.—Manville Co.	Detroit	Asbestos	111	3	114	
Oct. 9	Johnson Co.	Detroit	Carburetors	19	1	20	
Aug. 24	Johnson, C. W.	Detroit	Printing	4		4	
Dec. 6	Johnson, Estella M.	Detroit	Millinery		3	3	
Dec. 4	Johnson Heating Co.	Detroit	Plumbing and heating	6		6	
Jan. 2	Johnson, John Co., The	Detroit	Tents and awnings	20	9	29	2
Dec. 19	Johnson, John A.	Detroit	Electric wiring	2		2	
Aug. 9	Johnson, Larsen & Co.	Detroit	Heating, etc.	85	2	87	
Oct. 9	Johnson & Walters Mfg. Co.	Detroit	Hardware	7	2	9	
Oct. 22	Johnson, F. G.	Detroit	Brass repairing	2		2	
Oct. 22	Johnston Optical Co.	Detroit	Optical goods	64	24	88	6
Dec. 6	Jones, Miss J.	Detroit	Millinery		4	4	
July 27	Jones, John F.	Detroit	Plumbing	14		14	
Oct. 2	Jones-Regan Co.	Detroit	Baked goods	35	14	49	1
Aug. 17	Jones, Thos. A.	Detroit	Cigars	6	1	7	
Nov. 26	Jordan, Wm. F.	Detroit	Custom clothing	5	1	6	
May 23	Joynt, R. & Sons	Detroit	Auto & wagon repairing	23		23	
Aug. 17	Jungwirth, J. & Co.	Detroit	Modeling	17		17	
Nov. 23	Jurgensmier, R.	Detroit	Ladies' tailoring		3	3	
June 20	Kade, August	Detroit	Harness	3		3	
April 16	Kahl, Fred'k Iron Foundry	Detroit	Castings	83		83	
Mar. 29	Kainhuber, J.	Detroit	Forgings	2		2	
Dec. 6	Kain & Parshall	Detroit	Millinery		2	2	
Sept. 14	Kaiser, A. F.	Detroit	Baked goods	5		5	
Aug. 7	Kaiser Laundry	Detroit	Laundry	21	61	82	
April 24	Kalbfleisch, A. C. & Co.	Detroit	Interior finish	14		14	
June 1	Kales Stamping Co.	Detroit	Metal stampings	73	4	77	3
Dec. 27	Kamman Beef Co.	Detroit	Meats	5		5	
April 30	Kantaler, Walter P.	Detroit	Plumbing	11	1	12	
Sept. 12	Kaplan, I.	Detroit	Metal	8	1	9	
Aug. 14	Karle, Leonard A.	Detroit	Meats	5		5	
Aug. 9	Karle, D. Co.	Detroit	Plumbing	23	1	24	
Sept. 17	Karolaki, L. J.	Detroit	Printing	2		2	1
Sept. 13	Karp Coal & Ice Co.	Detroit	Coal and ice	9	1	10	
Sept. 19	Kaufmann's, Cleaners & Dyers	Detroit	Cleaning and dyeing	25	10	35	
May 4	Kaysar, C. G. & Co.	Detroit	Plumbing	8		8	
June 6	Keller, Chas.	Detroit	Flowers	6	1	7	
Jan. 7	Keller, C. Co.	Detroit	Contracting	30	1	31	
Oct. 12	Keller Heating Co.	Detroit	Plumbing, etc.	9		9	
Nov. 15	Keller, Robert Ink Co., The	Detroit	Ink	6	10	16	
April 26	Kelly, Austin	Detroit	Printers' ink	4	1	5	
Nov. 9	Kelly-Springfield Motor Truck Co.	Detroit	Auto repairing	5		5	
July 12	Kelsey Wheel Co., Inc.	Detroit	Auto parts	811	7	818	
May 15	Kelsey Wheel Co.	Detroit	Wheels	1,498	10	1,508	40
May 11	Kelsey Wheel Co.	Detroit	Wheels and rims	161		161	3
April 26	Kelvinator Co.	Detroit	Cold storage	5		5	
Nov. 19	Kennedy & Greig Co., The	Detroit	Machinery	5		5	
June 13	Kennedy, John H.	Detroit	Plumbing	6		6	
Nov. 23	Kennedy, L.	Detroit	Dressmaking		16	16	
May 4	Kenny Bros.	Detroit	Plumbing	9	1	10	
Dec. 21	Keppen, W. F.	Detroit	Sheet metal	2		2	
June 13	Kermath Mfg. Co.	Detroit	Marine engines	64	2	66	
Oct. 25	Kern, C. Brewing Co.	Detroit	Beer	5	1	6	
Dec. 5	Keroenee Burning Carburetor Co.	Detroit	Carburetors	19		19	
May 7	Kerr Machinery & Supply Co.	Detroit	Pumps	20		20	1
Nov. 28	Kerwin Millinery	Detroit	Millinery		7	7	
Dec. 19	Kessler Motor Co.	Detroit	Motors	34	1	35	
Dec. 7	Ketchum, W. H.	Detroit	Millinery		2	2	
June 8	Keystone Tire Repair Co.	Detroit	Tire repairing	3		3	
June 13	Keystone Type Foundry	Detroit	Printers' supplies	6	4	10	



Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>WAYNE Co.—Con.</b>							
Dec. 13	Kiel, Anna	Detroit	Millinery		2	2	
Dec. 20	Kieler, Geo. W.	Detroit	Cigars	5		5	
Aug. 14	Kimche, F.	Detroit	Plumbing	5	1	6	
Dec. 7	King Auto Sales Co., The	Detroit	Auto repairing	15	1	16	
May 4	King Motor Car Co.	Detroit	Automobiles	342	23	365	2
Oct. 18	King Works	Detroit	Tools	35		35	1
April 26	Kinsey Mfg. Co.	Detroit	Auto bodies	5		5	
Dec. 18	Kirschler, Ernest	Detroit	Knit goods	4	15	19	
Dec. 20	Kirschbaum, P. & Son	Detroit	Tailoring	7	4	11	
June 12	Kittle, H. M. & Co.	Detroit	Trunks and bags	4		4	
Aug. 15	Klein, Max & Co.	Detroit	Plumbing	10	1	11	
May 25	Kleitsch, M.	Detroit	Baked goods	2	3	5	
Oct. 26	Klett & Cain	Detroit	Furniture	16		16	
May 24	Kliesner, Klenner, Ens. Co.	Detroit	Trunks	10	1	11	1
April 17	Kling, Ph. Brewing Co.	Detroit	Beer	106	3	109	
Aug. 29	Klute, Frank	Detroit	Custom clothing	2		2	
Nov. 27	Knab-Karr	Detroit	Millinery	1	6	7	
Oct. 25	Knack, Julius Coal Co.	Detroit	Coal and coke	8		8	
Aug. 28	Knack, Julius Coal Co.	Detroit	Coal	11	1	12	
May 28	Kneiding's Bakery	Detroit	Baked goods	5		5	
June 8	Knoch, Gus.	Detroit	Flowers	5	3	8	
April 20	Knott & Garllus Co.	Detroit	Machine repairing	14	1	15	
Nov. 19	Koehler, H. F. & Bro.	Detroit	Wall paper	22		22	
Oct. 30	Koenig, P. Coal Co., The	Detroit	Coal and coke	108	1	109	
May 14	Koestlin Tool & Die Co.	Detroit	Tools and dies	11		11	
Jan. 3	Kolbe's Tea Room	Detroit	Catering, etc.	2	1	3	
Jan. 7	Kopats, A.	Detroit	Plumbing	5	1	6	
Aug. 22	Koppits-Melchers, The.	Detroit	Beer	62	3	65	
May 18	Kosa, O. A. Co.	Detroit	Job printing	7	2	9	
May 17	Kotcher, Chas. W.	Detroit	Lumber	42		42	
Oct. 4	Kotcher Lumber Co.	Detroit	Lumber	106	2	108	1
Nov. 22	Koslow, A.	Detroit	Tailoring	2	1	3	
Oct. 16	Kraetka Bros.	Detroit	Tools	33		33	1
Aug. 15	Kraft, Henry	Detroit	Meats	3		3	
April 10	Kramer Printing Co.	Detroit	Printing	4		4	
Oct. 4	Kramer Governor Co.	Detroit	Governors	33	3	36	
May 16	Kramer, H. & Co.	Detroit	Scrap iron	24	1	25	
Aug. 31	Kramer, J. & Sons.	Detroit	Scrap iron	6		6	2
Sept. 12	Krell Barrel Co.	Detroit	Barrels	6	1	7	
May 25	Krell Bros.	Detroit	Barrels	11	1	12	
Dec. 5	Krens, A. C.	Detroit	Custom tailoring	3		3	
Nov. 21	Krens, B. A.	Detroit	Dressmaking	3	27	30	
May 14	Kroger Grocery & Baking Co., The	Detroit	Baked goods	23	2	25	1
Nov. 22	Krohn's Popular Millinery	Detroit	Millinery		4	4	
Nov. 20	Krohn's Popular Millinery	Detroit	Millinery		3	3	
Dec. 7	Krossbach, E.	Detroit	Millinery		3	3	
Oct. 4	Kruce, E. J. Co.	Detroit	Tools	19	1	20	
April 30	Krug Bros.	Detroit	Plumbing	11	1	12	
Dec. 27	Kraymanski, Kamie	Detroit	Millinery		4	4	
May 4	Kryda, Joseph	Detroit	Custom clothing	9		9	
June 11	Kuhlman, A. & Co.	Detroit	Surgical instruments	6	2	8	
May 24	Kull, Karl	Detroit	Meats	3		3	
Jan. 3	Kupka, Joe.	Detroit	Baked goods	2		2	
May 16	Kurtz Paper Box Co., The	Detroit	Paper boxes	12	23	35	1
April 18	Kuschewski Bros.	Detroit	Coal and coke	8	1	9	
Aug. 28	Kuttnauer, Sam. & Bro.	Detroit	Clothing	9	55	64	
Aug. 3	Labadie Ice Co.	Detroit	Ice	3		3	
Dec. 31	LaBell Funeral Motor Car Co.	Detroit	Funeral cars	12		12	
June 22	Lacquer-All Co.	Detroit	Varnishes, etc.	7	3	10	
Oct. 18	Ladd, John W. Co.	Detroit	Dairy & creamery supplies	31	7	38	1

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE Co.—Con.							
June 20	Lagora Cigar Factories	Detroit	Cigars	2	20	22	
June 4	Laidman, Geo. B.	Detroit	Coal and coke	7	2	9	
Sept. 6	Laitner, A. & Sons	Detroit	Brushes	38	15	53	14
Jan. 2	Lakeside Biscuit Co., The	Detroit	Biscuits	3	2	5	
July 11	Lakeside Foundry	Detroit	Castings	149	3	152	2
Sept. 10	Lalley Electro-Lighting Corporation	Detroit	Home lighting plants	42	5	47	
May 10	Lamb, F. Jos. Co.	Detroit	Electric starters	39		39	
Oct. 22	Lamberg, Aug. G.	Detroit	Cigars	4	20	24	
Nov. 5	Lamberson Hat Shop	Detroit	Millinery		4	4	
Nov. 1	Lambert & Lowman	Detroit	Drugs	7	7	14	2
July 12	La Measure Bros.	Detroit	Laundry	42	129	171	2
June 8	Lamont, Alex.	Detroit	Marine engines	5	1	6	
Dec. 5	Lane & Tynan	Detroit	Parcel delivery	12		12	
April 12	Lange, F. W. & Son	Detroit	Flour and feed	6	1	7	
May 29	Langer Printing Co.	Detroit	Job printing	8	2	10	
Oct. 1	Langtry Machine & Tool Co., The	Detroit	Auto parts	34	1	35	
Aug. 24	Lansky & Wolfson	Detroit	Junk	3	4	7	
Aug. 2	Laplante, L. A.	Detroit	Harness	2		2	
Dec. 31	Laprise, J. A.	Detroit	Tailoring	2	6	8	
June 20	Lariviere, Jos. H. Printing Co.	Detroit	Job printing	4		4	
Sept. 19	Larkins, Jos. Brick Co.	Detroit	Brick	31		31	
Nov. 13	Larned, Carter & Co.	Detroit	Clothing	52	304	356	3
May 14	Lauer, John Machine Co.	Detroit	Machinery	30		30	
Dec. 5	Laughlin Mfg. Co.	Detroit	Fountain pens	1	8	9	
Sept. 11	Lauhoff, H. & A. Flour Mills	Detroit	Flour	6		6	
Dec. 3	Lavier & Long Electric Co.	Detroit	Storage batteries	2	1	3	
Oct. 3	Lavigne Mfg. Co., The	Detroit	Brass goods	265	12	277	
Dec. 7	La Wickes Hat Shop	Detroit	Millinery		2	2	
May 29	Lawrence, L. & Co.	Detroit	Cylinder repairing	3	1	4	
June 4	Lawrence Printing Co.	Detroit	Printing		5	12	
June 7	Lawrence Publishing Co.	Detroit	Printed matter	11	6	17	
Oct. 10	Lay Mfg. Co., The	Detroit	Auto trimmings	9	6	15	
May 23	LeBlanc, Barney	Detroit	Paper hanging	5		5	
May 4	Ledy, Wm. J.	Detroit	Candy	1	2	3	
Nov. 28	Lee, Jos. E.	Detroit	Plumbing	4		4	
April 20	Leech, Chas. W. Lumber Co.	Detroit	Lumber	22		22	
May 18	Leech Metallic Bath Tub Co.	Detroit	Bath tubs	17	1	18	
June 8	Lee, Edward F. Glass Co., The	Detroit	Glass	18	1	19	
Oct. 25	Lehr, C. Lumber Co.	Detroit	Lumber	9		9	
Nov. 14	Leith & Young	Detroit	Custom clothing	5	1	6	
Jan. 7	Leitson, J. & Son	Detroit	Baked goods	5		5	
June 15	Lemmer's, Henry Sons	Detroit	Monuments	10		10	
Nov. 2	Lerop, Wm. J. Brewing Co.	Detroit	Beer	3		3	
Nov. 20	Lenox, Harry	Detroit	Custom clothing	6		6	
Dec. 7	Lents, Lydia	Detroit	Millinery		3	3	
Nov. 19	Leonard, E. H. Co.	Detroit	Plumbing	5	1	6	
Dec. 4	Leonard Warehouses, Inc.	Detroit	Storage	4	1	5	
Sept. 19	Leonard Warehouses, Inc.	Detroit	Storage	2	1	3	
Sept. 7	Leonard Warehouses, Inc.	Detroit	Storage	2	1	3	
Dec. 7	Lepson, Mrs. Rose	Detroit	Millinery		3	3	
Sept. 6	Levenson, H. Coal Co.	Detroit	Coal	3	1	4	
Dec. 7	Levi, Bertha	Detroit	Millinery		3	3	
Aug. 30	Levine Waste Paper Co.	Detroit	Paper and rags	11	11	22	
June 13	Levitan, Robert	Detroit	Clothing	4	5	9	
Sept. 28	Levy's Garage	Detroit	Auto repairing	5	1	6	1
Aug. 3	Lewellyn Bean Co.	Detroit	Beans	7	53	60	
April 11	Lewins Printing Co.	Detroit	Printing	4	1	5	
Oct. 25	Lewis-Hall Iron Works	Detroit	Structural iron	94	3	97	
May 14	Lewis Motor Corporation	Detroit	Motors	22		22	
Aug. 6	Leyes Bros.	Detroit	Auto repairing	7	1	8	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>WAYNE CO.—Con.</b>							
June 15	L'Herault, Chas.	Detroit.	Plumbing.	2	1	3	
Sept. 25	Liberty Garage, Inc.	Detroit.	Auto repairing.	7	1	8	
July 9	Liberty Motor Car Co.	Detroit.	Automobiles.	178	14	192	
Nov. 26	Licht, Anthony C.	Detroit.	Custom clothing.	4		4	
Oct. 18	Lichtenberg & Son.	Detroit.	Grain and feed.	23	3	26	
Aug. 24	Lieberman Bed Spring Co.	Detroit.	Bed springs.	4	1	5	
Sept. 13	Liebig, Wm. & Co.	Detroit.	Brush machines.	42	2	44	
Jan. 3	Liebold & Von Arr.	Detroit.	Sculptoring.	6		6	
Aug. 31	Liggett & Gagnier.	Detroit.	Job printing.	18	5	23	1
June 19	Liley, A.	Detroit.	Machine repairing.	3		3	
Sept. 21	Lilies Cigar Co.	Detroit.	Cigars.	42	506	548	
July 18	Lilies Cigar Co.	Detroit.	Cigars.	15	377	392	
May 21	Lillibridge Lumber Co.	Detroit.	Lumber.	6	1	7	
Jan. 2	Liman, A. J.	Detroit.	Tailoring.	3		3	
Oct. 30	Lincoln Brass Works, Inc.	Detroit.	Brass parts.	15		15	1
Nov. 27	Lincoln Motor Co.	Detroit.	Motors.	428	25	453	8
Dec. 5	Lincoln Printing Co., The	Detroit.	Job printing.	3	2	5	
Oct. 18	Inde Air Products Co., The	Detroit.	Oxygen gas.	27		27	2
Oct. 30	Lindow Co., The	Detroit.	Furniture.	11		11	
Nov. 21	Linsell Co.	Detroit.	Interior finish.	114	9	123	
April 24	Lippert, Paul J.	Detroit.	Radiators.	6		6	1
June 20	Lisk, Geo. A.	Detroit.	Marine engines.	4		4	
Jan. 10	Livernois, F. S. Brass Foundry Co.	Detroit.	Castings.	6		6	
Dec. 27	Livingstone, Miss L.	Detroit.	Millinery.		3	3	
Nov. 26	Locke-Clute Co.	Detroit.	Photographing.	4	1	5	
May 24	Locke Pattern Works.	Detroit.	Patterns.	15	1	16	3
Aug. 31	Lodzer Bakery.	Detroit.	Baked goods.	9	2	11	
Oct. 4	London Laundry.	Detroit.	Laundry.	4		4	
Oct. 18	Long Mfg. Co.	Detroit.	Auto radiators.	486	6	492	4
Nov. 23	Longfield, John G.	Detroit.	Book binding.	3	2	5	
Sept. 5	Lonyo Bros.	Detroit.	Brick.	34		34	1
Oct. 30	Loose-Wiles Biscuit Co.	Detroit.	Biscuits.	31	1	32	
Nov. 28	Loree Hat Shop.	Detroit.	Millinery.		2	2	
May 4	Loula, M.	Detroit.	Baked goods.	3		3	
Oct. 3	Loveland Co., The.	Detroit.	Auto repairing.	14		14	
April 27	Lowrie, F. L.	Detroit.	Interior finish.	48	2	50	
April 12	Lowrie & Robinson Lumber Co.	Detroit.	Lumber.	21		21	
June 7	Lowrie & Robinson Lumber Co.	Detroit.	Lumber & interior finish.	134	2	136	
July 11	Lowrie & Robinson Lumber Co.	Detroit.	Lumber.	123	3	126	
July 16	Lozier Motor Co.	Detroit.	Automobiles.	25	3	28	
June 12	Lukas, Steve.	Detroit.	Cement blocks.	9		9	
Oct. 16	Lukomski Bros. Co.	Detroit.	Plumbing supplies.	15		15	
April 24	Luttermoser, A.	Detroit.	Custom clothing.	2	1	3	
April 12	Luttermoser, Louis.	Detroit.	Custom clothing.	2	1	3	
Sept. 4	Luts, Wm.	Detroit.	Lumber.	11	1	12	
Nov. 28	Lyon, Edward F.	Detroit.	Axles.	8	2	10	
Aug. 15	Lyon Sign Co.	Detroit.	Signs.	4		4	
Dec. 4	MaeArthur, P. C.	Detroit.	Auto repairing.	23	3	26	1
Oct. 16	McBride, Earl & Pollard.	Detroit.	Soft drinks.	22		22	
May 12	McBride, J. R.	Detroit.	Fish, etc.	3		3	
June 12	McCarthy Motor Sales Co.	Detroit.	Auto repairing.	13	1	14	
Nov. 5	McCarthy & Ruoff.	Detroit.	Blacksmithing.	4		4	
May 18	McCausland, W. H. & Son.	Detroit.	Store fittings.	10		10	
Nov. 23	McClure, Fred H. Co.	Detroit.	Job printing.	5	3	8	
May 3	McClure, Geo. I.	Detroit.	Lumber.	18	2	20	
Nov. 14	McCord Mfg. Co.	Detroit.	Auto radiators.	651	14	665	22
Nov. 14	McCord Mfg. Co.	Detroit.	Radiators.	80	37	126	1
Nov. 1	McCormick Plumbing Supply Co.	Detroit.	Plumbing, etc.	5	2	7	
Sept. 20	McCormick Wrecking Co.	Detroit.	Lumber.	7		7	
May 21	McCutchion-Dwyer Co.	Detroit.	Furnaces.	4		4	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE Co.—Con.							
July 20	McDonald Coal & Brick Co.	Detroit	Building supplies.	16		16	
July 20	McDonald Coal & Brick Co.	Detroit	Coal and brick.	14	3	17	
June 11	McDonough Automatic Regulator Co.	Detroit	Automatic regulators.	12	2	14	
May 1	McEuen, Peter F.	Detroit	Plumbing.	3	1	4	
June 7	McEuen, Needham & Weldon.	Detroit	Linotypes.	19	4	23	
Dec. 20	McFadden, M.	Detroit	Coal and ice.	38	1	39	
Sept. 7	McFadden, Wm.	Detroit	Plumbing.	9	1	10	
Nov. 14	McGill & Wind.	Detroit	Custom clothing.			4	
Nov. 9	McGraw Account Register Co.	Detroit	Registers.	10	4	14	
Oct. 15	McGraw Creamery.	Detroit	Dairy products.	5		5	
Nov. 7	McGregor Institute.	Detroit	Laundry.	35		35	
Oct. 16	McHie-Scotlen Tobacco Co.	Detroit	Tobacco.	12	14	26	2
May 4	McHugh, Jos. A.	Detroit	Plumbing.	9		9	
Oct. 26	McIntosh, H. V.	Detroit	Furnaces.	6	1	7	
Nov. 29	McKay, Holly.	Detroit	Millinery.		6	6	
Dec. 6	McKnight, Mrs. N.	Detroit	Millinery.		4	4	
April 16	McLean, Darius.	Detroit	Perfumes.	1	7	8	
Aug. 15	McNamara, Michael Varnish Works.	Detroit	Varnish.	14	7	21	
Aug. 10	McNamara Sign Co., The.	Detroit	Signs.	13	1	14	
May 18	McNeill, R. J.	Detroit	Furnaces.	3	1	4	
Dec. 3	McPharlin, Miss Rose.	Detroit	Dressmaking.		11	11	
April 13	McRae & Roberts Co., The.	Detroit	Brass goods.	290	20	310	32
April 13	Machine, S. A. Co.	Detroit	Machinery.	58	2	60	1
May 31	Machinery Sales & Electric Co., The.	Detroit	Electric supplies.	14	1	15	1
Oct. 15	MacIvor & Crotsier Lumber Co.	Detroit	Lumber and coal.	12		12	
Oct. 15	MacIvor, J. A. Lumber Co.	Detroit	Lumber.	10		10	
Dec. 26	Mack Avenue Garage.	Detroit	Auto repairing.	5	1	6	
Dec. 26	Mack Garment Cleaning Co.	Detroit	Cleaning and dyeing.	4	2	6	
April 10	Mackie-Olney Co.	Detroit	Crates.	5	5	9	1
May 15	Mack, John A. Co.	Detroit	Book binding.	5	4	9	1
Aug. 22	Mack, Joseph Printing House, Inc.	Detroit	Printing.	138	37	175	8
May 29	MacLaren Imperial Cheese Co., Ltd.	Detroit	Cheese.	15	43	58	
Dec. 7	Magee Sheet Metal Machinery Co.	Detroit	Sheet metal.	4		4	
May 1	Magnus Co., Inc.	Detroit	Brass goods.	52	1	53	
Nov. 5	Mahoney, J. H.	Detroit	Cigars.	8	10	18	
June 14	Maier, Martin & Co.	Detroit	Trunks.	10		10	
May 8	Mallometer Co.	Detroit	Machinery.	134	2	136	
May 18	Majestic Art Embroidery Co., The.	Detroit	Embroidery.	1	2	3	
May 16	Majestic Belt Co.	Detroit	Belts.	5	4	9	
Nov. 28	Malena Co.	Detroit	Drugs.	7	12	19	
Nov. 28	Malo Millinery.	Detroit	Millinery.		2	2	
June 15	Mamer & Neuhauser.	Detroit	Baked goods.	13	2	15	
Nov. 5	Mannausa, S. O. Printing Co.	Detroit	Printing.	8		8	1
June 8	Manufacturers Rubber & Supply Co., The.	Detroit	Auto supplies.	4		4	
Aug. 13	Manseimann, Chas.	Detroit	Brooms.	19		19	
Aug. 7	Maple Press Printing Co., The.	Detroit	Printing.	2		2	
Mar. 21	Marentette & Co.	Detroit	Custom clothing.	6		6	
June 12	Marentette, James E.	Detroit	Building supplies.	30		30	
Aug. 31	Market Cartage Co.	Detroit	Trucking.	9	1	10	
Nov. 19	Marks, Herman & Ben.	Detroit	Furs.	23	29	52	
July 30	Marks, Hiram Electric Co.	Detroit	Electric supplies.	23		23	
Oct. 30	Marks, Jos. M.	Detroit	Leather.	2	4	6	
Jan. 7	Marks & Solomon.	Detroit	Auto repairing.	3		3	
Aug. 13	Marquette Machine Co.	Detroit	Machinery.	11	1	12	
June 11	Marquette Printing Co.	Detroit	Job printing.	4		4	
Dec. 28	Marriott, Frederick.	Detroit	Sheet metal.	5	1	6	
June 20	Marshall, B.	Detroit	Meats.	4	1	5	
April 17	Marsh, Geo. Mfg. Co., The.	Detroit	Stove fixtures.	16	1	17	
May 29	Marshall Blow Pipe Co.	Detroit	Sheet iron work.	15		15	
Dec. 3	Marshall & Renchard.	Detroit	Custom clothing.	13	7	20	

Factory Inspection.—Continued.

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<b>WAYNE Co.—Con.</b>							
June 8	Martenson, J. Emil & Co.	Detroit	Monuments	3		3	
Dec. 4	Martinek, John	Detroit	Ladies' tailoring	4	4	8	
Nov. 5	Martin & Halsted Co.	Detroit	Artificial limbs	5	1	6	
Oct. 29	Martin Shop, The	Detroit	Millinery	1	1	2	
April 18	Martyn, John	Detroit	Plumbing	5		5	
Aug. 16	Marx Brass Works	Detroit	Brass castings	16	1	17	
Dec. 5	Marx, M.	Detroit	Tailoring	1	3	4	
Oct. 16	Marx Machine Tool Co.	Detroit	Tools and dies	7		7	
Sept. 21	Marx, S. S.	Detroit	Furs	3	4	7	
May 8	Mason Beef Co.	Detroit	Meats	7		7	
May 10	Mason's Decoy Factory	Detroit	Decoy ducks	15		15	
Oct. 16	Mason Laundry Co.	Detroit	Laundry	3	8	11	
June 20	Mason Motor Co.	Detroit	Auto parts	161	1	162	
Aug. 7	Massachusetts Laundry Co.	Detroit	Laundry	45	236	281	11
Nov. 21	Maese Industrial Co.	Detroit	Chemicals	2	1	3	
June 6	Maessnick Mfg. Co.	Detroit	Auto parts	138	1	139	4
May 14	Maessnick Mfg. Co.	Detroit	Motors	11		11	
May 7	Master Carburetor Corporation	Detroit	Carburetors	66	8	74	
Aug. 28	Matgen, Fred M.	Detroit	Custom clothing	2	1	3	
Aug. 16	Mathes Bros.	Detroit	Wagons	9		9	
July 24	Mathews, Frederick C. Co.	Detroit	Printing	11	6	17	
April 26	Matthews, D. H.	Detroit	Trucking	15		15	
Nov. 22	Matthews Printing Co.	Detroit	Printing	9	5	14	
Dec. 20	Mau, Theo. E.	Detroit	Furs	8	7	15	
Sept. 27	Maul Co., The	Detroit	Art stone	35	2	37	
Nov. 27	Maurer, M. Fabey	Detroit	Millinery		3	3	
June 8	Maximotor Co.	Detroit	Gasoline motors	7	1	8	
Nov. 28	May Belle Shop, The	Detroit	Millinery		3	3	
Nov. 5	Maybelle Shop, The	Detroit	Millinery	1	4	5	
May 29	May, Chas. F. Co., The	Detroit	Printing	24	6	30	
June 20	Mayer, John H.	Detroit	Sheet metal	3		3	
Dec. 3	May's Millinery	Detroit	Millinery	3	14	17	
Dec. 3	May's Millinery	Detroit	Millinery	1	8	9	
Dec. 3	May's Millinery	Detroit	Millinery	1	13	14	
Sept. 26	Maser Cigar Mfg. Co.	Detroit	Cigars	12	347	359	
Nov. 9	Mead & Co.	Detroit	Machine repairing	16	1	17	
Nov. 30	Mechanics Laundry Co., Inc., The	Detroit	Laundry	11	19	30	
Nov. 22	Mehling, Geo. F.	Detroit	Tile	9		9	
June 21	Meier, Hubert A.	Detroit	Cut stone	5		5	
Jan. 10	Meisner Baking Co.	Detroit	Baked goods	11	1	12	
Dec. 10	Melcher, John	Detroit	Flour, feed, etc.	4	1	5	
June 1	Melvic Enameling Co., The	Detroit	Enameling	34	13	47	
May 4	Melvin-Detroit Sign & Advertising Service	Detroit	Painting	14	3	17	
Sept. 5	Mercier-Bryan-Larkins Brick Co.	Detroit	Brick	69	2	71	2
Sept. 4	Mercier-Bryan-Larkins Brick Co.	Detroit	Brick	58		58	
Dec. 18	Mercier, J. A.	Detroit	Machine repairing	16		16	
Sept. 7	Merithew, J. G.	Detroit	Plumbing	4		4	
June 20	Mers Capsule Co., The	Detroit	Capsules	32	13	45	
July 16	Metal Parts Machine Co.	Detroit	Auto parts	5		5	
May 15	Metalwood Mfg. Co.	Detroit	Machinery	67	2	69	1
Jan. 7	Metloff, F. B.	Detroit	Baked goods	3		3	
Dec. 21	Metro Film & Mfg. Co.	Detroit	Films	9	8	17	
Sept. 27	Metropolitan Garage	Detroit	Auto repairing	9	1	10	
Sept. 4	Metropolitan Mfg. Co.	Detroit	Auto specialties	22	1	23	
Dec. 6	Metzger, Wm. E. Co.	Detroit	Motorcycles	4	1	5	
Aug. 6	Meyer Auto Accessory Co.	Detroit	Auto accessories	13	1	14	
April 6	Mayer, Reichstein Sons	Detroit	Scrap metal	6		6	
Nov. 5	Meyers, Israel	Detroit	Ladies' tailoring	2	2	4	
May 23	Michigan Ammonia Works	Detroit	Ammonia	60	4	64	
April 20	Michigan Barrel & Bag Co.	Detroit	Barrels	6	1	7	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE Co.—Con.							
Aug. 8	Michigan Bedding Co.	Detroit	Mattresses	15	4	19	
April 27	Michigan Beef Co.	Detroit	Meats	26	1	27	
Aug. 29	Michigan Beef Co.	Detroit	Meats	8	1	9	
May 23	Michigan Bolt & Nut Works	Detroit	Bolts and nuts	222	8	230	12
May 15	Michigan Brewery	Detroit	Beer	21	1	22	
Oct. 26	Michigan Builders' Supply Co.	Detroit	Building supplies	31		31	
Aug. 9	Michigan Caaket Co.	Detroit	Caakets	20	3	23	
Aug. 15	Michigan Central R. R. Co.	Detroit	Car repairing	94	18	112	
Aug. 17	Michigan Central R. R. Co.	Detroit	Car building & repairing	682	45	727	
Oct. 19	Michigan Central R. R. Co.	Detroit	Electricity	7		7	
June 6	Michigan Central R. R. Co.	Detroit	Freight	13	1	14	
Oct. 18	Michigan Central R. R. Co.	Detroit	Freight	32	7	39	
Oct. 19	Michigan Central R. R. Co.	Detroit	Grain	18		18	
Aug. 20	Michigan Central R. R. Co.	Detroit	Ice	21		21	1
Oct. 22	Michigan Cigar Box Co.	Detroit	Cigar boxes	15	32	47	11
Nov. 28	Michigan Clothing Cleaning Co.	Detroit	Cleaning, etc.	6	3	9	1
Aug. 30	Michigan Copper & Brass Co., The	Detroit	Brass and copper	780	4	784	
June 7	Michigan Cornice & Slate Works	Detroit	Sheet metal	27		27	
Aug. 3	Michigan Electric Welding Co.	Detroit	Auto parts	213	25	238	12
May 3	Michigan Electro-Plating Co.	Detroit	Electro-plating	8		8	1
Nov. 22	Michigan Electrotpe & Stereotype Co.	Detroit	Electrotyping	34	2	36	
Oct. 25	Michigan Engine Valve Co.	Detroit	Engine valves	65		65	
Aug. 15	Michigan Garage & Taxicab Co.	Detroit	Auto repairing	16		16	
June 20	Michigan Gear & Engineering Co.	Detroit	Gears	20		20	
May 29	Michigan General Woodworking Co.	Detroit	Store fixtures	5		5	
April 24	Michigan Glass Works	Detroit	Glass	3	1	4	
May 24	Michigan Grey Iron Castings Co.	Detroit	Castings	125		125	
June 22	Michigan Iron & Wire Works	Detroit	Iron and wire work	10		10	
Sept. 11	Michigan Junk Co.	Detroit	Junk	2	3	5	
May 7	Michigan Leather Packing Co.	Detroit	Leather packing	11	1	12	1
May 22	Michigan Lubricator Co.	Detroit	Brass goods	623	14	637	26
June 6	Michigan Lumber Yard	Detroit	Lumber	17		17	
Nov. 8	Michigan Machine Co.	Detroit	Tools, etc.	56	3	59	
Nov. 8	Michigan Machine Co.	Detroit	Cash registers	20		20	4
June 14	Michigan Malleable Iron Co.	Detroit	Castings	982	34	1,016	21
April 25	Michigan Metal Spinning Mfg. Co.	Detroit	Metal spinning	18		18	
Nov. 23	Michigan Millinery Co.	Detroit	Millinery		7	7	
April 20	Michigan Motor Specialties Co.	Detroit	Motor specialties	71	2	73	
Aug. 9	Michigan Multigraphing Co., The	Detroit	Multigraphing	3	6	9	
Aug. 23	Michigan Optical Co.	Detroit	Optical goods	26	69	95	6
Aug. 1	Michigan Paper Tube & Can Co.	Detroit	Paper tubes and cans	6	1	7	2
Oct. 22	Michigan Paper Stock Co.	Detroit	Junk	6		6	
Sept. 20	Michigan Parlay Co.	Detroit	Soft drinks	12	1	13	
June 15	Michigan Paste & Mfg. Co.	Detroit	Paste	7	1	8	
May 8	Michigan Pattern Works	Detroit	Patterns	67	2	69	
July 10	Michigan Pressed Brick Co.	Detroit	Brick	20		20	
May 31	Michigan Pressed Steel Co.	Detroit	Pressed steel	8		8	
May 28	Michigan Railway Guide Co.	Detroit	Railway guides	3		3	
Aug. 21	Michigan Repair & Taxi Co.	Detroit	Auto repairing	4	1	5	
June 8	Michigan Safety Furnace Pipe Co., The	Detroit	Furnace pipe	23		23	
June 14	Michigan Sprocket Chain Co.	Detroit	Sprocket chains	30	2	32	10
Aug. 7	Michigan Stamping Co.	Detroit	Sheet metal & stamping	769	6	775	12
May 10	Michigan Standard Gear Co.	Detroit	Machinery	23		23	
Aug. 27	Michigan State Telephone Co.	Detroit	Telephone service	1,094	3,590	4,684	55
Oct. 24	Michigan Steam Laundry	Detroit	Laundry	20	47	67	
April 6	Michigan Steel Casting Co.	Detroit	Steel castings	347	19	366	
April 30	Michigan Storage Battery Co.	Detroit	Storage batteries	7	1	8	
Dec. 18	Michigan Store Fixture Co.	Detroit	Store fixtures	2		2	
April 26	Michigan Stove Co., The	Detroit	Stoves, furnaces, etc.	823	23	846	10
Sept. 14	Michigan Street Car Adv. Co.	Detroit	Advertising	12	1	13	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>WAYNE CO.—Con.</b>							
Sept. 19	Michigan Tent & Awning Co.	Detroit	Tents and awnings	21	33	54	
May 18	Michigan Tool Co.	Detroit	Tools	88	1	89	
Nov. 21	Michigan Upholstering Co.	Detroit	Upholstering	15	2	17	
Nov. 14	Michigan Warehouse Co.	Detroit	Storage	20	2	22	
Aug. 6	Michigan Waste & Bag Co.	Detroit	Waste and bags	4	3	7	
May 23	Michigan Wire Cloth Co.	Detroit	Wire cloth	112	33	145	5
Oct. 22	Michigan Zinc Coat Co.	Detroit	Galvanizing	3		3	
June 15	Midland Machine Co.	Detroit	Machinery	26	1	27	
Nov. 9	Millenbach Bros. Co.	Detroit	Hides and tallow	20	2	22	
Aug. 23	Miller, Donald Co., The	Detroit	Plumbing	47	1	48	
Dec. 7	Miller, Edna	Detroit	Millinery		2	2	
Aug. 1	Miller, John Electric Co.	Detroit	Electric supplies	22	1	23	1
June 22	Miller-Hoefler Co.	Detroit	Jewelry	8	22	30	
Dec. 7	Miller-Judd Co.	Detroit	Repairing	10	2	12	
Jan. 9	Miller Light & Fixture Co., The	Detroit	Electric fixtures	3		3	
Dec. 5	Miller & Mondrus	Detroit	Ladies' tailoring	5	2	7	
Oct. 23	Miller-Seldon Electric Co.	Detroit	Electric supplies	39	4	43	3
May 2	Miller Tool & Mfg. Co.	Detroit	Tools	13	1	14	
May 8	Miller, W. A. C. Co.	Detroit	Lumber	37	2	39	
Dec. 27	Miller, Wm. H. & Co.	Detroit	Furs	13	19	32	1
Nov. 27	Mills-Fox Baking Co.	Detroit	Baked goods	160	12	172	2
Nov. 14	Mills & Weber	Detroit	Hat cleaning	2	2	4	
Oct. 22	Milo Dyeing & Cleaning Co.	Detroit	Cleaning and dyeing	7	8	15	
Aug. 13	Milton Corset Shop	Detroit	Corsets	2	10	12	
Sept. 21	Millwaukee Avenue Garage	Detroit	Storage and repairing	4		4	
May 29	Milwaukee Die & Tool Co.	Detroit	Tools and dies	10	1	11	
Sept. 10	Mincel, Henry	Detroit	Coal and mason supplies	30		30	
Oct. 25	Mincel, Henry	Detroit	Coal and coke	34		34	
Nov. 8	Minute Wheel Co.	Detroit	Auto hubs	2	1	3	
Oct. 30	Miotke, Jos. A.	Detroit	Wholesale meats	8		8	
Jan. 8	Misch, Gust. L.	Detroit	Custom clothing	7	6	13	
May 18	Misner Mfg. Co., The	Detroit	Toilet specialties	5	1	6	
Aug. 8	Mitchell-Burridge Transfer Co.	Detroit	Storage	12		12	
Oct. 12	Mitchell, G. E.	Detroit	Custom clothing	7	1	8	
Nov. 23	Mitchell, Robert	Detroit	Millinery	1	10	11	
April 25	Mitchell, W. H.	Detroit	Cartage and storage	9	1	10	
April 29	Mobile Top Co., The	Detroit	Auto tops	5	1	6	
June 18	Model Pattern Works	Detroit	Patterns	8		8	
Dec. 4	Model Shop, The	Detroit	Millinery		3	3	
June 8	Modern Diamond Tool Co.	Detroit	Tools	4	1	5	
Dec. 6	Modern Garage Co., Inc.	Detroit	Auto repairing	11	1	12	
Aug. 7	Modern Laundry Co.	Detroit	Laundry	16	87	103	
July 9	Modern Pattern & Machine Co.	Detroit	Patterns and auto parts	103	2	105	
June 8	Moebis Cartage Co. & Garage	Detroit	Cartage and repairing	6		6	
Sept. 21	Moeller, Leonard J.	Detroit	Auto repairing	2	1	3	
May 28	Mohawk Overall Co.	Detroit	Overalls	3	26	29	
Sept. 14	Moll & Stock	Detroit	Custom clothing	10	8	18	
July 19	Monarch Foundry Co.	Detroit	Castings	129	1	130	
Nov. 23	Monarch Garment Cleaning Co.	Detroit	Cleaning and dyeing	3	1	4	
Dec. 6	Monarch Laundry	Detroit	Laundry	9	16	25	1
May 7	Monarch Mfg. Co.	Detroit	Builders' hardware	20		20	
Aug. 7	Monarch Pattern Works	Detroit	Patterns	35		35	
Aug. 8	Monarch Steel Castings Co.	Detroit	Steel castings	217	2	219	4
Dec. 26	Monroe Paper Stock Co.	Detroit	Junk	7	2	9	
Nov. 27	Moore, E. C. & Son Co.	Detroit	Dental supplies	3	2	5	
May 22	Moore Printing Co.	Detroit	Job printing	4		4	
July 26	Morehead Mfg. Co.	Detroit	Steam traps, etc.	5		5	
Nov. 16	Moreton Truck Co.	Detroit	Trucking	30	1	31	
Dec. 27	Morgan, Mrs. A. C.	Detroit	Millinery		3	3	
Dec. 22	Morgan, C. Stanley	Detroit	Pipe coverings	21		21	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE CO.—Con.							
Oct. 23	Morgan Sash & Door Co.	Detroit	Sash and doors	13	2	15	
Dec. 27	Morgan, S. H.	Detroit	Plumbing	12	1	13	
May 11	Morgan & Wright	Detroit	Auto tires	3,832	86	3,918	19
Dec. 27	Moritz-Mullin Co., The	Detroit	Auto repairing	12	1	13	
April 24	Morton Salt Co.	Detroit	Salt	2	2	4	
May 21	Morton Stencil Co.	Detroit	Rubber stamps	2		2	
Oct. 30	Mosa, John R.	Detroit	Job printing	3		3	
Aug. 7	Motor Products Corporation	Detroit	Auto parts	1,470	120	1,590	20
May 10	Motors Metal Mfg. Co.	Detroit	Auto fenders	108	2	110	2
Dec. 26	Motor Truck Body Co.	Detroit	Truck bodies	57		57	
Jan. 2	Mott, J. A.	Detroit	Painting & decorating	5		5	
Aug. 21	Mots, Wm. E.	Detroit	Sheet metal	7		7	
Nov. 20	Mowbray & Robinson Co., The	Detroit	Lumber	8		8	
Sept. 24	Moyer-Shaw Mfg. Co.	Detroit	Toys and novelties	24	32	56	3
Dec. 3	Moylan, Lillian F.	Detroit	Corsets, etc.		2	2	
Nov. 9	Moynhan & Duchene	Detroit	Brass and iron works	24	1	25	
July 19	Moynes, James A. & Co.	Detroit	Interior finish	47	1	48	
July 9	M. & S. Corporation	Detroit	Differentials	108	6	114	3
Nov. 20	Muellerhagen, Chas. J.	Detroit	Custom clothing	3		3	
May 22	Mueller, Chas. R. & Sons	Detroit	Machinery	6		6	
Oct. 4	Muer, Jos. Cigar Co.	Detroit	Cigars	71	176	247	
June 4	Multi-Color Co., The	Detroit	Blue prints	18	11	29	1
Nov. 17	Muncey Cartage Co.	Detroit	Cartage	26		26	
Nov. 20	Munro, Miss May	Detroit	Millinery		2	2	
April 25	Munroe, Wm. Co.	Detroit	Interior finish	33		33	
Nov. 9	Murchev Machine & Tool Co.	Detroit	Machinery	190	4	194	
Sept. 28	Murphy Bros	Detroit	Tools, etc.	30	1	31	2
Oct. 16	Murphy Chair Co.	Detroit	Chairs	476	154	630	43
Nov. 28	Murphy Hat Shop	Detroit	Millinery		7	7	
May 10	Murphy Iron Works	Detroit	Castings	266	9	275	2
Mar. 21	Murphy Machine Co.	Detroit	Tools and auto parts	23		23	
Dec. 21	Murray, Edgar A. Co.	Detroit	Chemicals	5	3	8	
Oct. 8	Murray, J. W. Mfg. Co.	Detroit	Steel stampings	498	7	505	
Dec. 5	Murray, Mary Co., The	Detroit	Millinery		2	2	
May 8	Murray Specialty Mfg. Co.	Detroit	Steam specialties	3	1	4	
Nov. 27	Mutual Builders Supply Co.	Detroit	Builders' supplies	10		10	
Nov. 20	Mutual Electric & Machine Co.	Detroit	Switch boards	86	13	99	14
June 4	Mutual Film Corporation	Detroit	Films	10	12	22	
April 25	Mussy-Lyon Co., The	Detroit	Metals	53	1	54	
Dec. 3	Myers Home Bakery	Detroit	Baked goods	4	2	6	
June 22	Myrick, E. B. & Co.	Detroit	Cigars	4	1	5	
June 4	Nagle, H. Sons Co.	Detroit	Plumbing	6		6	
Oct. 29	Nagel, John C.	Detroit	Auto bodies and wagons	12		12	
Aug. 27	Nagle Packing Co.	Detroit	Meats	6		6	
April 27	Nagle Packing Co.	Detroit	Meats	29		29	
Nov. 4	Nairn, Mrs. L.	Detroit	Millinery		9	9	
Sept. 10	National Baking Co.	Detroit	Baked goods	18		18	
May 31	National Bedding Co.	Detroit	Mattresses	16	5	21	
April 16	National Biscuit Co.	Detroit	Baked goods	136	106	242	1
Sept. 11	National Body & Trimming Co.	Detroit	Auto body trimming	31	4	35	
June 15	National Bronze & Aluminum Castings Co.	Detroit	Castings	17		17	
Oct. 15	National Can Co.	Detroit	Tin cans	328	258	586	6
April 16	National Candy Co.	Detroit	Candies	55	36	91	2
Oct. 8	National Glass Calendar & Mfg. Co.	Detroit	Glass calendars	7	6	13	1
June 13	National Grocer Co.	Detroit	Coffee mills	13	18	31	
Aug. 14	National Iron Works, The	Detroit	Structural iron	31		31	1
Nov. 7	National Lead Co.	Detroit	White lead, etc.	6	1	7	
Aug. 13	National Lumber & Mfg. Co.	Detroit	Boxes and crates	25	1	26	
Aug. 24	National Machine Products Co.	Detroit	Auto parts	76	1	77	5
June 8	National Mileometer Co., Ltd.	Detroit	Mileometers	8	8	16	



Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 10 years of age.
WAYNE Co.—Con.,							
June 1	National Pattern & Mfg. Co.	Detroit	Patterns	36		36	
July 17	National Pin Co.	Detroit	Pins	36	48	84	1
Aug. 13	National Production Co.	Detroit	Tools and dies	17		17	
Nov. 19	National Roofing & Paint Co.	Detroit	Sheet metal	24	3	27	
Oct. 19	National Shipping Co.	Detroit	Shipping	4		4	
April 13	National Soap Co.	Detroit	Soap	7		7	
May 4	National Tent & Awning Co.	Detroit	awnings	10	7	17	
Oct. 22	National Twist Drill & Tool Co.	Detroit	Tools	434	98	532	45
Aug. 29	National Upholstering House	Detroit	Upholstering	2	1	3	
June 19	Naylon-Pierson-Hough Co.	Detroit	Leather goods	22	5	27	
April 18	Nechuta & Brda Baking Co.	Detroit	Baked goods	2		2	
July 25	Needham Machine & Tool Co.	Detroit	Machinery	5		5	
July 30	Nehls, Barney	Detroit	Plating and enameling	27	1	28	3
Nov. 15	Nelson, Baker & Co.	Detroit	Drugs	82	133	215	2
June 21	Nelson, E. A.	Detroit	Automobiles	51		51	
June 13	Neubronner Carriage & Wagon Works	Detroit	Wagon repairing	4		4	
Aug. 17	Neumann, Wm. F. V. & Sons	Detroit	Auto repairing	23	2	25	
July 12	Newberry Baking Co.	Detroit	Baked goods	29	1	30	
Dec. 12	New Century Co., The	Detroit	Flour and feed	26	1	27	
Oct. 30	Newell, J. S.	Detroit	Refining, etc	2	1	3	
Oct. 31	New England Pie Co.	Detroit	Pies	47	27	74	
July 6	Newness Mfg. Co., The	Detroit	Auto trimmings	2	1	3	
July 27	Newton Packing Co.	Detroit	Meats	102	3	105	
April 19	New Warsaw Bakery	Detroit	Baked goods	3	1	4	
Sept. 14	New York Bakery	Detroit	Baked goods	6	1	7	
Sept. 11	New York Bed Spring Mfg. Co.	Detroit	Bed springs	20	4	24	2
April 24	New York Central Lines	Detroit	Freight	3		3	
Oct. 11	New York Central R. R. Co., The	Detroit	Freight	65	17	82	2
Nov. 16	New York Doll Hospital	Detroit	Dolls		4	4	
Dec. 7	New York Millinery Co.	Detroit	Millinery		1	1	
Oct. 3	Nicholson, Harry C.	Detroit	Coal	9	1	10	
April 19	Niemiec, John	Detroit	Baked goods	3		3	
Aug. 21	Nimmo, A. H. Electric Co.	Detroit	Electric supplies	25	1	26	1
Dec. 5	Noble Piano Co.	Detroit	Piano sales & repairing	6		6	
Dec. 6	Nold, E. L. Garage	Detroit	Auto repairing	3		3	
Mar. 21	Norrie Brass Foundry	Detroit	Brass castings	12		12	
April 19	Northern Engineering Works	Detroit	Cranes and hoists	254	12	266	5
July 11	Northern Stone & Granite Co., Inc.	Detroit	Cut stone	22		22	
Aug. 2	Northway Motor & Mfg. Co.	Detroit	Motors	2,308	55	2,363	6
Sept. 24	Northwest Cigar Mfg. Co.	Detroit	Cigars	24	40	64	
Dec. 31	Northwestern Malt Roasting Co.	Detroit	Malt	3		3	
Oct. 16	Northwestern Motor Sales & Service Co.	Detroit	Auto accessories	10	1	11	
May 17	Northwestern Motor Sales & Service Co.	Detroit	Auto repairing	13	2	15	
May 17	Northwestern Printing Co., The	Detroit	Printing	9	1	10	
Sept. 27	Nunn, Geo.	Detroit	Brick	21		21	
April 20	Oades, Walter H.	Detroit	Ship repairing	81		81	
Oct. 23	Oakland Family Wet Wash Laundry, The	Detroit	Laundry	5	1	6	
April 23	Oakland Knitting Co.	Detroit	Knit goods	1	26	27	
Dec. 6	O'Brien, C. A. & A. B.	Detroit	Millinery		4	4	
Dec. 3	O'Brien, E. H. & Co.	Detroit	Dressmaking		3	3	
Aug. 7	Oekford Printing Co.	Detroit	Job printing	37	19	56	3
June 6	O'Connor & Stewart	Detroit	Radiators	5		5	
Aug. 20	Oelman Machine Co.	Detroit	Machinery	7		7	
April 10	O-K Printing Co.	Detroit	Job printing	5		5	
Dec. 28	O. K. Skirt Co., Inc.	Detroit	Skirts	2	12	14	
Dec. 31	Oldberg Mfg. Co.	Detroit	Auto parts	8	1	9	
June 11	Oldenburg, Paul	Detroit	Baked goods	3	1	4	
Oct. 1	Olds Laundry	Detroit	Laundry	14	45	59	
Sept. 21	O'Leary, Max	Detroit	Auto repairing	35	1	36	
May 24	Oleynik & Girard	Detroit	Blacksmithing	3		3	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE CO.—Con.							
June 6	Olfs, Peter Safe Co., The	Detroit	Safes	12		12	
May 23	Olsen Auto Top Co.	Detroit	Auto tops	3	2	5	
Dec. 4	Olympic Garage	Detroit	Auto repairing	4		4	
Oct. 18	O'Neill Mfg. Co.	Detroit	Auto trucks and bodies	33	2	35	1
Oct. 31	Operatone Phonograph Co.	Detroit	Phonographs	5		5	
April 11	Oriental Show-You Co.	Detroit	Japanese sauce	2	3	5	
Jan. 9	Orling Bros.	Detroit	Meats	7		7	
Nov. 5	Orloff, Leonard B. Co., The	Detroit	Auto repairing	10		10	
Mar. 20	Ornamental Iron & Wire Works, The	Detroit	Iron and wire	4		4	
Oct. 19	Ornamental Products Co.	Detroit	Wood carvings	27	2	29	
Jan. 7	Orth, Adam J. Co.	Detroit	Sheet metal	4	1	5	
Dec. 31	O. & S. Bearing Co.	Detroit	Bearings	41	1	42	
May 4	Osmun, Walter W.	Detroit	Peanuts	1	2	3	
Sept. 7	Ossman Bros. Garage	Detroit	Auto repairing	3		3	
July 5	Otis Elevator Co.	Detroit	Elevators	142	4	146	2
Oct. 22	Otten Bros. Co.	Detroit	Cards	3	8	11	
Nov. 14	Otto, The Practical Hatter	Detroit	Hat cleaning	3	1	4	
Oct. 19	Owen & Graham Co.	Detroit	Truck repairing	9	2	11	
June 20	Owners Garage	Detroit	Auto repairing	6		6	
Oct. 19	Pabst Brewing Co.	Detroit	Beer	23		23	
July 28	Packard Motor Car Co.	Detroit	Motor cars	10781	441	11222	285
May 10	Padberg Linotyping Co.	Detroit	Linotyping	8		8	
July 6	Paige-Detroit Motor Car Co.	Detroit	Automobiles	720	30	750	
Nov. 6	Paige-Detroit Motor Car Service Station	Detroit	Auto service	118	28	146	3
Oct. 25	Palace-Model Laundry Co.	Detroit	Laundry	61	174	235	
Dec. 7	Pallister, Katherine	Detroit	Millinery		1	1	
Oct. 19	Palmer-Bee Co.	Detroit	Machinery and tools	61	9	70	
Oct. 22	Palmer Electric Co.	Detroit	Electric supplies	6	1	7	
April 10	Palmer-Paul Co.	Detroit	Silverware	4	2	6	
Dec. 28	Panama Cigar Mfg. Co.	Detroit	Cigars	2	8	10	
June 18	Paragon Machine Co., The	Detroit	Machinery	13	1	14	
May 11	Parent, W.	Detroit	Wagons	16		16	
Dec. 26	Paris Cleaners and Dyers	Detroit	Cleaning and dyeing	6	6	12	
July 9	Parisian Laundry Co.	Detroit	Laundry	33	136	169	1
Nov. 20	Parisienne Dress Shop, The	Detroit	Dressmaking		11	11	
Sept. 27	Paris Laundry, The	Detroit	Laundry	21	53	74	1
Nov. 13	Paris-New York Ladies' Tailors	Detroit	Ladies' tailoring	4	3	7	
April 24	Park Chemical Co.	Detroit	Chemicals	5	1	6	
May 3	Park & McKay	Detroit	Plumbing supplies	39	3	42	
May 1	Parke, Davis & Co.	Detroit	Chemicals	1,174	1,407	2,581	57
June 20	Parker Ave. Garage Co.	Detroit	Auto repairing	8		8	
Aug. 17	Parker Baking Co.	Detroit	Baked goods	22	9	31	
April 16	Parker Bros. Co., Ltd.	Detroit	Coal and coke, etc.	14		14	
Oct. 11	Parker Bros. Co., Ltd.	Detroit	Coal	22		22	
Oct. 2	Parker, H. B.	Detroit	Coal and coke	23	1	24	
May 2	Parker Mfg. Co.	Detroit	Tools	10	1	11	
Sept. 11	Parker Rust-Proof Co.	Detroit	Rust proofing	110	14	124	3
July 26	Parker, Webb & Co.	Detroit	Meats	530	6	536	40
Aug. 27	Parker, Webb & Co.	Detroit	Meats	13		13	
Nov. 22	Parkinson Co., Ltd., The	Detroit	Engraving	18	2	20	1
Dec. 31	Parkview Garage	Detroit	Auto repairing	6		6	
Nov. 8	Parkview Sales Co.	Detroit	Trucks and repairing	16	2	18	
Sept. 5	Parrish Mfg. Co.	Detroit	Auto parts	309	6	315	
Mar. 21	Parsons Mfg. Co.	Detroit	Locks and hinges	32	1	33	
July 12	Parsons Mfg. Co.	Detroit	Auto hardware	28	1	29	1
Oct. 23	Partlan, James W.	Detroit	Plumbing	40		40	2
May 22	Partridge, Wm.	Detroit	Book binding	1		1	
June 20	Pasadena Garage	Detroit	Auto repairing	4		4	
Sept. 5	Paschke, Aug. & Sons	Detroit	Lumber	25	1	26	
May 16	Pathe Exchange, Inc.	Detroit	Films	14	10	24	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE Co.—Con.							
May 10	Pathfinder Printing Co.	Detroit	Printing	7		7	
Dec. 4	Pattinson, Mrs. N. M.	Detroit	Millinery		3	3	
June 20	Pauli, Frank M. Co.	Detroit	Contracting	33	2	35	
May 18	Payette Neckwear Co.	Detroit	Neckwear	2	7	9	
May 18	Peckham, Ralph P.	Detroit	Plumbing	43	1	44	
Jan. 11	Pellow Machine Co., The.	Detroit	Machinery	4		4	
Oct. 18	Pelton & Crane Co., The.	Detroit	Electrical equipment	39	10	49	
July 16	Penberthy Injector Co.	Detroit	Steam injectors	242	20	262	7
June 15	Peninsular Auto Parts Co.	Detroit	Auto parts	16		16	
Dec. 27	Peninsular Auto Parts Co.	Detroit	Gasoline engines	15		15	
July 9	Peninsular Brass Works	Detroit	Brass goods	70	2	72	6
May 18	Peninsular Cash Register Co.	Detroit	Registers	15	2	17	
June 7	Peninsular Emery Wheel Co.	Detroit	Emery wheels	5		5	
April 11	Peninsular Fish Co.	Detroit	Fish	3	3	3	
June 6	Peninsular Milled Screw Co.	Detroit	Screw machine products	151	2	153	2
July 17	Peninsular Smelting Co.	Detroit	Smelting	38	1	39	
Nov. 14	Peninsular Stamp & Stencil Co.	Detroit	Rubber stamps	3		3	1
May 2	Peninsular Stove Co.	Detroit	Stoves	873	10	883	23
June 15	Peninsular Tool Salvage Co.	Detroit	Machine tools	21	3	24	1
April 6	Pennington McKee Co., The	Detroit	Awnings	9	6	15	
Sept. 14	Peoples Coal Co.	Detroit	Coal	6		6	
July 24	Peoples' Outfitting Co.	Detroit	Warehouse & mail order	86	14	100	2
Nov. 19	Peoples Shoe Hospital	Detroit	Shoe repairing	2		2	
June 15	Pere Marquette R. R. Co.	Detroit	Car repairing	57		57	1
Jan. 28	Pere Marquette R. R. Co.	Detroit	Freight	5		5	
Oct. 5	Peschke & Killian	Detroit	Meats	28		28	
June 13	Peshek, J. & J.	Detroit	Custom clothing	5	2	7	
Dec. 3	Peter, Anton	Detroit	Ladies' tailoring	1		1	
Oct. 22	Peters', Dyers & Cleaners	Detroit	Dyeing and cleaning	16	26	42	1
Dec. 13	Petts, Mrs.	Detroit	Millinery		2	2	
Nov. 26	Pewabic Pottery Co.	Detroit	Pottery	8	2	10	
Dec. 28	Pfeffer Sign Co.	Detroit	Signs	7		7	
Aug. 15	Pfeiffer Brewing Co.	Detroit	Beer	153	4	157	
April 24	Pfeiffer, Robert A. Co.	Detroit	Furs	13		13	
May 15	Pfromm, John	Detroit	Plumbing	3		3	
Nov. 16	Phelps, Krag & Co.	Detroit	Coffee and spices	6	3	9	
June 1	Phelps Mfg. Co.	Detroit	Electric supplies	9	22	31	1
Oct. 30	Phillips, Scott	Detroit	Shoe repairing	6		6	
Oct. 25	Phoenix Wire Works	Detroit	Wire cloth	39	1	40	1
Nov. 26	Photochrom Co., The	Detroit	Prints	65	15	80	
Dec. 6	Physicians' Stationery Co.	Detroit	Printing	3	2	5	
Sept. 7	Piaven & Tapper	Detroit	Junk	3	2	5	
Oct. 26	Piggins, Wm. S. Sons, Inc.	Detroit	Cut stone	47	1	48	
May 7	Pingree Co., The	Detroit	Shoes	214	119	333	
June 1	Pingree, F. C. Sons Co.	Detroit	Shoes	22	11	33	2
June 11	Pipp Bros.	Detroit	Job printing	3		3	
June 21	Pittmans & Dean Co.	Detroit	Ice	45		45	
June 21	Pittmans & Dean Co.	Detroit	Coal and coke	22		22	
Oct. 12	Pittmans & Dean Co.	Detroit	Coal and ice	27		27	
Oct. 15	Pittmans & Dean Co.	Detroit	Ice	13		13	
Sept. 7	Pittmans & Dean Co.	Detroit	Ice	50		50	
May 25	Pittmans & Dean Co.	Detroit	Coal and ice	50	1	51	
Sept. 27	Pittmans & Dean Co.	Detroit	Repairing	4		4	
Aug. 13	Pitts, Benj.	Detroit	Blacksmithing	2		2	
Oct. 9	Pitts, Roy B.	Detroit	Shirts	2	5	7	
May 23	Pittsburgh Plate Glass Co.	Detroit	Glass and paint	95	11	106	1
April 20	Pittsburgh Shafting Co. of Detroit	Detroit	Shafting	46	12	58	
Oct. 30	Plant, H.	Detroit	Sheet metal	2		2	
Dec. 21	Pleger, Ernest W.	Detroit	Furs	3	3	6	
Aug. 16	Plensdorf, Gust. E.	Detroit	Auto repairing	2		2	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE CO.—Con.							
Jan. 7	Plumb, Chas. H.	Detroit	Flowers	10	1	11	
Dec. 13	Podlewska, Mary	Detroit	Millinery		2	2	
Sept. 11	Pohlman, Chas. & Co.	Detroit	Furniture	25		25	1
Nov. 20	Pohl Printing Co.	Detroit	Job printing	11	5	16	1
Nov. 19	Pokorny, Chas. E.	Detroit	Cleaning	2		2	
Sept. 17	Polish-American Publishing Co.	Detroit	Printing	12	1	13	
Sept. 20	Polonia Publishing Co.	Detroit	Printing	26	4	30	1
May 28	Polyglot Printers, The	Detroit	Job printing	4		4	
Jan. 2	Pomeroy-MacFarland Co., Inc.	Detroit	Surgical appliances	3	2	5	
Sept. 4	Porath Bros.	Detroit	Brick	38		38	
Aug. 27	Porcelain Enameling & Mfg. Co.	Detroit	Enameling	23	1	24	
Dec. 7	Porter, Adele	Detroit	Millinery		3	3	
Sept. 5	Posselius Bros., The	Detroit	Furniture	132	3	135	4
Nov. 2	Posselius, A. & Co.	Detroit	Furniture repairing	19	2	21	
Aug. 27	Postal Telegraph-Cable Co.	Detroit	Telegraph service	104	34	138	40
April 30	Powell & Meyers Mfg. Co.	Detroit	Iron specialties	8		8	
Dec. 27	Pragnell, Miss L.	Detroit	Millinery		6	6	
Jan. 7	Prance, Jos. G.	Detroit	Tailoring	17	7	24	
May 4	Precision Instrument Co.	Detroit	Measuring instruments	26	4	30	1
Oct. 19	Premier Cushion Spring Co.	Detroit	Springs	105	6	111	10
Dec. 3	Prest-o-lite Co., Inc., The	Detroit	Storage batteries	27	5	32	
Sept. 4	Princess Motor Car Corporation	Detroit	Motor cars	36	3	39	
May 17	Process Painting Co.	Detroit	Auto painting	12	1	13	
Oct. 15	Producers Creamery Co.	Detroit	Dairy products	13	5	18	
Jan. 7	Progress Bedding Co.	Detroit	Bedding	8	2	10	
Nov. 30	Progress Hand Laundry	Detroit	Laundry	1	4	5	
Dec. 31	Progressive Laundry Co.	Detroit	Laundry	4		4	
Aug. 17	Progressive Print Shop, The	Detroit	Job printing	6	1	7	1
April 12	Prompt Press, The	Detroit	Job printing	5	1	6	
Nov. 30	Prout, A. T.	Detroit	Laundry	7	19	26	
June 15	Public Lighting Commission	Detroit	Electricity	189	2	191	
May 21	Public Typesetting Service	Detroit	Typesetting	2		2	
Aug. 3	Pudrith, A. F. Co., The	Detroit	Sheet metal	21	1	22	
Aug. 15	Pullman Co., The	Detroit	Car cleaning	62	51	113	
Nov. 17	Purdy Lumber & Mfg. Co.	Detroit	Lumber, etc.	10		10	
May 11	Purdy Lumber & Mfg. Co.	Detroit	Interior finish	8		8	
July 20	Puritan Brick & Tile Co.	Detroit	Brick	5		5	
Nov. 7	Puritan Machine Co.	Detroit	Auto parts	31	12	43	
Dec. 7	Quality Furrier	Detroit	Furs	2	4	6	
Jan. 4	Quinkert, John J.	Detroit	Tailoring	2	2	4	
Aug. 23	Racarma Co., Inc., The	Detroit	Toilet preparations	6	14	20	
Nov. 4	Radford Block Co., The	Detroit	Automobiles	20	2	22	
April 24	Railway Steel-Spring Co.	Detroit	Bar steel	287		287	
Sept. 21	Rall's Chocolate Shop	Detroit	Candies	3	4	7	
June 9	Ralston Printing Co., The	Detroit	Job printing	7	4	11	1
May 16	Randall Co., The	Detroit	Labels and calendars	7	2	9	
Oct. 4	Rankin, Wm.	Detroit	Cut stone	4		4	
Dec. 3	Ransome, L. M.	Detroit	Millinery		4	4	
Dec. 21	Rapp Printing Co.	Detroit	Printing	2		2	
April 25	Raths Oil Co.	Detroit	Oils	3		3	
Oct. 29	Rau, Madame	Detroit	Dressmaking		8	8	
May 4	Raulet & Nicholson	Detroit	Machinery	8		8	
May 16	Raymo, Chas. H.	Detroit	Sheet metal	8		8	
May 24	Raymond, Chas. & Son	Detroit	Contracting	33		33	
May 29	Raynor & Taylor	Detroit	Printing	41	4	45	1
June 1	R. B. L. Co.	Detroit	Tools and dies	56		56	1
April 24	R. C. Paint Shop	Detroit	Auto painting	6	1	7	
Aug. 31	Reading Truck Co.	Detroit	Trucking	320	3	323	
Aug. 10	Reardon-Parshall Co., The	Detroit	Job printing	9	1	10	
May 2	Reberdy, E.	Detroit	Blacksmithing	2		2	

Factory Inspection.—Continued.

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<b>WAYNE Co.—Con.</b>							
Nov. 26	Redelsheimer, Max.	Detroit.	Optical goods.	3	1	4	
April 20	Red Star Yeast Co.	Detroit.	Yeast.	4	4	8	
Jan. 3	Reeder, A. H.	Detroit.	Interior finish.	3		3	
Nov. 2	Reeg, F. L. Co., The.	Detroit.	Engraving, etc.	7	9	16	
Oct. 5	Regal Motor Car Co.	Detroit.	Motor cars.	124	17	141	
May 7	Reichenbach Laboratories.	Detroit.	Carburetors.	19	1	20	1
Dec. 3	Reid, Florence.	Detroit.	Millinery.		1	1	
Dec. 7	Reid, Margaret W.	Detroit.	Millinery.		2	2	
June 22	Reinhold Mfg. Co.	Detroit.	Ice machines.	17		17	
June 13	Reiss Body Co.	Detroit.	Auto bodies.	11		11	
Nov. 22	Reliable Auto Top Co.	Detroit.	Auto tops.	4		4	
Jan. 3	Reliable Laundry, The.	Detroit.	Laundry.	7	28	35	
Nov. 9	Reliable Tire Repair Co.	Detroit.	Tire repairing.	7	1	8	
May 7	Reliable Upholstering Co., The.	Detroit.	Upholstering.	7		7	
Nov. 27	Remer Fur Co.	Detroit.	Furs.	4	3	7	
Nov. 23	Remick, Jerome H. & Co.	Detroit.	Music.	12	15	27	3
Nov. 23	Remick, Jerome H. Printing Co.	Detroit.	Printing.	15	3	18	
Nov. 20	Remington Typewriter Co.	Detroit.	Typewriters.	9		9	1
Sept. 5	Remy Electric Co.	Detroit.	Electric supplies.	82	9	91	
Dec. 21	Renchard Shirt & Neckwear Co., The.	Detroit.	Shirts.	4	8	12	
Jan. 4	Resler, W. A.	Detroit.	Tailoring.	4		4	
Oct. 23	Restrick Lumber Co.	Detroit.	Lumber.	57		57	
Sept. 6	Restrick Lumber Co.	Detroit.	Lumber.	8		8	
June 1	Restrick Lumber Co.	Detroit.	Lumber.	91	5	96	
Dec. 11	Reutter, Madame Smith.	Detroit.	Millinery.		8	8	
Nov. 30	Rex Machine & Tool Co.	Detroit.	Tools.	5		5	
July 30	Rex Plating Works.	Detroit.	Plating, etc.	8		8	
April 11	Rex Talking Machine Co.	Detroit.	Talking machines.	5		5	
Mar. 29	Rice, Jerome B. Seed Co.	Detroit.	Seeds.	56	304	360	
April 23	Richards Welding & Brasing Co.	Detroit.	Welding and brasing.	5		5	
Dec. 7	Richmond & Backus Co., The.	Detroit.	Printing.	56	25	81	
Aug. 29	Rickel, H. W. & Co.	Detroit.	Malt.	15	1	16	
Aug. 27	Rickett's Laundry.	Detroit.	Laundry.	4	15	19	
Dec. 13	Rickey, Zelta.	Detroit.	Millinery.		1	1	
June 19	Ridgeley, R. B. Co., The.	Detroit.	Steel.	13	5	18	
Jan. 8	Riedinger, H. F.	Detroit.	Wagons.	2		2	
Oct. 22	Ritter Cigar Box Mfg. Co.	Detroit.	Cigar boxes.	14	33	47	7
Aug. 14	Rivard, Louis F.	Detroit.	Interior finish.	9		9	
April 13	Riverside Machinery Depot.	Detroit.	Machinery.	7	1	8	
April 6	Riverside Scrap Iron Metal Co.	Detroit.	Scrap metal.	13		13	
June 7	Riverside Scrap Iron Metal Co.	Detroit.	Iron and metal.	17		17	
April 27	Riverside Storage & Cartage Co.	Detroit.	Storage, etc.	77	2	79	
Dec. 3	Roach, James Co., The.	Detroit.	Decorating.	51	3	54	
April 13	Roberts Brass Mfg. Co., The.	Detroit.	Brass goods.	475	16	491	45
Aug. 23	Roberts, C. F. Co., Inc.	Detroit.	Oils.	2	2	4	
May 31	Roberts, H. C. Transfer Co., The.	Detroit.	Storage and cartage.	13		13	
April 20	Roberts, James & Son.	Detroit.	Cartage.	9		9	
May 15	Roberts Tube Works.	Detroit.	Tubes.	33		33	
Oct. 11	Robinson Automatic Machine Co., The.	Detroit.	Polishing machines.	7		7	
July 28	Robinson Beef Co.	Detroit.	Meats.	19		19	
Sept. 11	Robinson, D. & Sons.	Detroit.	Mill supplies.	19	32	51	1
June 12	Robinson Laundry.	Detroit.	Laundry.	6	16	22	
Dec. 6	Robinson, L. J. Co.	Detroit.	Auto repairing.	24	4	28	
May 10	Robertson, R. Co.	Detroit.	Cut stone.	15		15	
Dec. 7	Roche-Crotty.	Detroit.	Millinery.		5	5	
Nov. 1	Rodger, D. T. & Bro.	Detroit.	Plumbing.	7		7	
Sept. 6	Roehl Bros.	Detroit.	Storage.	37	2	39	
Aug. 14	Roehm & Davison.	Detroit.	Structural iron.	28		28	
Dec. 20	Roehm, Edward R.	Detroit.	Emblems.	5	2	7	
Dec. 10	Roesmer, Ida.	Detroit.	Millinery.		3	3	

## Factory Inspection.—Continued.

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WAYNE CO.—Con.							
May 8	Roe Stephens Mfg. Co.	Detroit	Brass goods	181	1	182	8
Oct. 22	Roe-Yale Sales Co.	Detroit	Auto repairing	9	1	10	
April 27	Rogers, C. E.	Detroit	Machinery	31		31	
Sept. 19	Rohiman, Chas. P. & Sons	Detroit	Blacksmithing	5		5	
Oct. 26	Rohms, Albert & Co.	Detroit	Iron	8		8	
April 27	Roller Mill Works	Detroit	Machinery	16		16	1
Dec. 27	Rollins Co., The	Detroit	Furs	7	12	17	
June 11	Rookus Printing Co., The	Detroit	Job printing	7	3	10	
Nov. 16	Ross & Wood	Detroit	Plumbing	30		30	
Dec. 13	Rose, Edna M.	Detroit	Millinery		3	3	
Aug. 30	Rosen, Sam	Detroit	Baked goods	8		8	
June 12	Rosecrans, O. P.	Detroit	Coal and coke	9	1	10	
May 8	Rosenberg Bros.	Detroit	Furs	18	6	24	
Dec. 6	Rosenbloom, Mrs. J.	Detroit	Millinery		3	3	
Sept. 14	Rosengarten & Co.	Detroit	Custom clothing	6	1	7	
April 20	Rosenzweig, S. D.	Detroit	Metals	5		5	
Dec. 12	Rosolowska, Mrs. S.	Detroit	Millinery		15	15	
Dec. 27	Rosser, Frank J.	Detroit	Flowers	2		2	
Dec. 31	Roth, Jacob	Detroit	Junk	4		4	
Dec. 6	Rothschild's Millinery	Detroit	Millinery		3	3	
Oct. 17	Rotter, A.	Detroit	Junk	38	1	39	
Nov. 5	Roupe-Hunt	Detroit	Millinery		4	4	
Nov. 2	Rowden, H. J.	Detroit	Baked goods	3	1	4	
Oct. 31	Rowe Sanitary Mfg. Co.	Detroit	Lavatories, etc.	11	9	20	
Jan. 18	Rowe's Printery	Detroit	Printing	6	1	7	
Aug. 16	Rowe, W. H.	Detroit	Job printing	6	1	7	
April 10	Rowley Scale & Supply Co.	Detroit	Scales	9	1	10	
April 10	Royal Cone Co., The	Detroit	Cones	5	2	7	
Nov. 20	Royal Cycle Co.	Detroit	Bicycles	3		3	
Nov. 14	Royal Typewriter Co.	Detroit	Typewriters	8	3	11	1
May 11	Royal Valley Coffee Co.	Detroit	Coffee and teas	4	6	10	
Dec. 3	Rudd Auto Top Co., The	Detroit	Auto tops	2	1	3	
Dec. 10	Ruen, Ella	Detroit	Millinery		3	3	
Jan. 3	Ruhl's Bakery	Detroit	Baked goods	3	1	4	
Oct. 15	Rumsey Electric Co.	Detroit	Auto repairing	7	1	8	
Aug. 10	Runde, R. W.	Detroit	Tools	27	1	28	
May 21	Runnings, J. R.	Detroit	Gas engines	8		8	1
June 7	Ruppel Print Shop, The	Detroit	Job printing	3	1	4	
Aug. 17	Rutledge, A. R.	Detroit	Building supplies	8		8	
Nov. 1	R. & W. Cigar Co.	Detroit	Cigars	1	18	19	
Oct. 15	Ryan Bros.	Detroit	Cement blocks	5		5	
Sept. 19	Ryan, James	Detroit	Blacksmithing	3		3	
Oct. 25	Ryerson, Jos. T. & Son	Detroit	Iron and steel	42	5	47	
Nov. 2	Sabine, Chas. S.	Detroit	Harness	2		2	
Sept. 28	Safety Furnace Pipe Co.	Detroit	Furnace pipes	28	1	29	
Jan. 7	St. Aubin, Edwin J.	Detroit	Plumbing	21	1	22	
Nov. 13	St. Mary's Hospital	Detroit	Laundry	21	32	53	
May 4	Sales, Murray W. & Co.	Detroit	Steam fittings	17		17	
Dec. 10	Salter Millinery	Detroit	Millinery		3	3	
July 12	Sample & Smith Lumber Co.	Detroit	Interior finish	22		22	
Oct. 11	Sam, The Shoe Man	Detroit	Shoe repairing	2		2	
Aug. 16	Sanborn, A. I.	Detroit	Roofing	15	2	17	
Nov. 27	Sanders, F.	Detroit	Candies	42	45	87	1
Sept. 26	Sand, J. & Sons	Detroit	Levels	27		27	3
Nov. 23	Sands & Williams	Detroit	Auto repairing	6		6	
Nov. 23	Sands & Williams	Detroit	Ice cream	144	12	156	
Aug. 10	Sanitary Cleaning & Pressing Co.	Detroit	Cleaning, etc.	3		3	
Nov. 1	Sanitary Dust Removing Co.	Detroit	Cleaning, etc.	11		11	
Dec. 31	Sanitary Laundry Co.	Detroit	Laundry	5	1	6	
June 8	Sanitary Steam Flat Iron Co., The	Detroit	Steam irons	7	1	8	

Factory Inspection.—Continued.

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WAYNE Co.—Con.							
Oct. 12	San Telmo Cigar Mfg. Co. ....	Detroit.....	Cigars .....	30	669	699	13
April 19	San Telmo Cigar Mfg. Co. ....	Detroit.....	Cigars .....	28	252	280	10
April 18	Sass, Louis H. ....	Detroit.....	Coal and coke .....	10	2	12	
July 13	Sattley Coin Handling Machine Co. ....	Detroit.....	Coin machines. ....	8		8	2
Nov. 22	Saturday Night Press, Inc. ....	Detroit.....	Printed matter.....	63	13	76	3
April 11	Saturn Lithograph Mounting Co. ....	Detroit.....	Lithograph mounting. ....	4		4	
June 8	Sauer Bros. ....	Detroit.....	Lithographing .....	13	3	16	
Jan. 7	Sauer, Wm. & Son.....	Detroit.....	Cooperage .....	14	1	15	
Aug. 31	Saxon Motor Car Corporation.....	Detroit.....	Auto painting, etc. ....	28	1	29	
Aug. 13	Saxon Motor Car Corporation.....	Detroit.....	Motor cars .....	879	61	940	2
Nov. 30	Scarlett, Wm. ....	Detroit.....	Auto repairing .....	4		4	
June 15	Schadt & Mathewson.....	Detroit.....	Feather pillows .....	6	7	13	
May 18	Schaffner, G. H. ....	Detroit.....	Signs .....	5		5	
Dec. 28	Schartz Moving Co. ....	Detroit.....	Moving .....	4		4	
May 11	Scheel, John J. ....	Detroit.....	Cement blocks .....	30	2	32	
June 12	Scheffer, Frank L. ....	Detroit.....	Baked goods .....	2		2	
Oct. 16	Scheinman, I. L. & Co. ....	Detroit.....	Wiping rags .....	7	31	38	
Nov. 19	Scheller-Sherman Printing Co. ....	Detroit.....	Job printing .....	4		4	
May 9	Scherer, H. & Co. ....	Detroit.....	Auto trimming .....	25	8	33	
July 19	Schermack Corporation, The.....	Detroit.....	Machinery .....	28	3	31	1
May 18	Schermerhorn, Chas. T. Printing Co. ....	Detroit.....	Printing .....	7		7	1
Jan. 7	Scheuren & Mok .....	Detroit.....	Flour and feed .....	9	1	10	
April 26	Schiffer Printing Co. ....	Detroit.....	Job printing .....	2		2	
Sept. 7	Schlafer, Louis .....	Detroit.....	Junk .....	3	2	5	
Dec. 27	Schlaff, John Creamery Co. ....	Detroit.....	Dairy products .....	79	4	83	
June 13	Schlesinger, A. & Co. ....	Detroit.....	Clothing .....	2	32	34	
Oct. 19	Schlieder Mfg. Co. ....	Detroit.....	Valves .....	122	1	123	3
Aug. 14	Schmanky Bros. Co. ....	Detroit.....	Custom clothing .....	3		3	
May 18	Schmidt, Carl E. & Co., Inc. ....	Detroit.....	Leather .....	92		92	4
Aug. 21	Schmidt, Carl E. & Co., Inc. ....	Detroit.....	Leather .....	15	3	18	
June 12	Schmidt, Hugo Picture Frame Co. ....	Detroit.....	Picture frames .....	8	8	16	2
Aug. 14	Schmidt, Traugott & Sons.....	Detroit.....	Fur skins and wool .....	120	2	122	
Dec. 26	Schneider, A. ....	Detroit.....	Baked goods .....	11	3	14	
Dec. 26	Schneider, F. ....	Detroit.....	Flowers .....	3		3	
Aug. 16	Schneider, Jos. A. ....	Detroit.....	Custom clothing .....	3	2	5	
Aug. 24	Schneider, M. ....	Detroit.....	Rags .....	4	2	6	
April 17	Schnell-Cobb Machine Co. ....	Detroit.....	Machine repairing .....	11	1	12	
May 28	Schober Printing Co. ....	Detroit.....	Printing .....	21	6	27	4
Dec. 28	Schoenborn & Cowles Mfg. Co., The.....	Detroit.....	Machinery .....	89	1	90	
Oct. 29	Schonhofen, W. ....	Detroit.....	Sheet metal .....	3		3	
April 11	Schratz Chemical Co., The .....	Detroit.....	Bath powder .....	3		3	
Sept. 24	Schreiber Roofing Co. ....	Detroit.....	Roofing .....	6		6	
June 19	Schroeter, B. ....	Detroit.....	Flowers .....	6	2	8	
Sept. 13	Schroeter's, Herman Sons .....	Detroit.....	Keys .....	3		3	
Jan. 9	Schulte Co. ....	Detroit.....	Tallow, etc. ....	9		9	
May 23	Schulte-Mulleavy Sales Co., The .....	Detroit.....	Auto repairing .....	23	1	24	
Jan. 9	Schultz, A. W. & Co. ....	Detroit.....	Plumbing .....	21		21	
Oct. 29	Schumacher Bros. & Graham.....	Detroit.....	Coal and coke .....	8	2	10	
May 16	Schug Electric Mfg. Co. ....	Detroit.....	Electric batteries .....	6	1	7	
Sept. 13	Schuster, Louis .....	Detroit.....	Junk .....	4	4	8	
Dec. 27	Schwab, G. E. Chandelier Co. ....	Detroit.....	Chandeliers .....	4		4	1
Oct. 11	Schwanbeck Bros. ....	Detroit.....	Show cases .....	69	2	71	4
Aug. 27	Schwartz, Bernard .....	Detroit.....	Cigars .....	12	66	78	
April 23	Schwartz Furniture Co. ....	Detroit.....	Furniture .....	4		4	
Nov. 21	Schwartz Upholstering Co. ....	Detroit.....	Upholstering .....	2		2	
Sept. 11	Schwarz Foundry Co. ....	Detroit.....	Castings, etc. ....	62	2	64	1
Sept. 11	Schweppe & Wilt Mfg. Co., The.....	Detroit.....	Auto parts .....	78	3	81	1
June 12	Scientific Instrument Co. ....	Detroit.....	Instruments .....	17	3	20	
Aug. 13	Scott Bros. Electric Co. ....	Detroit.....	Electric supplies .....	14	1	15	
July 31	Scott, Frank G. ....	Detroit.....	Physicians supplies.....	6	7	13	1

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>WAYNE CO.—Con.</b>							
Dec. 6	Scott, Mrs. F. M.	Detroit.	Millinery		3	3	
May 7	Scott, J. E. Co.	Detroit.	Flags and banners	5	25	30	1
Aug. 6	Scotten Dillon Co.	Detroit.	Tobacco	313	590	903	71
June 21	Scranton, J. P. & Co.	Detroit.	Lumber	19	2	21	
June 19	Scribner Floral Co.	Detroit.	Flowers	4	1	5	
June 21	Scripps-Booth Corporation.	Detroit.	Automobiles	33		33	
Aug. 20	Scripps-Booth Corporation.	Detroit.	Motor cars	152	18	170	
Oct. 10	Scripps Motor Co.	Detroit.	Engines	59	3	62	
June 12	Searight-Downs Mfg. Co.	Detroit.	Machinery	19		19	3
April 23	Seely Mfg. Co., The.	Detroit.	Perfumes	2	3	5	
May 7	Seidel Printing Co.	Detroit.	Job printing	5		5	1
May 15	Seidler-Miner Co.	Detroit.	Electric repairing	17		17	1
May 16	Selik Bros.	Detroit.	Auto parts	53	2	55	1
Aug. 17	Semet Solvay Co.	Detroit.	Coke	652	5	657	2
Nov. 20	Sempiner & Frater, B.	Detroit.	Ladies' tailoring	2	1	3	
Nov. 27	Senate Laundry	Detroit.	Laundry	13	40	53	
Dec. 28	Service Garage, The.	Detroit.	Auto repairing	5	1	6	
Nov. 26	Service Motor Sales Co.	Detroit.	Auto repairing	5	1	6	
Aug. 13	Service Pattern Works.	Detroit.	Patterns	25	1	26	
Nov. 16	Service Printing Co.	Detroit.	Job printing	5	1	6	
Sept. 21	Service Station	Detroit.	Automobiles	20	1	21	
Aug. 20	Sewell Cushion Wheel Co.	Detroit.	Motor trucks	68	7	75	
Dec. 31	Sexauer, Chas. Roofing Co.	Detroit.	Roofing	11		11	
July 16	Shailor Engineering Co.	Detroit.	Tools	6		6	
Dec. 18	Shapero, Herman	Detroit.	Plumbing	8	1	9	
Aug. 15	Shapiro Antique Co.	Detroit.	Furniture	19	1	20	
Oct. 22	Sharpe, H. M.	Detroit.	Job printing	3		3	
Dec. 3	Sharp, Mrs. J. Milton Co.	Detroit.	Children's wear		13	13	
June 11	Shaw Engraving Co.	Detroit.	Engraving	7	1	8	
Dec. 12	Sheedy, Mrs.	Detroit.	Millinery		2	2	
June 8	Sheehy, Louis	Detroit.	Plumbing, etc.	6	1	7	
July 17	Sheill, F. D. Baking Co.	Detroit.	Baked goods	27	10	37	
April 11	Shelby Printing Co.	Detroit.	Printing	5	2	7	1
Dec. 31	Shepard, R. V. Co.	Detroit.	Gowns	1	17	18	
Dec. 4	Sherman, G. H., M. D.	Detroit.	Bacterial vaccines	3	16	19	
Dec. 20	Sherratt Electric Co.	Detroit.	Electric supplies	8	1	9	
May 8	Sherwood Brass Works	Detroit.	Castings	323		323	2
Sept. 18	Shipe Made	Detroit.	Car bodies	2	2	2	
Sept. 12	Shlain, Jacob	Detroit.	Junk	3	3	6	
May 10	Shove, E. D.	Detroit.	Blacksmithing	2		2	
June 4	Shuler Axle Mfg. Co.	Detroit.	Auto axles	55	1	56	
June 8	Shumaker Colorplate Co.	Detroit.	Engraving	13	1	14	1
Sept. 10	Shurgin, H.	Detroit.	Plumbing	11		11	
Aug. 15	Sibley, F. M. Lumber Co.	Detroit.	Lumber	111	5	116	
Oct. 15	Sibley, F. M. Lumber Co.	Detroit.	Lumber	7		7	
Mar. 29	Sidebottom, P. A. Truck Co.	Detroit.	Trucking	33		33	
May 25	Sidney Mfg. Co., The.	Detroit.	Auto bodies	14		14	
Nov. 19	Sieger & Hammer	Detroit.	Custom clothing	6	2	8	
Oct. 11	Siegrist, Theodore	Detroit.	Garment repairing	3		3	
May 9	Sievers & Erdman Co.	Detroit.	Auto painting	65	10	75	
Oct. 9	Siewek Bros. Co.	Detroit.	Tools	64	2	66	
April 18	Siggins & Bowles	Detroit.	Circular letters	5	3	8	1
Dec. 27	Signal Motor Truck Co.	Detroit.	Motor trucks	82	7	89	
April 12	Sikora Bros.	Detroit.	Baked goods	3		3	
Sept. 27	Silver Springs Water Co.	Detroit.	Mineral water	12	6	18	
Dec. 27	Silverstone's Fine Millinery	Detroit.	Millinery		4	4	
Oct. 19	Simmons Co., The.	Detroit.	Bed springs	3	1	4	
Aug. 21	Simon, A. & Co.	Detroit.	Wool	7	3	10	
April 30	Simon, Wm. C.	Detroit.	Custom clothing	5	2	7	
Dec. 6	Simons Sales Co., The.	Detroit.	Sales & auto repairing	119	9	128	2



Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE Co.—Con.							
Nov. 16	Simpson, Wm. T.	Detroit	Artificial limbs.	1		1	
Oct. 25	Sinclair, J. T. Co.	Detroit	Coal and coke	21	2	22	
July 26	Sinclair, J. T. Co.	Detroit	Coal	23		25	
Jan. 2	Singelyn & Lowry Co.	Detroit	Bar fixtures	6	1	7	
Nov. 12	Singer, Miss Anna	Detroit	Dressmaking		5	5	
Dec. 31	Singer, Jacob	Detroit	Junk	17	1	18	
Dec. 28	Sisman, Andrew C. Co.	Detroit	Contracting	115	6	121	1
May 28	Skawronsky & Budnik	Detroit	Custom clothing	6	4	10	
Aug. 29	Slater Saw Co., The	Detroit	Saws and repairing	4		4	
May 7	Slesinger, Victor & Sons	Detroit	Furs	6	1	7	
April 18	Sloane's Garage	Detroit	Auto repairing	4		4	
June 19	Sloman, M. & Co.	Detroit	Furs	16	5	21	
April 19	Slowinski, A. R.	Detroit	Custom clothing	9	4	13	
Nov. 27	Smafield Hat Shop	Detroit	Millinery		3	3	
Nov. 14	Smart Hat Shop, The	Detroit	Millinery		2	2	
May 21	Smillie, C. M.	Detroit	Machinery	10		10	
Nov. 7	Smith, Albert	Detroit	Wagon repairing	6		6	
Nov. 1	Smith, Alice	Detroit	Millinery		2	2	
May 3	Smith Bros.	Detroit	Wagons	4		4	
May 3	Smith Bros.	Detroit	Blacksmithing	3		3	
Sept. 7	Smith, C. F. Co.	Detroit	Baked goods	26		26	
Oct. 22	Smith, F. R.	Detroit	Dairy products	8	1	9	
Sept. 21	Smith-Hamburg-Scott Welding Co.	Detroit	Welding	12		12	
April 25	Smith, H. Collier	Detroit	Machinery	69	3	72	
Oct. 17	Smith, John N. & Co.	Detroit	Upholstering	34	12	46	1
Oct. 16	Smith, Jos. N. & Co.	Detroit	Wind shields	366	10	376	
Nov. 27	Smith, L. C. & Bros.	Detroit	Typewriters	11	4	15	2
June 6	Smith-Matthews Foundry Co., The	Detroit	Castings	33		33	
Dec. 3	Smith Motor Co.	Detroit	Motor cars sales	7	2	9	
Sept. 6	Smith, Peter Heater Co.	Detroit	Electric heaters	64	3	67	5
Nov. 22	Smith, Sara A.	Detroit	Buttons	1	6	7	
May 31	Smith, Thos. Press	Detroit	Job printing	18	4	22	1
Aug. 31	Smitt, S.	Detroit	Custom clothing	6	2	8	
April 30	Snyder, A. H.	Detroit	Baked goods	4	1	5	1
July 13	Snyder-Barr Screw Co.	Detroit	Screws, etc	8		8	2
Aug. 19	Solvay Process Co., The	Detroit	Alkalis	1,995	60	2,055	10
Jan. 7	Sommers & Sons Co., Inc.	Detroit	Copper smithing	15		15	
Oct. 9	Son Cartage & Garage Corporation.	Detroit	Cartage	6	1	7	
Nov. 14	Sonnenburg, Tailor, Inc.	Detroit	Custom clothing	4	1	5	
Dec. 6	Southee Hat Shop	Detroit	Millinery		4	4	
Dec. 31	Southwick-Pom Co.	Detroit	Contracting	60	2	62	
Jan. 9	Spaulding Electric Co.	Detroit	Electric repairing	31	2	33	2
May 10	Speaker-Hines Printing Co.	Detroit	Printing	39	8	47	
Dec. 27	Speck, Hopf & Gaifsky	Detroit	Coal, coke and wood	15	1	16	
Dec. 31	Sperlich & Uhlig	Detroit	Tools	21	1	22	2
Nov. 16	Spirella Co., Inc., The	Detroit	Corsets		2	2	
Jan. 2	Splitdorf Electrical Co.	Detroit	Magnetos	15	3	18	
June 22	Spranger Wire Wheel Co.	Detroit	Wire wheels	62	3	65	6
June 20	Sprenger, Jos. & Sons	Detroit	Boilers	5		5	
Oct. 29	Sprenger, Lillian	Detroit	Paper patterns		4	4	
May 2	Springfield Body Co.	Detroit	Auto bodies	341	3	344	
May 11	Springman Paper Products Co.	Detroit	Die cutting	27	27	54	
June 8	Sprunk Engraving Co.	Detroit	Engraving	19	1	20	2
Oct. 9	Staats, Henry	Detroit	Jewelry	3		3	
Nov. 23	Stafford Printing Co.	Detroit	Printing	6	4	10	
Jan. 8	Stahlbuck, Otto	Detroit	Baked goods	3		3	
Aug. 23	Stamler Laundry Co.	Detroit	Laundry	3	5	8	
Jan. 2	Stamler Laundry Co.	Detroit	Laundry	1	4	5	
Jan. 15	Standard Auto Tire Repair Co.	Detroit	Auto tire repairing	4		4	
Sept. 10	Standard Barrel & Bag Co.	Detroit	Barrels and bags	16	1	17	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 10 years of age.
WAYNE Co.—Con.							
Oct. 1	Standard Box Co.	Detroit	Boxes	9	1	10	
May 10	Standard Brass Works	Detroit	Hardware	159	9	168	10
Oct. 30	Standard Candy Co.	Detroit	Candy	2	2	4	
May 28	Standard Computing Scale Co.	Detroit	Scales	128	14	142	2
May 7	Standard Detroit Tractor Co.	Detroit	Tractors	55		55	
Aug. 27	Standard Fuel Appliance Co.	Detroit	Heating appliances	12	1	13	
Oct. 16	Standard Laundry Co., The	Detroit	Laundry	11	44	55	
April 26	Standard Motor Parts Co.	Detroit	Motor parts	17	11	28	
June 14	Standard Motor Truck Co.	Detroit	Motor trucks	74	5	79	
May 4	Standard Oil Co.	Detroit	Oils	60		60	
Aug. 31	Standard Pant Makers	Detroit	Pants	9	8	17	
June 8	Standard Pattern Works	Detroit	Patterns	25	1	26	2
May 22	Standard Plating Works	Detroit	Electric plating	5		5	
Oct. 31	Standard Rug Co.	Detroit	Rugs and cleaning	5		5	
Aug. 24	Standard Screw Products Co.	Detroit	Screw machines	105	1	106	7
June 12	Standard Tool & Mfg. Co.	Detroit	Auto parts	94		94	
June 13	Stand Pat Easel Co., The	Detroit	Easels	6	2	8	
Dec. 4	Star Carpet Cleaning Co.	Detroit	Carpet cleaning	21	2	23	
June 4	Star Corundum Wheel Co.	Detroit	Emery wheels	73		73	
Nov. 8	Star Garage	Detroit	Auto repairing	3		3	
June 11	Star Garment Co.	Detroit	Garments	1	9	10	
Dec. 27	Starkweather, Mrs. Ida	Detroit	Millinery		3	3	
May 21	Star Wire Novelty Co.	Detroit	Wire novelties	6	7	13	1
Oct. 17	State Creamery Co.	Detroit	Dairy products	27	4	31	
June 8	Stawecki, T. J.	Detroit	Baked goods	3		3	
May 16	Stearns, Frederick & Co.	Detroit	Pharmaceuticals	438	454	892	12
June 7	Stearns Register Co.	Detroit	Registers	5		5	
April 19	Stecher, Paul J.	Detroit	Bicycle repairing	3		3	
April 17	Stecker Electric & Machine Co.	Detroit	Electric supplies	144	66	210	
April 10	Stecker, H. J. Paper Box Co.	Detroit	Paper boxes	14	27	41	1
Jan. 2	Steel Mill Packing Co.	Detroit	Metallic packings	4		4	
Aug. 6	Steenek & Tegge	Detroit	Structural iron	8	1	9	
July 20	Steere Engineering Co.	Detroit	Machinery	49		49	
Nov. 21	Steere, Thos.	Detroit	Furs	3	3	6	
June 15	Steinbrecher, Chas.	Detroit	Wagons	2		2	
Jan. 7	Steiner, Louis	Detroit	Baked goods	9		9	
Jan. 8	Steinheiser, C. P. Co.	Detroit	Building supplies	2		2	
Aug. 27	Stephan Cigar Co.	Detroit	Cigars	3	47	50	3
Dec. 28	Sterling Coal Co.	Detroit	Coal	25	1	26	
Oct. 25	Sterling Garage	Detroit	Auto repairing	3		3	
June 1	Sterling Motor Co.	Detroit	Auto parts	225	5	230	1
Oct. 17	Sterling & Skinner Mfg. Co., The	Detroit	Brass goods	94	2	96	7
June 6	Stevens, Frederic B.	Detroit	Castings	18		18	
Nov. 16	Stevens, Frederic B.	Detroit	Foundry supplies	36	11	47	1
Jan. 2	Stevens, S. R.	Detroit	Harness	2		2	
Oct. 17	Stewart, Martin & Co., Ltd.	Detroit	Job printing	6		6	
Sept. 21	Stewart-Warner Speedometer Corporation	Detroit	Speedometers	18	3	21	
Aug. 14	Steyskal, Walter J.	Detroit	Custom clothing	7	3	10	
Dec. 7	Stinson, Miss S.	Detroit	Millinery		3	3	
June 6	Stock, Jerome K.	Detroit	Flowers	5		5	
May 10	Stocker Mfg. Co.	Detroit	Machine products	7	1	8	
Nov. 16	Stoddard, J. W.	Detroit	Millinery	1	2	3	
Aug. 20	Stoepel Co., The	Detroit	Auto repairing	7		7	
Oct. 19	Stoll Printing House, The	Detroit	Printing	30	9	39	2
Dec. 4	Stone Millinery	Detroit	Millinery		3	3	
Aug. 9	Stone & Sons	Detroit	Cleaning and dyeing	27	9	36	
July 27	Stott, David Flour Mills, Inc.	Detroit	Flour	86	4	90	1
Aug. 9	Stott Printing Co.	Detroit	Job printing	5	1	6	1
Aug. 16	Strand, C. A. Co.	Detroit	Interior finish	8	4	12	
Dec. 5	Stratmeyer & Teetsel Co.	Detroit	Draperies and decorating	6	7	13	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE Co.—Con.							
May 22	Streeter, E. H. Printing Co.	Detroit	Job printing.	8		8	
Aug. 21	Streufert, Elias	Detroit	Shoes	9		9	
Aug. 21	Stroh Brewing Co., The	Detroit	Beer	314	4	318	
April 19	Stroh Casting Co.	Detroit	Castings	362	1	363	2
Dec. 7	Stromberg Motor Devices Co.	Detroit	Carburetors	6	2	8	
May 11	Stroup, F. J. Printing Co., The	Detroit	Job printing.	19	8	27	
Aug. 27	Stuart Foundry Co.	Detroit	Castings	21		21	
Aug. 22	Stubbs Co., The	Detroit	Lithographing	18	3	21	
Aug. 18	Studebaker Corporation, The	Detroit	Automobiles	5,550	285	5,835	47
Dec. 6	Studebaker Corporation, The	Detroit	Auto repairing	13	6	19	
Aug. 13	Sturdevant-Murray Mfg. Co.	Detroit	Windshields	6	5	11	
May 11	Suckert Loose-Leaf Cover Co., The	Detroit	Book binding	15	11	26	
Nov. 23	Suiter, W. A.	Detroit	Custom tailoring	2		2	
Sept. 26	Sullivan-Bernhagen Co., The	Detroit	Roofing	17		17	2
Oct. 16	Sullivan, D.	Detroit	Coal and coke	18		18	
Nov. 21	Sullivan, Ladies' Hatter	Detroit	Millinery		5	5	
Sept. 21	Sullivan Packing Co.	Detroit	Meats	7		7	
Aug. 19	Sullivan Packing Co.	Detroit	Meats	210	6	216	
Dec. 31	Summerfield & Hecht	Detroit	Storage	19		19	
Oct. 10	Sun Company	Detroit	Oils	33	1	34	
Nov. 30	Superior Hat Mfg. Co.	Detroit	Hats	1	1	2	
June 6	Superior Laundry	Detroit	Laundry	1		1	
Dec. 27	Superior Machine & Engineering Co.	Detroit	Machinery	86	1	87	1
June 17	Superior Printing Co., The	Detroit	Job printing	4		4	1
July 10	Superior Sand & Gravel Co.	Detroit	Building supplies	63		63	3
June 14	Superior Seal & Stamp Co.	Detroit	Stencils	14	2	16	1
June 20	Surmann, Theo.	Detroit	Tailoring	2	1	3	
June 21	Sutherland, F. L. Co., The	Detroit	Leather and felts	23	8	31	2
Dec. 28	Svensgaard, Harry Sales Corporation, The	Detroit	Auto supplies	5	2	7	
May 10	Swail, W. H. Press	Detroit	Job printing	4		4	
Nov. 16	Sweeti, S. A.	Detroit	Dressmaking		13	13	
Oct. 31	Swift & Co.	Detroit	Meats	65	2	67	1
Aug. 31	Swift & Co.	Detroit	Meats	25	1	26	
Dec. 26	Swope & Froehlich	Detroit	Meats	23	1	24	
Dec. 10	Szalay, Louis	Detroit	Dairy products	5		5	
Jan. 9	Taepke, Gust. H. Co.	Detroit	Flowers	5	1	6	
April 25	Tager Machine Works	Detroit	Machine repairing	2		2	
Nov. 28	Tait Millinery	Detroit	Millinery		3	3	
Oct. 1	Talbot Lumber & Coal Co.	Detroit	Lumber and coal	9	2	11	
Sept. 25	Tannenholtz, B. & Co.	Detroit	Liquor	10	10	20	
Nov. 30	Tashmoo Dry Cleaning Co., The	Detroit	Dry cleaning	2	4	6	
Nov. 27	Taxi-Cab Service Co., The	Detroit	Passenger service	65	7	72	
Dec. 4	Taylor Electric Garage	Detroit	Auto repairing	11		11	
April 30	Taylor Supply Co., The	Detroit	Pipe cutting	10	4	14	
May 31	Taylor, Wm. H.	Detroit	Plumbing	5		5	
Oct. 26	Tecla Electrical Laboratory	Detroit	Electrical goods	11	1	12	
Oct. 26	Tezge, Wm. & Co.	Detroit	Cigars	8	172	180	
Nov. 20	Telfer Coffee Co.	Detroit	Coffee	7	5	12	
April 12	Ternes Coal & Lumber Co.	Detroit	Coal and lumber	54	3	57	
Sept. 4	Ternes Coal & Lumber Co.	Detroit	Lumber	9		9	
Aug. 30	Ternstedt Mfg. Co.	Detroit	Window regulators	39		39	
Aug. 10	Tessmer Machine & Tool Co.	Detroit	Auto parts	34	1	35	
Jan. 4	Theatrical Advertising Co.	Detroit	Job printing	2	2	4	
Aug. 21	Theisen & Rath	Detroit	Auto accessories	9		9	
April 30	Theisen & Rath	Detroit	Auto repairing	6		6	
April 25	Theisen Trunk Co.	Detroit	Trunks	32	5	37	
May 7	Thiers & Kendrick Mfg. Co.	Detroit	Brass goods	103		103	
Nov. 7	Thompson, Alex.	Detroit	Custom clothing	1	1	2	
Sept. 21	Thompson Auto Co.	Detroit	Motor trucks	16	5	21	
Oct. 9	Thompson, F. A. & Co.	Detroit	Chemicals	78	23	101	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
WAYNE Co.—Con.							
April 27	Thomson, L. A.	Detroit	Cabinets	5	1	6	
Dec. 12	Thornton & Wogatzke	Detroit	Millinery		3	3	
Nov. 22	Thorp, Hawley & Co.	Detroit	Candy	14	29	43	
May 4	Tibble & Sielaff	Detroit	Models	20		20	
May 29	Tiemann-Armstrong Printing Co.	Detroit	Job printing	9	6	15	1
Oct. 25	Tietse, L. & Co.	Detroit	Cleaning, etc.	14	12	26	
Aug. 29	Tilden Saw Co.	Detroit	Butcher saws	12	26	38	
Oct. 23	Times Printing Co.	Detroit	Job printing	6	2	8	
July 26	Timken-Detroit Axle Co., The	Detroit	Axles	1,661	20	1,681	8
July 6	Timken-Detroit Axle Co., The	Detroit	Axles	2,943	80	3,023	6
Oct. 31	Tire & Auto Service Co., Inc.	Detroit	Auto repairing	18		18	
Aug. 9	Tivoli Brewing Co.	Detroit	Beer	114	3	117	
Dec. 28	Tobias, Aimee & Co.	Detroit	Millinery		12	12	
June 15	Toledo Plate & Window Glass Co., The	Detroit	Glass	32	4	36	
April 25	Tomlinson & Co.	Detroit	Turpentine	3	1	4	
Aug. 27	Tonn & Schreiber	Detroit	Lumber	16		16	
Dec. 3	Topping-Sanders Co.	Detroit	Printing	82	27	109	6
May 17	Touseau, E. E.	Detroit	Furnaces	4		4	
Dec. 4	Towar-Ayers Co., The	Detroit	Motor repairing	15	2	17	
June 1	Towar-Ayers Co., The	Detroit	Auto repairing	97	5	102	
Nov. 1	Towar-Wayne County Creamery	Detroit	Wagon drivers	71		71	
Nov. 1	Towar-Wayne County Creamery	Detroit	Dairy products	152	7	159	
Nov. 1	Towar-Wayne County Creamery	Detroit	Wagon repairing	4		4	
May 29	Trade Journal Assn., The	Detroit	Printed matter	3	1	4	
Nov. 13	Traub Bros. & Co.	Detroit	Jewelry	29	3	32	3
Jan. 2	Traub Mfg. Co., The	Detroit	Jewelry	43	16	59	7
Nov. 20	Trevithick, W.	Detroit	Merchant tailoring	1		1	
April 5	Triangle Machine Co.	Detroit	Auto parts	13		13	
Oct. 18	Trippensee Mfg. Co., The	Detroit	Auto bodies	169	2	171	
Aug. 17	Trojan Laundry Co.	Detroit	Laundry	57	163	220	
Aug. 10	Trombley, C.	Detroit	Lumber	13		13	
Aug. 16	Trossell, John B.	Detroit	Bicycles	1		1	
Nov. 14	Trost, William J.	Detroit	Jewelry	3	1	4	
May 8	Troy-Goldbrook Creamery	Detroit	Dairy products	60	3	63	
Nov. 26	Troy Laundry, The	Detroit	Laundry	14	32	46	
April 13	Troy Mfg. Co., The	Detroit	Auto painting, etc.	131		131	
Oct. 9	Troy Milk Co.	Detroit	Dairy products	42	2	44	
Dec. 3	Trump, E. B.	Detroit	Millinery		5	5	
April 24	Trussed Concrete Steel Co.	Detroit	Structural steel	10	1	11	
May 18	Tschirhart, A. F.	Detroit	Job printing	2		2	
June 12	Tufting Machine Supply Co.	Detroit	Machine supplies	4	1	5	
June 7	Tullar Envelope Co.	Detroit	Envelopes	10	24	34	1
June 20	Turner & Butler Coal Co.	Detroit	Coal and coke	9		9	2
Oct. 19	Turner Cartage Co.	Detroit	Cartage	62	3	65	
May 3	Turner & Moore Mfg. Co.	Detroit	Machinery	134		134	
May 29	Turner Printing Co., The	Detroit	Job printing	2	2	4	
June 11	Tuttle & Clark	Detroit	Harness and trunks	45	7	52	
Dec. 6	Twin Fire Spark Plug Co.	Detroit	Spark plugs	4	5	9	
Aug. 9	Typewriter and Supplies Co., The	Detroit	Typewriters	2		2	
Oct. 30	Ulco Oil Co.	Detroit	Oils	9	1	10	
Aug. 27	Underwood Typewriter Co.	Detroit	Typewriters	18	11	29	
Oct. 1	Union Brewing Co., The	Detroit	Beer	20		20	
May 18	Union Cap Screw Co.	Detroit	Cap screws	16	2	18	
Oct. 30	Union Coal Co.	Detroit	Coal and coke	6	1	7	1
April 6	Union Drawn Steel Co.	Detroit	Steel	11	3	14	
May 27	Union Electrical Construction Co., Inc.	Detroit	Electrical supplies	12		12	
Dec. 15	Union Paper & Twine Co., The	Detroit	Paper, etc.	43	18	61	1
Oct. 11	Union Sheet Metal Works	Detroit	Sheet metal	10	1	11	
Nov. 15	Union Truck Co.	Detroit	Cartage	29		29	1
Dec. 6	United Electric Service Co.	Detroit	Storage batteries	10	2	12	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>WAYNE Co.—Con.</b>							
April 24	United Forge & Machine Co.	Detroit.	Forging.	19		10	
Nov. 7	United Fuel & Supply Co.	Detroit.	Building supplies.	14		14	
Nov. 7	United Fuel & Supply Co.	Detroit.	Building supplies.	13		13	
Aug. 23	United Fuel & Supply Co.	Detroit.	Coal and supplies.	21		21	
Aug. 23	United Fuel & Supply Co.	Detroit.	Coal and supplies.	11		11	
Aug. 23	United Fuel & Supply Co.	Detroit.	Coal and supplies.	105		105	
Aug. 24	United Fuel & Supply Co.	Detroit.	Coal and supplies.	43		43	
Aug. 24	United Fuel & Supply Co.	Detroit.	Coal and supplies.	86		86	
April 16	United Fuel & Supply Co.	Detroit.	Plaster.	25		25	
Nov. 7	United Fuel & Supply Co.	Detroit.	Wagon repairing.	10		10	
Nov. 7	United Fuel & Supply Co.	Detroit.	Auto repairing.	13		13	
Nov. 7	United Fuel & Supply Co.	Detroit.	Coal, etc.	49		49	
Oct. 10	United Fuel & Supply Co.	Detroit.	Building supplies.	69		69	
Sept. 11	United Fuel & Supply Co.	Detroit.	Building supplies.	23		23	
Sept. 11	United Fuel & Supply Co.	Detroit.	Building supplies.	19		19	
Sept. 11	United Fuel & Supply Co.	Detroit.	Building supplies.	35		35	
Sept. 5	United Garage & Tire Repair Co.	Detroit.	Auto repairing.	8		8	
Dec. 21	United Light Stores Co.	Detroit.	Fixtures.	13	3	16	
June 20	U. S. Cap Mfg. Co., The.	Detroit.	Headwear.	46	12	58	
April 26	U. S. Frumentum Co., The.	Detroit.	Frumentum.	24	3	27	
April 27	U. S. Gypsum Co.	Detroit.	Plaster.	39		39	
Sept. 5	U. S. Paper Stock Co.	Detroit.	Junk, etc.	3	3	6	
Nov. 27	U. S. Pattern & Mfg. Co.	Detroit.	Patterns.	18		18	
Aug. 29	United States Radiator Co.	Detroit.	Boilers and radiators.	217	1	218	1
Oct. 30	Universal Bottle Washer Co.	Detroit.	Machinery.	19	1	20	
June 18	Universal Button Fastening & Button Co.	Detroit.	Buttons, etc.	121	107	228	2
Aug. 31	Universal Film Mfg. Co.	Detroit.	Films.	7	8	15	
June 22	Universal Hat & Cap Mfg. Co., The.	Detroit.	Hats and caps.	13	3	16	
Dec. 31	Universal Machine Co., The.	Detroit.	Machinery.	4		4	
April 25	Universal Products Co.	Detroit.	Universal joints.	35	1	36	
May 18	Universal Service Co.	Detroit.	Motor trucks.	34	3	37	
June 15	Universal Solder Co.	Detroit.	Solder.	4		4	
April 12	Universal Tire & Repair Co.	Detroit.	Tire repairing.	4		4	
Oct. 4	Utility Compressor Co.	Detroit.	Air compressors.	4	1	5	
Nov. 2	Utter, J. J. & Co.	Detroit.	Blacksmithing.	3		3	
April 20	Van Alstyne, J. S.	Detroit.	Photo engraving.	14		14	
Oct. 15	Van Antwerp & Co.	Detroit.	Coal and coke.	17	1	18	
Jan. 7	Van Damme, Cyril.	Detroit.	Baked goods.	8	2	10	
June 20	Van Dyke Bakery Co.	Detroit.	Baked goods.	27		27	
April 26	Van Leyen & Hensler.	Detroit.	Engraving.	44		44	1
April 26	Van Riper & McVicar.	Detroit.	Machinery.	4		4	
June 11	Vaughn Roofing Co.	Detroit.	Gravel roofing.	13		13	
June 18	Vaughn, Wm. W. Co.	Detroit.	Condiments.	11	6	17	
Oct. 30	Velick Scrap Iron & Machinery Co.	Detroit.	Junk.	19		19	
June 22	Velvet Mint Gum Co.	Detroit.	Gum.	2	2	4	
May 1	Venderbush Co., The.	Detroit.	Exhaust fans.	12		12	
Aug. 9	Venetian Marble Mosaic Art Co.	Detroit.	Marble.	44	1	45	
Dec. 3	Venn, Ernest.	Detroit.	Plumbing.	10		10	
June 20	Vernor, James Co.	Detroit.	Ginger ale.	25	6	31	
June 20	Vernor, James Co.	Detroit.	Power.	8		8	
May 12	Vhay Fisheries Co.	Detroit.	Fish.	3	1	4	
Dec. 26	Vickery, G. H.	Detroit.	Coal.	6	1	7	
Aug. 8	Victor Jar Co., The.	Detroit.	Jar clamps.	7	1	8	
April 24	Victor Knitting Mills.	Detroit.	Knit goods.	4	30	34	
June 4	Victor Rubber Stamp Co.	Detroit.	Rubber stamps.	2	1	3	
Sept. 5	Victor Screw Works.	Detroit.	Screws.	49	3	52	2
Nov. 21	Victor Vulcanizing Co.	Detroit.	Tire repairing.	3		3	
Dec. 20	Viger's Coal & Wood Co.	Detroit.	Coal, coke and wood.	25	1	26	
Aug. 13	Vincent Steel Process Co., The.	Detroit.	Steel.	114	6	120	6
Dec. 4	Vitale, Chas. A.	Detroit.	Ladies' tailoring.	2	2	4	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE Co.—Con.						
May 17	Vitrolite Sanitary Construction Co.	Detroit	Vitrolite	11	1	12	
Aug. 8	Viviano, S. Macaroni Mfg. Co.	Detroit	Macaroni	23	3	26	5
June 11	Voellmig's Bakery	Detroit	Baked goods	11	2	13	
Dec. 3	Vogue Hat Shop	Detroit	Millinery		3	3	
Oct. 25	Voigt Brewing Co., The	Detroit	Beer	43		43	
Aug. 10	Volk Stamp & Stencil Co.	Detroit	Stamps and stencils	6	1	7	2
June 6	Von Mach, M. E.	Detroit	Decorating	22		22	
Oct. 11	Wabash Railway Co.	Detroit	Freight	6	2	8	
Nov. 2	Wabash Railway Co.	Detroit	Freight	217	24	241	5
Aug. 8	Wadsworth-Campbell Box Co.	Detroit	Cigar boxes	83	89	172	38
July 24	Wadsworth Mfg. Co.	Detroit	Auto bodies	392	12	404	
Oct. 18	Wagner Baking Co., The	Detroit	Baked goods	183	7	190	
Oct. 30	Wagner Laundry	Detroit	Laundry	8	17	25	1
April 5	Wabstaff Coffee Co.	Detroit	Coffee and tea	13	3	16	
Sept. 18	Waisman Bros.	Detroit	Plumbing	6	1	7	
Aug. 3	Walker & Co.	Detroit	Advertising	138	6	144	
Nov. 1	Walker Foundry Co.	Detroit	Brass castings	4		4	
Sept. 5	Walker & Frank Brick Co.	Detroit	Brick	49		49	
May 14	Walker, Jos. A.	Detroit	Electric welding	5	1	6	
Nov. 30	Walker-Saxe Motor Co.	Detroit	Auto sales	54	2	56	
Dec. 26	Walker-Shinn Co.	Detroit	Decorating	22		22	
Jan. 3	Walker, Tom H.	Detroit	Wagons	4	4	8	
Jan. 8	Walker, Wm.	Detroit	Baked goods	6	1	7	1
Oct. 17	Wallace, Hugh Co.	Detroit	Robes and coats	18	20	38	
Oct. 30	Wallich, Chas. J.	Detroit	Interior finish, etc.	19		19	
April 27	Walsh, Richard	Detroit	Plumbing	4		4	
June 7	Walter Machine Co., The	Detroit	Machinery	66	1	67	1
Jan. 7	Walters, R.	Detroit	Cigars	2	5	7	
Dec. 4	Walton, E. & Co.	Detroit	Dressmaking	1	36	37	
Jan. 8	Wals, Jacob	Detroit	Baked goods	3		3	1
Oct. 9	Ward-Teach Mfg. Co.	Detroit	Jewelry	9	1	10	
April 19	Ware, E. H. P.	Detroit	Blacksmithing	2		2	
June 8	Warncke, Chas.	Detroit	Flowers	4	4	8	
June 8	Warncke, John H.	Detroit	Flowers	8	4	12	
Dec. 4	Warren, Alice A.	Detroit	Millinery		3	3	
July 20	Warren, Thos. N. Machine Co.	Detroit	Machinery	3		3	
Aug. 15	Warsaw Candy Co.	Detroit	Candies	2	5	7	
Dec. 7	Warwood Motor Sales Co.	Detroit	Auto sales and repairing	6	1	7	
Oct. 1	Washington Steam Laundry	Detroit	Laundry	5	14	19	
Jan. 10	Wasemus Printing House, The	Detroit	Job printing	5		5	
June 1	Waterman Motor Co., The	Detroit	Motors	76	10	86	
Dec. 4	Watkins & Radcliffe Co.	Detroit	Plumbing, etc.	5		5	
Oct. 9	Watson Co., The	Detroit	Tailoring	6	3	9	
Jan. 2	Watson, Miss E. M.	Detroit	Dressmaking	1	10	11	
Nov. 30	Wavenlock Perfume & Supply Co.	Detroit	Toilet goods	8	3	11	1
June 12	Wayne Candy Co.	Detroit	Candy	8		8	1
Jan. 2	Wayne County Moving & Storage Co.	Detroit	Storage	30		30	
Oct. 12	Wayne Cigar Co.	Detroit	Cigars	19	363	382	
Nov. 20	Wayne Colorplate Co., The	Detroit	Photo engraving	15	1	16	1
June 6	Wayne Furniture Packing Co.	Detroit	Moving and storage	9		9	
May 9	Wayne Marble Co.	Detroit	Marble	24		24	2
June 13	Wayne Pattern Works	Detroit	Patterns	9		9	2
April 6	Wayne Printing Co., The	Detroit	Job printing	16	1	17	
Nov. 19	Wayne Publishing Co.	Detroit	Art printing	7	11	18	
June 8	Wayne Soap Co.	Detroit	Soap	11	2	13	
June 7	Wayne Tool Co.	Detroit	Tools, etc.	33		33	
Jan. 7	Webber, H. C. & Son	Detroit	Baked goods	3	2	5	
Nov. 16	Webber, J.	Detroit	Sheet metal	2	1	3	
Aug. 7	Weber, J. F. & Co.	Detroit	Interior finish	73		73	
Nov. 30	Weber, Wm. & Co.	Detroit	Furniture repairing	4		4	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>WAYNE Co.—Con.</b>							
July 20	Webster & McCausey Lumber Co.	Detroit	Lumber, etc.	41	1	42	
May 7	Wedell & Boers	Detroit	Leather goods	6	1	7	
Aug. 7	Wegner's, A. Sons	Detroit	Soft drinks	54	2	56	
Dec. 21	Weiler, J.	Detroit	Candy	15	12	27	1
Nov. 28	Weinberg, J.	Detroit	Tailoring	3		3	
Aug. 15	Weir, Thomas	Detroit	Cleaning and tailoring	7	6	13	
Dec. 6	Weiss, Miss B.	Detroit	Millinery		3	3	
May 18	Weiss, Gus	Detroit	Wagon repairing	2		2	
May 17	Weiss-Kemmits	Detroit	Baked goods	8	4	12	
Aug. 3	Welded Steel Barrel Cor., The.	Detroit	Tanks and barrels	100	2	102	
Aug. 24	Weller Laundry Co.	Detroit	Laundry	17	51	68	1
April 18	Wells, Fred	Detroit	Wagon repairing	3		3	
Aug. 31	Welsh, W. E.	Detroit	Coal and coke	6		6	
April 24	Welsmore Mfg. Co., Inc.	Detroit	Tools	26	1	27	1
July 13	Weissels, D. D.	Detroit	Laundry tubs	15	1	16	
Nov. 28	West Art Association	Detroit	Picture frames	6	2	8	
June 8	West Detroit Times	Detroit	Printed matter	3	1	4	
Sept. 7	West End Bottling Works	Detroit	Soft drinks	16		16	
Jan. 15	West End Hand Laundry	Detroit	Laundry	2	3	5	
Oct. 18	Western Cut-rate Carpet Cleaning Works	Detroit	Cleaning carpets	18	3	21	
Oct. 25	Western Electric Co.	Detroit	Electric supplies	68	4	72	5
Aug. 14	Western Gear Mfg. Co.	Detroit	Auto parts and gears	8		8	
Aug. 15	Western Market Garage	Detroit	Auto repairing	6		6	
Nov. 1	Western Newspaper Union	Detroit	Printing	26	2	28	
May 11	Western Paper Box Co., The.	Detroit	Paper boxes	11	28	39	2
Jan. 8	Western Rosin & Turpentine Co., The.	Detroit	Turpentine, etc.	7	2	9	
Aug. 6	Western Union Telegraph Co., The.	Detroit	Repairing	14		14	
Aug. 6	Western Union Telegraph Co., The.	Detroit	Telegraph service	211	190	401	5
Aug. 6	Western Union Telegraph Co., The.	Detroit	Construction	4	1	5	
Aug. 6	Western Union Telegraph Co., The.	Detroit	Telegraph service	185	65	250	165
April 20	Westgate-Pringle Co.	Detroit	Furniture	11	9	20	
Sept. 7	West Michigan Electrical Co.	Detroit	Electrical supplies, etc.	9		9	1
Aug. 21	West Printing Co.	Detroit	Job printing	11	2	13	3
Oct. 18	West Side Brewery Co., Ltd.	Detroit	Beer	106	1	107	
June 12	West Side Electric Co., The.	Detroit	Electrical supplies	16	2	18	4
May 16	West Side Feed Co.	Detroit	Hay and grain	4		4	
May 28	West Side Garage	Detroit	Auto repairing	3		3	
April 30	West Side Laundry Co.	Detroit	Laundry	12	43	55	
Aug. 21	West Side Tent & Awning Co.	Detroit	Awnings and tents	7	6	13	
June 1	West Side Upholstering Co.	Detroit	Upholstering	3		3	
Aug. 17	Wettlaufer Bros.	Detroit	Machinery	2		2	
May 21	Wetsel Engraving Co., The.	Detroit	Engraving	2		2	
Jan. 8	Wetsel, Jos.	Detroit	Coal	6		6	
June 7	Weyerhammer & Mueller	Detroit	Furniture repairing	6		6	
Nov. 23	Weyhing Bros. Mfg. Co.	Detroit	Jewelry	12	5	17	
Jan. 10	Wheel Truing Brake Shoe Co.	Detroit	Brake shoes	5	1	6	
Nov. 9	Wheeler-Schebler Carburetor Co.	Detroit	Carburetors	3	1	4	
Nov. 8	White & Fisher	Detroit	Plumbing	11		11	
July 19	Whitehead & Kales Iron Works, The.	Detroit	Structural steel	350		350	3
Nov. 1	White House Bakery, The.	Detroit	Baked goods	5	1	6	
May 11	White House Preserving Co.	Detroit	Salad dressing	2	2	4	
Jan. 8	White Service	Detroit	Auto repairing	4	1	5	
Oct. 4	White Star Refining Co.	Detroit	Oils and greases	18	9	27	
June 6	White Sun Laundry	Detroit	Laundry	2	2	4	
Sept. 27	White, W. J. & Co.	Detroit	Color cards	20	21	41	
April 9	Whitney Painting Co.	Detroit	Painting	51		51	
Aug. 21	Whittaker, John & Co.	Detroit	Interior finish	51	2	53	
July 11	Widman, J. C. & Co.	Detroit	Furniture	197	19	216	
April 10	Wieber & Haselhuhn	Detroit	Printing	3	1	4	
Dec. 12	Wierzbickie, Agnes & Co.	Detroit	Millinery		5	5	

## DEPARTMENT OF LABOR.

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>WAYNE Co.—Con.</b>							
Dec. 31	Wiesemann, Wm.	Detroit	Baked goods	3	1	4	
Oct. 15	Willard Storage Battery Co.	Detroit	Storage batteries	23	12	35	1
Nov. 2	Willard Storage Battery Co.	Detroit	Batteries	11	2	11	
Nov. 23	Willens, S. & Co.	Detroit	Typesetting	4	2	6	1
Dec. 3	Williams, F. L. Shirt Factory.	Detroit	Shirts		2	2	
Jan. 4	Williams, Harry	Detroit	Auto wheels	4		4	
May 29	Williams & Houghton	Detroit	Job printing	15	4	19	1
July 18	Willing, H. L. Co., The	Detroit	Overalls	8	80	88	
Oct. 24	Wilson, C. R. Body Co.	Detroit	Auto bodies	1,476	10	1,486	2
Aug. 30	Wilson, C. R. Body Co.	Detroit	Auto bodies	256		256	
Nov. 14	Wilson, Henry E.	Detroit	Show cards, etc.	4		4	1
July 11	Wilson, J. C. Co.	Detroit	Auto trucks	94	9	103	
Aug. 6	Wilson, J. H. & Sons Creamery Co.	Detroit	Dairy products	43	2	45	
Oct. 29	Wilson Millinery	Detroit	Millinery		4	4	
Nov. 20	Wilson Oyster Co.	Detroit	Wholesale oysters	8		8	
May 21	Wilson Printing Co., The	Detroit	Printing	10	3	13	
Oct. 30	Wilt Machine Co.	Detroit	General repairing	3		3	
April 26	Winckler, Fred C.	Detroit	Fireless cookers	43	5	48	
Aug. 31	Winder Garage Co.	Detroit	Auto repairing	4	1	5	
May 18	Winder Printing Co.	Detroit	Job printing	6	6	12	
Nov. 22	Windisch, Wm. C. Co., The	Detroit	Book binding	11	21	32	1
June 21	Wing, J. T. & Co.	Detroit	Metal	68		68	
July 17	Winkley Co., The	Detroit	Oiling devices	505	141	646	12
Dec. 12	Winkworth Fuel & Supply Co.	Detroit	Coal & building supplies	16	3	19	
June 11	Winkworth Fuel & Supply Co.	Detroit	Fuel & building supplies	21	1	22	
Nov. 28	Winney & Bidwell Auto Trimming Co.	Detroit	Auto trimming	7	4	11	
Nov. 13	Winstanley, N. E.	Detroit	Jewelry	4		4	1
Dec. 26	Winterich & Curtis	Detroit	Decorating, etc.	32		32	
Aug. 16	Winton Co., The	Detroit	Auto repairing	43		43	
Dec. 5	Wire Wheel Corporation of America.	Detroit	Wire wheels	1	1	2	
Oct. 8	Wise Electro Sherardizing Co., The	Detroit	Electro sherardizing	8		8	
Nov. 15	Witchell-Sheill Co.	Detroit	Shoes	50	44	94	5
Nov. 22	Withely, Lyta J.	Detroit	Dressmaking	1	15	16	
Dec. 12	Witt, Mrs. A.	Detroit	Millinery		2	2	
Aug. 15	Wittelsberger, F. B.	Detroit	Baked goods	13	1	14	
Dec. 5	Wohl Ladies' Tailor	Detroit	Tailoring	2	3	5	
May 22	Wohnlich, Louis J.	Detroit	Instruments	2		2	
Dec. 7	Wolcott, Miss A.	Detroit	Millinery		4	4	
April 30	Wollenberg Coal Co.	Detroit	Coal and coke	4	1	5	
Jan. 9	Wolverine Burial Case Co.	Detroit	Burial cases	5	1	6	
July 14	Wolverine Cartage Co.	Detroit	Trucking	3		3	
July 26	Wolverine Electric Co.	Detroit	Electrical supplies	4		4	
May 15	Wolverine Engraving Co.	Detroit	Engraving	20		20	1
Jan. 7	Wolverine Fish Co., The	Detroit	Fish	5		5	
Jan. 7	Wolverine Foundry Co.	Detroit	Castings	13		13	
June 22	Wolverine Leather Goods Co.	Detroit	Leather goods	14	2	16	
May 24	Wolverine Mfg. Co.	Detroit	Furniture	240	10	250	
Aug. 27	Wolverine Optical Co.	Detroit	Optical goods	20	16	36	3
July 6	Wolverine Pattern Works	Detroit	Patterns	13		13	
Nov. 30	Wolverine Printing Co.	Detroit	Job printing	3	5	8	1
June 11	Wolverine Saw Co., The	Detroit	Saws	6		6	
Oct. 18	Wolverine Stamping Co.	Detroit	Metal stampings	10		10	
May 11	Wolverine Tube Co.	Detroit	Tubing	14		14	
Oct. 4	Wolverine Wiping Cloth Co.	Detroit	Wiping cloths	8	12	20	
Nov. 9	Woman's Hospital & Infants' Home.	Detroit	Laundry	3	34	37	
Nov. 16	Wood, A. E. & Co.	Detroit	Millinery	2	10	12	1
Nov. 20	Wood, Albert F.	Detroit	Perfumes	7	9	16	
Aug. 21	Wood Hydraulic Hoist & Body Co.	Detroit	Hydraulic hoists	115	7	122	
April 24	Woodbridge Garage	Detroit	Auto repairing	4		4	
Oct. 18	Woodson, E. J. Co., The	Detroit	Foundry supplies	54	10	64	



Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males em-	Number females	Whole number em-	Number who were
				ployed.	employed.	ployed.	under 16 years of age.
WAYNE CO.—Con.							
Nov. 5	Woodward Candy Co.	Detroit	Candy	1	1	2	
July 27	Woodward's Garage	Detroit	Auto repairing	2		2	
Nov. 1	Woodward Press	Detroit	Job printing	4		4	
Nov. 28	Woodward Tire & Repair Co.	Detroit	Auto repairing, etc.	11	1	12	
June 13	Work-Organizer Specialties Co.	Detroit	Printing	1	4	5	
June 4	World Film Corporation	Detroit	Films	4	4	8	
June 4	Wotske, Frank & Son	Detroit	Coal and feed	8		8	
Nov. 23	Wright, Kay & Co.	Detroit	Jewelry	32	6	38	
May 8	Wright Mfg. Co., The	Detroit	Low water alarms	4	2	6	
Dec. 21	Wright, William Co.	Detroit	Decorating	53	18	71	
April 12	Wroblewski, Anthony P.	Detroit	Plumbing and heating	13		13	
Dec. 4	Wurm, Otto A. & Co.	Detroit	Plumbing and heating	28	2	30	
Nov. 19	Wynne, P. F.	Detroit	Trucking	17		17	
July 13	Yankee Auto Specialty Co., Inc.	Detroit	Auto specialties	2		2	
Sept. 13	Yates, Jos. S.	Detroit	Custom clothing	16	1	17	
Aug. 9-	Yellow Taxicab Co.	Detroit	Taxicab service	80	4	84	
May 24	Yeomans Box Co.	Detroit	Boxes and crates	118	2	120	3
June 8	Yipe, M. J.	Detroit	Coal, etc.	4		4	
Dec. 28	Yost, Geo. P. Fur Co.	Detroit	Furs	11	23	34	
Oct. 22	Youngblood Cleaning Co.	Detroit	Cleaning and dyeing	6	6	12	
Aug. 7	Youngblood, P. J.	Detroit	Plumbing	6		6	1
May 8	Young Bros. Co.	Detroit	Sheet metal	102	2	104	
Nov. 28	Young Millinery	Detroit	Millinery		6	6	
Dec. 4	Your Millinery	Detroit	Millinery	1	2	3	
Sept. 4	Zagelmeyer Cast Stone Co.	Detroit	Cast stone	51		51	
Aug. 16	Zander Bros.	Detroit	Custom clothing	14	8	22	
Nov. 30	Zanger, G. W.	Detroit	Furs	6	6	12	
Nov. 22	Zeisler, Conrad	Detroit	Baked goods	3		3	
Nov. 23	Zeitz, John	Detroit	Custom tailoring	3		3	
July 11	Zenith Carburetor Co., The	Detroit	Carburetors	223	15	238	3
June 12	Zenner Disinfectant Co., The	Detroit	Disinfectants	10	12	22	
Nov. 19	Zimmerman Pattern Works	Detroit	Wood & metal patterns	7		7	1
Aug. 15	Zindler, Edward & Co.	Detroit	Job printing	3		3	
May 4	Zinnbauer Bros.	Detroit	Auto repairing	4	1	5	
April 29	Ziolko, Jos.	Detroit	Baked goods	3		3	
Jan. 3	Zion Baking Co.	Detroit	Baked goods	3	1	4	
Sept. 18	Ziske, Leo A.	Detroit	Upholstering	5		5	
Nov. 20	Zoellner Printing Co.	Detroit	Printing	3		3	
Sept. 13	Zoltowski, Thomas	Detroit	Beer	10	1	11	
Oct. 8	Beaubien Ice & Coal Co.	Ecorse	Ice and coal	8		8	
Oct. 15	Ecorse Foundry & Machine Co.	Ecorse	Castings	88	1	89	
Sept. 17	Millenbach Brothers Co.	Ecorse	Rendering	26		26	
Oct. 18	Montie, Albert L.	Ecorse	Coal, wood and ice	4		4	
Oct. 5	Raupp, G. A.	Ecorse	Lumber and coal	5		5	
Oct. 5	Robinson Machine Co.	Ecorse	Machinery repairing	29	1	30	2
Oct. 8	Transport Oil Corporation	Ecorse	Oils	7		7	
Oct. 5	Wolverine Salt Co.	Ecorse	Salt	16		16	
Oct. 8	Worcester Salt Co.	Ecorse	Salt	91	5	96	
Oct. 9	Wayne County Infirmary	Eloise	Laundry	3	4	7	
Sept. 24	Brandes, George H.	Flat Rock	Auto repairing	6		6	
Sept. 24	Bryant Brothers	Flat Rock	Flour and lumber	7	1	8	
Sept. 24	Metler, Curtis L.	Flat Rock	Flour and lumber	9		9	
Sept. 24	Detroit Pneumatic Chuck Co.	Flat Rock	Special fixtures	25	1	26	
Sept. 24	Libby, McNeill & Libby	Flat Rock	Canned goods	10	1	11	
Oct. 5	American Chemical Co., The	Ford	Sal soda	1	1	2	
Oct. 4	Ford, J. B. Co., The	Ford	Alkali	125	69	194	1
Oct. 4	Michigan Alkali Co.	Ford	Soda ash	1,123	9	1,132	12
Oct. 4	Michigan Alkali Co.	Ford	Bi-carbonate of soda	48		48	
Oct. 4	Michigan Alkali Co.	Ford	Coke	106		106	
Oct. 4	Michigan Alkali Co.	Ford	Castings	207		207	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>WAYNE Co.—Con.</b>							
Sept. 20	Detroit Reduction Co.	French Landing.	Fertilizer	95		95	2
Oct. 15	Otis Cement Construction Co.	Greenfield	Builders' supplies	10	1	11	
Oct. 8	Acme White Lead & Color Works.	Hamtramck	Paint and varnish	379	130	509	8
Sept. 20	American Radiator Co.	Hamtramck	Radiators	554	4	558	2
Sept. 18	Auto City Brewing Co.	Hamtramck	Beer	37		37	
Sept. 12	Baker, R. D. Co., The.	Hamtramck	Paving contracting	10		10	
Sept. 12	Briggs Mfg. Co.	Hamtramck	Body trimming	518	167	685	
Sept. 11	Detroit Tire Carrier Co.	Hamtramck	Tire carriers, etc.	132	7	139	
Sept. 14	Dodge Brothers.	Hamtramck	Motor cars	13935	454	14389	150
Nov. 8	Hamtramck Laundry	Hamtramck	Laundry	6	20	26	
Oct. 8	Hamtramck Lumber & Supply Co.	Hamtramck	Lumber	30	1	31	
Sept. 27	Hygea Filter Co.	Hamtramck	Water filters	17	2	19	1
Sept. 27	Jeffery-De Witt Co.	Hamtramck	Porcelain ware	230	372	602	9
Nov. 8	Jozefiak, I. E.	Hamtramck	Coal and coke	14	1	15	
Oct. 29	Michigan Builders' Supply Co.	Hamtramck	Coal and coke	14		14	
Sept. 27	Michigan Cut Stone Co.	Hamtramck	Cut stone	8		8	
Sept. 21	Michigan Smelting & Refining Co.	Hamtramck	Metal refining	239	8	247	
Sept. 12	Michigan Steel Tube Products Co.	Hamtramck	Steel tubing	147	3	150	
Oct. 19	Nelson-Blanc Mfg. Co.	Hamtramck	Auto parts	55	3	58	
Sept. 28	Russell Motor Axle Co.	Hamtramck	Gears	124		124	1
Sept. 19	Russell Wheel & Foundry Co.	Hamtramck	Castings	507	4	511	14
Oct. 30	Smith, John E. Cut Stone Co.	Hamtramck	Cut stone	9		9	
Oct. 2	Thomas Steel Reinforcement Co.	Hamtramck	Steel reinforcements	22	1	23	
Oct. 29	The Trus-Con Laboratories	Hamtramck	Floor hardener	84	26	110	
Sept. 18	United States Novelty Co.	Hamtramck	Brass goods	47	1	48	
Nov. 11	Armstrong Sisters.	Highland Park	Millinery		4	4	
Sept. 4	Besancon, William E.	Highland Park	Coal and coke	16		16	
Nov. 2	Celeste Hat Shop	Highland Park	Millinery		2	2	
Sept. 4	Detroit Concrete Products Co.	Highland Park	Cement products	6		6	
Sept. 4	Detroit Lumber Co.	Highland Park	Lumber	27		27	
Sept. 6	Detroit United Railway	Highland Park	Car repairing	596	3	599	
Sept. 6	Detroit United Railway	Highland Park	Car repairing	39		39	
Sept. 6	Detroit United Railway	Highland Park	Electricity	5		5	
Nov. 2	Fink, M.	Highland Park	Millinery		3	3	
Oct. 30	Grace Harbor Lumber Co.	Highland Park	Lumber	6		6	
Sept. 6	Gray's Garage	Highland Park	Auto repairing	6		6	
Sept. 5	Harding, H. W. Lumber Co.	Highland Park	Lumber	30	2	32	
Sept. 6	Highland Park Creamery	Highland Park	Dairy products	48	8	56	
Sept. 5	Highland Park Times	Highland Park	Printed matter	9	3	12	
Nov. 1	Holsnagle, Frank	Highland Park	Flowers	8	1	9	
Sept. 5	McDonald Coal & Brick Co.	Highland Park	Building supplies	23		23	
Oct. 31	Mark, H. & Son	Highland Park	Coal and coke	6	1	7	
Oct. 31	Maxwell Motor Co.	Highland Park	Motor cars	2,277	86	2,363	30
Sept. 5	Pittmans & Dean Co.	Highland Park	Coal and ice	38		38	
Sept. 5	Sibley, F. M. Lumber Co.	Highland Park	Lumber	17	1	18	
Sept. 4	Superior Sand & Gravel Co.	Highland Park	Sand and gravel	16		16	
Sept. 6	Tower Wayne County Creamery	Highland Park	Dairy products	39	1	40	
Sept. 5	United Fuel & Supply Co.	Highland Park	Building supplies	41		41	
Sept. 5	Woodward Garage	Highland Park	Auto repairing	7		7	
Sept. 20	Huron Valley Creamery	New Boston	Dairy products	3		3	
Sept. 20	Meisner & Dugan	New Boston	Coal and lumber	3		3	
Sept. 20	New Boston Garage	New Boston	Auto repairing	3		3	
Sept. 20	New Boston Roller Mills	New Boston	Flour	3		3	
Sept. 20	Star Garage	New Boston	Auto repairing	4		4	
Oct. 12	American Bell & Foundry Co.	Northville	Castings	33	1	34	
Oct. 12	Dubuar, C. L. Lumber Co.	Northville	Lumber	2		2	
Oct. 12	Globe Furniture Co.	Northville	Church furniture	30	1	31	
Oct. 12	Lauer & Falke	Northville	Blacksmithing	3		3	
Oct. 12	Michigan State Telephone Co.	Northville	Telephone service	3	4	7	
Oct. 12	Neal Printing Co.	Northville	Printed matter	3	1	4	

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>WAYNE Co.—Con.</b>							
Oct. 12	Northville Condensing & Cheese Co.	Northville	Dairy products.	5		5	
Oct. 12	Northville Milling Co.	Northville	Flour.	6		6	
Oct. 12	Parmenter, B. A. & Son	Northville	Apple products.	4		4	
Oct. 12	Peerless Steam Laundry	Northville	Laundry	2	2	4	
Jan. 14	Skarritt, Fred	Northville	Auto repairing.	3		3	
Oct. 12	Stimpeon Scale & Electric Co., The	Northville	Scales	56	1	57	
Oct. 12	Superior Churn & Mfg. Co.	Northville	Agricultural tools	7		7	
Oct. 12	Union Mfg. & Lumber Co.	Northville	Tackle blocks, etc.	27	1	28	
Sept. 17	Detroit Rock Salt Co.	Oakwood	Rock salt.	141	1	142	
Jan. 10	Mc Quade, W. E. Coal Co.	Oakwood	Coal, etc.	5	1	6	
Sept. 17	Mc Quade, W. E. Coal Co.	Oakwood	Coal, etc.	6	1	7	
Sept. 17	Mulkey Salt Co.	Oakwood	Salt.	113	16	129	3
Oct. 10	Beyers Motor Sales Co.	Plymouth	Auto repairing.	3		3	
Oct. 10	Daisy Mfg. Co., The	Plymouth	Air rifle.	149	28	177	
Oct. 10	Detroit Seat & Tank Co.	Plymouth	Closet seats and tanks	8		8	
Oct. 10	Fisher, H. J.	Plymouth	Blacksmithing.	3		3	
Oct. 10	Hamilton, C. J.	Plymouth	Rifles.	20	1	21	
Jan. 14	Heide, C.	Plymouth	Flowers.	5		5	
Oct. 10	Mc Laren, J. D. Co.	Plymouth	Grain	7	1	8	
Oct. 10	Markham Air Rifle Co., The	Plymouth	Air rifles	101	11	112	3
Oct. 10	Millard F. Co., The	Plymouth	Band instruments	36		36	
Oct. 10	Plymouth Lumber & Coal Co.	Plymouth	Lumber and coal	9		9	
Oct. 10	Plymouth Milling Co.	Plymouth	Flour and feed.	5		5	
Oct. 10	Plymouth Motor Castings Co.	Plymouth	Castings	30	1	31	
Oct. 11	Burgess, Roy H.	Redford	Auto repairing.	10	1	11	
Oct. 11	Grand River Lumber & Coal Co.	Redford	Lumber, etc.	11	1	12	
Oct. 11	Redford Lumber Co.	Redford	Building material	6		6	
Oct. 11	Service Garage, The	Redford	Auto repairing	5		5	
Oct. 11	Stahelin, A. J.	Redford	Flowers	19		19	
Oct. 11	Taylor Mfg. Co.	Redford	Auto accessories	9	2	11	
Oct. 11	Ward, F. H.	Redford	Blacksmithing	4		4	
Oct. 11	Wusthoff & Baker	Redford	Blacksmithing.	5		5	
Sept. 19	Barron, D. D.	River Rouge	Coal, coke, etc.	18	1	19	
Sept. 19	Bowen, C. D.	River Rouge	Printed matter	3		3	
Sept. 10	Brownlee Co., The	River Rouge	Lumber	63	2	65	
Sept. 18	Cabanaw & Son	River Rouge	Blacksmithing	5		5	
Sept. 13	Calvert's, J. Sons	River Rouge	Building supplies	23		23	
Sept. 18	Detroit Iron & Steel Co.	River Rouge	Pig iron	362		362	1
Sept. 10	Dunbar Stone Co.	River Rouge	Crushed stone	47		47	
Sept. 17	Dwight Lumber Co.	River Rouge	Lumber	139	3	142	3
Nov. 19	Fashion Hat Shop	River Rouge	Millinery		3	3	
Sept. 14	Great Lakes Engineering Works	River Rouge	Steel ships	1,773	8	1,781	77
Sept. 13	Higgins Brothers	River Rouge	Interior finish	11		11	
Sept. 19	Hobart, S. G.	River Rouge	Sheet metal	3		3	
Sept. 18	Home Builders Cement Products Co.	River Rouge	Cement products	8		8	
Sept. 13	Meyer, R. M.	River Rouge	Building supplies	8		8	
Sept. 10	Perfection Mfg. Co.	River Rouge	Tooth picks	19	30	49	
Sept. 10	River Rouge Lighting Station	River Rouge	Light and power	5		5	
Sept. 13	Salliotte Coal & Lumber Co.	River Rouge	Coal and lumber	7		7	
Sept. 10	Standard Oil Co.	River Rouge	Oils	9		9	
Sept. 11	United Fuel & Supply Co.	River Rouge	Coal, etc.	6		6	
Sept. 10	United Fuel & Supply Co.	River Rouge	Sand and gravel	19		19	
Sept. 10	West End Lumber Co.	River Rouge	Lumber	9	1	10	
Jan. 3	West Jefferson Garage	River Rouge	Auto repairing	5		5	
Sept. 13	Whitehead & Kales Iron Works, The	River Rouge	Steel	129		129	
Nov. 19	Wolf Millinery	River Rouge	Millinery		3	3	
Sept. 21	Baumeister, F. & Son	Rockwood	Baskets	5	2	7	
Sept. 21	Metzger, Charles	Rockwood	Baskets	4		4	
Sept. 21	Rockwood Silica Co.	Rockwood	Glass sand	83		83	
Sept. 20	Austin, Charles	Romulus	Farming implements	2		2	

## Factory Inspection.—Continued.

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WAYNE Co.—Con.							
Sept. 20	Kingsley & Taylor	Romulus	Farmers' supplies	4		4	
Sept. 20	Rutter & Road	Romulus	Auto repairing	4		4	
Sept. 20	Seestedt, Henry W.	Romulus	Castings	27	2	29	
Sept. 24	Church Boat Co.	Sibley	Boats	12		12	
Sept. 24	Church Machine Co.	Sibley	Machinery repairing	6		6	1
Sept. 25	Detroit Organic Chemicals Co.	Sibley	Dye	7		7	
Sept. 25	Federal Carbonic Co.	Sibley	Sand, lime, brick, etc.	33		33	
Sept. 25	Quarry Lumber Co.	Sibley	Lumber	4		4	
Sept. 21	Strong, John Co.	South Rockwood	Flour and lumber	10		12	
Aug. 9	Allan Brothers	St. Clair Hts.	Lumber and coal	21	2	23	1
Aug. 9	Beaker, L. N. Co.	St. Clair Hts.	Lumber	39		39	3
Sept. 19	McDonald, J. C.	Springwells	Brick and tile	39		39	
Sept. 24	Challenge Envelope Co.	Trenton	Envelopes	1	3	4	
Sept. 21	Detroit Brass Forging Co.	Trenton	Brass forgings	26	4	30	3
Sept. 21	Mans, N. A.	Trenton	Lumber	6		6	
Sept. 21	Moore Truck & Mfg. Co., The	Trenton	Trucks	8		8	
Sept. 21	Trenton Grain & Elevator Co.	Trenton	Flour and feed	3	1	4	
Oct. 9	Burns Print Shop	Wayne	Job printing	3	1	4	
Oct. 9	Ford Sales & Service Station	Wayne	Auto repairing	5		5	
Oct. 9	Green, Bert.	Wayne	Blacksmithing	2		2	
Oct. 9	Harboun Motors Corporation	Wayne	Motor cars	180	6	186	2
Oct. 9	Hilliard & Reiser	Wayne	Lumber	6		6	
Oct. 9	Michigan Central Railroad Co.	Wayne	Freight	4	1	5	
Oct. 9	Reiser & Wilson	Wayne	Coal and cement blocks	4	1	5	
Oct. 9	Smith, Lee	Wayne	Blacksmithing	2		2	
Nov. 21	Walker Brothers Catering Co.	Wayne	Baked goods and laundry	22	14	36	
Oct. 9	Wayne Bakery, The	Wayne	Baked goods	7	1	8	
Oct. 9	Wayne Garage, The	Wayne	Auto repairing	2		2	
Oct. 9	Wayne Milling & Produce Co.	Wayne	Grain and feed	6		6	
Oct. 9	Wayne Steering Wheel & Bow Co.	Wayne	Wheels and bows	22	1	23	
Oct. 9	Wayne Steam Laundry	Wayne	Laundry	2	2	4	
Sept. 9	Amiot, H. S.	Wyandotte	Tailoring	7	1	8	
Sept. 27	Beals & Seltirk Trunk Co., The	Wyandotte	Trunks, bags, etc.	116	39	155	15
Oct. 3	Big Chief Garage	Wyandotte	Auto repairing	5		5	
Sept. 28	Bryan Boat Works, The	Wyandotte	Boats	6		6	
Sept. 27	Cassidy, James	Wyandotte	Coal & builders' supplies	3		3	
Sept. 28	City of Wyandotte Electric Light & Water Plant	Wyandotte	Light and water	17		17	
Sept. 26	Detroit Shipbuilding Co.	Wyandotte	Boats	754		754	41
Oct. 4	Detroit United Railway	Wyandotte	Freight	3		3	
Sept. 27	Detroit Valve & Fitting Co.	Wyandotte	Valves and fittings	331	46	377	5
Sept. 28	Detroit-Wyandotte Motor Truck Co.	Wyandotte	Trucks	33	2	35	
Oct. 3	Down-River Surbanite, The	Wyandotte	Printed matter	4		4	
Sept. 28	Eberts Brothers Co.	Wyandotte	Coal, coke, etc.	22	1	23	
Sept. 28	Ferguson Lumber Co.	Wyandotte	Lumber	3		3	
Sept. 27	Ferguson Lumber Co.	Wyandotte	Lumber	11		11	
Sept. 17	Goldschmidt Detinning Co.	Wyandotte	Storing gas	17		17	
Sept. 27	Koch, Fred C.	Wyandotte	Dairy products	7		7	
Sept. 27	Kreger, John J.	Wyandotte	Farm machinery	3		3	
Sept. 27	Liddle & Cook	Wyandotte	Coal, wood and lumber	5		5	
Sept. 28	McCord Mfg. Co., Inc.	Wyandotte	Metal products	55	65	120	2
Sept. 28	Martin, W. S.	Wyandotte	Cement contracting	15		15	
Oct. 3	Marx Brewing Co.	Wyandotte	Beer and ice	38	1	39	
Sept. 26	Michigan Alkali Co.	Wyandotte	Caustic soda	468		468	
Sept. 26	Michigan Alkali Co.	Wyandotte	Soda ash	528	3	531	3
Sept. 28	Birnbaum, Morris	Wyandotte	Iron and metal	4	1	5	
Sept. 25	Pennsylvania Salt Mfg. Co.	Wyandotte	Chemicals	511	13	524	24
Sept. 28	Regent Stove Co., The	Wyandotte	Stoves	40	1	41	1
Oct. 3	Rosen, M.	Wyandotte	Tailoring	2		2	
Oct. 3	Simmlir, C.	Wyandotte	Tailoring	3		3	
Sept. 27	Star Bottling Works	Wyandotte	Soft drinks	6		6	2

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
<b>WAYNE Co.—Con.</b>							
Oct. 3	Suburban Sheet Metal Works	Wyandotte	Plumbing & sheet metal	10		10	
Oct. 3	Walkegthin, Ludwig	Wyandotte	Tailoring	2		2	
Oct. 4	Ward, J. A.	Wyandotte	Auto repairing	4		4	
Oct. 3	Wyandotte City Flour Mill	Wyandotte	Flour	7		7	
Oct. 3	Wyandotte Cycle Co.	Wyandotte	Bicycles	3		3	
Oct. 3	Wyandotte Herald	Wyandotte	Printed matter	3	1	4	
Sept. 28	Wyandotte Lumber Co.	Wyandotte	Lumber	5	1	6	
Sept. 6	Wyandotte Portland Cement Co.	Wyandotte	Cement	126		126	
Sept. 27	Wyandotte Waste Paper Co., The	Wyandotte	Scrap iron and metals	5		5	
June 14	Detroit Iron & Steel Co.	Zug Island	Pig iron	343		343	
June 14	France Slag Co., The	Zug Island	Slag	23		23	
<b>WEXFORD COUNTY.</b>							
Jan. 18	Acme Motor Truck Co.	Cadillac	Motor trucks	66	9	75	
Jan. 14	Adams Express Co.	Cadillac	Express service	6	1	7	
Jan. 17	Ann Arbor Railroad Co., The	Cadillac	Car repairing	10		10	
Jan. 14	Atlas, H. S.	Cadillac	Hides, fur and wool	4	1	5	
Jan. 15	Boersman, M. & Sons	Cadillac	Meats	2		2	
Feb. 12	Bowen, E. I.	Cadillac	Tailoring	2		2	
Feb. 12	Brehm, G. A. & Bro.	Cadillac	Produce	3		3	
Feb. 14	Buckley, W. H.	Cadillac	Produce	3		3	
Feb. 12	Burton & Rupers.	Cadillac	Meats	3		3	
Feb. 14	Cadillac Boiler Works, The	Cadillac	Boiler repairing	7		7	
Feb. 11	Cadillac Bottling Works	Cadillac	Bottling soft drinks	3		3	1
Jan. 16	Cadillac Cabinet & Construction Co.	Cadillac	Cabinets	37		37	1
Jan. 18	Cadillac Chemical Co.	Cadillac	Chemicals	44		44	
Jan. 19	Cadillac Gas Light Co.	Cadillac	Gas	6	2	8	
Feb. 16	Cadillac Evening News, The	Cadillac	Printing	14	2	16	1
Jan. 17	Cadillac Handle Co., The	Cadillac	Lumber, etc	64	1	65	
Jan. 18	Cadillac Ice Cream Co.	Cadillac	Ice cream	5		5	
Jan. 17	Cadillac Lumber Co.	Cadillac	Building material	31	1	32	
Jan. 18	Cadillac Machine Co.	Cadillac	Machinery	145		145	3
Jan. 15	Cadillac Mfg. Co.	Cadillac	Cooperage	40		40	2
Jan. 14	Cadillac Milling Co., The	Cadillac	Grain and feed	4		4	
Jan. 16	Cadillac Overland Co.	Cadillac	Auto repairing	4		4	
Jan. 18	Cadillac Plumbing & Heating Co.	Cadillac	Plumbing, etc	12	1	13	
Jan. 19	Cadillac Printing Co.	Cadillac	Printing	3	3	6	2
Feb. 12	Cadillac Produce Co.	Cadillac	Produce	17	2	19	
Jan. 18	Cadillac Steam Laundry	Cadillac	Laundry	6	12	18	
Jan. 19	Cadillac Veneer Co., The	Cadillac	Veneer	58	8	66	3
Feb. 16	Chittles, Tom	Cadillac	Tailoring	2	1	3	
Jan. 18	Citizens Telephone Co.	Cadillac	Telephone service	6	19	25	
Jan. 19	Cobbs & Mitchell	Cadillac	Lumber	176	3	179	
Jan. 19	Cummer-Diggins Co.	Cadillac	Chemicals and lumber	132		132	
Jan. 19	Cummer-Diggins Co.	Cadillac	Lumber	63		63	10
Jan. 17	Cummer Manufacturing Co.	Cadillac	Crates and boxes	60	16	76	3
Jan. 18	Consumers Power Co.	Cadillac	Power	10	2	12	
Jan. 18	Dersch, Albert G.	Cadillac	Cigars	3		3	
Feb. 16	Eagle, Mrs. E. C.	Cadillac	Millinery		6	6	
Jan. 16	Goshen Shirt Mfg. Co.	Cadillac	Shirts	8	70	78	2
Feb. 11	Graham, George F.	Cadillac	Blacksmithing	3		3	
Feb. 11	Grand Rapids & Indiana Ry. Co.	Cadillac	Car repairing	46		46	
Feb. 12	Grand Rapids & Indiana Ry. Co.	Cadillac	Freight	14		14	
Feb. 11	Grand Rapids & Indiana Ry. Co.	Cadillac	Switching	32		32	3
Jan. 16	Hamilton, Etson & Co.	Cadillac	Crude potash	7		7	
Feb. 12	Harris, Mrs. Adelaide	Cadillac	Millinery		3	3	
Jan. 15	Haynes Bros. Co.	Cadillac	Lumber	28		28	
Feb. 12	Huckleberry & Watson	Cadillac	Fuel and ice	17	1	18	

## Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WEXFORD Co.—Con.						
Feb. 12	Johnson, Fred	Cadillac	Blacksmithing	2		2	
Feb. 12	Joseph & Lindquist	Cadillac	Millinery		4	4	
Jan. 14	Kelleher, C.	Cadillac	Blacksmithing	2		2	
Feb. 13	Klinge, T.	Cadillac	Tailoring			1	
Jan. 14	Kunse, O. C. & Son	Cadillac	Harness	2		2	
Jan. 19	Larson, Peter	Cadillac	Meats	3		3	
Jan. 19	Lofgren, Axel	Cadillac	Plumbing			2	
Jan. 14	MacDonald Auto Sales Co.	Cadillac	Auto repairing	9	1	10	
Jan. 18	Matzdorf, Fred	Cadillac	Baked goods	4	2	6	
Jan. 19	Michigan State Telephone Co.	Cadillac	Telephone service	4	10	14	
Jan. 15	Mulvey, Edward	Cadillac	Cigars	3		3	
Jan. 16	Murphy & Diggins	Cadillac	Lumber	47		47	
Feb. 12	National Grocer Co.	Cadillac	Groceries	13	3	16	1
Jan. 17	Northern Chair Co.	Cadillac	Chairs	117	25	142	8
Jan. 17	Oakland Garage	Cadillac	Auto repairing	2		2	
Feb. 12	Owen, Miss Sarah	Cadillac	Millinery		4	4	
Feb. 12	Paquette, Edwin	Cadillac	Meats	2		2	1
Jan. 16	St. Johns Table Co.	Cadillac	Tables	152	9	161	5
Feb. 12	Scheibel & Brown	Cadillac	Meats	3		3	1
Feb. 12	Snell, Percy F.	Cadillac	Flowers	3	1	4	
Feb. 11	Standard Oil Co.	Cadillac	Oils	3		3	
Jan. 17	Stewart, G. C. Fuel & Supply Co.	Cadillac	Fuel, ice, etc.	7		7	
Jan. 17	Swift & Co.	Cadillac	Produce	23	5	28	
Feb. 13	Tip-Top Baking Co.	Cadillac	Baked goods	5	1	6	
Jan. 14	Torrey, N. R.	Cadillac	Monuments	5		5	
Feb. 13	Torrey, N. R.	Cadillac	Livery service	5		5	
Jan. 18	Western Union Telegraph Co.	Cadillac	Telegraph service	3	2	5	1
Jan. 17	Williams Bros. Co.	Cadillac	Lumber	80		80	
Feb. 13	Bradford, Wm. F.	Manton	Meats	3		3	
Feb. 13	Carver, Miss Dora	Manton	Millinery		1	1	
Feb. 13	Citizens Telephone Co.	Manton	Telephone service	1	3	4	
Feb. 13	Darling, J. C.	Manton	Meats	1		1	
Feb. 14	Haycock & Watkins	Manton	Blacksmithing	2		2	
Feb. 13	Inman & Northrup	Manton	Lumber and shingles	11		11	
Feb. 13	Manton Light & Water Works	Manton	Light and power	3		3	
Feb. 13	Manton Produce Co.	Manton	Flour and feed	3		3	
Feb. 13	Manton Tribune-Record, The	Manton	Printing	1	1	2	
Feb. 13	Wahlstrom, C. J.	Manton	Harness	2		2	

## FACTORY ORDERS ISSUED IN 1917.

ARRANGED ALPHABETICALLY BY TOWNS.

- Ada.* September 18, 1917.  
GRAND RAPIDS GRAIN & MILLING Co.—At once guard all set screws.
- Adrian.* December 3, 1917.  
CLARK BASKET Co.—At once equip boiler with low water alarm.  
October 5, 1917.  
MANAPHONE CORPORATION.—Within thirty days provide wash rooms and toilets on each floor. Guard belt on machine No. 37. Guard jointer No. 4. Box in belt on saw No. 2. Put guard on saws No. 11-13-17. Replace protruding set screws on line shaft with flat flush screws. Put hand rail on stairway in shipping room, and also recommend drinking fountains in each department.  
October 5, 1917.  
F. W. PRENTICE Co.—Within twelve days repair toilet on second floor. Box in belt on sand machine. Box in elevator between stairway and elevator. Box in belts on pulley strip machine. Place fire escape on south three-story building to conform with State specifications.
- Afton.* November 15, 1917.  
C. A. CAMPBELL STONE COMPANY.—At once guard all set screws on the main shaft in the kiln room and put rail around the engine that runs crusher.
- Albion.* November 13, 1917.  
ALBION GARAGE.—At once repair gate on elevator and put gate on elevator in basement. Put guard on emery wheel.  
November 12, 1917.  
ALBION MALLEABLE IRON Co.—Within fifteen days place hand rail on stairs in pattern vault; repair rope on automatic gate on elevator. Put steel guards on all emery wheels.
- Algonac.* September 5, 1917.  
ALGONAC BOAT & MACHINE WORKS.—Within thirty days guard all exposed gears on lathes and drills and provide guard for emery wheel.
- Alleghan.* September 25, 1917.  
ALLEGAN FURNITURE COMPANY.—At once equip rip saw with new table. Guard burs on planer. Equip elevator with automatic gates and put new cable on elevator.  
October 3, 1917.  
ALLEGAN HARDWARE & SUPPLY Co.—At once equip elevator with automatic gates, doors or traps. Board up sides of elevator.  
October 3, 1917.  
AUTO SHOP.—At once guard rails around swing scaffold in garage work room.  
September 20, 1917.  
IMPERIAL CARVING Co.—At once put guards under all belts not guarded. Guard belts on rounding machine.

September 20, 1917.

OLIVER & Co.—At once put guard on under side of large belts in machine room.

October 2, 1917.

THE PERRY SIBRINE Co.—At once equip boiler with low water alarm.

*Alma.*

January 11, 1918.

GARDEN FURNITURE COMPANY.—At once guard bandsaw.

May 1, 1917.

MCCULLOUGH & BESORE CITY LAUNDRY.—At once comply with Act 285 of the Public Acts of 1909 as amended relating to the employment of females and minors.

May 8, 1917.

MICHIGAN SUGAR Co.—At once provide good substantial hand rails on car track platform located in pulp drying warehouse.

May 9, 1917.

REPUBLIC MOTOR TRUCK Co.—At once provide guard over cog gearing on oil drill presses in Factory No. 1. Provide guard over the overhead belts on two drill presses in Factory No. 4. Also provide guard over belt on drill press in Factory No. 2.

*Alpena.*

February 19, 1918.

ALPENA WOOLEN MILLS.—Within thirty days build fire escape on south side of the mill so as to conform to the State specifications; also cover gears on the picker and put hand rails on all stairways.

October 24, 1917.

FLETCHER PULP MILL, ALPENA TOWNSHIP.—At once put rail on fly wheel of air compressor, and place plank on walk of the screens. Guard all dangerous machinery.

October 24, 1917.

HURON PORTLAND CEMENT Co.—Within twenty days guard all clutches on the shaft that runs the kiln coal feeder.

October 22, 1917.

SIoux CITY SEED Co.—Within fifteen days guard main driving belt on motor.

*Alto.*

September 24, 1917.

ALTO ELEVATOR Co.—Guard cog gear on bean picking machine. Guard pulley in bean picking room. Guard drive belt of grinding machine on main floor.

*Arcadia.*

February 18, 1918.

ARCADIA FURNITURE COMPANY.—At once remove all square head set screws on all collars on shafting. Replace same with flat flush head set screws. Put guards on all exposed gears on lathes in machine shop. Put guards on all overhead belts six inches wide and wider. Put hand rails around belts and pulleys of moulding machine. Put guard over gear on tennent machine. Put guards on two bandsaws, second floor.

*Avoca.*

September 6, 1917.

AVOCA MILLING COMPANY.—Within fifteen days repair low water alarm on boiler. Erect guards around gears on flour rolls.

*Ann Arbor.*

August 10, 1917.

ANN ARBOR CREAMERY.—At once remove square head set screws in collar on shaft in basement and replace with flush flat head screws. Repair stairs leading to basement.



August 24, 1917.

ANN ARBOR MACHINE WORKS.—Within twenty days put guard on all emery wheels on knife grinding machines. Remove all square head set screws in all collars on shafting and replace with flat flush heads. Put guards on gears on lathe No. 3. Put in stationary pillar to hold bracket carrying countershaft to run heading machine and place guard at side of fly wheel of same machine. Put guard on gears on bolt threader; place guard on rattler gears.

August 10, 1917.

ANN ARBOR STEAM DYE WORKS.—At once enclose stool in basement of 204 East Washington Street.

August 8, 1917.

ARNBRUSTER, WALTER W.—At once place guards on emery wheels.

August 24, 1917.

BARTON PLANT OF DETROIT EDISON Co.—Within fifteen days place guards on exposed gears on vertical shaft of generator above thrust bearing.

September 1, 1917.

CITY MILL.—At once put railing on stairway leading to basement also put railing around hole cut in second floor above sifter. Remove all square head set screws, replace with flat flush head set screws. Also put guards on all exposed gears.

July 27, 1917.

DEAN & COMPANY, LTD.—At once remove square head set screws on main shaft in basement. Also place railing on each side of stairway from third to fourth floor.

August 17, 1917.

EBERBACH & SON Co.—Place standard fire escape on building. Also put guard under belt from line shaft to elevator mechanism.

July 27, 1917.

GFEEL & LANGWORTHY.—Place standard fire escape on building; also place sanitary stool in basement.

August 23, 1917.

MRS. R. HERTSBERG.—Put in sanitary toilet in store at 203 North Main Street.

August 23, 1917.

HOME LAUNDRY.—Within ten days install sanitary toilet in building occupied by you at 218 East Huron Street known as Home Laundry. Remove square head set screws in collar on shaft in basement. Place guard around belt running from basement through main floor.

November 8, 1916.

HUTZEL & COMPANY.—At once provide hand rail for basement stairs and proper wrought iron guards over emery wheels.

July 28, 1917.

MAYER-SCHAIER Co.—At once place guard on gears on ruling machine in third story.

August 25, 1917.

MICHIGAN FURNITURE COMPANY.—Within ten days remove square head set screws in collar on countershaft of planer. Put guards on bandsaws. Remove all other square head set screws in collars on shafting.

August 25, 1917.

MICHIGAN MILLING COMPANY.—At once place guards around both sides of main drive belt, also put guard around large hole through which belt comes up through main floor. Remove all square head set screws in collar in shafting, replace with flat flush head screws.

August 15, 1917.

**MOTOR PRODUCTS CORPORATION.**—At once place guard around belt from motor to pulley on line shaft in buffing department; also place guards on all unguarded emery wheels. Put guards on gears on lathe in tool room.

September 7, 1917.

**NICKELS, J. H.**—At once put standard fire escape in rear of building leading from double window in hall of third floor to roof of second floor of building extending in rear of same building.

August 24, 1917.

**THE ONE MAN TRACTOR Co.**—At once place guard on emery wheels. Place guard on small milling machine. Put on gears on shear machine. Put guards on small lathe.

August 15, 1917.

**PORTER BODY Co.**—Place guards on gears on large planer in main shop; also put guard on small emery wheel in stock room.

August 17, 1917.

**RANDALL STUDIO.**—Repair stairway leading to basement.

August 25, 1917.

**SAUER, JOHN.**—Within ten days remove square head set screws in collars on shafting and replace with flat flush heads. Place guards on gears on planer, lower guards on emery wheels.

September 7, 1917.

**SHARPE, GEORGE.**—At once remove dirt thrown into basement and put basement in sanitary condition; also put toilet in sanitary condition, same to be done inside of 48 hours.

August 8, 1917.

**SHUMAKER & BACKUS.**—Remove square head set screw on line shaft. Place guard on emery wheel; place guard on chain on pipe machine.

August 8, 1917.

**SHUMAKER HARDWARE Co.**—At once place gate on elevator, second floor. Place guards on gears of cutting machine and also on forming machine.

August 8, 1917.

**SMITH TIRE REPAIR Co.**—At once place guard on emery wheel.

August 31, 1917.

**STANGER FURNITURE COMPANY.**—At once put new wire cable on elevator.

September 7, 1917.

**STEWART GARMENT Co.**—At once remove square head set screws in pulley on grind stone shaft; also remove all boxes from landing of stairway on third floor of building, said landing is to be at all times kept clear from boxes, etc.

July 27, 1917.

**VOGEL, H. E., MEAT MARKET.**—At once put in sanitary stool in lavatory in building occupied at 213 North Main Street.

August 23, 1917.

**WURSTER, E. M.**—Within ten days put lower guard on band saw; place guards on emery wheels.

*Bangor.*

November 3, 1917.

**BANGOR MUTUAL TELEPHONE Co.**—At once comply with the nine hour law relative to female help, not employing operators for more than ten hours in any one day nor more than fifty-four hours in any one week.

October 16, 1917.

**BRYCE, R. A.**—Within five days equip elevator with automatic gates at all floors.

*Battle Creek.*

November 12, 1917.

**A. B. STOVE Co.**—At once increase suction in blower system on grinding, polishing and buffing wheels, so it will produce a velocity of air of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in a U shaped tube.

August 10, 1917.

**BATTLE CREEK TOY MFG. Co.**—At once discharge all children in your employ under fourteen years of age and have on file in office working permits for all children under sixteen years of age. Provide proper guard and screen on shaper, also guard all belts and pulleys running near floor. Provide proper guard on dado saw.

October 2, 1917.

**B. C. PATTERN WORKS.**—Within ten days put guard on bandsaws and emery wheels and guard on jointer.

**C. & G. T. RY.**—At once comply with sections 9-10-11 of the Compiled Labor Laws.

December 19, 1917.

**IDEAL LAUNDRY**—At once provide safety cover for extractor, guard belts and pulleys on collar machines. Do not allow female help to work more than ten hours in any one day or more than fifty-four hours per week. Provide proper wash and dressing room for female help.

September 20, 1917.

**INDEPENDENT GARAGE.**—At once put guards on emery wheel.

September 26, 1917.

**MERCHANTS PARCEL DELIVERY.**—At once comply with Section 10 and get permits for boys working under sixteen years of age.

August 17, 1917.

**PORTER BROTHERS.**—At once discharge all children in your employ under fourteen years of age. Place on file in office working permits for children employed between the age of fourteen and sixteen years, in compliance with section 10 of Public Acts of 1909.

January 11, 1918.

**POST TAVERN LAUNDRY.**—At once comply with section 9 of the Labor Laws.

September 27, 1917.

**JOHNSON ADOLPH.**—Within five days put steel guard on emery wheels.

*Bay City.*

September 11, 1917.

**BAY CITY CIGAR Co.**—Within five days install two more toilets for females on second floor, also have same in good sanitary condition.

July 17, 1917.

**BAY CITY MILLING Co.**—At once place low water alarm on boiler and build proper stairway leading to boiler room.

September 11, 1917.

**BOUSFIELD & Co.**—At once clean and keep in more sanitary condition the toilet and dressing room used by the women of your employ in the pail room.

January, 31, 1917.

**Foss, E. B. Co.**—At once provide working permits for all children under sixteen years of age.

September 13, 1917.

**GREENWALD LAUNDRY.**—At once file working permits for all children under sixteen years of age.

February 15, 1917.

**ROELLER FOUNDRY Co.**—At once provide ventilating system for core room and proper wash room with hot and cold water and place where moulders can dry their clothes.

January 30, 1917.

**WAYNE CIGAR COMPANY.**—At once provide working permits for all children under sixteen years of age.

*Bear Creek.*

May 7, 1917.

**CALKINS, O.**—At once guard all exposed set screws and belts.

*Belding.*

August 14, 1917.

**BELDING BASKET COMPANY.**—Within thirty days guard cog gear on veneer machine. Guard main drive belt, clean toilets and put in sanitary condition.

January 9 1918

**BELDING-HALL Co.**—At once provide proper blower systems on all dust creating machines in factory B. with sufficient suction for conveying dust arising therefrom directly from the building. Repair automatic gate at elevator opening, Factory B. Guard mitre saw on third floor, main building. Provide proper screen on toilets used by male employes.

August 10, 1917.

**BELDING LUMBER Co.**—Place railing on balcony in lumber shed.

August 13, 1917.

**FOSS & LINCOLN**—Within eight days repair low water alarm, place name of sex using toilet on door of same.

February 1, 1918.

**E. J. KNAPP Co.**—Before operating boiler equip same with low water alarm.

*Bellevue.*

June 14, 1917.

**THE BURT PORTLAND CEMENT Co.**—At once repair low water alarms on No. 3 and No. 8 boilers. Put rail or guard on front of stairs leading to conveyor in kiln room.

*Benton Harbor.*

November 23, 1917.

**AMERICAN LAUNDRY**—At once board sides of elevator and fix gates to work automatically.

November 26 1917.

**BAKER-VAWTER Co.**—At once in plant "F" guard belt and pulley machines where females work. In plant "M" guard belt in screen machine room. Remove all extending set screws. Install stool in men's toilet. In plant "B" change doors to close automatically when elevator leaves floors, this applies to all elevator openings. Repair low-water alarms. Guard presses on fourth floor where females work, also pulleys and belts.

December 4, 1917.

BARENTSEN, WILLIAM—At once box sides of elevator and equip elevator with automatic gates.

December 3, 1917.

BAUSHKE BROTHERS—At once guard jointer. Equip elevator with automatic gates. Box sides of elevator up at least four feet. Guard pulleys and belts near floor.

November 24, 1917.

BENTON HARBOR AUTO MACHINE Co.—At once guard drive belt and pulley on multiple drill press. Clean toilets and put the same in sanitary condition. Repair gate on elevator.

December 6, 1917.

BENTON HARBOR CITY WATER WORKS.—At once put railing on stair in pit at water works plant. Install inside sanitary toilet for men at plant.

November 24 1917.

BENTON HARBOR MALLEABLE FOUNDRY Co.—Within thirty days install exhaust fans for ventilation of core room. Guard pulleys and belts on mixer. Install blower exhaust system for emery wheels in grinding room. Guard belts and pulleys near floor in pattern room.

December 4, 1917.

BENTON HARBOR-ST. JOE GAS & FUEL Co.—At once board or screen elevator shaft at plant and equip elevator with automatic gates or traps.

December 8, 1917.

C. C. C. & ST. LOUIS RY. Co.—At once equip boiler with low water alarm.

December 4, 1917.

COLEMAN LAUNDRY—At once equip boiler with low water alarm.

November 23, 1917.

COVEL MFG. Co.—At once equip elevator at foundry with automatic gates or traps at all openings. Clean all toilets and put them in sanitary condition and keep them clean and sanitary.

November 24, 1917.

MANDEL MFG. Co.—Guard jointers in factory. Clean toilets and keep them clean and sanitary. Equip elevators with automatic gates where same are not so equipped.

December 10, 1917.

MULLEN BROTHERS PAPER Co.—At once guard all open gears not guarded. Guard overhead belts. Provide dressing room for female help in butter dish room, said dressing room to be properly heated. Provide more heat in butter dish room.

November 27, 1917.

NOWLEN B. M. & Co.—Guard jointer and bandsaw.

December 8, 1917.

PERE MARQUETTE RY. Co.—At once equip boiler in repair shop with low water alarm.

November 27, 1917.

THAYER, GEORGE B. & Co.—At once guard all overhead drive belts.

December 6, 1917.

YOUNG, CHARLES L. & Co.—At once equip boiler in basement with low water alarm. Equip building on Elm Street No. 59 to 65 with fire escape for second, third and fourth floors, as per specifications submitted.

*Berrien Springs.*

December 13, 1917.

INDIANA MICHIGAN ELECTRIC RY.—At once provide rubber mats around rotary converter and back of switch board, in front of oil switches, matting to be of good weight, not light weight. This means the whole length of all places mentioned.

*Bessemer.*

December 13, 1917.

HANSEN CORNELIUS—Within twenty days install toilet in basement of building owned by you, occupied by A. Lindeman as a meat and grocery store, for the separate use of female employes, same to be entirely separate from toilet used by males; to be lighted and ventilated and kept in a good sanitary condition at all times, and designated for women only.

December 13 1917.

SALIN, H.—At once install two toilets in the building owned by you and occupied by Swanson & Carlson as meat and grocery store, one toilet to be for use of female employes only, the other for use of males, same to be lighted and kept in a sanitary condition at all times. Both toilets to be installed on ground floor for use of the employes in said stores.

*Beverly.*

September 27, 1917.

ACME CEMENT PLASTER Co.—Within ten days equip boilers with low water alarms. Guard overhead belts in sacking room. Guard drive belt to crushing department.

*Big Rapids.*

January 17, 1917.

BIG RAPIDS GAS Co.—At once provide guard around gas tank.

January 30, 1917.

HANCHETT SWAGE WORKS—At once repair blowers on emery wheels and connect all dust creating machinery with blowers capable of carrying off the dust thrown off or arising from such machinery.

January 9, 1917.

STIMSON, LESTER J.—At once provide outside stairway leading from bean room. Put chimneys in safe condition. Provide bean room with proper ventilation and provide water closet for females employed in bean room.

*Birmingham.*

September 14, 1917.

DOUGNER BROS.—At once put guard on both emery wheels.

September 15, 1917.

BIRMINGHAM HOME LAUNDRY—At once put guards on gears on both ends of mangle machine, also remove all square head set screws in collar on shafting and replace same with flat flush head set screws.

September 14, 1917.

BIRMINGHAM MILLING Co.—At once remove all square head set screws in collar on shafting also put guards around pulley belting and chain at both ends of the Midget Marvel.

September 14, 1917.

BIRMINGHAM SALES Co.—At once put stairs leading from first floor to furnace room of basement.

September 15, 1917.

**ERWIN & SMITH**—At once install sanitary toilet in building occupied by you and owned by Johnson & Shaw.

September 14, 1917.

**J. C. GIFFORD**.—At once have toilet in working order and in sanitary condition, also clean out basement and put in air ventilation in both front and rear.

September 15, 1917.

**O'NIEL HARNESS SHOP**—At once put toilet in working order and in sanitary condition and keep same disinfected, also clean up back of basement and remove ashes from same.

September 14, 1917.

**LEONARD, H. G. ELECTRIC STORE**—At once install sanitary toilet at 111 Maple Street

September 15, 1917.

**SANITARY BAKING Co.**—At once install low water alarm on boiler.

September 14, 1917.

**SCHLAACK & BELL**.—At once put guard on gears of meat grinder and clean up back room generally. Clean basement thoroughly and keep same in good condition.

September 14, 1917.

**WEIER-SMITH TRUCK Co.**—At once remove all square head set screws in all collars on shafting, also put guard on emery wheel.

*Blissfield.*

December 7, 1917.

**MUNICIPAL LIGHT PLANT**—At once equip boilers with low water alarms.

*Bloomingtondale.*

October 30, 1917.

**BLOOMINGDALE TELEPHONE Co.**—At once comply with the fifty-four hour law, and do not employ operators more than ten hours in any one day nor more than fifty-four hours in any one week.

*Boyne City.*

May 23, 1917

**WHITE, W. H. Co.**—At once provide and connect resaw in planing mill with a blower system and suction fan to take care of dust.

*Bronson.*

December 28, 1917.

**BRONSON MILLING Co.**—At once put hand rails on stairs leading from first floor to second floor, second floor to third floor and on two flights of stairs above third floor.

*Buchanan.*

November 20, 1917.

**THE CLARK EQUIPMENT Co.**—At once guard drive belts in all departments of shop. Put hand rail on running board in forge room and guard belts on drive pulleys of machines that are not guarded.

November 21, 1917

**HOPKINS, E. J.**—At once equip boiler with low water alarm.

*Burr Oak.*

December 11, 1917.

**SHEFFIELD MFG. Co.**—At once install automatic safety gates for elevator, same to be installed on first and second floor.

- Byron Center.* December 5, 1917.  
 BYRON CENTER GRAIN & FUEL Co.—At once repair low water alarm.
- Cadillac.* January 18 1918.  
 WESTERN UNION TELEGRAPH Co.—At once provide separate toilets for use of male and female employes.
- Caledonia.* October 25, 1917.  
 CALEDONIA MILLING Co.—At once equip boiler with low water alarm.
- Calumet.* October 24, 1917.  
 GODFREY, E. R. & SONS—Within twenty days install separate toilet in a convenient and suitable place for special use of female employes and have same designated for females only. Build a good substantial fence around belting and shafting, also motor operating freight elevator in warehouse.
- Caro.* August 24, 1917.  
 CUMMINS BROTHERS LUMBER Co.—Within thirty days cover all open gears and guard engine and belts.  
 September 3, 1917.  
 JOSEPH FOURNIER—Within twenty days guard all main belts.  
 August 23, 1917.  
 MALSBURY & WORTHINGTON—Within ten days guard all machinery and cover open gears.  
 September 3, 1917.  
 TUSCOLA FARMERS CO-OPERATIVE ELEVATOR Co.—Within thirty days erect fire escape to bean room and guard main engine.  
 January 7, 1918.  
 JOSLIN, M. A.—Within twenty days install sanitary toilet and wash room for female help in building now occupied by you; also cover passage ways leading from back doors to alley and erect handrails on same.
- Carrollton.* November 16, 1917.  
 MERSHON, EDDY, PARKER Co.—At once guard all belts and pulleys and bandsaws. Cover all open gears.
- Carson City.* February 7, 1918.  
 RALPH F. CITY GARAGE—At once guard emery wheel.  
 February 7, 1918.  
 ROCKAFELLOW GRAIN Co.—Within ten days guard engines, also belt to feed mill.
- Carter Siding.* December 1, 1917.  
 DESMOND CHARCOAL & CHEMICAL Co.—At once guard fire pump fly wheel and repair low water alarms on boilers.
- Cassopolis.* November 10, 1917.  
 CITY STEAM LAUNDRY.—Within ten days equip boiler with low water alarm; guard gear on mangle.  
 November 10, 1917.  
 KELLOGG SWITCHBOARD & SUPPLY Co.—Within thirty days install inside sanitary toilet for men employes, one stool for every twenty-five employes.



- Cedar Springs.* October 4, 1917.  
CEDAR SPRINGS CLIPPER—At once guard all set screws and keys.
- October 2, 1917.  
CEDAR SPRINGS CO-OPERATIVE CREAMERY Co.—At once repair low water alarm.
- Central Lake.* April 12, 1917.  
ANTRIM COUNTY OVERLAND Co.—At once guard all emery wheels.
- April 11, 1917.  
ARGO MILLING Co.—At once repair low water alarm, or install new one.
- Charlevoix.* June 2, 1917.  
CHATTERTON & SON.—At once open outlet to sewer from females' toilets and put same in a sanitary condition; also repair and keep men's toilets in a sanitary condition.
- Charlotte.* June 8, 1917.  
ARTIFICIAL ICE Co.—At once guard the air compressor engine in front of piston rod.
- June 7, 1917.  
MARPLES BAKERY—At once procure and place on file permit for boy in your employ under 16 years of age.
- June 8, 1917.  
THE DRY MILK Co.—At once repair low water alarm on No. 2 boiler.
- June 4, 1917.  
FRITZ, J. A. GARAGE—At once guard emery wheels in repair shop.
- Cheboygan.* November 9, 1917.  
CHEBOYGAN FLOUR MILL—At once guard the belt on the brand packer machine and all dangerous places where belts run through the floor.
- November 10, 1917.  
JACKSON ICE CREAM PLANT— At once remove set screws on main shaft.
- Chelsea.* August 29, 1917.  
CHELSEA ELECTRIC LIGHT & WATER WORKS PLANT.—At once put guard under main drive belt, also put guard over passage way from door of boiler room to engine room.
- August 29, 1917.  
CHELSEA STANDARD—At once remove all square head set screws in collar on shafting and replace with flat flush head set screws. Put guards on all gears on printing presses.
- August 30, 1917.  
CHELSEA STEAM LAUNDRY—At once remove all square head set screws and replace with flat flush head set screws in collar on shafting. Put low water alarm on boiler.
- August 29, 1917.  
CRESENT GARAGE—At once put guards on emery wheels.

August 29, 1917.

EPPLER, ADAM—At once put low water alarm on boiler. Remove all square head set screws in collar on shafting and replace with flat flush head set screws. Clean up back room generally, also basement, and remove rubbish therefrom.

August 29, 1917

KLINGLER, FRED C.—At once remove all square head set screws in collar on shafting. Put low water alarm on boiler.

August 29, 1917.

LEWIS SPRING & AXLE Co.—At once remove all square head set screws in collars on shafting and replace with flat flush head set screws. Put guards under belts on main floor of machine shop. Put two seats in toilet, shop No. 7. Put standard fire escape on building No. 7.

*Chesaning.*

February 20, 1918.

CHESANING GRAIN Co.—Within ten days install door with balcony and stairs on Michigan Central side of building from bean packing room, also build stairs from roof to ground on opposite side of building.

February 20, 1918.

FARMERS CO-OPERATIVE ELEVATOR—Within ten days install door with balcony and stairs connecting second floor on Broad Street side of building. Place all wiring in safe condition.

December 26, 1917.

MUNICIPAL ELECTRIC LIGHT & WATER WORKS—Within twenty days guard all machinery.

*Chilsdale.*

October 5, 1917.

CHILSDALE PAPER MILLS.—At once equip boiler with low water alarm.

*Coldwater.*

December 27, 1917.

COLDWATER STEAM LAUNDRY.—At once remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Put guards on band ironing machines and on sleeve ironer. Put low water alarm on boiler in working condition.

December 27, 1917.

HELLENBERG, J. B. Co.—At once put guards on both emery wheels in tool room. Put guards on all circular saws.

December 27, 1917.

HOOSIER STOVE Co.—Within ten days guard drive belt in boiler room.

*Comstock Park.*

December 3, 1917.

MICHIGAN TANNERY.—Within ten days guard emery wheels. Guard rip saw. Guard all exposed cog gears.

December 3, 1917.

MILL CREEK TANNERY.—Within ten days guard main drive belt at door of engine room.

*Concord.*

September 6, 1917.

TUCKER, A. K.—Within ten days put guards around belts on flour rolls.

*Conklin.*

January 31, 1917.

SAW MILL.—Equip boiler with low water alarm.

December 8, 1917.

CONSTANTINE BOARD & PAPER Co.—At once provide automatic gates at elevator opening in basement so constructed as to open and close by the action of the elevator either descending or ascending, also provide signal belt on elevator. Provide proper collar on paper roll shaft as a safety guard for key.

*Coopersville.*

January 15, 1918.

UNITED HOME TELEPHONE Co.—Arrange hours of girls employed to conform with the fifty-hour law.

*Copemish.*

February 16, 1918.

CHAPMAN SARGANT Co., THE—At once remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Put guard over gear and pinion bevel, Dowell Machine. Put hand rail in front or at side of carriage pit. Put guards over gears on saddle machine. Put guard under main drive belt in main building. Install blower to carry away dust from sanding belt and machine.

February 16, 1918.

COPEMISH CREAMERY Co.—Install low water alarm on boiler.

*Coral.*

June 8, 1917.

FARMERS CO-OPERATIVE CREAMERY Co.—At once provide low water alarm on boiler.

*Corunna.*

November 22, 1917.

MARSHALL, H. F., GENERAL REPAIR SHOP.—At once remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Put guard over emery wheels. Put guards on all exposed gears on lathe.

*Crystal Falls.*

December 27, 1917.

OSTERBERG & Co., MEATS & GROCERIES.—Within sixty days install toilets on floor occupied by Osterberg & Company as a meat market and grocery store, owned by Mr. Frank Scadden. Sald toilet for the use of employes in store, one for females and one for males, to be separate from each other, heated lighted and ventilated and kept in a good sanitary condition at all times.

December 27, 1917.

UNITED STATES POST OFFICE—W. J. KELLY, OWNER.—Within sixty days install toilets in a convenient place on the floor occupied by the post office department for the use of the employes of said post office; one for the use of females and one for the use of males, each to be heated, lighted and ventilated and kept in a good sanitary condition at all times.

*Deford.*

August 18, 1917.

ROBERTS, GEORGE.—At once guard all machinery and belts.

*Detroit.*

April 16, 1917.

A. B. C. Co.—At once remove obstructions to fire escape and keep passage way to same clear at all times.

January 26, 1917.

ACCESSORY FORGING Co.—At once extend blower system to take in all grinding wheels in finishing department. Provide shield for counter shaft belt on grinding wheels in same department.

October 9, 1917.

ACCESSORY FORGINGS Co.—At once provide proper wrought iron guards for all emery wheels in basement.

October 18, 1917.

ACME MFG. Co.—At once provide covers for all exposed gears on 20-inch lathe in machine shop.

June 20 1918.

ACME PATTERN WORKS.—At once guard upper wheels of bandsaws. Provide proper wrought iron guards for all emery wheels. Remove all exposed set screws and guard large belt over head near main door. Remove all obstructions leading to rear stairway.

August 9, 1917.

ADVANCE GARAGE.—At once keep on file in your office working permits for all children under sixteen years of age.

May 3, 1917.

ADVANCE MACHINE Co.— At once guard overhead motor belts.

June 8, 1917.

AJAX PATTERN WORKS.—At once guard upper and lower wheels of bandsaw. Box in all belts and pulleys which are running near floor.

August 9, 1917.

THE ALLIANCE BRASS FOUNDRY Co.—At once discontinue employing boys under eighteen years of age on any dangerous machinery.

September 25, 1917.

ALUMINUM CASTINGS Co.—At once guard all electric switches lower than 6 feet from ground. Keep closets and wash rooms in a more sanitary condition. Install large suction fan in Department 1 to take off smoke and gases. Guard all emery wheels. Guard gear and pulley on punch press 11409, Dept. 2. Insist on goggles being worn by men working on grinders and buffers, and place sign to that effect.

August 14, 1917.

AMERICAN AUTO TRIMMING Co.—At once place signs opposite all fire escapes directing way to fire escape on third, fourth and fifth floors.

October 17, 1917.

AMERICAN BLOWER FOUNDRY Co.—At once guard rip saw in carpenter shop

October 3, 1917.

AMERICAN BLOWER Co.—At once provide proper wrought iron guards for emery wheel. Guard end of shaft on press No. 59 in Dept. 92. Guard drill press No. 127.

August 27, 1917

AMERICAN BREWING Co.—At once erect iron pipe rail guard around air pump.

August 10, 1917.

AMERICAN COMMERCIAL Co.—At once cover all gears on lathes.

November 15, 1917.

AMERICAN LADY CORSET Co. INC.—At once place signs directing way to fire escape on all floors of new building. Keep all doors leading to different departments open during business hours where it will not permit draught to enter.

January 18, 1917.

AMERICAN MESSENGER Co.—At once procure and keep on file working permits for all employes under sixteen years of age.

October 10, 1917.

AMERICAN RADIATOR Co.—At once guard radial drill press, also guard drill press No 38 on first floor.

July 25, 1917.

AMERICAN SHOW CASE & Mfg. Co.—At once provide proper wrought iron guards for emery wheels. Connect dust creating machinery to blower and keep all machinery properly guarded.

May 24, 1917.

AMERICAN TOOL & DIE Co.—At once replace all dangerous square head set screws with safety ones. Provide proper wrought iron guards for emery wheels.

July 23, 1917.

ANDERSON DROP FORGE MACHINE Co.—At once put guard on elevator door and guard all lower pulleys throughout plant, also all gears

October 23, 1917.

ANDERSON ELECTRIC CAR Co.—At once provide proper wrought iron guards for emery wheel in tool room. Place toilets in Body Dept. on second floor in a sanitary condition.

August 13, 1917.

ANDERSON, W. H. TOOL & SUPPLY Co.—At once remove all exposed set screws on trip hammer on second floor.

August 3, 1917.

ARMSTRONG TANNING Co.—At once place guards on wheel and belt on turner tanning machine No. 92. Guard belts, pulley and gears on unhairing machines.

October 11, 1917.

THE ART STOVE Co.—At once guard overhead belts on buffing wheels on third floor. Guard emery wheels in pattern shop.

December 28, 1917.

ATLAS FOUNDRY Co.—At once install two more toilets in foundry wash room for men. Provide separate toilets properly designated for females, also wash and dressing rooms, and do not permit them to work for a longer period than 9 or 10 hours in any one day, or more than 54 hours in any one week.

October 5, 1917.

AUTO CRANK SHAFT Co.—At once guard 4 Le Blond machines. Guard overhead belts on motors on main floor. Place toilet on second floor in a sanitary condition.

April 19, 1917

AUTOMATIC PRODUCTS Co.—At once provide blower system for dry grinding wheels.

August 7, 1917.

AUTO PRODUCTS CORPORATION.—At once cover gears on Hendy lathe in machine repair dept. Guard lower pulleys on automatic tapper No. 2. Cover gears on sliter machines. Box belt and wheel and cover gears on draw benches. Cover gears on all rolling machines. Cover gears on lathe No. 67; guard pulleys on passageways on punch presses Nos. 74 and 29. Guard all pulleys and belts where women are working on machines. Keep all starting boxes clear of obstruction at all times.

September 18, 1917.

THE BAGACKI MILLING Co.—At once provide hand rail on stairs of first, second and third floors of mill.

## DEPARTMENT OF LABOR.

June 13, 1917.

BEALS, P. W., CANDIES.—At once discontinue employing female help longer than ten hours in any one day or longer than fifty-four hours in any one week.

June 11, 1917.

BELL PUMP & MFG. Co.—At once keep on file permits for all employes who are less than sixteen years of age. Provide proper wrought iron guards for emery wheels. Provide printed notice directing way to rear exit on top floor and keep same clear at all times.

August 6, 1917.

BOWER ROLLER BEARING Co.—At once guard wheels and gears on Cleveland Automatic machines. Guard gears on machine No. 113. Guard lower belts and pulleys on all passageways. Cover gears on Seneca Falls machine in tool room. Cover gears on Strelinger Lathe machine in tool room. Put in a new wash room for employes in factory.

May 15, 1917.

BRADLEY BROTHERS Co., INC.—At once provide separate toilet for the use of your female employes.

April 27, 1917.

BRASS BED REPAIR Co.—At once provide proper blower to take away the dust from buffing wheels. Provide a proper wrought iron guard for emery wheel, fourth floor.

January 23, 1917.

BRASS PRODUCTS Co.—At once repair grating on brass furnace and improve suction in blower pipes of buffing and polishing wheels to carry off dust and lint from wheels as provided for by Sections 27-28-29 and 30 of the State Labor Laws. Keep on file record of all employes who are under sixteen years of age.

September 26, 1917.

THE BROADWAY MARKET.—Do not permit males under 18 years of age to operate elevators.

August 16, 1917.

BROSSY, L. C., DYEING Co.—At once install low water alarm on boiler.

July 9, 1917.

BROWN-HAWKINS LUMBER Co.—At once provide proper wrought iron guards for all emery wheels. Guard jointer knife machine, also exposed set screws on shafting. Provide hand rails for front and rear stairways. Guard all belts and pulleys near floor. Connect dust creating machinery to blower to take away dust.

March 1, 1917.

BUECHNER, J. L.—At once provide better suction in exhaust fan system so that it will draw a column of water five inches high in a U shaped tube to take the dust from buffing and polishing wheels. Also provide proper hoods or hoppers so applied to such wheels that the dust or refuse therefrom will fall from such wheels.

October 8, 1917.

BUHL STAMPING Co.—At once provide guards for all shears in raw material department. Guard all riveting machines, all emery wheels and all exposed gears on machines through entire plant.

August 29, 1917.

BURROUGHS ADDING MACHINE Co.—At once discontinue the employment of females on polishing, buffing and emery grinding wheels in compliance with Section 31, Act 285 of the Public Acts of 1909 as amended.

April 12, 1917.

CADILLAC AUTO PAINTING & TRIMMING Co.—At once repair and place on freight elevator automatic gates on first and second floors. Keep elevator in good condition at all times.

July 13, 1917.

CADILLAC CAN Co.—At once guard exposed set screws, also open wheels on body maker machines.

July 25, 1917.

CADILLAC MOTOR CAR Co.—At once repair safety gates on elevator on first and third floors.

August 14, 1917.

CADILLAC MOTOR CAR Co., PLANT No. 6.—At once erect trough guard around motor belt on sand mixer and pipe rail screen around up and down belt. Place guard rail around belt of wire cutting machine No. 764. Continue side rails on overhead belting in rattling room and erect pipe rail guard around belt (tumbler) in cleaning room. Provide high stools for all female help, also remove water filled barrel level with floor in core room near oven.

September 12, 1917.

CADILLAC MOTOR CAR Co.—Remove exposed set screws on shafting in departments V. No. 10 and Dept. M. No. 59. Guard belt over head near fire door and exposed set screws on shafting Dept. No. 13 F. Remove all exposed set screws and guard-belt and pulley on machine No. 1958, Dept. F, No. 12. Remove all exposed set screws in department No. 66. Guard belt and pulley on machine No. 422, Dept. M. 49; also guard exposed set screws in department No. 45; guard overhead belts in Department M 62, and three over head belts in Department M 69, south end building. Guard overhead belts and set screws on shafting Department M. 55, and belt and pulley on stoker engine No. 6, Dept. B. 35. Guard overhead belts Dept. 80. Bldg. N. and in Dept. M. 56 provide automatic gates for elevator openings, Dept. M. 42, first floor and first floor long building. Guard belts and pulleys on all milling machines No. 6, Dept. M. 47; guard lower and upper wheels of band-saw overhead belts Dept. M. 48, third floor, and four overhead belts, first floor, west end long building, and belts and pulleys on Columbia sander No. 3569, Dept. V. 32.

September 20, 1917.

CADILLAC MOTOR CAR Co.—At once place guard rails around belt and pulley, also fly wheel of air compressor.

October 11, 1917.

CADILLAC MOTOR CAR Co.—At once cover gears on lathes Nos. 3227-1517-363-2208-306-375-402-739-357. Cover gears on machine 2361. Guard all emery wheels.

May 17, 1917.

CADILLAC TOOL Co.—At once provide guard or shield for motor belt on main drive shaft.

September 28, 1917.

THE CAILLE BROTHERS Co.—At once provide proper wrought iron guards for all emery wheels; guard upper wheels of bandsaws, and bevel gears on drill presses, also fly wheel on engine. Remove all exposed set screws on shaftings, and provide exit on third floor leading to fire escape.

March 28, 1917.

CASKET HARDWARE Co.—At once clean women's toilet room and keep it in a sanitary condition.

October 3, 1917.

CENTRAL BOILER WORKS.—At once guard all machinery.

October 22, 1917.

CENTRAL PLATING Co.—At once guard belt and pulley on motor. Install a blower system to take away the dust from polishing and buffing wheels. Provide hand rail for stairs.

October 18, 1917.

CENTRAL SPECIALTY Co.—At once cover gears on rolling barrels. Install blowers on grinders and buffer.

July 12, 1917.

CHALMERS MOTOR CAR Co.—At once place sign on third and fourth floors in center opposite each fire escape in every department. Extend blower to all emery wheels in Dept. 2. Place guards on lower pulleys in service machine shop and on punch presses. Put hoods on enamel tanks.

June 7, 1917.

CHAPPER, F. A., IRON WORKS.—At once remove or guard all dangerous squarehead set screws on drill press and counter shaft on second floor.

September 27, 1917.

CHICAGO PNEUMATIC TOOL Co.—At once remove all exposed set screws on shafting. Guard all exposed gears on end of lathes, upper wheels of bandsaw and guard belt and pulley on motor in new grinding room. Do not permit males under 18 years of age to work on dangerous machinery.

August 3, 1917.

CITY LUMBER Co.—At once place guards on pulleys on inside moulder machines.

October 16, 1917.

CLAYTON & LAMBERT MFG. Co.—At once guard drill press No. 361-360-423; also guard lathe No. 378-282; also guard press No. 412 and emery wheel on Floor No. 1.

September 6, 1917.

CLIPPERT, GEORGE H.—At once repair low water alarm on boiler No. 1. Extend length of guard rail on crank shaft of engine.

September 6, 1917.

CLIPPERT, WILLIAM, BRICK MFG.—Guard gears on brick machine No. 1. Repair low water alarm on boiler No. 1.

January 9, 1918.

COMMERCIAL MILLING Co.—At once cover or remove all exposed set screws on shafting on first floor in Mill B.

July 16, 1917.

CONTINENTAL MOTORS CORPORATION.—At once put guard on lower pulleys, Dept. T. Guard all lower pulleys on rimmer grinders. Guard all lower pulleys in Dept. 1. N. and Dept D. 1. Place guard on gears. Guard pulleys on all milling machines. Put guard on aisle pulley, punch press No 15. Put guard on D. M. 1, Dept A. Put guard on punch press No. 11 also on punch press No. 16. D. T. Remove starting box for Rockford boring machine away from all obstruction. Guard lower pulleys throughout plant. Keep all passageways clear at all times. Build solid foundation for punch press D. 11.

August 13, 1917.

CROSS GEAR & ENGINE Co.—At once box large belts on power engine. Guard all lower pulleys on all passageways. Cover gears on gear cutters and lathes.



September 20, 1917.

CUDAHY BROTHERS Co.—At once place elevator gate in safe condition on ground floor. Place toilet in basement in sanitary condition.

September 4, 1917.

DANIEL, JACOB, BRICK Co.—At once guard cut off saw in machine shop.

November 27, 1917.

DEANE, C. H. COMPANY.—At once discharge boy in your employ under fifteen years of age. Do not permit boys under fifteen years of age to work for you without a permit.

November 21, 1917.

DE LUX LAUNDRY Co.—At once provide at least four more toilets for male and female employes. Keep guards on all extractors.

October 25, 1917.

DENBY MOTOR TRUCK Co.—At once guard set screws or remove same on American lathe. Guard drill press No. 3092.

February 14, 1917.

DETROIT AUTOMATIC CLAMP Co.—At once discontinue employing women to operate consolidated Press 103. Do not allow machine operator to reach behind die and operate machine with foot at same time.

September 4, 1917.

DETROIT AUTO DASH Co.—At once remove exposed set screws on belt sander, second floor. Guard belts and shafting on shaper on first floor.

October 9, 1917.

DETROIT AUTO PRODUCTS Co.—At once put guard on bandsaw. Box up tendler saws. Fix window at rear of factory where women work.

July 18, 1917.

DETROIT BRASSWORKS.—At once remove all exposed set screws and guard belts and pulleys on all cock grinding machines. Keep elevator doors and gates in good working condition.

August 23, 1917.

DETROIT CHAIR Co.—At once box belts on planer, first floor.

October 24, 1917.

DETROIT CITY GAS Co.—At once provide a proper blower system in buffing room to take away the dust from buffing wheels, so that it will draw a column of water five inches high in a U shaped tube.

July 13, 1917.

DETROIT COPPER & BRASS ROLLING MILLS.—At once repair low water alarm on boiler No. 12. Provide two more toilets and urinals in west side of plant. Also provide toilet and urinal in machine shop.

October 16, 1917.

DETROIT CREAMERY Co.—At once guard belt and pulley on dairy machine, also motor belt overhead in ice cream department, second floor.

May 15, 1917.

DETROIT FORGING Co.—At once provide safety guards for all punch presses. Guard belt and pulley on planer, machine shop, same on turning machine in wood working shop. Guard overhead belt in furnace room. Guard large belts running

through wall in hammer shop. Connect all dry grinding wheels with blower system.

May 29, 1917.

DETROIT FREE PRESS Co.—At once procure and keep on file working permits for all employes under sixteen years of age.

August 15, 1917.

DETROIT FURNITURE MFG. Co.—At once cover gears on sticker machine. Box floor belt on planer. Box pulley on cut off machine, second floor.

April 18, 1917.

DETROIT GEAR MACHINE Co.—At once provide blower system to carry off dust from brush wheels in basement, also equip wheel lathes with belt shifters. Guard or provide screens for all motor drive belts which run over passageways.

November 16, 1917.

DETROIT LEAD PIPE WORKS.—At once provide safety gates on elevator in basement connected with shipping room, and also lead room.

July 19, 1917.

DETROIT LEATHER SPECIALTY Co., INC.—At once guard emery wheel on splitting machine, first floor. Do not permit boys under 18 years of age to operate splitting machine.

May 4, 1917.

THE DETROIT LEGAL NEWS Co.—At once guard all fly wheels on all cylinder and Gordon presses, also one exposed set screw.

July 9, 1917.

DETROIT NUT Co.—At once place gate on entrance to elevator on main floor.

December 17, 1917.

DETROIT OVERALL LAUNDRY Co., INC.—At once provide low water alarm on boiler, also a cover for extractor and a guard rail across receiving door, second floor.

March 13, 1917.

DETROIT OVERALL LAUNDRY Co.—At once clean stairway leading to second floor and provide cover for extractor.

April 4, 1917.

DETROIT PAPER STOCK Co.—At once designate toilets for male and female employes. Guard all well holes in floor and see that all automatic gates for elevator are in good working condition.

September 10, 1917.

DETROIT PRESSED STEEL Co.—At once guard all lower pulleys and belts throughout plant. Guard large wheel punch press No. 10, belt and pulley, punch press No. 3. Cover gears punch press No. 8. Cover belt and wheel machine No. 20. Cover gears and box wheel machine No. 133 and 4. Cover gears machine No. 11, large wheels 6 and 7. Guard pulley and gears, machines 14. Cover large gear 35. Cover gears, drill press 208. Guard wheels on punch presses 78-69-68-298-324-299-325-300-12-76-77. Guard all emery wheels and put sign up ordering men to wear goggles. Box all electric starters.

September 4, 1917.

DETROIT PULLEY Co.—At once cover gears on planer, first floor. Box large belt in engine room. Box lower belt on planer, second floor.

December 3, 1917.

THE DETROIT SANITARY SUPPLY.—At once discontinue the employment of boy under eighteen years old longer than ten hours in any one day or fifty-four hours in any one week.

September 26, 1917.

DETROIT SHIP BUILDING Co.—At once erect guard rail on each side overhead platform in machine shop.

December 7, 1917.

DETROIT SLIPPER MFG. Co.—At once provide a separate and distinct toilet for your female employes and designate same for women only. Provide better ventilation for toilet used by the men in your factory.

May 1, 1917.

DETROIT SOLUBLE OIL Co.—At once enclose sides of elevator shaft and provide automatic gates for freight elevator openings.

May 29, 1917.

DELPHI SPECIALTY MFG. Co.—At once provide safety guards for all punch and stamping presses on which it is necessary for operators' hands to come in contact with dies. Repair blower system in grinding department to comply with Section 16 of State Law. Guard motor drive belt in press department No. 2, and provide two or more uprights to support roof of same department.

April 20, 1917.

DETROIT STEEL CASTING Co.—At once repair elevator gate on charging elevator in shop No. 2, also repair and place fender on charging car.

September 27, 1917.

DETROIT STEEL PRODUCTS Co.—At once guard all emery wheels. Box all belts and guard pulleys on all passageways. Guard all lower pulleys. Guard wheel punch press No. 127. Guard large wheel 122-115. Fix guard on aisle shaft 93-99. Cover gears on machine 53. Guard pulleys on all punch presses running close to men working on presses. Guard emery machine 215. Cover gear No. 24. Cover gear Bliss 302, aisle wheel 357-347. Insist on men wearing goggles on all emery wheels, place signs to that effect.

August 31, 1917.

DETROIT STORE FIXTURE Co.—At once guard band saw on second floor. Provide proper wrought iron guards for emery wheel on second floor.

October 19, 1917.

DETROIT TOOL Co.—At once guard J. & L. machine.

April 27, 1917.

DETROIT TRAILER Co., INC.—At once provide guard rail for pump, board guard on screen for motor belt, and wrought iron guards for emery wheels.

September 6, 1917.

DETROIT TRUST Co.—At once provide sanitary toilet for the use of the females employed by the Wolverine Creamery Products Company at 465 Woodward Ave.

May 9, 1917.

DETROIT TRUST Co., AGENTS.—At once erect fire escape on four story brick building No. 570 to 590 Franklin Street, same to be built on east and west sides of building and according to State specifications.

July 24, 1917.

DETROIT VAPOR STOVE Co.—At once place guards on all lower pulleys. Guard pulleys and large wheels on all gear presses. Put guard on gears on planer and emery wheels in tool room.

April 5, 1917.

THE DETROIT WORKS.—At once guard lower wheel of band saw.

November 9, 1917.

THE DETROIT WORKS.—At once install suction fan over furnace to remove gases.

October 26, 1917.

DETROIT WIRE SPRING Co.—At once provide proper wrought iron guard for emery wheel on fourth floor. Remove exposed set screws on counter shaft on LeBlond milling machine in machine repair shop.

January 21, 1918.

DIXON BROTHERS.—At once install separate toilet for use of females at No. 1641 Joseph Campau Avenue.

September 17, 1917.

DODGE BROTHERS MOTOR CAR Co.—At once guard pulleys on machines 5871-5872, Dept. 17. Guard all lower pulleys. Guard wheel running machine 5022, Dept. 40. Guard large wheels, machine 5021. Cover gears lathe 113, Dept. 60. Place signs opposite all stairways where women are working on third floor, and also on fourth floor directing way to fire escape.

April 13, 1917.

DURAND CLEANERS & DYERS.—At once discontinue employing females longer than ten hours in any one day or longer than fifty-four hours in any one week.

November 9, 1917.

EAST SIDE CREAMERY Co.—At once guard pulleys and large belts on churns. Guard large belts and wheels on ice machines.

October 18, 1917.

ECLIPSE INTERCHANGEABLE COUNTERBORE Co.—At once guard all belts and pulleys on all machines where women work. Guard belt on hand milling machines. Guard pulleys on rotary grinders. Guard all lower belts and pulleys.

May 25, 1917.

THE EDMUNDS & FULTON Co.—At once replace all dangerous square head set screws with safety ones. Do not permit employes who are under 18 years of age to work over an average of nine hours a day or fifty-four hours per week.

January 3, 1918.

EDMUNDS & FULTON Co.—At once properly designate women's toilet room and provide a proper entrance to same. Procure and keep on file working permits for all employes under sixteen.

February 19, 1918.

EDMUNDS & JONES CORPORATION.—At once discontinue employing females to operate or use any buffing, polishing or emery wheels.

August 27, 1917.

ENTERPRISE FOUNDRY Co.—At once box up all electric switches.

August 14, 1917.

EVERITT BROTHERS.—At once guard small dynamo. Box belt running from engine room. Put gate on elevator.

November 27, 1917.

EVANS WINTER HEBB, INC.—At once discontinue employing females longer than ten hours in any one day or longer than fifty-four hours in any one week.

March 1, 1918.

FAULL, WILLIAM H.—At once discharge boy in your employ under fifteen years old. Do not permit any boy under sixteen years of age to work without a permit.

October 10, 1917.

FEDERAL BRASS WORKS.—At once remove all exposed set screws on emery wheels No. 1 and 2. Remove exposed set screws on machines No. 65, 62 and 9, in machine shop.

September 26, 1917.

FEDERAL CARBONIC Co.—At once erect platform with guard rail for adjusting belts of pulleys on sand hopper machine. Erect guard rail around pit of sand elevator and guard rail around crank shaft and fly wheel of engine. Repair low water alarm on Henze boiler.

April 26, 1917.

FEDERAL MOTOR TRUCK Co.—At once guard all belts and pulleys on drill presses in machine shop near floor. Replace guard on emery wheel on second floor. Provide hand rail on rear stairway. Guard bevel gears on machine No. 40 in bench.

April 27, 1917.

FERRO STAMPING & Mfg. Co.—At once equip with safety guards all punch presses where it is necessary for operator's hand to come in contact with dies. Provide exhaust system to carry off fumes and gases from oven on first floor, also blower system for grinding wheels, as provided for by Section 16 of State Law.

August 22, 1917.

FINK, W. M. OVERALL Co.—At once cover gears on lathe.

April 26, 1917.

FISHER BODY CORPORATION.—At once repair blower system on polishing wheels so as to produce a velocity of air of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in a U-shaped tube.

September 28, 1917.

FISHER BODY CORPORATION, PLANT 10.—At once provide proper wrought iron guards for emery wheel No. 747, also guard band saw No. 1324.

October 8, 1917.

FISHER BODY CORPORATION.—At once guard emery wheel 14 K. 5; guard band saw 1264; guard lathe 492 in disc room; guard saw No. 3163; guard band saw 556, also belts on floor on same.

October 8, 1917.

FISHER BODY Co., PLANT No. 14.—At once guard rail on dynamo machine No. 57. Keep all electric wires off floor in mill. Guard large wheels on Toledo punch press 94-E. Keep obstructions away from all starting switches. Box all lower belts and pulleys on passageways.

October 15, 1917.

FISHER BODY CORPORATION.—At once have guards put on all emery wheels and extend blower to all emery and buffers at once.

October 29, 1917.

FISHER ELECTRICAL WORKS.—At once guard drill press on first floor; also lathe on first floor. Provide proper wrought iron guard for emery wheel on first floor.

October 4, 1917.

FORD, J. B. CHEMICAL Co.—At once provide hand rail and wider platform around mixer, second floor, north wing. Place guard around scale motor drive, third floor, north wing. Provide guard for open door, second floor, rotary room, also rail around shafting gears, and convey or in rotary room, third floor. Place rail around all platforms in process.

December 19, 1917.

FORMAN, THOMAS Co.—At once flush out and clean up the floor of men's toilet and keep same in a sanitary condition at all times.

October 19, 1917.

FOUNDRY & MACHINE PRODUCTS Co.—At once cover gears on gear shapers; keep obstructions away from all electric starting switches at all times. Guard all dangerous places.

July 6, 1917.

FOX, MAURICE W. & Co.—At once install a blower system to take away the dust from buffing wheel.

May 23, 1917.

THE FROLICH GLASS Co.—At once cover bevel gears on paint mixer machines. Remove all obstructions leading to fire escape. Place windows at fire escape in good working order.

August 21, 1917.

FRUEHAUT TRAILER Co.—At once box electric switch. Cover gears on drill presses. Put safety gate on ground floor elevator shaft.

October 18, 1917.

THE FULLER Co.—At once guard all lathes in shop.

April 27, 1917.

GARNER, G. V.—At once arrange the hours of your female employes to conform to the 54-hour law.

July 26, 1917.

GEMMER MFG. Co.—At once remove all exposed set screws on shafting; guard belt and pulley on bandsaw. Provide proper wrought iron guards for emery wheels, second floor, new building. Guard belt and pulley operating fan near the floor. Place elevator gate on third floor in good working order.

October 15, 1917.

GENERAL ALUMINUM BRASS MFG. Co.—At once box all electric switches lower than 6 feet from floor. Cover gears on lathes. Box belts on passageways.

August 21, 1917.

GENERAL ICE DELIVERY Co. (Michigan Ave. Plant).—At once erect pipe rail guard around motor drive and fly wheel of engine.

May 24, 1917.

GENERAL OFFICES OF PERE MARQUETTE RY. Co.—At once provide sufficient toilets for the use of your female employes; at least one for every 25 persons.

October 3, 1917.

GODDARD TOOL Co.—At once guard all exposed set screws. Guard belts on cut off saws. Do not employ boy under sixteen years of age.

November 8, 1917.

**GOODNOW POWER BLOCK.**—At once place and provide automatic gates at all elevator openings in building now occupied by Michigan Machine Company and others.

May 15, 1917.

**GRANT SILVER PLATING Co.**—At once provide blower system for polishing and buffing wheels; also blower system to be constructed as provided by Sections 27-28-29 and 30 of the State law governing the operation of polishing and buffing wheels.

July 11, 1917.

**GRAND UNION TEA Co.**—At once provide a separate toilet for the use of your female employes.

April 11, 1917.

**GRAY-HAWLEY Co.**—At once procure and keep on file in your office working permits for all children under the age of sixteen years.

May 17, 1917.

**GRAY-HAWLEY Co.**—At once provide blower for dry grinding wheel and guard motor belt.

October 15, 1917.

**GREENFIELD YARD.**—At once provide separate toilet for female in your employ. Do not permit her to work for a longer period than 54 hours in any one week.

August 23, 1917.

**GRETOW, H.**—At once cover gears on sander machine.

August 27, 1917.

**HAHN MACHINE SPECIALTY Co.**—At once guard emery wheels. Cover gears on lathe. Guard lower pulleys.

July 23, 1917.

**HAMMOND-STANDISH & Co.**—At once repair No. 2 elevator gates on second and third floors.

May 8, 1917.

**HANFORD-JESSE PRINTING Co.**—At once provide screen guards for fly wheels on two Gordon printing presses. Guard or remove key on hub of hand feed press.

July 13, 1917.

**HANSON TOOL & DIE Co.**—At once guard all exposed set screws on shafting, also gears on drill presses.

June 8, 1917.

**HARRIS, MONROE.**—At once clean toilet and basement stairway.

August 2, 1917.

**HAYES MFG. Co.**—At once repair low water alarm on boiler No. 2, also holes in floor, cutting Dept. No. 4. Provide guard on alley door, second floor, Dept. 12, sample room side.

September 13, 1917.

**HARCUS & Co.**—At once guard bandsaw on second floor.

April 24, 1917.

**HEVEL, WILLIAM, TAILOR.**—At once discontinue employing females for a period longer than 10 hours per day or longer than 54 hours per week.

June 8, 1917.

HEHL MFG. Co.—At once repair and put in sanitary condition the toilet on second floor of building occupied by the Hehl Mfg. Co., at 140 East Fort Street.

January 3, 1917.

HINES MFG. Co.—Reinforce center line of shafting by strapping horizontal timbers to beams and providing three or more upright supports to roof of building to help carry weight of shafting and pulleys.

July 11, 1917.

HOENSHEID STEEL TREATING Co.—At once erect an iron guard rail around air compressor. Install blower system and connect with sand blast to carry off noxious odor, gas, etc.

June 4, 1917.

HOLLIDAY Box Co.—At once repair low water alarm and keep same in good condition at all times. Provide ventilating fan for engine room to carry off heat and foul air to outside of building.

December 19, 1917.

HOLSBEKE, MR. C. V.—At once arrange hours of female in your employe so as she will not work over ten hours in any one day nor more than fifty-four hours in any one week.

April 26, 1917.

HOMER-WARREN Co.—At once provide separate toilet for the use of the females employed by the Wolverine Printing Co. at 27 West Montcalm.

August 30, 1917.

HOUSE OF THE GOOD SHEPHERD, LAUNDRY.—At once guard set keys on washing machines in laundry, also guard belt and pulley and exposed gears on collar ironer. Remove exposed set screws on shafting in machine shop. Guard sprocket chain and wheel and belt on cream separator.

September 6, 1917.

HUPP MOTOR CAR Co.—At once box all lower belts and pulleys throughout plant. Box belt and wheel on machines 147-148-149. Box large belt machine 143. Guard all electric switches lower than 6 feet from floor. Guard emery wheel, Dept. XX. Put fire escape on fourth floor where women are employed.

August 27, 1917.

INLAND DELRAY SALT Co.—At once box in belting of sewing machine. Repair holes in floor of S. M. room. Erect iron guard rail around drive for Carton machine also around water spill. Place wire guard over holes in floor in bag filing department. Repair low water alarm on boiler No. 8.

June 15, 1917.

IMPERIAL WELDING Co.—At once provide wrought iron guards for emery wheels, also provide a proper hood over open furnace to carry away gases.

December 26, 1917.

THE IRELAND MATHEWS MFG. Co.—At once provide high stools for girls at work in Dept. 25. Place exit signs at stairs in center of building on all floors directing way out.

September 7, 1917.

ISKO, INC.—At once put guards on all emery wheels. Guard all lower pulleys. Build a safe guard on circular saw and wheel. Place sign at grinders for men to wear goggles working on grinders.



August 24, 1917.

THE ITALIAN PUBLISHING Co.—At once cover gears on two presses.

September 4, 1917.

JONES-REGAN Co.—At once place a higher hood on meat chopper machine to prevent one operating machine from getting their hand in knife while machine is in operation. Do not permit males under eighteen years of age to operate dangerous machinery.

November 19, 1917.

THE KENNEDY & GREIG Co.—At once guard drill press, four lathes, emery wheel, all in machine shop.

January 20, 1917.

KENT, C. A., OWNER.—At once erect fire escape on rear of building No. 190-192, Jefferson Avenue, East. Balconies of fire escape to be four feet wide and take in two or more windows of each floor above the first; cut down one window on each floor even with platform of balconies and install doors to swing outward. Fire escape to be built to conform with State specifications.

August 31, 1917.

KRAMER, H. & Co.—At once guard metal cutting machine at International Stamping Company's Plant.

December 6, 1917.

KROGER GROCERY & BAKING Co.—At once provide proper separate toilets for use of your men and women employes at 394 Grand River Ave. Provide stools for use of women in their leisure time. Keep store heated to at least 70 degrees. Drain and keep basement in a sanitary condition.

March 20, 1917.

KROLIK & Co.—At once erect fire escape on rear of building No. 190-192 East Jefferson Avenue. Balconies of fire escape to take in two or more windows at each floor above the first; balconies to be at least four feet wide. Cut down window on each floor and install doors to swing outward. Fire escape to be built according to State specifications.

October 4, 1917.

KRUCZ, E. J. & Co.—At once remove all exposed set screws, also guard all machinery.

July 11, 1917.

LAKESIDE FOUNDRY Co.—At once have toilets and washroom put in sanitary condition and kept so.

July 12, 1917.

LAMEASURE BROTHERS.—At once provide lock on small D. C. machine in D. C. Dept. Install automatic gate on elevator at second floor; also provide low water alarm on boiler. At once prevent boy under 18 years of age to operate elevator.

October 1, 1917.

THE LANGTRY MACHINE & TOOL Co.—At once guard all exposed gears on all lathes, machines and drill presses. Guard all large overhead belts on motors. Remove all exposed set screws on shaftings. Provide hand rail for stairs.

October 3, 1917.

THE LAVIGNE MFG. Co.—Remove all exposed set screws on shafting. Guard all overhead motor belts. Guard all belts and pulleys on all lathes and machines on third floor.

August 3, 1918.

LEWELLYN BEAN Co.—At once discontinue employing children between the ages of fourteen and sixteen years to work without a permit.

July 9, 1917.

LIBERTY MOTOR CAR Co.—At once put tin guard between ceiling and furnace pipe in enameling room.

November 27, 1917.

LINCOLN MOTOR Co.—At once place guard rails around platform leading to boiler room. Guard all belts and pulleys near the floor and all dangerous machinery.

October 4, 1917.

LONDON LAUNDRY Co.—At once cover gears on starch machine and fix railing on stairs.

August 13, 1917.

LONG, N. G.—At once procure and keep on file working permits for all employes under sixteen years of age.

February 2, 1917.

LONG MFG. Co.—At once repair hoods and provide proper suction in blower pipes to carry off dust and lint from polishing and buffing wheels as provided for by Section 30 of the State Labor Laws. Keep on file working permits for all employes who are less than sixteen years of age.

August 24, 1917.

LONG MFG. Co.—At once increase suction in blower system so it will produce a velocity of air of at least nine thousand feet per minute or an equivalent suction or pressure equal to raising a column of water not less than five inches high in a U-shaped tube, in compliance with Section 30 of Act 285 of the Public Acts of 1909.

October 18, 1917.

LONG MFG. Co.—At once guard drill press D. S. 45 on second floor. Remove exposed set screws on countershaft on milling machine on second floor.

November 28, 1917.

LONG MFG. Co.—At once put new and larger hoods on buffing and polishing wheels.

October 3, 1917.

THE LOVELAND Co.—At once provide proper wrought iron guards for all emery wheels, also automatic gates for elevator openings and guard side of elevator shaft, first floor.

September 5, 1917.

LONYO BROTHERS.—At once repair low water alarm on Boiler No. 1.

July 25, 1917.

MCCORD MFG. Co. PLANT No. 4.—At once guard gear and pulley on spacing machine. Put guard on gears, crimping machine.

September 7, 1917.

MCENALLY, MRS. A. W.—At once provide a separate toilet properly designated for the use of your female employes.

February 8, 1918.

THE MCRAE & ROBERTS BRASS Co.—At once clean out blower and provide better suction in the exhaust fan system, so that it will draw a column of water five inches high in a U-shaped tube to comply with blower system law.

April 13, 1917.

MACHINE, S. A. Co.—At once provide safety guard for punch presses. Guard motor belt and provide hood and blower for disc grinder.

August 13, 1917.

MANZELMAN BROOM MFG. Co.—At once box broom scraper when not in use.

April 17, 1917.

MARCH, GEORGE, MFG. Co.—At once clear passageway to fire escape on all floors and keep free access to same at all times.

August 16, 1917.

MARK BRASS FOUNDRY.—At once box electric starter and build guard on circular saw.

August 7, 1917.

MASSACHUSETTS LAUNDRY Co.—At once place all toilets in proper sanitary condition. Guard pit in rear of boiler. Keep all extractors properly guarded. Guard belt running through second floor.

May 1, 1917.

MAJESTIC CANDY Co.—At once procure and keep on file working permits for all children under sixteen years of age.

September 4, 1917.

MERCIER-BRYAN & LARKIN.—At once guard emery wheels in machine shop. Erect iron rail guard around fly wheel of engine.

November 30, 1917.

METROPOLIS LAUNDRY Co.—At once install a toilet for lady employes and keep the one now in use more clean and sanitary.

September 4, 1917.

METROPOLITAN MFG. Co.—At once remove all exposed set screws on shafting and properly guard belt and pulley on motor.

August 6, 1917.

MEYER AUTO ACCESORY Co.—At once guard gears on drill press, lathe and emery wheels.

August 20, 1917.

MICHIGAN CENTRAL TRANSFER HOUSE, JUNCTION YARDS.—At once discontinue the employment of females to work for a longer period than 9 or 10 hours in any one day or more than 54 hours in any one week.

October 22, 1917.

MICHIGAN CIGAR BOX Co.—At once have working papers and certificate of all under age workers on file.

August 3, 1917.

MICHIGAN ELECTRIC WELDING Co.—At once put guards on all lower pulleys and belts on passageways.

May 24, 1917.

MICHIGAN GRAY IRON CASTINGS Co.—At once place toilet in foundry in good clean condition and keep the same in such condition at all times.

May 22, 1917.

MICHIGAN LUBRICATOR Co.—At once provide proper suction in blower pipes in polishing and buffing room to comply with Section 30 of State Law. Repair exhaust system in grinding room to carry off dust and provide proper suction for same.

November 21, 1917.

MICHIGAN LUBRICATOR Co.—At once do not permit females in your employ to use or operate felt or emery wheels, etc., to comply with Section 31.

June 6, 1917.

MICHIGAN LUMBER YARD.—At once guard upper and lower wheels of bandsaw. Provide proper wrought iron guards for emery wheels.

November 8, 1917.

MICHIGAN MACHINE Co.—At once guard motor belt overhead. Place elevator gate in safe condition. Remove all exposed set screws on shafting, all in plant No 1. Place and provide automatic gates at elevator openings, plant No. 2, corner Fourth and Porter Streets.

April 20, 1917.

MICHIGAN MOTOR SPECIALITIES Co.—At once provide safety guards for all punch presses.

August 23, 1917.

MICHIGAN OPTICAL Co.—At once install low water alarm on boiler in place of old one.

May 15, 1917.

MORRISON BROTHERS.—At once provide hand railing for stairway leading to basement toilet; provide light and place room in sanitary condition.

June 8, 1917.

MODERN DIAMOND TOOL Co.—At once guard belt on motor, also bevel gear on drill press.

May 25, 1917.

MONARCH MFG. Co.—At once improve blower system in polishing and buffing department to comply with Sections 29 and 30 of State Law which requires a suction of air in branch pipes equal to raising a column of water five inches high in a U-shaped tube. Construction of pipes to conform with Sections 27-28-29 and 30 of the law governing fans and blowers.

March 14, 1917.

MONROE PAPER STOCK Co.—At once remove all obstructions in passageway to fire escape and keep same clear at all times.

September 24, 1917.

MOYER SHAW MFG. Co.—At once provide wrought-iron guards on all emery wheels.

August 7, 1917.

MICHIGAN STAMPING COMPANY.—At once cover gears on lathe 120. Cover bottom of gear on punch press 367. Cover gears on wiring machine, also on machine 243 and punch press 623 and 705. Guard all lower pulleys and belts on passageways throughout factory. Guard pulleys on punch press 41, 699-691-702-688-696-698 and 686. Box belt on Air machine. Place guard around hole in floor at punch press 30. Guard large belt and wheel on punch press 703-704. Guard passage between machine 47 and punch press 206.

December 18, 1917.

MICHIGAN STORE FIXTURE Co.—At once remove or cover all exposed set screws. Guard all machinery.

May 18, 1917.

MICHIGAN TOOL Co.—At once guard gears on lathes and provide shield for motor belts on main shaft.

November 14, 1917.

MICHIGAN WAREHOUSE Co.—At once put in proper working order safety gate on elevator, first floor.

February 19, 1918.

MILLER, DAVID, BAKERY.—At once provide working permit for boy in your employ under sixteen years old.

July 9, 1917.

M. & S. MFG. Co.—At once install guards on all emery wheels and on all exposed pulleys.

July 11, 1917.

MURPHY MACHINE Co.—At once repair steps and provide hand rail on rear stairs leading to factory.

November 27, 1917.

MURPHY MACHINE Co.—At once provide belt shifter on vertical milling machine just installed in new tool department. Provide a light in back stairs and keep burning during business hours.

October 8, 1917.

MURRAY, J. W. MFG. Co.—At once cover gears on all rimming and pincher machines, also on wiring machine. Put hoods on enamel tanks. Keep space clear around starting boxes. Guard emery wheels. Guard wheels on all punch presses.

September 10, 1917.

NATIONAL BAKING Co.—At once install new low water alarm on boiler in place of old one.

October 15, 1917.

NATIONAL CAN & RADIATOR Co.—At once guard all belts and pulleys on machines where women work. Cover gears on lathes. Guard pulleys and gears and box belts on tubes 1-2-3-4 and 5. Box all electric switches lower than six feet from floor. Fix toilets on second and third floors and make same more sanitary.

August 24, 1917.

NATIONAL MACHINE PRODUCTS Co.—At once cover gears on automatic screw machines. Cover gears on lathes, first and second floors. Guard lower pulleys and belt on K. 1. Guard big gears on punch press 3. Guard lower pulleys on all passageways.

October 22, 1917.

NATIONAL TWIST DRILL & TOOL Co.—At once provide proper wrought iron guards for emery wheel in cutting department. Install new low water alarm on boiler in place of old one.

February 7, 1918.

NEWTON PACKING Co.—At once arrange a schedule of hours for your female employes not to exceed ten hours per day or fifty-four hours in any one week.

January 16, 1918.

NEW YORK CENTRAL FREIGHT HOUSE.—At once provide working permit for one female in your employ and keep on file in this office. Do not permit her to work for a longer period than 48 hours in any one week. Allow no males to use females toilet.

May 17, 1917.

NORTHWESTERN MOTOR SALES & SERVICE Co.—At once repair and place elevator gates in good working order.

August 20, 1917.

OELMAN MACHINE Co.—At once provide proper wrought iron guards for all emery wheels. Remove all exposed set screws. Guard all machinery.

November 30, 1917.

O. K. LAUNDRY.—At once provide covers on all extractors. Guard gears on mangle machine.

October 1, 1917.

OLDS LAUNDRY Co.—At once cover all stripped gears on washing machines and put suitable guard on engine wheels, second floor. Cover all belts and pulleys.

October 18, 1917.

O'NEIL MFG. Co.—At once guard drill press in blacksmith shop; also guard saw planer on first floor. Guard belts on shaper on first floor. Provide handrails for stairways from first to second floor. Remove obstruction from stairway on third floor. Place elevator gates in safe condition on second floor. Place toilets in a sanitary condition on third floor.

August 28-29-30-31, 1917.

PACKARD MOTOR CAR Co.—At once in Dept. C. cover gears on lathe 2668. Box lower pulley on machine 4118. Put hood on all enameling tanks Dept. L. A. Cover gears on machine 5307. Box belt and motor B 15. Dept. L. C. put blower on top of rip saw. Dept. O. D. F. cover gears on lathe 26. Dept. O. D. B. cover gears on lathe 5048. Dept. O. D. B. cover gears on machine 3814. Guard all lower pulleys in Dept. C. D. A. Dept. C. P. cover gears on lathes 4051-4053-405. Dept. C. D. B. box all lower pulleys and belts, cover gears on milling machine 2495. Box electric switch D 70. Cover pulley and gear machines 915-919-5423. Box switch C69-CF. G. Guard lower pulleys Dept. C. Dept. A. M. fix blower on Heal Grinder. Guard lower belts and pulleys on Heal Grinders 4693-4694. Dept. D. H. box large belt on motor E. 45. Cover gears on lathe 373-1702. Box wheel and gear on rolling barrel, Dept. B. E. division, box large belts on punch presses. E. H. box large belt on motor; guard all large pulleys on passageways, guard both sides large wheel machine 2782 E. H. Guard all large wheels in drop forge, Dept. D. O. Guard large belt and wheel on machine 5361, side belt and pulley on 4655. Dept. D. S. Guard belt and pulleys machines 2031-2032. Cover gears on gear shaper 4015-4016. Cover top gears on beveled gear cutters 2055-2051-2058-2060-5451. Cover gears on gear cutter 5453. Dept. D. R. box lower pulleys, machine 1902. Dept. P. F. box belt machine 4699. Dept. P. B. keep covers on gears on all lathes. Keep doors leading to fire escape open during working hours. Guard all belts and dangerous pulleys where women are working and pulley machine 4536-4538. Dept. D. O. Box large belt on machine 5711-4775 and all lower pulleys. Box electric switch F. 77. Dept. D. J. repair machine 1821, guard gears on 1874. Dept. D. H. cover gears on machines 606-608-637-648. Cover electric switch box, belt and wheel 3447. Dept. D. A. guard large belt, machine 2581. Cover gears on lathe 1830-685. Box pulley 2057-4580. Dept. E. D. cover gears on bulldozer. Dept. H. cover gears on muffler, roller and guard emery wheels. O. H. put guard on emery wheel. Dept. O. D. C. cover gears on drill press 3799. O. D. A. box lower pulley, machine 5645.

July 5, 1917.

PAGE MOTOR CAR Co.—At once place sign center of fourth floor directing way to fire escape. Keep passageway leading to fire escape clear of all obstructions at all times.

September 5, 1917.

PARRISH MFG. Co.—At once guard pulley machine No. 4; cover gear lathe 108; guard gears on emery wheels; guard space between machines 99-17; guard pulley machine 104; cover all gears on Maxwell Press 61.

September 11, 1917.

**PARKER RUST PROOF Co. OF AMERICA.**—At once box all electric switches lower than 6 feet from floor. Cover gears on pipe threading machine.

July 12, 1917.

**PARSONS MFG. Co.**—At once guard or remove all exposed set screws on shafting. Provide proper guards for all emery wheels.

September 5, 1917.

**PASCHKE, AUGUST & SONS.**—At once cover gears on planer. Guard lower pulleys on passageways. Box belt on planer.

January 14, 1918.

**PELTON & CRANE Co.**—At once increase suction in blower system on polishing and buffing system so it will produce a velocity of air of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to using a column of water not less than five inches high in a U-shaped tube.

January 11, 1918

**PELTON HARDWARE Co., THE.**—At once provide guard for rip saw in your factory.

July 9, 1917.

**PENINSULAR BRASS WORKS.**—At once cover or remove all exposed set screws on shafting. Provide proper wrought iron guards for emery wheels.

February 13, 1918.

**PERE MARQUETTE FREIGHT DEPT.**—Thoroughly clean walls of women's toilet room.

October 22, 1917.

**PETERS, DYERS & CLEANERS.**—At once cover gears on washing machine. Place rail guard on dynamo.

September 6, 1917.

**PETER SMITH HEATER Co.**—At once place guards on all emery wheels. Guard large wheel on punch press 92 B. Box switch on spot welder. Cover gears on big drill press. Cover gears on rolling machine. Install new and more sanitary toilet for factory.

October 25, 1917.

**PHOENIX WIRE WORKS.**—At once cover gears on all weaving machines on first floor. Have toilets and wash basins cleaned and kept in a sanitary condition at all times.

August 17, 1917.

**PITTMAN & DEAN ICE PLANT.**—At once build guard on all starting switches.

May 7, 1917.

**THE PINGREE Co.**—At once remove all exposed set screws on shafting on fifth and seventh floors. Remove obstructions on seventh floor in stairway and place toilets in a sanitary condition on same floor.

August 27, 1917.

**PORCELAIN ENAMELING Co.**—At once put guard on emery wheels.

March 21, 1917.

**POSTAL TELEGRAPH Co.**—At once arrange the hours of your female employes to conform to the 54-hour law and procure and keep on file permits for all employes under 16 years of age.

May 4, 1917.

PRECISION INSTRUMENT Co.—At once provide and keep guarded emery wheels. Guard coupling on line shaft and drive wheel on printing press.

December 31, 1917.

PROGRESSIVE LAUNDRY Co.—At once shut down steam and repair your upright boiler, also valves that are out of order. Connect your blow off pipes in alley with sewer. Tighten up hanger on main line shaft and keep laundry in a clean and sanitary condition at all times.

June 6, 1917.

PROGRESSIVE WET WASH LAUNDRY.—At once remove all exposed set screws on shafting. Do not permit males in your employ to work on dangerous machinery when such males are under 18 years of age.

May 4, 1917.

RAULET & NICHOLSON.—At once provide guards for gears on 12-inch lathes. Replace square head set screws on counter shaft with safety ones.

September 11, 1917.

REEG, F. L. Co.—At once place women's toilet and dressing room in a sanitary condition and mark toilet, For Women Only.

October 5, 1917.

REGAL MOTOR CAR Co.—Guard all emery wheels, also lathe 53, 5 and 6.

September 6, 1917.

RESTRICK LUMBER Co.—At once provide proper guard for rip saw.

March 8, 1917.

RIKETT LAUNDRY.—At once discontinue employing female help for a period longer than 10 hours in any one day or longer than 54 hours in any one week.

August 24, 1917.

RICKETTS LAUNDRY.—At once install low water alarm on boiler in place of old one.

August 20, 1917.

ROBERTS TUBE WORKS.—At once discontinue the working of all boys in your employ under 18 years of age upon dangerous machinery

October 11, 1917.

ROBINSON AUTOMATIC MACHINE Co.—At once guard lathe No. 2 and 3 on first floor.

April 9, 1917.

ROBINSON & COHEN.—At once discontinue employing females for a period longer than 10 hours in any one day or longer than 54 hours in any one week.

July 18, 1917.

ROGERS, C. E.—At once provide guards for emery wheels in iron working department.

April 27, 1917.

ROLLER MILL WORKS.—At once guard end gears on lathe.

November 16, 1917.

ROSS & WOOD.—At once place toilet in a sanitary condition.



April 10, 1917.

THE ROYAL CONE Co.—At once box in belts and motors on floor of cone making department. Provide separate toilets for the use of both sexes and designate same by printed notices.

July 10, 1917.

RUBY, ALFRED J., INC.—At once properly designate women's toilet.

September 26, 1917.

SAND, J. & SONS.—At once remove all exposed set screws on shafting.

June 8, 1917.

THE SANITARY STEAM FLAT IRON Co.—At once guard belt on motor. Remove exposed set screws on shafting. Cover open gears on machine. Provide proper wrought iron guard for emery wheel.

June 8, 1917.

SAUER BROTHERS.—At once cover all exposed gears on machine.

October 19, 1917.

SCHLIEDER MFG. Co.—At once provide proper wrought iron guards for emery wheel on second floor. Guard lathe on second floor.

September 11, 1917.

SCHWEPPER & WILT MFG. Co.—At once guard all lower belts and pulleys on passageways. Guard wheel on punch press 76.

January 23, 1918.

SCOTT BROTHERS.—At once provide artificial lights for all front stair landings. Repair water pipe for flush for closets etc.

August 6, 1917.

SCOTTEN DILLON TOBACCO Co.—At once repair low water alarm on boiler No. 14.

July 31, 1917.

SCOTT, FRANK G., INC.—At once cover one exposed set screw. Provide hand rails for all stairways. Keep on file working permit for one boy under sixteen years of age.

June 12, 1917.

SEARIGHT-DOWNS.—At once provide safety guards for punch presses.

October 26, 1917.

SERVICE TOOL & MACHINE Co.—At once build closet and wash room in factory for use of men.

August 20, 1917.

SEWELL CUSHION WHEEL Co.—At once box lower belts and pulleys throughout plant. Guard wheel on boring machine. Guard shaft and belt on milling machine. Cover gears and box belt on drills, second floor. Cover gears on rim planer. Cover gears on stretching machine. Adjust safety rods on hand elevator.

February 7, 1918.

SHAPIRO ANTIQUE Co.—At once provide spreader and guard for rip saw. Provide proper guard for jointer knives in cabinet shop. Guard end of shaft on wood drill, also guard hole in first floor and guard belt carrier. Provide better suction in blower to take away the dust from all dust creating machinery.

September 12, 1917.

SCHLAIN, JACOB.—At once place toilet in a sanitary condition. Place elevator gates in safe condition on second floor.

June 4, 1917.

SHULER AXLE MFG. CO.—At once guard all belts and pulleys near floor on drill presses. Provide proper wrought iron guards for emery wheels. Remove exposed set screws and revolving oil cups on counter shafting.

August 15, 1917.

SIBLEY LUMBER Co.—At once box belt and guard lower pulleys on matcher and planer.

May 9, 1917.

SIEVERS & ERDMAN Co.—At once clear way to fire escape in color varnish department on fourth floor and designate way to same by printed notices. Provide ladder from mold room to roof of lower building on east side. Provide one more exit from cutting and sewing room.

September 27, 1917.

SILVER SPRINGS WATER Co.—At once provide hand rail for basement stairs.

June 12, 1917.

SMITH, HUGO N., PICTURE FRAME Co.—At once provide guard for upper and lower wheel of bandsaw, also hand rail for stairway leading to second floor.

February 18, 1918.

SMITH, JOSEPH N.—At once install blower on grinders and buffers on second floor.

October 16, 1917.

SMITH, JOSEPH N. Co.—At once guard all lower belts and pulleys. Put guards on all emery wheels. Cover gears on machines 198-199-200-201-189-92-97. Guard all electric starting boxes lower than six feet from floor. Guard large wheel on first floor No. 56. Cover gears and guard pulleys on No. 148. Guard large wheel 130-115. Guard dynamos 405-40.

July 13, 1917.

SNYDER-BARR SCREW Co.—At once provide proper wrought iron guards for all emery wheels. Remove all exposed set screws on shafting.

May 10, 1917.

SPEAKER HINES PRINTING Co.—At once provide guard for drive wheel on press No. 13 on second floor.

May 2, 1917.

SPRINGFIELD BODY Co.—At once guard all belts and pulleys near floor. Provide guard for ripsaws, also guard emery wheel in saw room. Provide proper guards for jointers.

May 5, 1917.

STANDARD COMPUTING SCALE Co.—At once provide proper suction in blower system in polishing and buffing department, as provided for by Sections 27-28-29 and 30 of State Law governing fans and blowers. Provide shield for motor belt on second floor.

October 16, 1917.

THE STANDARD LAUNDRY Co.—At once guard fly-wheel on engine. Repair low water alarm on boiler. Repair stairs leading to basement, and place basement in a sanitary condition. Keep extractor properly guarded at all times.

June 22, 1917.

**STANDARD PLATING WORKS.**—At once provide toilet for employes of polishing and buffing room, also increase suction of blower system in polishing department to carry off dust and lint from wheels to outside of building, as required by State Law which requires a suction sufficient to raise a column of water five inches high in a U-shaped tube.

August 24, 1917.

**STANDARD SCREW PRODUCTS Co.**—At once cover electric switches lower than six feet from floor. Cover gears on all automatic machines. Cover gears on Gridley, big automatic No. 8. Guard all aisle pulleys not equipped with arm.

April 17, 1917.

**STECKER ELECTRIC Co.**—At once provide one or more toilets for the use of female employes in assembling department.

June 1, 1917.

**STERLING MOTOR Co.**—At once repair elevator gates on the north end of building and keep the same in good working condition at all times.

October 18, 1917.

**STERLING & SKINNER.**—At once repair blower system on polishing and buffing lathes so it will produce a velocity of air of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in a U-shaped tube.

March 4, 1917.

**STERN, MILFORD, OWNER FREE PRESS BLDG.**—At once erect fire escape on building occupied by Ackerman & McNamara, Corner DeBois & Franklin Street, same may be built on front or rear of building and according to State specifications.

September 20, 1917.

**STEWART-WARNER SPEEDOMETER CORPORATION.**—At once provide a proper wrought iron guard for emery wheel.

May 9, 1917.

**STOCKER MFG. Co.**—At once place toilet in sanitary condition and provide proper light for same.

April 23, 1917.

**STROH CASTING Co.**—At once provide proper wash room in building now occupied by Stroh Casting Company, and also provide toilets for separate use of male and female employes and designate same.

April 23, 1917.

**STROH CASTING Co.**—At once place all toilets in sanitary condition and keep same in such condition. Keep guard on jointer in pattern room.

January 26, 1917.

**STUDEBAKER CORPORATION.**—At once provide exhaust system on lower floor of plant No. 10 to carry off fumes and smoke to outside of building.

August 10, 1917.

**STUDEBAKER CORPORATION, PLANT No. 2.**—At once place guard rail across door on second floor, Dept. 13, building No. 2. Guard emery wheels, equipment No. 2179, Dept. 13, second floor, building 2.

October 15, 1917.

**THE STUDEBAKER CORPORATION.**—At once guard drill press No. 142, Dept. 17. Guard lathe No. 169-249-642-2772 in Dept. No. 4. Guard lathe No. 2626, 466, also drill press No. 776, 2785. Guard Arbor Press No. 712, Department No. 1. Guard

lathe No. 1336, 2379, 429. Guard drill press No. 6939 in Dept. No. 2 A. Guard Potter & Johnson No. 2424 and lathe No. 250 and branch 253, Dept. 3. Guard lathe No. 159 in Dept 12. Guard lathe No. 2053 in Dept. 15. Guard drill press No. 454-604-1131, Dept 11. Guard milling machine No. 96, also lathe No. 272 and 2053; drill press No. 1-2365-4648-1202 in Dept. 15.

February 14, 1917.

STURDEVANT-MURRY MFG. Co.—Provide exhaust fan in paint department on first floor to carry off fumes of paint and oils to the outside of building. Regulate the working hours of all males under the age of 18 years and all females in your employ to conform with Section 9 of State Labor Laws. Keep posted near time clock a copy of said law.

July 19, 1917.

SULLIVAN PACKSON Co.—At once provide guards on emery wheels in carpenter and machine shop. Repair automatic gate on elevator, fifth floor, new building, also repair safety gate on elevator, warehouse No. 1. Provide working papers for boys under 16 years of age.

December 31, 1917.

SUMMERFIELD & HECHT.—At once put in proper working condition safety gates on elevator at fourth floor.

December 27, 1917.

SUPERIOR MACHINE & ENGINEERING Co.—Remove or cover exposed set screw on Machine 72, first floor, also lathe No. 60 on second floor. Guard lathe No. 8, second floor and lathe No. 18, second floor, also drill press No. 109 on second floor.

March 6, 1917.

TIETZ, L. & Co.—At once procure and keep on file working permit for fifteen year old girl in your employ at 181 Griswold Street.

May 7, 1917.

THIERY & KENDRICK MFG. Co.—At once provide blower system and hoods for all dry grinding wheels to carry off dust created by same.

April 27, 1917.

THOMPSON, F. A. & Co.—At once put a cap on fan shaft. Cover gears on coating fans. Guard pulley on all passageways. Box all electric switches.

October 9, 1917.

THOMSON, L. A.—At once guard all belts and pulleys operating circular saw in shop.

July 10, 1917.

TIMKEN, DETROIT AXLE Co.—At once provide reversible guards on all emery wheels of cutter machine. Install automatic safety gates on all elevators. Place sign on third floor about center of building directing way to fire escape. Clean toilets and urinals on all floors of factory daily. Rear axle Dept. fourth floor, at once prevent dropping of heavy axles and forgings which tend to loosen hangers, shafting and pulleys on ceiling below. Guard gears on Hill Clark boring machine on second floor, Dept. C. R. Guard gears on Bullard boring machine. Machine L-155, guard belting second floor, Dept. C. R. L. 81, also machine L-146. Attach to air pipe hose connection with blower system on machine F. D. dust conveyer in finished gear department, second floor. Guard gears on Sprocket Machine C-2, Gear Dept. G., second floor. Remove all exposed set screws on line shafting, third floor, tool room. Repair holes in floor, B. P. Dept. second floor, also Dept. C. R. 1. Install hood and blower system on disc to carry off noxious gas, dust, etc., in Dept. S. A., fourth floor, old building. Place lower guard on band saw about six inches in pattern Dept., third floor. Remove main drive motor from floor in south end of building, third floor. Guard gears on treadmiller, machine 135 M. Knuckle Dept. Guard gears on guard in drill press B-204, third floor N. end building. Guard center gears on drill press D. 115. First floor, guard large belts

on all passageways in Dept. M. 80. Place guard on gears on lathe No. 5. Build guard around oil tanks, Dept. 31. Guard gears on machine 400 and all lower pulleys on passageways. Second floor guard wheels and belts on duplex drills and all aisle pulleys, G-37. Third floor guard wheels on punch presses 2-3-5 also on Lo-Swing lathe 44-3A. Guard gears and pulleys 607-609-405-407, gears W. 273-41. Guard belt on 142 grinder, fourth floor. Place guards on all lower aisle pulleys and emery wheels. Guard gears on Machine 114, gear cutters, also on gears, lathes 7-8-19 and 3, and Fay lathe. Guard belt and wheel machine 676. Keep all obstructions away from all starting boxes and guard large wheel on No. 800.

November 1, 1917.

**TOWAR, WAYNE COUNTY CREAMERY.**—At once remove all exposed set screws on shafting. Provide proper wrought iron guards for emery wheels. Guard overhead motor belt. Guard belts and pulleys and sprocket chains on churns, also guard flywheels on air compressor. Guard flywheel on drill press, also belt and pulley on bottle elevator. Guard elevator pit in basement.

August 3, 1917.

**TRIANGLE MACHINE Co.**—At once remove all exposed set screws on shafting. Provide handrail for stairs from second to third floor.

August 3, 1917.

**TRYON CONFECTIONERY.**—At once discontinue employing females for a longer period than ten hours per day or fifty-four hours per week.

May 3, 1917.

**TURNER-MOORE MFG. Co.**—At once repair and place elevator gate in good working order. Guard all belts and pulleys on drill press near floor, also guard bevel gears on small drill press. Remove exposed set screws in counter shaft.

September 18, 1917.

**UNITED STATES NOVELTY Co.**—At once build guard around dynamo and box all electric starting boxes. Build new guards on emery wheels. Have goggles worn by men on grinders.

November 27, 1917.

**UNITED STATES PATTERN & MFG. Co.**—At once guard all machinery.

August 29, 1917.

**UNITED STATES RADIATOR Co.**—At once guard emery wheel and rip saw in boxing department and pulley of power cut-off saw. Guard gears and pulley on boring mill machine, north side machine shop. Guard pulleys on No. 9 C. punch press in blacksmith shop.

June 18, 1917.

**UNIVERSAL BUTTON FASTENING & BUTTON Co.**—At once provide proper wrought iron guards for all emery wheels. Remove all exposed set screws on shaftings. Guard belt and pulley on small pump, second floor. Guard exposed gears and fly wheel on scrap baler machine, press room.

January 7, 1917.

**VAN DAMMET BAKERY.**—At once cut hours of girls employed to comply with the State Law which states that a female shall not be employed more than 54 hours per week.

February 27, 1918.

**VAUGHN, WILLIAM H., Co.**—At once fill in space at all floors around elevator by securely fastening at least a two by four piece or strip of wood. Make all coverings for elevator more secure.

August 8, 1917.

VIVIANO MACARONI MFG. CO.—At once guard belt on mixer on first floor. Keep toilets in sanitary condition on first floor. Remove set screws on all shafting.

November 2, 1917.

WABASH RAILWAY COMPANY.—At once provide at least two or three additional toilets for female employes, and about three more for male employes. Provide another door or exit in rear of offices, second floor, leading to freight house, as a means of exit in case of fire.

July 25, 1917.

WADSWORTH MFG. CO.—At once put guard on emery wheels. Keep exits and passageways clear at all times.

October 30, 1917.

WALLICH, CHARLES J., CO.—At once cover gears on sticker machine. Keep obstructions away from all electric starting boxes.

October 17, 1917.

WALLACE, HUGH & CO.—At once guard lathe in carpenter shop.

August 3, 1917.

WALKER & CO.—At once provide proper wash and dressing room, also a sanitary water closet for the use of female employes.

September 5, 1917.

WALKER & FRANK BRICK CO.—At once repair low water alarm on boiler No. 1.

January 11, 1918.

WEBER, J. F.—At once install toilet for female use at 753 Gratiot Ave.

August 7, 1917.

WEBER, J. F.—At once provide proper guards for bandsaws on second floor.

August 3, 1917.

WELDED STEEL BARREL CORPORATION.—At once guard belts and wheel on punch press S. G. 53, also wheel on hoop rolling machine. Guard pulley and belt on Britch Power Shears machine.

October 16, 1917.

WESTERN CUT RATE CARPET CLEANING WORKS.—At once provide toilets separate for males and females.

October 25, 1917.

WESTERN ELECTRIC COMPANY.—At once guard all lower electric standing switches and place guard rail around dynamo on second floor.

July 19, 1917.

THE WHITEHEAD & KALES IRON WORKS.—At once provide guard for emery wheel on grinding machine. Erect iron guard rail around fly wheel on rivet maker machine.

June 11, 1917.

WHITE HOUSE PRESERVING CO.—At once remove obstructions to fire escape and keep access to same clear at all times.

July 11, 1917.

WIDMAN, J. C. & CO.—At once guard overhead large belts in basement not already guarded, also provide proper wrought iron guards for two emery wheels.

August 30, 1917.

WILSON, C. R. BODY Co., PLANT 5.—At once guard belts and pulleys on buzz planer in mill room.

October 24, 1917.

WILSON, C. R. BODY Co.—At once provide proper wrought iron guards for emery wheel in Department No. 103. Guard band saw in Department No. 87. Place elevator gates in Department No. 86 in safe condition.

March 28, 1917.

WINKLEY Co.—At once enclose side of stairway leading to timekeepers office, and procure age certificates for females in your employe.

July 17, 1917.

WINKLEY Co.—At once remove all exposed set screws on shafting.

October 8, 1917.

THE WISE ELECTRIC SHERARDIZING Co.—At once provide better suction in the exhaust fan system so it will draw a column of water five inches high in a U-shaped tube to take away the dust from buffing and polishing wheels.

December 28, 1917.

WOLVERINE CREAMERY PRODUCTS Co.—At once provide a sanitary, properly designated toilet for the use of your female employes.

June 22, 1917.

WOLVERINE LEATHER GOODS Co.—At once guard upper wheel on bandsaw. Provide proper wrought iron guard for emery wheel.

July 6, 1917.

WOLVERINE PATTERN WORKS.—At once guard upper and lower wheels of bandsaw.

April 26, 1917.

WOLVERINE PRINTING Co.—At once provide a separate, properly designated toilet for use of your female employes.

August 21, 1917.

WOOD HYDRAULIC HOIST Co.—At once guard all lower belts and pulleys throughout plant. Cover gears on lathes. Put guard on emery wheels.

*Dexter.*

August 28, 1917.

BLANCHARD, H. R., GARAGE.—Within ten days put proper ventilation in both ladies' and gentlemen's toilets.

August 28, 1917.

THE DEXTER MILLING Co.—At once remove all square head set screws and replace with flat flush head set screws. Repair holes in all floors where belts are not running through same. Make hole in second floor smaller where main drive belt goes through.

August 28, 1917.

DREW, A., GENERAL BLACKSMITH.—At once put guard on emery wheel, also place guards on gears on drill. Remove all square head set screws and replace same with flat flush head set screws.

*Dowaglac.*

November 7, 1917

THE BECKWITH Co.—Within fifteen days guard plating room power belt. Box sides of elevator. Equip all elevators at all floors with automatic gates. Place rail around fire pit in core room. Equip lathe in machine shop with gear case.

Equip factory with sanitary toilets for men. In printing department put toilet in sanitary condition and install new toilet for female help, and provide dressing room for females separate from toilet.

November 9, 1917.

CASS COUNTY HOME TELEPHONE Co.—At once comply with the fifty-four hour law.

November 8, 1917.

HIDDEN SONS BAIT FACTORY.—At once put all toilets in clean and sanitary condition. Equip elevator with automatic gates at all floors. Provide step at windows to fire escape on second and third floors.

November 7, 1917.

RUDY FURNACE Co.—Within fifteen days equip elevator with automatic gates at ground floor. Install sanitary toilets for men and stalls for each stool.

*Durand.*

November 21, 1917.

GRAND TRUNK RY. Co., REPAIR SHOP.—At once put guards on all exposed gears on two large lathes in machine shop in engine room. Put guard on circular saw, bandsaw, emery wheel and guards on gears on planer.

*East Jordan.*

March 23, 1918.

EAST JORDAN CABINET Co.—At once replace square heads in Whitney double headed surface planer with circular heads; also replace square heads on Porter planer with circular heads.

*Eaton Rapids.*

June 11, 1917.

EATON RAPIDS WOOLEN MILLS.—At once have guard placed on rip saw in carpenter shop. Provide more toilets for females.

*Eau Claire.*

December 7, 1917.

EAU CLAIRE BASKET Co.—At once guard main drive belt and also large belt to stamp machine and belt to planer.

*Ecorse.*

November 13, 1917.

THE GREAT LAKES ENGINEERING Co.—At once discharge boy under 16 years of age at work in your plant, and do not permit boys under said age to work without a permit.

*Edmore.*

February 4, 1918.

JOHNSON GRAIN Co.—At once guard gasoline engine.

*Elsie.*

August 22, 1917.

THE EKENBERG Co.—At once repair low water alarms. Clean toilet. Guard belt on generator by door to boiler room. Guard elevator.

August 22, 1917.

HANKINS BROTHERS.—At once guard fly wheel on engine in mill. Place handrail on stairs in elevator leading to bean picking room.

*Escanaba.*

April 21, 1917.

ARNTZEN BROTHERS.—At once provide suitable toilets in building owned by you, and now used as a printing office by the Daily Mirror Co.

June 25, 1917.

CHATFIELD MACHINE & FOUNDRY WORKS.—At once arrange material, etc., to make your work rooms more safe and sanitary. Change the hours of labor for boys under 18 years of age to conform with the 54-hour law.



April 20, 1917.

ESCANABA DAILY MIRROR.—At once clean floor, wash windows and do such other necessary cleaning to put building in a sanitary condition.

April 9, 1917.

ESCANABA MFG. Co.—At once place railing between doors on vats in vat room so that men employed there will be prevented from falling into vats of boiling water. If it is impossible to operate said vats with railing, remove said vats altogether and provide some other way to treat the timber used in said plant, as the present method is too dangerous to life and limb.

*Eureka.*

August 22, 1917.

EUREKA CHEESE Co.—At once equip boiler with low water alarm.

April 9, 1917.

KIRSTIN, A. J., Co.—Within ten days provide suitable guards on emery wheels in factory operated by your company.

*Farmington.*

September 13, 1917.

DETROIT UNITED RAILWAY Co.—At once install sanitary toilet for use of employes.

September 14, 1917.

DETROIT UNITED RAILWAY.—At once put guards on all gears on lathe. Put outside toilet in good condition and keep clean and disinfected.

September 13, 1917.

FARMINGTON ROLLER MILLS.—At once remove all square head set screws in all collars on shafting. Replace same with flat flush head set screws; put guard on pulleys on last reduction roll at north end of mill.

September 13, 1917.

FORD SERVICE GARAGE.—At once put guard on emery wheels.

September 13, 1917.

MICHIGAN STATE TELEPHONE Co.—At once install sanitary toilet for use of employes as outside toilet is in very bad condition.

September 13, 1917.

WARNER, FRED M., DAIRY Co.—At once remove cases of bottles in front of door leading from wash room to boiler room. Remove old shoes, clothing, and clean up wash room generally. Repair push button so toilet may be flushed at any time.

*Fenton.*

November 27, 1917.

AETNA PORTLAND CEMENT Co.—At once put hand rail along platform of Clinker scales in storage room. Put intermediate rail along railing of mash tanks. Put guards under all belts four inches wide. Enclose all large and small gears. Put guard over two speeders in kiln burning room.

November 26, 1917.

FENTON ELEVATOR Co.—At once remove all square head set screws in all collars on shafting, replace with flat flush head set screws. Put guard under main drive belt. Put guards under two belts four and six inches in width on main floor.

November 27, 1917.

FENTON TAXI Co.—At once clean up back room, remove all rubbish from same and put in sanitary condition.

November 26, 1917.

FENTON TOOL & DIE Co.—At once put guards on all exposed gears on all lathes. Remove all square head set screws in all collars on shafting. Replace with flat flush head set screws.

November 26, 1917.

JUDSON MICHIGAN BEAN Co.—At once put guards on all emery wheels. Remove all square head set screws in all collars on shafting. Replace with flat flush head set screws. Put guards on all exposed gears on all lathes in machine shop.

November 27, 1917.

NEW EGYPTIAN PORTLAND CEMENT Co.—At once put guards on gear on mill. Put railing and new plank on west end tube mill drive, also put guard under belt driving same. Put guard hand rail on Agitator drive. Put extra plank and hand rail at main rope drive from engine. Install new ladder with hand rail leading from tube mill past bins to top of clinker bins. Put guards under all belts above four inches.

November 26, 1917.

WALKER MFG. Co.—At once put guards on all exposed gears on all lathes in machine shop and remove all square head set screws in all collars on shafting and replace with flat flush head set screws.

*Fennville.*

September 19, 1917.

BATES, G. O.—At once equip boilers with low water alarms and cover gears for hoist.

September 19, 1917.

WESTERN ALLEGAN TELEPHONE Co.—At once discontinue allowing operators to work more than ten hours in any one day or fifty-four hours in any one week.

*Flint.*

December 11, 1917.

ARMSTRONG SPRING WORKS.—At once put ventilator and hood over all fires and make proper connection of same; install blowers and keep same in operation for carrying away smoke and fumes from fire. Put guards under all belts overhead, four inches in width and wider. Put guards on all exposed gears on all hammers.

December 21, 1917.

BACKOFUS LAUNDRY.—At once remove all square head set screws in all collars on shafting. Replace with flat flush head set screws. Put guards on gear on ironer.

February 7, 1917.

BUICK MOTOR Co.—At once provide hood and blower for core ovens. Guard rail or doors for casting chutes and ventilator in roof of foundry.

August 29, 1917.

BUICK MOTOR Co.—At once install blower system on emery grinding wheels, also disc grinders operating in welding department, factory 17. Provide proper ventilation in all toilets and provide four additional toilets for women in top department, factory 19; also two additional toilets for women in factory No. 20. Properly guard belt and pulley on milling machine, factory No. 6, operated by female. Provide proper light for females on inspection of small parts located in basements.

September 17, 1917.

CABLE PIANO Co.—At once provide hand rail for stairs leading to basement, also designate toilet in basement For Women Only.

December 14, 1917.

CHAMPION IGNITION Co.—At once remove girl from emery wheel, Dept. 19. Put guards under all overhead belts in Dept. 21. Put guards on all pulleys and belts

on roll threader. Put guard on small pulley and belt on center wire fixture. Put guards around belts of head screw machine and furnish head gear for all female help. Put guards under all overhead belts and around all belts on punch machine, and furnish head gear for all females in punch department. Put guards on emery wheel in Dept 21. Put guard around bevel gears. Place guard on small agitator also large one.

December 17, 1917.

CHEVROLET MOTOR & AXLE PLANT.—At once put guards under belts, plant No. 1, also guard elevator guide belts. Put spring at back of coning press for the purpose of stopping connecting rods without danger to hand.

December 17, 1917.

CHEVROLET MOTOR CAR CO.—At once install proper ventilation in roof of final test room and furnish fans, at least six in number for forcing fumes out of the building. Put guards under all overhead belts four inches wide and wider running from motor to line shafting, and line shafting to counter shafts and from line shaft to line shaft. Put guard entirely around belt and pulleys on clutch collar topping machine operated by women. Put guard on small emery wheel in Dept. 50.

December 17, 1917.

CHEVROLET MOTOR CAR CO.—At once put guard around pulley and belts on machine 53 and 62, same to be at least six feet high from floor. Put guard, hand rail around pulley and belt on air compressor, engine plant 2. Put guard around gear on bow shaping machine, plant 2. Put guards over all circular saws. Raise guard on small band saw to at least three inches above large band wheel in body department, plant 1.

December 12, 1917.

COPEMAN ELECTRIC STOVE Co.—At once put guard under main drive belt from motor to main line shaft. Remove all square head set screws in all collars on shafting, replace with flat flush head set screws. Put guard on small circular saw, also put guards on all emery wheels.

December 17, 1917.

DORT MOTOR CAR Co.—At once put guards under all overhead belts four inches wide and wider. Remove all square head set screws in all collars on shafting, replace with flat flush head set screws.

December 14, 1917.

FLINT FOUNDRY Co.—At once put guards on large gear and pinions on two rattlers, also put railing along in front of rattlers.

July 2, 1917.

GENESEE IRON WORKS.—At once protect all gears on lathes located on west side of building, also protect all gears on large lathe on east side of building next to door leading into blacksmith shop. Cover and protect fly wheel on punch and shears near door entrance of street.

December 10, 1917.

HOME LAUNDRY.—At once remove all square head set screws on all collars on shafting and replace with flat flush head set screws. Put guard under main drive belt. Put guard on large gear at side next to door opening outside leading to engine room.

December 14, 1917.

IMPERIAL WHEEL Co.—At once put guards under all overhead belts running to and from motor to line shafting, line shafting to countershaft, also put guards around pulleys at belts on spoke equalizer.

September 4, 1917.

**THE MARVEL CARBURETOR Co.**—At once install extra toilet along side of two now located at west end of building. Put in two extra toilets on south side of building.

December 11, 1917.

**MARVEL CARBURETOR Co.**—At once put guards on both emery wheels in tool room. Put guards under belt from motor to line shaft near tool room. Repair toilets on main floor. Put drinking fountain in working order. Designate toilets for each sex. Repair ladies toilet. Place guard on emery wheel in sanding room.

December 20, 1917.

**NATIONAL IRON & METAL Co.**—At once install sanitary toilet in building at 102 Avon Street occupied as offices and warehouse by National Iron & Metal Co.

December 18, 1917.

**PATTERSON, W. A. & Co.**—At once place guard over large emery wheel in basement. Put guard under main drive belt from motor to line shaft in machine room in basement. Place guards under long belt from line shaft to counter shaft in alleyway near elevator.

December 20, 1917.

**RANDALL LUMBER Co.**—At once place guards under overhead belts as follows: Under fan belt, sticker belt, rip saw belt, sander belt, and under line shaft to counter shaft belt.

December 6, 1917.

**SEELEY STEAM DYEING & CLEANING WORKS.**—At once put low water alarm on boiler.

December 18, 1917.

**STEWART, WILLIAM E. WOOD SPECIALTY FACTORY.**—At once unlock all doors leading to outside of building also factory doors and office. Keep same unlocked at all times when men and women are at work in said factory and offices. Put guard on both sides of bandsaw. Put guard on small emery wheel; saw filing room place guard on, and enclose entirely all belts, pulleys and gears on grooving machine.

December 20, 1917.

**TROJAN LAUNDRY Co.**—At once guard under belt from motor to line shaft in dry cleaning room. Place guards under motor drive belt to shafting in laundry, four in number, also from line shaft to counter shaft in laundry.

December 13, 1917.

**WALKER WEISS AXLE Co.**—At once put guards under all motor drive belts from motor to line shafting. Place guard on exposed gears on lathes 1106, 1125, 1121, 1102, 1101 and 1403. Put guards on gear on punch press 5303. Put guards on large gear and pinion also under belt driving Bull Dozer No. 6. Put guards on all emery wheels.

December 13, 1917.

**WESTERN-MOTT Co.**—At once place guard under twelve inch belt from motor of main shaft Department 3, also guard under six-inch belt from line shaft to line shaft, Dept. 3. This includes guards under all motor drive belts.

*Fowlerville.*

November 15, 1917.

**TOWAR, WAYNE Co., CREAMERY.**—At once install sanitary toilet for use of employes.

*Frankenmuth.*

December 13, 1917.

**VEITENGRUBER BROTHERS.**—At once guard all band saws and pulleys.

*Frank Post.*

October 10, 1917.

COURVILL, JULIUS.—At once guard the set screws on coupling on main shaft and a set screw on the shaft that runs the cut off saw. Have low water alarm repaired.

*Freeport.*

September 7, 1917.

CHEESEBROUGH, THOMAS.—At once put handrails on outside runway. Guard molder, countershaft, jointer and gear on dowell machine.

*Gladstone.*

May 3, 1917.

MARBLE ARMS & MFG. Co.—At once provide suitable guards on rip-saws and bandsaw, also fly wheel on engine and all other belts and pulleys running close to floor in carpenter shop. Regulate the hours of labor for boys under 18 years to comply with the 54-hour law.

*Gladwin.*

March 26, 1918.

FLYNN & WOLOHAN.—At once convert third window from north side on east end of bean picking room into door that same may provide an outside exit; install stairs leading from roof on either north or south side.

March 26, 1918.

McGEORGE, E. A., & SON.—At once convert one window on west side of bean picking room into door, same to connect with fire escape balcony with stairs leading to ground.

*Glenwood.*

November 6, 1917.

HAMPTON STOCK FARM Co.—At once repair low water alarm.

*Gobleville.*

October 30, 1917.

GOBLEVILLE FARMERS MUTUAL TEL. Co.—At once comply with the fifty-four hour law.

*Grand Haven.*

January 8, 1918.

CHALLENGE REFRIGERATOR Co.—At once guard fly wheel on presses in tin shop. Place gates on elevator at first floor. Guard pulley on countershaft in cutting room.

January 9, 1918.

CHALLENGE MACHINERY Co.—At once equip emery wheels in cleaning room with exhaust system to carry off dust. Guard fly wheel on press in machine room.

January 9, 1917.

EAGLE OTTAWA LEATHER Co.—At once repair gates on elevators and box sides of elevators that are not boxed. Do not allow engineers to cover whistles on low water alarms, and repair low water alarms that are out of order.

January 9, 1918.

KELLER PNEUMATIC TOOL Co.—At once guard all belts and countershafts near floor and all pulleys and exposed belts, especially machines where females work. Provide rest room for females.

January 10, 1918.

VAN SYLEN, PETERS.—At once guard jointer in machine room.

*Grand Ledge.*

June 18, 1917.

CITY STEAM LAUNDRY.—At once provide separate toilets for men and women, and plainly designate same.

June 18, 1917.

GILLIES &amp; ALDRICH.—Guard belt to feed grinder.

February 27, 1918.

GRAND LEDGE TEL. Co.—At once cease employing female help longer than 54 hours per week, in compliance with Act 285 of the Public Acts of 1909 as amended, Section 9. Post notice to such effect.

*Grand Rapids.*

April 17, 1917.

ADJUSTABLE TABLE Co.—At once regulate hours of males under eighteen years of age so as not to exceed 54 hours in any one week or more than 10 hours per day. Remove or guard set screws in polishing room; repair pipes of blower system and increase suction of fan. Provide guard on rip saw and good heavy guards over emery wheels.

June 7, 1917.

ADJUSTABLE TABLE Co.—At once provide open passageway to fire escape on second floor.

September 27, 1917.

ALABASTINE Co.—At once guard all set screws.

October 1, 1917.

AMERICAN CEMENT PLASTER Co.—At once guard all set screws. Repair low water alarm. Guard cog gear on wood fiber machine.

April 23, 1917.

AMERICAN WEATHER STRIP Co.—At once provide guard for side belt and pulley on shears.

May 10, 1917.

BEL-CAR-MO-NUT-BUTTER Co.—At once provide one additional toilet and have one designated for females only.

March 12, 1917.

BLACK & WHITE TAXI Co.—At once discontinue employment of children under sixteen years of age. Arrange hours of women employes to conform with the fifty-four hour law.

May 23, 1917.

BLUE VALLEY CREAMERY Co.—At once enclose sides of elevator, same to be four feet high.

April 12, 1917.

BULLMAN, E. O., Co.—At once equip punch presses with automatic guards or double hand trips.

March 12, 1918.

CAPPEL & DEBORE.—At once discontinue employment of children under sixteen years of age.

April 20, 1917.

CHATTERSON & SON.—At once install sufficient toilets in bean picking room to comply with Section 17, Act 285.

May 4, 1917.

CONNOR FOUNDRY Co.—At once guard or remove exposed set screws; guard tumbler at passageway of rattler room; cover belt in passageway up stairs running from motor to countershaft. Repair toilets and place same in sanitary condition. Guard pulley and belt at entrance to toilets.

April 27, 1917.

FOX TYPEWRITER Co.—At once equip punch presses with automatic guards or double hand trips. Clean up toilets in assembling room and keep in sanitary condition. Provide guards on emery wheels where not equipped.

March 31, 1917.

FURNITURE CITY PLATING Co.—At once equip all polishing and buffing wheels with blowers and provide proper hoods for wheels. Have toilet repaired so it can be used.

May 18, 1917.

GRAND RAPIDS BEDDING Co.—At once replace guard rails on carding machines. Have elevator gates run to floor level; provide better ventilation in carding room.

May 14, 1917.

GRAND RAPIDS BRICK Co.—At once replace broken safety collar at conveyor. Guard bevel gears at crusher. Remove or guard all exposed set screws. Guard bevel gears, drive belt and pulley of brick machine. Guard all couplings with exposed bolt ends and heads. Provide guard rail over clay crushers.

April 3, 1917.

GRAND RAPIDS FIBRE CORD Co.—At once provide guards on all spindles of cordage winding machines, also provide cover on floor opening. Guard drive pulley in passageway.

April 5, 1917.

GRAND RAPIDS FIBER FURNITURE Co.—At once guard spindles of cordage winding machine. Repair blower pipes to self-feed rip saw. Provide blower to drum sander. Guard countershaft of boring machine.

May 22, 1917.

GRAND RAPIDS FURNITURE Co.—At once provide chains on all swing saw weights. Guard belts and pulleys of two planers at passage on first floor. Place low water alarm in working order. Provide slant toe approacher under floors of new elevator. Provide fire escape on south end of new building as per specifications furnished.

September 28, 1917.

GRAND RAPIDS REFRIGERATOR Co.—At once guard two planers in machine room, sticker No. 375, automatic double cut off saw; sander No. 252, belt sander in machine room; small sander No. 279; buzz planer No. 155; square shears; set screws; automatic gate and stop on elevator from enamel plant; conveyor in coating room; overhead belts in basement and machine room.

May 11, 1917.

GRAND RAPIDS SHOW CASE Co.—At once place toilets in good condition; repair water boxes, etc., guard punch presses; cover gears on chain machine; repair hoods on buffing and polishing wheels.

October 16, 1917.

GRAND UNION TEA Co.—At once designate toilet For Women Only.

April 6, 1917.

GREAT WESTERN OIL Co.—At once provide separate toilet for use of females only and have same designated as such.

June 7, 1917.

HAYES-IONIA Co.—At once provide chains on all cut-off saws, counterbalance weights; guard rails to line shaft in basement and box up shaft at passageway. Guard all countershafts and belts.

December 17, 1917.

KINSEY, E. L., SHIRT Co.—At once properly heat floor occupied by you for the manufacture of shirts. Repair window in south end of room that has broken light.

April 5, 1917.

KNAPE, JOHN, MACHINE Co.—At once equip all punch presses with automatic guards where operators hands are compelled to come under die.

December 17, 1917.

LEWELLYN BEAN Co.—At once guard all cog gears on giant bean picker. Equip stairs leading to basement with handrail.

March 22, 1918.

LEWELLYN BEAN Co.—At once discontinue the employment of girls under sixteen years of age.

June 13, 1916.

LUCE FURNITURE Co.—At once provide screen guards for wheels of bandsaws. Provide warning chains on bottom of elevator car.

January 4, 1918.

LUCE FURNITURE Co.—At once install ventilation system in carving room. Clean toilet and put same in sanitary condition.

March 28, 1917.

MOONEY SHIRT Co.—At once prevent males to use toilets for females and have said toilets designated for Females Only.

April 3, 1917.

NEW ERA SPRING & SPECIALTY Co.—At once see that all elevator gates work properly or install new gates or covers. Guard gears on rolling machine.

January 12, 1917.

PAINE, C. S., & Co.—At once place toilet in finishing room in sanitary condition and have it kept so.

April 7, 1917.

PIPER, CLAUDE G.—At once cover up opening over slide leading to ice crusher on platform in rear. Provide toilet for females only.

June 20, 1917.

POOLMAN FURNITURE Co.—At once provide guard for top wheel of bandsaw. Keep all passageways to fire escape clear of all obstructions. Repair low water alarm, put same in good working order.

October 18, 1917.

PUTNAM CANDY Co.—At once discontinue the employment of boys under eighteen years of age on mixer.

June 12, 1917.

REX ROBINSON FURNITURE Co.—At once install blower system; have all dust creating machines attached thereto.

November 8, 1917.

RINDGE-KALMBACK LOGIE & Co.—At once arrange hours of boy under eighteen years of age to conform to fifty-four hour law.

May 8, 1917.

SNYDER FURNITURE Co.—At once provide guard for main drive belt on self feed rip saw, and side belts on Columbia sander at passageway. Keep exits to fire escape clear of all obstructions.

April 4, 1917.

SPECIAL FURNITURE Co.—At once provide new cable for elevator. Guard pulleys and connect sand belt with blower. Place toilet on first floor in sanitary condition.



April 26, 1917.

TANNEWITZ Co., THE.—At once equip punch presses with automatic guards or double hand trips.

December 18, 1917.

THOMAS CANNING Co.—At once repair ventilating system to take steam and gas out of packing room.

May 16, 1917.

TRADESMAN, THE.—At once equip linotype machine with ventilator pipes so the fumes will be conveyed to outside of building. Provide proper receptacle under overhead belt in basement above folding table to prevent oil from dropping on persons working.

April 13, 1917.

TUCKER BINDERY.—At once provide guard for belt and pulley on stitching machine also belts and pulleys on cutting machine and dynamo.

October 1, 1917.

UNITED STATES GYPSUM Co.—At once guard all set screws.

November 8, 1917.

VOIGHT MILLING Co.—At once repair low water alarm at Crescent Mill. Guard all exposed cog gears, also all rolls and set screws.

May 1, 1917.

WEATHERLY Co., THE.—At once have freight elevator repaired and put in safe working order.

April 17, 1917.

WEINER CAP Co.—At once equip sewing machines with proper skirt guards.

*Greenville.*

June 12, 1917.

TOWER MOTOR TRUCK Co.—At once provide proper guard over knives on buzz planer, also provide guard over rip saw and emery wheels.

June 18, 1917.

MICHIGAN GARMENT Co.—At once provide fire escape on building occupied by the Michigan Garment Company, said fire escape to be built according to State specifications.

*Hamilton.*

September 18, 1917.

BRINK, JOHN. At once box in countershaft on floor of mill.

*Hamtramck.*

October 8, 1917.

ACME WHITE LEAD & COLOR WORKS.—At once cover gear on conveyor. Guard lower wheel on separator. Guard all belts and pulleys on passageways. Place rail guard on dynamo No. 8. Box all lower switches.

September 19, 1917.

AMERICAN RADIATOR Co.—At once guard all lower belts and pulleys on passageways. Install gate at elevator entrance.

September 12, 1917.

BAKER, R. D., Co.—At once cover all stripped gears. Box lower pulleys.

March 30, 1917.

BRIGGS MFG. Co.—At once provide proper blower system to take away dust from all dust creating machinery in wood working shop. Guard belts and pulleys on wood shaper, also provide ventilation and better light for said department.

September 12, 1917.

BRIGGS MFG. Co.—At once place signs on third and fourth floor where women are employed directing way to fire escape. Box all electric switches lower than 6 feet. Clear passageway to wire door in cutting room, third floor.

September 11, 1917.

DETROIT TIRE CARRIER Co.—At once guard wheels on all consolidated punch presses.

April 20, 1917.

HAMTRAMCK LIGHT Co.—At once keep on file in your office working permits for all children under sixteen years of age.

September 27, 1917.

JEFFERY-DEWITT COMPANY.—At once cover gears on lathe 119; box dynamo and belts under work benches.

September 21, 1917.

MICHIGAN SMELTING & REFINING Co.—At once guard all electric starting switches lower than 6 feet from floor. Install a large section fan in aluminum foundry to take off gases.

September 12, 1917.

MICHIGAN STEEL TUBE PRODUCTS Co.—At once cover gears on rolling machines. Box electric switches. Guard all emery wheels and lower pulleys.

September 19, 1917.

RUSSELL GEAR Co.—At once guard all emery wheels and lower pulleys. Cover gears on machine No. 4.

September 19, 1917.

RUSSELL WHEEL & FOUNDRY Co.—At once guard wheel on side planer; cover gear on wheel lathe; keep guards on emery wheels; cover gears and electric starter on New Haven machine; place guards five feet high on wheel on passageway in Power House; cover gear punch press No. 34; guard and keep obstructions away from all electric starting switches. Cover gears on milling machines; place rail guard around all floor dynamos; guard large wheel and cover gears on cutter No. 1; cover all gears on Cleveland Punch presses.

*Hancock.*

September 13, 1917.

LINDQUIST, HENRY.—At once clean your bake rooms and all storerooms connected with bakery and put them in a sanitary condition.

September 14, 1917.

SAKARI, HENRY, MEAT MARKET.—At once install a separate toilet for females and keep same in a sanitary condition at all times.

*Hart.*

May 25, 1917.

HART AUTO Co.—At once discontinue the employment of boys under 18 years of age more than fifty-four hours per week. Have door changed on toilet so as to open from the office and designate same for ladies.

*Hartford.*

October 23, 1917.

GIFFORD, GUY.—At once equip boiler used in your factory with low water alarm.

October 16, 1917.

PERRY, A. J. & Co.—At once equip elevator with automatic gate or trap.

*Hastings.*

August 30, 1917.

GRAND RAPIDS BOOKCASE & CHAIR Co.—At once repair steps in cutting room; clean toilets. Guard jointer in west end cabinet room.

January 10, 1918.

GRAND RAPIDS BOOKCASE & CHAIR Co.—At once guard all rip, mitre and jig saws; provide automatic gates at all elevator openings; also provide proper suction on turning machines; connect up all sanding machines on second floor with blower system.

August 29, 1917.

HASTINGS BANNER.—At once guard fly wheel of job press; also pulley and motor of middle job press.

August 28, 1917.

HASTINGS TABLE Co.—At once equip all jointers with guards; also pulley and belt on sticker; have men use guards on shapers.

*Hawks.*

October 30, 1917.

SILLKE, ALBERT, WOODEN BOWLS.—At once install low water alarm on boiler; guard all set screws on shafts and all machinery.

*Hermansville.*

January 23, 1918.

WISCONSIN LAND & LUMBER Co.—At once box large belts on planers. Cover gears on rip saw; equip boiler in pumping station with low water alarm.

*Highland Park.*

September 6, 1917.

DETROIT UNITED RAILWAYS.—At once guard upper wheels on bandsaws Nos. 4-7; also lower wheel on bandsaw in tinsmith Department; hand rails for lower stairs leading to tinsmith shop, also provide wrought iron guard for emery wheel in tool room.

February 8, 1918.

DETROIT UNITED RAILWAY.—At once guard all exposed gears on lathe No. 6. Guard belt and pulley on No. 2 rip saw. Provide proper guards for all jointer knives machines.

February 28, 1917.

HIGHLAND PARK TIMES.—At once equip metal pot on linotype machine and also individual melting pot with proper hoods and pipes leading to the outside of building to take away noxious gases and fumes from same. Provide proper guard for small circular saw.

October 31, 1917.

MAXWELL MOTOR CAR Co.—At once guard drill presses No. 466-526-166-1365-3822-1117-312-582-501-274. Also guard lathes No. 271-314-338. Remove exposed set screws on lathe No. 254 in machine shop; guard bolt cutter No. 273 in pipe shop. Place toilets in a sanitary condition in machine shop on first floor.

February 9, 1917.

MORTON, R. M.—At once provide separate toilets for the use of both sexes employed in building owned by you at 60 Manchester Avenue.

*Hillsdale.*

January 2, 1918.

ALCO FOUNDRY & MACHINE Co.—At once put steel guards on emery wheel and cover gears on lathes.

January 5, 1918.

ROWE, FRED, PHOTOGRAPHER.—At once discontinue employing female help for a longer period than fifty-four hours per week, in compliance with Section 9 of Act 285 of the Public Acts of 1909.

*Harrisville.*

November 5, 1917.

HARRISVILLE MILLING Co.—At once erect an outside fire escape on west side of building and provide sufficient toilets for women employed in bean room.

*Holland.*

December 21, 1917.

BUSS MACHINE WORKS.—At once box both sides of elevator and equip elevator with gate at ground floor. Change box for tension weight on gear cutter to side of building. Guard belts and pulleys near or on floor.

December 19, 1917.

CAPPON & BESTCH LEATHER Co.—At once enclose elevator in basement and equip with automatic gates. Guard all overhead belts over four inches wide that move fast. Guard pulleys and belts in extract room.

December 19, 1917.

CAPPON & BESTCH LEATHER Co.—At once guard overhead belts and pulleys that are near floor.

December 19, 1917.

HOLLAND ANILINE Co.—At once provide rubber mat in front of switchboard in engine room; place railing west side of engine also around side of air compressor. Guard motor drive pulley and belt in No. 2 building.

December 21, 1917.

HOLLAND DRY CLEANERS.—At once equip extractor with cover.

December 27, 1917.

HOLLAND FURNACE Co.—At once guard jointer in pattern room; equip elevator with gate at ground floor. Guard fly wheels on air presses in sheet metal room.

December 17, 1917.

HOLLAND FURNITURE Co.—At once guard all overhead drive belts more than four inches wide; change gates to elevators to work automatically.

December 27, 1917.

HOLLAND LADDER & MFG. Co.—At once guard saws and punch press.

December 17, 1917.

OTTAWA FURNITURE Co.—At once guard 24-inch jointer on second floor, building No. 1. Equip elevator with automatic gate in basement.

December 17, 1917.

SCOTT-LUGURS LUMBER Co.—At once guard jointer in machine room, first floor, and large belt in basement.

December 21, 1917.

WEST MICHIGAN FURNITURE Co.—At once guard all jointers not already guarded. Provide gates for elevator in No. 3 building. Guard overhead belts in cutting room that are over 4 inches wide. Install sanitary toilet in No. 3 building and clean toilets in No. 1 building.

*Holly.*

November 1, 1917.

MICHIGAN TRUCK & LUMBER Co.—At once guard all circular saws. Place guards under all overhead belts four inches wide and wider. Guard small emery wheel in truck department, second floor. Put brace under stairs leading to truck department, also protect side of stairs to keep any person from getting foot between side-wall and stairs.

*Homer.*

November 19, 1917.

HOMER FURNACE Co.—At once put dust collectors on emery wheels used for grinding castings.

*Honor.*

December 1, 1917.

HONOR PRODUCE CO.—At once guard both fly wheels on gasoline engine, also main belt on main shaft. Put railing on stairway.

*Hopkins.*

October 2, 1917.

LEWIS, BERT, CEMENT BLOCKS.—At once equip boiler with low water alarm.

*Houghton.*

September 4, 1917.

MICHIGAN SMELTING CO.—At once place railing around main drive belt on band-saw in carpenter shop; also place frame to protect bandsaw.

*Howell.*

November 13, 1917.

HOWELL ELECTRIC MOTOR CO.—At once guard gears on horizontal boring machine. Remove all square head set screws and replace with flat flush head set screws. Install at least one more sanitary toilet. Install wash room at least twelve feet long.

November 14, 1917.

JEWETT, CHARLES G., PLUMBER.—At once install a sanitary toilet in building at 110 South Division Street occupied by you and owned by Hugh A. McPherson.

November 13, 1917.

SPENCER-SMITH MACHINE CO.—At once remove all square head set screws on all collars on shafting and replace same with flat flush head set screws. Put stool in working condition and install another stool, also wash basin, as one basin cannot accommodate the men employed. Put guards under double spindles, J. & L. belt. Put guard under belt from motor to line shaft in new part of building.

*Ionia.*

July 31, 1917.

THE BARRETT CIGAR CO.—At once have girl under sixteen years of age in your employ procure permit.

August 2, 1917.

CITY STEAM LAUNDRY.—At once repair low water alarm.

August 7, 1917.

COBB & BOWERMAN.—At once clean toilet and put same in good condition and mark same designating sex.

July 31, 1917.

HALE, J. & SONS.—At once place railing on north and east side of upper landing of stairs on first floor of flour mill.

August 1, 1917.

HAYES-IONIA CO.—At once guard pulley on Linderman; place overhead guard on saw No. 243; place guard on jointer in sample room; also on overhead belt, Dept. 13; guard overhead belt in runway between Dept. 10 and 14. Guard overhead main drive belt.

January 19, 1917.

IONIA FLOOR BOARD CO.—At once provide wrought iron guards on all emery wheels. Provide guard and spreader for rip saw; provide guard on all circular saws; provide guards around all jack shaftings and pulley near floor; provide guard on shaper heads, also cut-off saws. Do not allow any boy under 18 years of age to work on any dangerous machinery; do not permit him to work over 10 hours in any one day or over 54 hours per week.

August 2, 1917.

IONIA FLOOR BOARD CO.—At once place guard on jointer, and place guard on overhead drive belts.

August 1, 1917.

IONIA POTTERY Co.—At once repair low water alarm.

August 3, 1917.

IONIA SENTINEL.—At once clean toilets and keep them in sanitary condition.

August 3, 1917.

THE IONIA STANDARD.—At once clean and ventilate toilet.

August 1, 1917.

SOROSIS GARMENT Co.—Within thirty days clean toilet and make sanitary, or replace old bowls with new ones.

August 2, 1917.

STAFFORD MANUFACTURING Co.—Within thirty days place guard on drive belt in machine room; guard pulleys of stickers on kack shaft; within five days repair low water alarm; provide adequate and sanitary toilets for females.

August 2, 1917.

YPSILANTI REED FURNITURE Co.—At once repair low water alarm.

*Ironwood.*

November 28, 1917.

THE BUSS CREAMERY Co.—At once repair platform on elevator and put it in a safe condition. Repair belt on ice grinder and keep in safe condition.

*Iron River.*

December 29, 1917.

CITY LAUNDRY.—Within thirty days repair and place in sanitary condition the toilet on first floor, same to be heated and lighted and keep sanitary at all times for use of females only.

January 3, 1918.

FRIEND &amp; PETERSON, MEAT MARKET.—At once install toilet for the use of female employed, same to be heated, lighted and ventilated, and kept in a good sanitary condition. Place toilet in basement used by males in a clean and sanitary condition.

January 2, 1918.

HANSON &amp; BOID.—At once repair toilet and put same in a good sanitary condition, also install a light in same.

*Iron Mountain.*

January 7, 1918.

HOSKING, WALTER P.—Within thirty days repair and calcimine ceiling and walls of building on Ludington Street occupied by you as a printing office and owned by Ella Anderson. Put said building in a sanitary condition.

*Ironwood.*

November 28, 1917.

LIEBERMAN, THEO. TAILOR.—At once install toilet in building owned by Thomas O'Donnell and occupied by you as tailor shop.

November 30, 1917.

NORTHERN BAKING INDUSTRY.—At once install a toilet in building owned by Martin Stepps and occupied by you for use of female employes, same to be installed in a convenient place, properly lighted and ventilated and kept sanitary at all times.

*Ishpeming.*

June 16, 1917.

ALTSCHWAGER, J. C.—At once provide suitable guard on rip saw, also guard bandsaw and open gear on drill press.

*Ithaca.*

May 17, 1917.

REEVES, LESLIE D.—At once provide guard over knives on buzz planer, also provide guard over rip saw.

*Jackson.*

July 28, 1917.

AMERICAN LAUNDRY.—At once place guards around belts on shirt press and body iron, also on gear on shirt press.

February 18, 1918.

CARTER, G. M.—At once erect an iron fire escape on building on west Cortland Street now occupied by the Citizens Telephone Company, same to be at third window on west side of building.

August 22, 1917.

COTTON & ZEIGLER.—At once put steel guards on emery wheels and guard belt on drill press.

August 22, 1917.

COOPER STREET GARAGE.—Within twenty days place steel guards on emery wheel; cover gears on lathe and guard belt on drill press.

July 12, 1917.

EBERLE BREWING Co.—Within thirty days replace set screws in collars on shafts on first and third floor so they will be below surface of collar.

July 28, 1917.

FLEMING ICE CREAM Co.—Within twenty days put rail on stairs leading from first to second floor.

August 1, 1917.

FOX MACHINE Co.—Within thirty days put guard on shaper and blower pipe on planer. Guard belts on all five planers and two boring machines and all other machines that need them in machine shop. Guard belts in pattern shop.

January 16, 1918.

THE CORNWELL COMPANY.—At once install separate toilet for women.

June 12, 1917.

GENERAL MACHINE & TOOL Co.—At once remove square head set screws on shafting and replace with flat flush head set screws. Guard emery wheel and drill press; cover gears on lathes.

July 19, 1917.

HAYES WHEEL Co.—Within twenty days put guard on emery wheel in plant No. 2, also on emery wheel in plant No. 3; guard belt in mitre department.

August 15, 1917.

JACKSON MACHINE TOOL Co.—Within thirty days guard wood shaper and belts on saws and shaper; also guard bandsaw and belt on same; guard rip saw.

July 17, 1917.

LOCKWOOD ASH Co.—At once guard belts in test room; cover gears on lathes 39-34. Guard belt on machine No. 44; guard emery wheel No. 27.

June 12, 1917.

MAINE TOOL & MACHINE Co.—Within ten days put guards on emery wheels; place cover on gears on lathe and remove protruding set screws on shafting.

July 18, 1917.

PERLMAN RIM Co.—Within thirty days guard belts on scraper machines; guard belts on rolls, plant No. 2; guard belts on rolls, plant No. 3; guard emery wheel plant No. 3.

July 12, 1917.

RIVERSIDE MACHINE Co.—Within ten days guard emery wheels and replace square head set screws on shafting with flat flush head set screws.

January 19, 1917.

TIMBERLAKE & SONS.—At once repair blower system on polishing, buffing and emery grinding wheels so it will produce a velocity of air in suction pipes of at least nine thousand feet per minute, or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in a U-shaped tube.

August 15, 1917.

WEST END LAUNDRY.—At once put wire screen guard around belt on collar machine.

August 9, 1917.

WHITE FROST REFRIGERATOR Co.—At once put guard on saw in crating room.

*Kalamazoo.*

December 5, 1917.

BRYANT PAPER Co.—At once provide a sufficient number of proper water closets, earth closets or privies for the reasonable use of male persons employed; at least one of such closets for each twenty-five persons.

November 13, 1917.

CLARAGE FAN Co.—At once install blower system on emery grinding wheels, suction to produce a velocity of air of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in a U-shaped tube. Emery wheels used only on tool grinding excepted.

December 12, 1917.

D'ARCY SPRING Co.—At once repair automatic gates on elevator openings so as to open and close by the action of the elevator, either ascending or descending.

November 9, 1917.

GENERAL GAS LIGHT Co.—At once increase suction in blower system on polishing and buffing wheels so it will produce a velocity of air of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in a U-shaped tube.

December 17, 1917.

HANSELMAN CANDY Co.—At once place light in women's toilet on second floor and put it in a more sanitary condition.

December 12, 1917.

HENDERSON-AMES Co.—At once place lights in women's toilets and keep them burning. Properly screen wash rooms for female employes which is used for a dressing room. Provide proper dressing rooms for females.

November 7, 1917.

IHLING BROTHERS EVERARD Co.—At once provide proper ventilation and light in all toilets; install one additional toilet for females on third floor; properly partition male and female toilets so that entrances will be separate and distinct. Provide proper wash and dressing rooms, all in compliance with Act 285 of the Public Acts of 1909.



December 12, 1917.

**IHLING BROTHERS EVERARD Co.**—At once provide proper wash and dressing rooms for females, which are screened, lighted and well ventilated. Provide a sufficient number of sanitary toilets to allow one for every 25 girls in accordance with Section 17 of the State Labor Laws.

November 26, 1917.

**KALAMAZOO CARTON Co.**—At once properly guard belts and pulleys on cutting machines. Provide proper wash and dressing room for females.

December 14, 1917.

**KALAMAZOO CORSET Co.**—Within thirty days provide a separate wash room for female employes.

January 19, 1917.

**KALAMAZOO LAUNDRY Co.**—At once erect and place in position fire escape, same being on premises for some time.

December 14, 1917.

**KALAMAZOO LAUNDRY Co.**—At once place in sanitary condition all women's toilets and designate them for women only. Place a light in toilet off of office and repair toilet on first floor in factory.

December 18, 1917.

**KALAMAZOO LOOSE LEAF BINDER Co.**—At once discharge boy under 16 years of age working without a permit. Do not employ anyone under the age of 16 years without placing on file a permit. Provide proper wash and dressing room for girls employed on fourth floor.

November 8, 1917.

**KALAMAZOO PANT Co.**—At once install at least one additional toilet for females employed on sixth floor; remove all obstructions leading to fire escape exits. Provide proper stairways leading from floors to fire escape balconies, risers not over eighteen inches.

November 14, 1917.

**KALAMAZOO PLATING WORKS.**—At once increase suction in blower system on polishing and buffing wheels so it will produce a velocity of air of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in a U-shaped tube.

November 6, 1917.

**KALAMAZOO SHOE MFG. Co.**—At once provide proper light in toilets.

November 21, 1917.

**KALAMAZOO SPRING & AXLE Co.**—At once install blower system on emery grinding and polishing wheels which will produce a suction of at least nine thousand feet per minute, or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in a U-shaped tube.

December 6, 1917.

**LIMOUSINE TOP Co.**—At once guard belts and pulleys on machines in wood working department. Provide automatic gates on elevator openings.

November 23, 1917.

**Lo-VIS COMPANY.**—At once install blower system on all polishing, buffing and emery grinding wheels and all other wheels rolled or coated with emery. Suction main must produce a suction of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in a U-shaped tube.

November 14, 1917.

MERCHANTS PUBLISHING Co.—At once provide proper light in all toilets.

December 12, 1917.

MERCHANTS PUBLISHING Co.—At once place in more sanitary condition toilet for females on second and third floors. Designate all women's toilets for use of women only.

December 13, 1917.

THE MIRROR PRINTING Co.—At once provide proper ventilation in toilet, also provide proper wash and dressing room for female employes.

December 12, 1917.

MONARCH PAPER Co.—At once provide a sufficient number of separate and distinct toilets for the use of male and female employes, and plainly so designate same. Provide light in all toilets. Install proper wash and dressing rooms; guard belt and pulley on paper carrier.

December 6, 1917.

REED FOUNDRY & MACHINE Co.—At once guard all belts and pulleys on emery grinding lathes, also guard belt and pulley on sand mixer. Provide proper ventilation over core oven. Install blower system on emery grinding wheels in compliance with Section 26-27-28-29-30 and 31 of Act 285, Public Acts of 1909.

December 15, 1917.

RICHARDSON GARMENT Co.—At once provide sufficient number of toilets for female employes, allowing one for every 25 girls, according to Section 17 of the Labor Laws. Designate toilets for the use of women only.

November 27, 1917.

RIVERVIEW COATED PAPER Co.—At once provide at least one additional toilet, also proper wash and dressing rooms for female employes. Install bubble fountains for drinking purposes or furnish individual drinking cups.

December 5, 1917.

THERMOPHORE MFG. Co.—At once provide proper hand rail on stairway.

*Kaleva.*

February 15, 1918.

KALEVA ROLLER MILLS.—At once guard opening in floor through rope drive operation. Put guard at north side of double roll machine where belts run through opening in floor. Place handrail on stairway leading from mill to fire hole in engine room.

*Kent City.*

October 11, 1917.

KENT CITY CHEESE Co.—At once repair low water alarm.

October 12, 1917.

MICHIGAN STATE TELEPHONE Co.—At once arrange working hours of girls to comply with the 54-hour law.

*Kingston.*

September 5, 1917.

KINGSTON BUTTER Co.—Within thirty days install low water alarm.

September 5, 1917.

KINGSTON GRAIN Co.—Within thirty days repair stairway and erect fire escape to bean room.

*Lacota.*

October 25, 1917.

LACOTA CIDER VINEGAR & PICKLE Co.—At once equip boiler in your factory with low water alarm.

*Lakeland.*

November 8, 1917.

LAKELAND MOTOR WORKS.—At once put guard on band saw; second floor also guard gear on lathe, first floor.

*Lake Odessa.*

August 29, 1917.

KART, GEORGE E.—At once guard pulleys on south end of rolls.

*Lake View.*

February 13, 1917.

BALE, JOHN J.—At once guard bandsaw.

*Lansing.*

April 27, 1917.

ATLAS DROP FORGE Co.—At once provide hoods over pickling tanks, also ventilators for same. Repair whistle on water column on boiler No. 3. Provide safety hook for electric crane. Guard belts and pulleys on machine No. 119. Guard pulley and drive belt on all drive belts on all drop hammers.

March 12, 1916.

AUTO BODY Co.—At once guard planer No. 87; guard upper wheels of band saw Nos. 37048-36851-36446. Guard machines No. 115-179-16796-115570-117560-115179-115589-115587-19-109087. Guard shapers No. 18-108-107-98-14-15-101-102-103. Guard drive belt and jack shaftings on machines No. 60-72. Do not permit any boy under 18 years of age to work over 10 hours in any one day or 54 hours per week

March 15, 1917.

AUTO WHEEL Co.—At once provide blower system on all sand belts. Repair elevator gates and put in working order. Put toilets in sanitary condition.

July 14, 1917.

AVENUE GARAGE.—Within twenty days equip elevator with automatic gates or doors.

April 27, 1917.

BATES & EDMONDS MOTOR Co.—At once remove all exposed set screws in jack shafting and replace with blind set screws. Provide blower system for emery wheels with suction of at least five inches. Guard gears on machines Nos. 2-26. Provide guard under motor drive belts. Guard bevel gears on machine No. 43. Guard all exposed end gears. Remove set screws in collar machine No. 54735. Do not allow boys under 18 years of age to work over 10 hours in any one day or over 54 hours in any one week.

July 7, 1917.

CAPITAL BAKING Co.—At once have boy and girl in your employ procure and keep on file working permits.

January 29, 1917.

COLE, WILLIAM.—At once repair and overhaul all cables and replace all worn out cables with new ones. Repair and overhaul safety clutch. Provide automatic gates on elevator to open and close by action of elevator. Elevator is not to be used until it is placed in a safe condition as recommended by this department.

July 12, 1917.

GAS OFFICE BUILDING.—At once rebuild or put iron stairs on rear of building leading to second floor and repair toilet, and keep same clean and sanitary. Hang doors to swing outward.

March 13, 1917.

GIER PRESSED STEEL Co.—At once guard end gears on machines No. E514-E515. Guard emery wheel No. E518. Guard balance wheel on machines No. C363-18-19. Guard balance wheel and pulleys on machines No. C334-C331-C367-C360-C362-C368-C366-C365-C361-C364-C369-C338-C337-C336-C340-17-C313. Remove all exposed set screws in jack shafting and replace with blind set screws. Provide guard on rip saw No. 24. Guard balance wheels and pulley on machine No. 200 to 230 in women's department.

April 5, 1917.

GIER PRESSED STEEL Co.—At once discontinue the use of all female operators on punch press work under the age of 21 years. Report to this department all accidents that occur in your plant.

May 1, 1917.

GIFFORD ENGINE Co.—At once provide guard on all balance wheels of all punch presses and sheet metal gears. Provide wrought iron guard on all emery wheels.

July 27, 1917.

GODFREY PATTERN WORKS.—At once equip boiler with low water alarm.

January 21, 1918.

LANSING CHEMICAL Co.—At once guard belts in east end of ground floor, including two drive belts, one belt under outside door. Guard all floor openings on second floor of factory.

February 6, 1918.

LANSING CHEMICAL Co.—At once install blower system on pit crocks in cooking room which will produce a sufficient suction to carry off acid fumes directly to outside of building.

April 26, 1917.

LANSING COMPANY.—At once in foundry provide ventilators in roof to carry away gases and smoke, and other noxious odors that may arise; provide sanitary drinking fountain; provide hot water for washing purposes; provide railing in front of rattler; provide a reasonable supply of lime water, sweet oil and vaseline, absorbent cotton for use of working men in case of accident. In blacksmith shop provide belt shifter on emery wheel; provide suction of at least five inches on blower system; also provide hood to carry away dust on emery wheel. Provide belt shifter on all drill presses; tighten up all jack shafting and main shafting; keep all passageways and aisles clear of all obstructions; repair all holes in floor and place in first class condition. In engine room guard balance wheel with a railing around the Ingersol and Rand machine. In wood shop, second floor, provide suction of at least five inches on all blower systems; guard rip saw No. 4, provide sanitary drinking fountains; guard shaper heads, also bevel gears on gang drill. First floor provide blind set screws on chucks of gang drill; guard circular saw; provide suction of at least five inches on blower system; guard jack shafting on floor of gang drill; keep passageways and aisles clear; provide warning signals on all electric trucks used about the factory. In machine shop, guard all end gears on lathes; repair south elevator gate; provide guard for sheet metal shears; guard gears on machine No. 350; provide blind set screws on drill press No. 770, remove all exposed set screws on jack shafting and equip with blind set screws. Place toilet room in sanitary condition and provide better ventilation.

May 3, 1917.

LANSING FOUNDRY Co.—At once provide blower system with suction of five inches on all emery wheels. Provide guard and spreader on rip saw. Provide railing in front of all rattlers; provide toilets, one for every twenty-five persons employed.

January 22, 1918.

LANSING FUEL & GAS CO.—At once clean toilets and locker rooms and baths. Repair all elevator gates. Do not allow elevator gates to be fastened up. Put rubber mat in front of switch board. Extend partition in room where men have lockers to ceiling to cut off odor of toilets from lockers. Industrial track to boiler room is to be changed so it will not run through east end of retort-house.

July 16, 1917.

LONGSTREET LUMBER CO.—At once guard rip saws.

July 16, 1917.

MICHIGAN CRANK SHAFT CO.—At once guard under drive belt west end of grinding room.

April 26, 1917.

NATIONAL COIL CO.—At once provide better ventilation in insulating room. Guard all end gears on all lathes. Provide suction of at least five inches on blower system in plating room; also better ventilation. Guard balance wheels on machine No. 126 and press No. 20. Remove all exposed set screws on jack shafting and replace with blind set screws. Provide railing around belts and pulleys on machines No. 120-1344. Provide suction of at least five inches on blower on disc grinder.

March 16, 1917.

NEW-WAY MOTOR CO.—At once provide better ventilation in inside test room. Remove all exposed set screws in jack shafting and replace with blind set screws. Guard end gears on lathe No. 14. Repair whistles on water column. Do not allow boys under 18 years of age to work over 10 hours in any one day, nor over 54 hours in any one week.

February 6, 1918.

NEW-WAY MOTOR CO.—At once re-construct suction system on gas engine block test so it will carry off excessive gas fumes directly to outside of building.

April 23, 1917.

NORTHROP-ROBERTSON & CARRIER.—At once provide hand railing on all stairways not equipped with same. Guard bevel gears on mixer in baking powder room.

March 15, 1917.

NOVO ENGINE CO.—At once provide better ventilation in core room. Provide hand railings around all tumblers. Provide suction of at least five inches on all blower systems. Remove all exposed set screws in jack shafting and replace with blind set screws. Guard all end gears on all lathes. Guard bevel gears on Cincinnati and Baker Brothers drill presses, also double hand trips on punch press. Provide better ventilation in inside test to carry away gases. Wash windows in machine shop to provide better light. Provide better sanitary condition in toilets in machine shops. Do not allow boy under 18 years of age to work over 54 hours per week.

April 19, 1917.

OLDS MOTOR WORKS.—At once provide better suction on fan used on air brush on northeast corner of third floor; keep all passageways and aisles clear of all obstructions; provide safety hooks on block and tackle used for handling bodies on second and third floor; provide guard around all back shafting and belts near floor in bow department; provide wrought iron guards on emery wheel in frame department; guard all jack shafting near floor in wheel department; guard exposed bolt used for fastening wheel in chuck in varnish wheel department; repair elevator gate to open and close with action of elevator, located in south end of basement; guard gears DS-27; remove exposed set screws on jack shafting and replace with blind set screws; provide suction of at least five inches on all polishing and grinding wheels in grinding and buffing department; guard end gears on lathes L. T. 61, L. E. 25-23. Have millwright overhaul all belt shifters in

machine shop and tool department, also tighten all loose jack shafting and place same in first class working condition; provide ventilators in plating room to carry away fumes that arise from vats; provide guards for combination saw in shipping department; box elevator to the height of at least five feet in shipping department; guard friction drive on drill press D. S. 73; provide guards for shaper in wood shop, also guards for jointer W. E. 3-W. H. 2; provide guard for rip saw; provide safety chain on swing saw; provide guard on circular saw W. T. 1, also rip saw W. T. 3; also provide hand railing on stairways leading to wood shop. Repair toilets and place same in sanitary condition in stock room; box in end shafts in trim shop on sewing machines; guard balance wheel on clicking machine in trim shop; provide enough toilets in trim shop to comply with the State Law that requires one toilet for every twenty-five or fraction thereof in the woman's department.

March 17, 1917.

PRUDDEN, W. K., Co.—At once repair treads on all stairways. In heavy wheel department guard surface jointer; guard all jack shafting near floor; provide blower system on sand drums; guard rounder; guard bevel gears on post drills; provide suction of at least five inches on all blower systems used to carry away dust and shaving. Provide automatic gates on elevator on second floor of wood stock room. Provide guards around all jack shafting near floor in wheel shop No. 1. Repair whistle on water column on boiler No. 1. Provide blower system on sand belt in heavy wheel department. Guard circular saw on equalizing felly. Guard bevel gears, machine 763. Guard emery wheels in blacksmith shop No. 1. Repair floor in machine shop; guard end gears on machines 1-2-3 and 4. Remove all exposed set screws in jack shafting and replace with blind set screws. Repair elevator gates on elevator in spoke-lathe department. Guard pulley on machine 553. Guard planer and upper wheel of band saw in carpenter department. Provide better ventilation in plating department. Guard end gears on machines 132 and 144. Guard pulleys on machines 119-118-117-116-115-114-108-106-110-111-112 and 113. Guard gears on machine 209. Provide better sanitary conditions in toilet rooms. Provide better light in machine shop and in the several wood working shops. In my judgement all that is necessary would be a thorough cleaning of all windows. Do not permit any boy under the age of eighteen years to work longer than ten hours in any one day or fifty-four hours per week.

January 24, 1917.

WEST, A. S., AGENT, AUTO REPAIRING.—At once provide automatic gates to open and close by action of elevator; repair and put in first class condition all elevator cables. Repair safety clutch on elevator. Have electric wiring inspected by City Inspector.

July 28, 1917.

WINANS, N. H.—Within fifteen days equip boiler with low water alarm.

*Laurium.*

October 26, 1917.

COLUMBIA STEAM LAUNDRY.—At once repair low water alarm on boiler and place iron railing to guard shaft and belting on dry tumbler in wash room.

October 27, 1917.

THE DAILY ITALIAN MINER.—At once install a separate toilet in a convenient place for use of female employes and have same properly designated For Females Only. Said toilet to be kept in a sanitary condition at all times. Disinfect and place in a sanitary condition the toilet now in use in the basement for the use of your male employes.

*Lawrence.*

November 2, 1917.

LAWRENCE MUTUAL TELEPHONE Co.—At once comply with the fifty-four hour labor law.

*Litchfield.*

January 4, 1918.

STOCK, F. W. & SONS.—At once put hand rail on stairs leading from first floor to basement. Remove all square head set screws in all collars on shafting and re-

place with flat flush head set screws. Remove the frail wooden guards on end of rolls, four in number, and replace same with iron gas pipe and fasten same securely to floor. Put toe board on stairs next to wall on both flights of stairs, second to third floor, also hand rail on inside of both stairs, second to third floor.

*Lowell.*

December 20, 1917.

FALLAS, EDWIN, CANNING Co.—At once repair ventilating system to take steam from cooking room.

September 5, 1917.

KING MILLING Co.—At once place guard on belts and pulley on grain cleaner.

*Ludington.*

April 23, 1917.

HANDY THINGS MFG. Co.—At once install another sanitary toilet in shop on first floor.

May 8, 1917.

STEARNS SALT & LUMBER Co.—At once provide suitable drinking water in sanitary receptacles for persons in your employ, thereby complying with Act No. 93 of the Public Acts of 1913, relative to individual drinking utensils and see that employes do not return to the water receptacles the water left in their drinking utensil. Have sanitary toilet installed in planing mill.

*Lyons.*

August 22, 1917.

UNION TELEPHONE Co.—At once file permits for all employes under sixteen years of age.

*Manchester.*

July 13, 1917.

KERN, C. D. GENERAL REPAIR SHOP.—Within thirty days place guard on emery wheel. Place guard on both sides of bandsaw as far as blade is exposed.

July 13, 1917.

LONIER & HOFFER MILLING Co.—At once place guards on large belts running through floor. Remove all square head set screws and replace with flat flush head set screws.

July 13, 1917.

MANCHESTER HANDLE Co.—Within thirty days place guards on small circular saws; place guard on emery wheel, also guards on all large belts. Remove all large set screws and replace with flat flush set screws.

*Manistee.*

February 21, 1918.

AMERICAN WOODEN WARE Co.—At once put guards on emery wheel located in basement next to boiler room. Place guard over large band saw in basement. Remove all square head set screws in all collars on shafting and replace same with flat flush head set screws. Put guards over all circular saws and keep same over saws at all times. Put all toilets in good sanitary condition.

February 19, 1918.

JOHNSON, AUGUST M.—At once put guards over all exposed gears on all lathes, five in number in machine shop. Put guards over both emery wheels in machine shop.

February 19, 1918.

LOYD & SMITH, PLUMBERS.—At once remove all square head set screws in all collars on shafting. Replace with flat flush head set screws. Put guard over emery wheel.

February 21, 1918.

MANISTEE IRON WORKS.—At once put guards over exposed gears on lathe No. 3. Put guard on exposed gears on drill press.

February 16, 1918.

MANISTEE MFG. Co.—At once put guard rail along each side of belts driving shaper machines, same to be at least two feet and six inches high from floor. Put guards over all circular saws, also around pulleys and belts of planer. Put guards around all bandsaws. Put toilet on second floor in working order. Put guards under all overhead belts five inches wide. Fasten guards on both sides of sanders to floor so that same cannot be jarred from position.

February 20, 1918.

OLSON LUMBER Co.—At once guard both emery wheels. Guard large band saw. Place guards over exposed gears on planer at east side of mill.

February 21, 1918.

SALT CITY WAGON SHOP.—Place guard over band saw, circular saw, also emery wheel.

*Manistique.*

January 24, 1918.

BANNON, W. S.—At once install low water alarm on boiler.

January 24, 1918.

BROWN LUMBER Co.—At once put good substantial guard securely fastened to floor in place of wooden guard along belts and pulley of double surfacer. Put guards over both large band saws.

January 24, 1918.

CHARCOAL IRON COMPANY OF AMERICA.—At once box end belts in fan house. Guard band saw. Place guard rail at large belt on passageway in power house. Guard large wheel and belt on pump in chemical plant.

January 24, 1918.

GOODWILLIE BROS.—At once put guard hand rails on both sides of all stairs leading from first floor to basement. Put guard around back of door nailing machine. Remove all square head set screws in all collars on shafting and replace same with flat flush head set screws. Put guard around pulley and belts on planer, also put guards over all exposed gears on same. Put guards on all bevel gears on all matching machines and box in pulley and belt on same.

January 28, 1918.

MANISTIQUE CANDY KITCHEN Co.—At once put work room in a clean and sanitary condition.

January 24, 1918.

MANISTIQUE HANDLE Co.—At once put guards on all emery wheels. Put guards on gear and pinion on all lathe handle turning machines.

January 24, 1918.

MANISTIQUE STEAM LAUNDRY.—At once install low water alarm on boiler. Put guard around fly wheel of engine.

January 24, 1918

WHITE MARBLE LIME Co.—At once place guard rail at belt in hydraulic department at foot of stairs. Guard all belts extending over passageways. Keep exits and passageways free from obstructions.

*Marine City.*

August 31, 1917.

McLOTHS SHIPYARD.—Within ten days provide guards for emery wheels in machine shop and punch shed.

September 4, 1917.

MARINE CITY BREWING Co.—At once repair low water alarm on boiler.



August 31, 1917.

MARINE CITY LUMBER & COAL Co.—Within ten days guard all emery wheels in cabinet shop.

September 4, 1917.

MICHIGAN SALT WORKS.—Within fifteen days repair whistles on water columns and provide guards on emery wheels in machine shop.

August 31, 1917.

SADLER GARAGE.—Within ten days provide guards for emery wheels in repair department.

*Marquette.*

December 9, 1917.

THE NEWPORT MINING Co.—At once comply with Section 9 of the Labor Laws, and regulate the hours of all males under 18 years to conform with the 54-hour law.

*Marshall.*

November 5, 1917.

MARSHALL CASTING Co.—At once put guard on hand planer and put hand rail on stairway leading to blower room.

November 9, 1917.

MARSHALL GARAGE.—At once cover gears on lathe and put steel guards on emery wheels.

*Martin.*

September 29, 1917.

MARTIN DAIRY & PRODUCE Co.—At once guard fly wheel on engine.

*Mayville.*

September 6, 1917.

MAYVILLE CREAMERY Co.—Within ten days erect hand railing to stairway and guard all machinery.

September 6, 1917.

MAYVILLE MUNICIPAL LIGHT & WATER PLANT.—At once guard all engines.

*Menominee.*

January 19, 1918.

FISHER BOX Co.—At once remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Put guards on all exposed gears on planer, also put guards on all circular saws, also put guards on all exposed gears on matcher in wood working department. At all times comply with the 54 hour law.

January 22, 1917.

LLOYD MFG. Co.—At once adjust the hours of work for children under 16 years of age to comply with the Federal Child Labor Law. Box all switches.

January 22, 1918.

MARINETTE & MENOMINEE PAPER Co.—Cover gears on cutting machine and guard elevator shaft.

January 22, 1918.

MENOMINEE BOILER WORKS.—At once put guard under main drive belt from motor to main line shaft, also put guard under belt from main line shaft to counter shaft next to door leading to main boiler room.

January 22, 1918.

MENOMINEE ELECTRIC MFG. Co.—At once remove all square head set screws in all collars on shafting. Replace with flat flush head set screws. Put guards on all exposed emery wheels. Put guards on all exposed gears on lathes. Put guards under all overhead belts in polishing room, 8 in number. Put all stools in men's

toilet in working condition, also in toilet for ladies, two are out of order, and have same placed in good working condition at once.

January 22, 1918.

**MENOMINEE MOTOR TRUCK Co.**—At once put guard around belt, and pulley on third floor of motor driving main line shaft of machine shop. Remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Put guards on all emery wheels. Put guards on all exposed gears on all lathes.

January 22, 1918.

**THE PRESCOTT COMPANY.**—At once put guard on all emery wheels. Put guards on all exposed gears on lathes 35-6-5-8 and 7. Put guard around driving belt on boring machine No. 37. Put guard on back gear of shaper machine No. 20, also lathe gears No. 28, lathe 1 in tool room, and put rail around Bull lathe motor.

January 22, 1918.

**MENOMINEE SAW Co.**—At once place guard under main drive belt next to door between machine room and saw room. Remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Put guards on all exposed gears on all lathes.

January 18, 1918.

**STAR LAUNDRY.**—At once put guards around pulley and belt operating ironer. Put guards around pulley and belt operating washer.

January 18, 1918.

**THE THOMSON BROTHERS.**—At once put guard around band saw. Put guards on both emery wheels. Guard all exposed gears on large lathe.

January 19, 1917.

**WELLS, J. W.**—At once guard all side belts and lower pulleys and cover all gears on feeding tables. Guard all lower belts and pulleys in flooring factory. Box all electric starting switches. Guard all dangerous places.

*Merrill.*

December 19, 1917.

**MERRILL FARMERS ELEVATOR Co.**—At once guard engine and all pulleys.

December 19, 1917.

**MERRILL ROLLER MILLS.**—Within ten days put low water alarm in working condition.

*Middleton.*

February 7, 1918.

**MIDDLETON ELECTRIC LIGHT PLANT.**—Within ten days guard engine and main belt.

*Midland.*

March 13, 1918.

**ORB-BEAN & GRAIN Co.**—Within thirty days put fire escape on southeast corner of building with door on east side of building close to south end of same, door facing Benson Street, with stairs leading along Benson Street toward P. M. Ry. Company's tracks. Have wire screen fixed on building windows so that it can be opened and closed in case they should have to be used to escape from fire in building.

*Milan.*

July 7, 1917.

**ANTEN-CAMBURN GRAIN Co.**—At once replace large square head set screws on all pulleys with flat flush head set screws.

April 5, 1917.

**IDEAL FURNACE Co.**—At once designate female's toilet; guard all emery wheels with proper wrought iron guards not already guarded. Provide wash room and facilities for drying the clothing of foundry employes. Guard jointer knife machine. Repair roof and place same in good condition. Put exhaust in operation to take away the dust in sand blast room.

July 6, 1917.

**IDEAL FURNACE Co.**—At once place guards on both emery wheels in radiator mounting room. Guard both emery wheels in furnace mounting room. Guard gears on rattlers, also guard gears on rattler in shed at rear of foundry. Place guards on bevel gears on large boring mill.

July 7, 1917.

**LAMKIN ALLEN Co.**—At once place guards on gears on large lathe in machine shop. Place guard on belt from fly wheel on generator. Place steps leading into cement block plant in good condition. Remove all square head set screws in all pulleys and replace with flat flush screws.

July 7, 1917.

**MENZY, E. D. & Co.**—At once remove all obstructions on first landing of stairway leading to second story.

July 7, 1917.

**THURLBY & McGRATH.**—At once place guard on gears on lathe in machine shop.

*Milford.*

October 31, 1917.

**AGNEW ELECTRIC WELDER Co.**—At once guard band saw on second floor of factory. Guard emery wheel on main floor, also guard gears on small lathes.

*Monroe.*

November 14, 1917.

**MONROE FOUNDRY & FURNACE Co.**—At once cover gears on lathe. Put guards and blower on grinders.

November 13, 1917.

**MONROE STEAM LAUNDRY Co.**—At once build a new toilet for the women working in laundry, remove same from cellar as it is both dangerous and unsanitary.

November 14, 1917.

**WEIS FIBRE CONTAINER CORPORATION.**—At once guard inside large wheel on Bliss punch press. Guard all belts and pulleys where women work.

November 14 1917.

**WEIS MFG. Co.**—At once build fire escape from fourth floor on west side of building where women work.

November 13, 1917.

**WILDER STRONG IMPLEMENT Co.**—At once cover gears on lathes and shaper. Guard all emery wheels and extend blower to grinders.

*Morley.*

April 11, 1917.

**PECK, C. A., GARAGE.**—At once provide proper guard over cog gearing on drill press, also provide wrought iron guard over emery wheel.

*Mt. Clemens.*

September 17, 1917.

**AMERICAN LAUNDRY.**—At once repair low water alarm on boiler.

October 3, 1917.

**MT. CLEMENS BATH TUB MFG. Co.**—Within thirty days provide guards for emery wheels and erect guards around all pulleys and gearing in planing mill.

September 20, 1917.

CENTRAL GARAGE REPAIR SHOP.—At once provide guard for emery wheel in repair department.

*Mt. Pleasant.*

April 19, 1917.

HARRISON, W. W.—At once properly screen stairs on sides and bottom leading to bean room.

April 20, 1917.

MT. PLEASANT LAUNDRY.—At once provide proper guard over rolls on mangle, also provide low water alarm on boiler.

*Muskegon.*

August 24, 1917.

CENTRAL PAPER CO.—Remove all exposed revolving set screws. Guard all belts running through first floor. Guard all exposed gears, also guard rail for fire pump; place guard rail around condenser No. 1, engine room. Provide guard rail for pump and pulley on cipher. Guard belt on re-clipper. Provide wrought iron guard for emery wheel in carpenter shop. Guard circular saw. Provide guard rail for water pump No. 3. Place danger sign on back water pump No. 1. Place guard rail on slacker and screen passageway. Guard end of shaft on agitators near drainers. Guard end shaft No. 3, basement. Guard end of shaft and sprocket chain, also wheel on folding machine. Guard belt and pulley, new building. Extend guard rail to more fully protect belt and pulley. Guard drive pinion and pulley. Provide handrail for back stairs for recover building. Guard belt on motor in engine room and all other dangerous machinery.

August 28, 1917.

THE LAKESIDE STONE CO.—At once guard belt and pulley on air compressor. Guard end of shaft with overhead guard rail.

August 21, 1917.

LOESCHER TANNING CO.—At once guard eccentric on polisher; gear on wringer; chain gear on brush machine; guard belt and pulleys on fleshing machines.

August 29, 1917.

PEOPLES LAUNDRY.—At once guard belt on neck band machine. Cover extractor near front.

December 18, 1917.

SHELDON, E. H. & Co.—At once construct fire escape from third floor to roof below and from said roof to ground.

*Muskegon Heights.*

February 28, 1917.

PISTON RING CO.—At once have blower system placed in condition to comply with Section 27 and 30 of Act 285.

November 25, 1917.

WARD SERVICE.—At once provide proper toilet for female help.

*Negaunee.*

August 16, 1917.

MARQUETTE COUNTY GAS & ELECTRIC CO.—Within thirty days place iron fence or railing around fly wheel on No. 3 conductor pump, also guard over fly wheel.

*New Baltimore.*

October 16, 1917.

BAKER, C. E.—At once repair low water alarm on boiler.

*Newberry.*

January 31, 1918.

HORNER, WILLIAM.—At once provide a railing around fly wheels of air pump or vacuum pump.

January 31, 1918.

NEWBERRY NEWS.—At once guard all set screws on main shaft.

*New Haven.*

October 18, 1917.

NEW HAVEN LUMBER & COAL Co.—Provide guards for emery wheels on second floor.

*New Hudson.*

September 10, 1917.

TOWAR CREAMERY Co.—At once remove all square head set screws in collars on shafting and replace same with flat flush head set screws.

*Niles.*

November 19, 1917.

EAST'S LAUNDRY.—At once equip extractor with cover.

November 16, 1917.

FRENCH PAPER Co.—Within fifteen days guard open gears in beater room. Cover tank that holds bleach. Clean toilets in sorting room and enlarge dressing room. Install dressing room and enlarge toilet in finishing room. Equip elevator in sorting room with automatic gates. Box shafting in grinder room. Guard over head belts in wood room.

November 15, 1917.

NATIONAL LEATHER MFG. Co.—At once box sides of elevator. Clean toilets and keep in sanitary condition.

November 14, 1917.

NATIONAL STANDARD Co.—Provide more light and ventilation for north building also more light in stock room at foot of stairs.

November 16, 1917.

SANITARY LAUNDRY.—At once equip extractor with cover. Guard belt on small mangle.

November 14, 1917.

TOWAR COTTON MILLS, INC.—At once guard all overhead drive belts. Install dressing room for females. Clean toilets and keep same sanitary at all times. Guard belts and pulleys on ends of twisters.

*Northville.*

October 12, 1917.

UNION MFG. Co.—At once provide adjustable guard for half rip saw. Also guard half shoe connected to iron brace and extending half way across cut-off saw, first floor. Install automatic gates on elevator first and second floors. Repair low water alarm on boiler.

*Onekama.*

February 18, 1918.

SCHOWALTES, A. L.—At once guard band saw. Remove all square head set screws in all collars on shafting; replace with flat flush head set screws. Guard all exposed gears on lathes.

*Orion.*

October 26, 1917.

SPEAKER & SON.—At once remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Guard band saw, emery wheel and gears on lathe.

*Orleans.*

August 27, 1917.

EASTON INDEPENDENT TELEPHONE Co.—At once arrange hours of women employes to conform with the 54-hour law.

*Oronoka.*

September 11, 1917.

SHAFFER, CYNIS C. LUMBER Co.—At once equip boiler with low water alarm.

*Otsego.*

October 4, 1917.

BARDEEN PAPER Co.—In factory No. 1, guard passageway from beater room to sorting room. Guard all gears and pulleys not guarded. In plant No. 2 furnish lights in day time in basement of beater room and machine room, also install more lights. Cover vats in basement sorting room and clay tank. Cut off end shaft or cover back side of machine. Equip all elevators in basements with automatic gates.

October 4, 1917.

COATING DIVISION, BARDEEN PAPER Co.—At once place guards at top of clay tanks. Guard under drive belts in engine room. Clean toilets and keep them clean and sanitary. Provide dressing room for female employes.

October 5, 1917.

MAC SIM BAR PAPER Co.—At once protect or replace belts at end of beater roll shaft with counter sunk heads. Guard pulley on rag cutter. Provide gates where missing and repair gates on all elevators not working. Guard end gears, and have guards replaced where taken off.

October 5, 1917.

OTSEGO POWER & MFG. Co.—At once equip elevators that are not so equipped with automatic gates. Guard shaper. Guard counter shaft and pulley. Guard bevel gear in basement.

October 5, 1917.

WOLVERINE PAPER Co.—At once put in sanitary toilet in stock room. Repair toilet in beater room. Place guard rail by large belt in Engine room No. 2. Provide good dressing room for female employes also enlarge toilet for females. Repair low water alarms.

*Ovid.*

August 24, 1917.

BENSINGER, JOEL.—At once repair low water alarm; put guard on jointer. Box shafting and guard pulley on sander.

*Owosso.*

November 23, 1917.

OWOSSO DRY CLEANING WORKS.—At once install low water alarm.

November 23, 1917.

OWOSSO SUGAR Co.—At once put guards around each pulley at end of shaft driving sugar granulators on south end of second floor; also put guards under large belts driving pumps on first floor. Cover all exposed gears in machine shop. Put hinge covers on both emery wheels in south end of pulp drier.

November 22, 1917.

ROBINS TABLE Co.—At once install blow pipe at end of surface sander in cabinet department. Guard ten-inch elevator belt. Remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Guard five-inch belt running counter shaft of cut-off saw in room B.

March 1, 1918.

STANDARD MACHINE Co.—At once remove all square head set screws in all collars on shafting and replace same with flat flush head set screws. Guard all exposed gears on all lathes. Guard all emery wheels not guarded.

*Parma.*

August 24, 1917.

PARMA BAKERY.—At once procure permit for girl under 16 years of age.

*Paw Paw.*

November 1, 1917.

THE TRUE NORTHERNER.—At once cover extending keys on balance wheels, also guard pulleys on job presses.

*Pewamo.*

August 21, 1917.

PEWAMO CREAMERY.—At once place low water alarm on boiler.

*Pittsford.*

December 31, 1917.

EARL BROTHERS.—At once put steel guards on emery wheel.

*Plainwell.*

October 8, 1917.

MICHIGAN PAPER CO.—At once equip elevators in basement and elsewhere not so equipped with automatic gates. Repair elevator gates that do not work automatically. Cover open gears on pump in beater room and in basement of machine shop. Cover open gears in beater room. Clean toilets and designate same for each sex.

*Plymouth.*

October 10, 1917.

DAISY MFG. CO.—At once guard gears on No. 34 gear press. Repair safety gate on elevator, second floor.

*Port Huron.*

August 17, 1917.

ACHESON OIL DOG CO.—At once guard endless chain on masticating machine in masticating department.

August 21, 1917.

ANKER-HOLTH MFG. CO.—Within ten days place guards on emery wheels in machine shop.

July 26, 1917

BEAN, JOHN B.—At once provide working permit for boy under fifteen years of age.

July 31, 1917.

CARLISLE, A. B.—At once provide permit for boy under 16 years of age.

July 31, 1917.

CITY STEAM LAUNDRY.—At once repair low water alarm on boiler. Arrange hours of female employes to conform with the 54-hour law.

July 25, 1917.

THE DRAPER MFG. CO.—At once repair low water alarm on boiler. Place guard on emery wheel, ball department. Do not permit boy under sixteen years of age to work without permit.

July 27, 1917.

DRY DOCKS IRON WORKS.—Within ten days erect guard rail around pulley on large planer, machine building. Keep guards on emery wheels at all times. Repair low water alarm on boiler.

August 17, 1917.

FEAD, JOHN L. & SONS.—Within ten days erect guards around picker machine, picker room.

August 10, 1917.

HERALD PRINTING CO.—At once file working permits for employes under 16 years of age.

July 30, 1917.

LAKE HURON WELDING WORKS.—Within ten days provide guards for all emery wheels in grinding department. Erect iron railing around motor in grinding room.

August 19, 1917.

LARNED-CARTER & Co.—At once repair fire escape by replacing step at bottom of stairs leading from second to third story. Remove ladder from top of fire escape and place in position to roof. Take out windows leading to fire escape and replace same with doors made to swing outward. Keep all entrances and passageways leading to and from stairways clear so that passagesways shall be clear at all times. Repair springs on doors of elevator so that same will stay closed.

August 17, 1917.

MILLER, E. B. & Co.—At once provide and place on file permits for employes under sixteen years of age.

August 16, 1917.

MONROE MOTOR CAR Co.—At once provide guards for emery wheels in assembly room. Guard pulleys and belting on machines 6 and 7 in machine shop.

August 23, 1917.

MORTON SALT COMPANY.—At once guard pulleys on carton machine, Morton Room. Erect guards around belting running from Morton machine, second floor. Guard drive belt on Morton motor, second floor. Place guards on pulleys and belting expander, Cooper shop. Guard all exposed gears on lathes, machine shop.

July 30, 1917.

O'SULLIVAN, JAMES & SONS.—Within ten days provide guards for emery wheels in wood working department.

August 6, 1917.

PAICE OVERLAND Co.—At once file working permit for boy under 16 years of age. Keep toilet in sanitary condition.

August 6, 1917.

PETIT'S GARAGE.—At once file working permits for employes under 16 years of age.

July 27, 1917.

PORT HURON CITY WATER WORKS DEPT.—At once repair low water alarms on all water columns.

August 9, 1917.

PORT HURON CREAMERY Co.—At once repair low water alarm on boiler. Place guard on emery wheel, second floor. Repair elevator gates on all elevators.

August 8, 1917.

PORT HURON LIGHT & POWER Co.—At once erect guard rail around air pumps in turbine room, electric light plant.

July 30, 1917.

PORT HURON PLUMBING & HEATING Co.—Within ten days provide guards for emery wheels in pipe cutting department. Cover gears on pipe cutting machine.

August 20, 1917.

REID WRECKING Co.—At once repair low water alarm on boilers.

August 6, 1917.

ROBIN'S, LAWRENCE MOTOR SALES Co.—At once provide guards for emery wheels in repair department.

July 25, 1917.

ROMEO FOUNDRY Co. No. 2.—At once provide guards for tumbler machine in mill room. Repair gate on elevator, west end building, No. 2. Erect guard around large pulley on sand mixer, piston core room No. 2. Provide working permits for boys under 16 years of age.



August 3, 1917.

SPERRY, J. B. & Co.—At once provide permit for boy under 16 years of age.

August 10, 1917.

TIMES-HERALD Co.—At once file working permit for boy under 16 years of age.

July 30, 1917.

WHITING LUMBER Co.—Within ten days provide guards for emery wheels in grinding department. Erect guards around pulleys on knife grinding machine.

*Portland.*

August 23, 1917.

PORTLAND CITY LAUNDRY.—At once equip boiler with low water alarm.

August 24, 1917.

WOLVERINE SOAP Co.—At once equip boiler with low water alarm. Clean closets and put in sanitary condition.

*Pontiac.*

October 19, 1917.

ABSO-CLEAN LAUNDRY.—At once remove all square head set screws in all collars on shafting and replace same with flat flush head set screws. Put guards under drive belt from engine to main shaft and under belt from main shaft to counter shaft in wash room.

March 14, 1917.

AMERICAN FORGING & SOCKET Co.—At once discontinue employing males under the age of eighteen years to work more than ten hours in any one day or more than 54 hours in any one week. Properly guard all pulleys in hammer room. Install proper blower system to take away the dust from emery belts and dust creating machinery.

October 5, 1917.

BEAUDETTE, O. J. AUTO BODY Co.—At once remove square head set screws in collars on shafting of idle shaft of dimension saws. Guard emery wheel in finishing room. Place guard under belt from main shaft to Idler running press machine 18 to shear department. Put seat on stool in toilet of shear department. Guard large gear and pinion on shear machine. Place guard under belt from motor to pulley on line shaft in hammer room. Place guard under belt from motor to pulley on line shaft in forge shop. Put guard under two eight-inch belts in machine room and all six-inch belts from motors to shafting.

October 5, 1917.

BEAUDETTE, O. J. AUTO BODY Co.—At once remove all square head set screws in collars on shafting in wheel works plant. Put guards under two large twelve inch belts near door of glue room running through into main building. Place guard over sprocket wheel and chain projecting out into Wessen Street.

October 11, 1917

BREWER & BREWER.—At once repair toilet and put same in sanitary condition, and enclose said toilet at once.

October 3, 1917.

DETROIT WEATHER PROOF BODY Co.—At once place guards on emery wheels, also iron guard on band saw. Build standard fire escape on building B near center of south side of building, also fire escape at east end of building B. Guard rip saw. Provide stairs with rails on each side to center window in basement of building B, and paint same red for fire escape. Put standard fire escape on building C. N., east side. Put standard fire escape on office building, north end of west side, building A.

October 5, 1917.

GENERAL MOTOR TRUCK Co.—At once place guards under three belts over main passage way in blacksmith shop. Put large hoods to relieve fumes and gases on all five forges in blacksmith shop. Either remove part of material on second floor building 1, Section A, or brace same according to load also put in new floor joist where same are now broken overhead in blacksmith shop. Put brace under second floor of building No. 2, to carry load. Put standard fire escape on seventh window, south end of Section A, building 5, and let same run to roof to dry kiln. Put standard fire escape on office building at double windows, fourth in number, from Rapid Street, facing railroad tracks. Remove all square head set screws on all collars on shafting and replace with flat flush head set screws. Guard emery wheels in rough grinding department. Guard on slate grinder in grinding room. Place guards under drive belts of sticker and joiner machine in wood shop, also guards under two blower belts at south end of wood shop. Place guards on small emery wheel in north end of building 5, section B.

October 16, 1917.

HESS PONTIAC SPRING & AXLE Co.—Guard all emery wheels. Guard all gears on three lathes in machine shop. Guard on gears on slotting machine 315. Cover ends of arbor on polishing lathes.

October 2, 1917.

HUBBARD, M. D., SPRING Co.—Within fifteen days guard gears on spring colling machine. Remove all square head set screws in all collars on shafting and replace with flat flush head set screws.

October 11, 1917.

KEYSER DAIRY Co.—At once remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Guard gears on pasturizer, also put guards on gears on conveyor in bottling room and put railing around pit through which conveyor runs.

October 3, 1917.

MICHIGAN DROP FORGE Co.—At once put guard around fly wheel and large gear of hacking machine; also put guards under large gears of presses No. 5 and 6. Remove square head set screws in all collars on shafting in shipping and grinding room, also in collars in shafting, machine shop. Put guards on all emery wheels. Put guards on all gears on lathes in machine shop.

October 11, 1917.

MILLEN BAKING Co.—At once either put heavy sheet iron plate four feet wide by six feet long or concrete of same dimension in front of oven in bakeshop. Put new stairs in cellar way and treads of same are to be not less than 9 inches in width.

October 17, 1917.

MONROE BODY Co.—At once put guards on all emery wheels. Guard under large belt on fly wheel of gas engine to counter shaft above in metal room. Put guard over small band saw. Place guard under belt at east end of metal room from motor to main drive shaft. Put hood over retort in bending room to carry away steam. Remove all square head set screws in all collars in shafting, second Tenoner machine, west of aisle. Put guards on all main belts on all shapers. Put guard on last rip saw at east end of wood shop to protect operator when feeding same.

October 3, 1917.

MONROE MOTOR CAR Co.—Within fifteen days put gate on east side of elevator pit on first landing. Put guard on small rip saw near loading dock. Put standard fire escape on north end of main building and ladder from fourth floor of south end of main building to roof of building below.

October 2, 1917.

**NORTHWAY MOTOR & MFG. Co., PLANT 2.**—At once place guards over four disc grinders. Put guard around pulley and belt running cold saw near small lathe in tool room.

October 2, 1917.

**OAKLAND MOTOR CAR Co.**—At once place guard rails around pit near boiler room, also put railing on each side of stairs leading from top of pit to bottom of same. Remove all obstructions leading to all fire escapes on all floors of factories. Have signs posted in all departments as to location of fire escapes.

October 8, 1917.

**PONTIAC MACHINE & FOUNDRY Co.**—At once guard emery wheels. Place guards around gears of punch machine. Put guards on all gears on lathes.

October 18, 1917.

**PONTIAC PLANING MILL Co.**—At once remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Guard small band saw on second floor, also put guard on gears on sanding machine, first floor.

March 30, 1917.

**THE PONTIAC PRESS GAZETTE.**—At once provide proper hood to take away gases and fumes from gas burning boiler, also provide proper suction in pipes to take away gases and fumes from metal pots of linotype machines.

October 18, 1917.

**SLATER CONSTRUCTION Co.**—At once put guards on gears on planer on first floor, wood shop. Guard large and small stickers on first floor, wood shop. Put hand rail on stairs leading to second floor. Put guards on emery wheels in machine shop. Put guards on all gears on lathes.

October 18, 1917.

**VAN AUKEN BOWER Co.**—At once put guards on gears on sander. Put electric lights on elevator and install electric bell for use on elevator, also put gates on same.

October 8, 1917

**WILSON, H. C., FOUNDRY.**—At once guard gears on rattler.

February 27, 1917.

**WILSON FOUNDRY & MACHINE Co.**—At once discontinue employing females in your employ longer than an average of nine hours a day or fifty-four hours per week. Do not permit females in your employ to use or operate polishing or emery wheels, etc., in compliance with Section 31 of the Labor Laws.

October 4, 1917.

**WILSON FOUNDRY & MACHINE Co.**—At once provide seats for ladies 313-2074-2103-2095-2085-953-310, and all who haven't stools or seats at this time. Guard pulley and belt of planer 4439, also 5253. Remove all square head set screws in collars on counter shaft lathe 6284, also lathe 9267, also on American lathe in cylinder department.

October 8, 1917.

**WILSON RAILWAY CRATE Co.**—At once place guards on gears on lathe, also guard emery wheels. Place guard on small band saw.

October 9, 1917.

**WOOD & HIGH, TAILORS.**—At once repair floor in basement and clean same up generally. Install sanitary toilet.

October 19, 1917.

WRIGHT PLANING MILL.—Guard all circular saws; guard main drive belt; guard gears on sticker; guard small band saw.

*Reading.*

January 3, 1918.

MAIN STREET GARAGE.—At once remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Guard gears on lathe. Guard emery wheels and put hand rail on stairs, first floor to first landing leading to second floor.

*Reese.*

August 14, 1917.

PARDIE, L.—At once equip boiler with low water alarm and guard all machinery.

*Richville.*

August 11, 1917.

ORTNER, J. L.—At once equip boiler with approved low water alarm also provide hand rails for stairway.

*River Rouge.*

September 10, 1917.

DUNBAR STONE Co.—At once provide guard rail around belting in No. 5 House. Provide rail across large door in same department; erect rail on No. 9 crusher and fly wheel, also motor drive in main screen house. Repair main floor near No. 4 crusher.

September 14, 1917.

GREAT LAKES ENGINEERING WORKS.—At once provide hand rail on stairs leading to yard and air tool room. Extend hand rail around fly wheel of air compressor No. 2. Widen platform at least two feet on each side of water column and change rail accordingly. Keep door closed opposite cold press in punch shop. Repair low water alarms on boilers 2 and 5.

Septemebr 10, 1917.

RIVER ROUGE LIGHT & POWER STATION.—At once repair low water alarm on boiler 3.

September 10, 1917.

UNITED FUEL & SUPPLY Co.—At once guard jointer and band saw in saw mill.

September 13, 1917.

WHITEHEAD & KALES.—At once erect guard rail around gears of punch presses 24 and 4.

*Rochester.*

October 24, 1917.

JACKSON & Co.—At once remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Guard emery wheels. Guard all gears on lathes.

October 25, 1917.

KORFF, W. F.—At once guard gears on meat mixer. Remove all square head set screws in all collars on shafting and replace with flat flush head set screws.

October 25, 1917.

WESTERN KNITTING MILLS.—At once remove all square head set screws in all collars on shafting throughout plant and replace with flat flush head set screws. Put rail around motor in spinning room.

*Rockwood.*

September 21, 1917.

ROCKWOOD SILICIA Co.—At once provide low water alarms on boilers 2 and 3.

*Romeo.*

January 10, 1918.

ROMEO FOUNDRY.—At once put ventilator directly over where wagon stands when loading waste sand in same, the size of opening must be at least five feet square, location of same in room where rattlers are located. Place suction fans, one at window in north end of main foundry room, and one at window in south end of foundry room, and two fans located in cutter department, one driving to north and one driving to south of main foundry room. Suction fans in cleaning room and main foundry shall be located in windows at each gable ends. Put new floor in toilet, also repair roof over toilet and adjoining room so as to keep water out. Install sanitary wash rack at least twelve feet long and supply one with hot and one with cold water for use of employes. Place suction fans, one at window in north end of cleaning room, and one at window in south end of cleaning room, and two fans located in center, one driving to north and one to south.

*Royal Oak.*

July 25, 1917.

FARLINGER, G. E.—At once provide a separate sanitary toilet for the use of your female employes.

*Saginaw.*

August 31, 1917.

AMERICAN PAPER BOX Co.—At once clean and keep in more sanitary condition the toilet and dressing room used by the women of your employ.

January 4, 1918.

THE AUTOMATIC FAUCET & SPIGOT Co.—At once guard band saw.

November 7, 1917.

BARTLETT, A. F. & Co.—Within ten days place toilets in sanitary condition, also guard emery wheels in foundry.

February 18, 1918.

BAUM, WILLIAM.—At once place hand rails on stairway leading from first to second floor.

November 14, 1917.

BLISS & VAN AUKEN LUMBER Co.—Within ten days guard all pulleys and emery wheel.

November 13, 1917.

COLUMBIA WESTERN MILLS.—Within twenty days guard all press wheels and cover all open gears

September 17, 1917.

ELECTRIC VEHICLE SERVICE Co.—Within forty days erect fire escape on building according to state specifications.

November 13, 1917.

FERRILL, A. T., & Co.—Within ten days cover all open gears and guard all machinery.

October 11, 1917.

GERMAIN MFG. Co.—Within thirty days guard all belts and cover open gears in planing mills and box factory.

November 8, 1917.

GERMAIN MFG. Co.—Within ten days guard band saw by placing screen over same.

January 9, 1918.

GERMAIN MFG. Co.—At once arrange hours of female employes to conform with the fifty-four hour law and strictly observe same.

February 9, 1918.

HART BROTHERS.—Within ten days erect fire escape leading from window of alley near center of Dearborn Street side; convert window into door giving easier access to street, swing door at bottom of stairs now in use outward.

November 14, 1917.

HART BROTHERS Co.—At once box all core machines and cover gear chains.

February 18, 1918.

HAVENRICH REALTY Co.—At once provide ropes at windows from rooms on second floor now used for dressmaking shop.

February 14, 1918.

MODART CORSET Co.—Within ten days cause all doors leading to exit to swing outward; enclose window in elevator shaft; install trap door over stairs in opening leading to third floor, keep same closed when not in use. Keep trap now over stairs leading to third floor in rear closed when not in use; post signs throughout building to denote fire exits. Install fire gong and hold regular monthly fire drills.

August 31, 1917.

PEERLESS LAUNDRY.—At once procure and keep on file in office working permits for all children under 16 years of age.

September 21, 1917.

SAGINAW CREAMERY Co.—Within twenty days guard all main belts.

December 4, 1917.

SAGINAW-BAY CITY RAILWAY Co.—Within ten days guard all pulleys and band saw, and cover open gears.

December 22, 1917.

SAGINAW PAPER Co.—At once clear all passageways leading to stairway and windows; remove obstructions from windows and within twenty days erect fire escape from roof of second floor to third.

August 28, 1917.

SAGINAW SPECIALTY Co.—At once provide ventilation for toilet used by the females in your employ.

February 21, 1918.

SEEMAN & PETERS.—At once extend fire escape from roof to ground.

February 14, 1918.

SMELTZER, JOHN.—Within twenty days erect fire escape at rear of building with balcony at window at third and second floors, and ladders leading to ground according to State specifications.

November 30, 1917.

STORK MOTOR Co.—At once guard all emery wheels, also band saw, and all pulleys and belts.

October 26, 1917.

WICKS BROTHERS.—Within twenty days repair roof over machine shop so as to be in good condition, also repair toilets for laboring men so as to be in sanitary condition at all times.

February 18, 1918.

WOLVERINE STOVE Co.—At once keep catch that holds window at fire escape unfastened during working hours. Remove all obstructions from window leading to fire escape; keep all passages free from boxes, etc. Install fire gong and hold regular monthly fire drills.

- SaHne.* July 14, 1917.  
BRACEY, G. F., HANDLE FACTORY.—At once place guard on grindstone and emery wheel.
- Saranac.* September 8, 1917.  
HUHN, D. G., Co.—At once guard pulleys on north end rolls.
- Sault Ste. Marie.* January 22, 1918.  
LIPSETT, J. L.—At once guard belt on running in stand and put rail around elevator on second floor.
- January 19, 1918.  
TYMON LUMBER Co.—At once guard fly wheel on gasoline engine.
- Sheridan.* February 8, 1918.  
RUTHERFORD, E. A.—At once guard engine and main belt.
- Six Lakes.* February 12, 1918.  
SIX LAKES ELEVATOR Co.—Within ten days erect balcony at window in bean room leading to roof over driveway and guard engine.
- October 25, 1917.  
CABLE-NELSON PIANO Co.—Within fifteen days equip elevators with automatic gate or traps. Put in sanitary bowls or stools. Have men use guards on machines.
- October 25, 1917.  
CASAVANT BROTHERS.—At once equip boiler with low water alarm. Guard jointer; use guards on shaper. Clean men's toilets and keep same clean. Guard belts and motor on floor of machine room.
- October 24, 1917.  
OVERTON, S. E., Co.—Within ten days equip all jointers with guards. Put hand rail on stairs in stock room back of office. Clean toilets and keep them clean and sanitary.
- October 25, 1917.  
SOUTH HAVEN PRESERVING Co.—At once equip elevator with automatic gates or traps. Put hand rail on stairs in receiving room.
- October 24, 1917.  
VAN BUREN COUNTY TELEPHONE Co.—At once discontinue employing females longer than ten hours per day or fifty-four hours per week.
- South Lyon.* September 10, 1917.  
O'DELL, B. A.—At once remove all square head set screws in collars on shafting and replace same with flat flush head set screws. Put guards on both emery wheels.
- South Rockwood.* September 21, 1917.  
STRONG, JOHN, Co.—At once repair low water alarm on boiler. Install man lift connecting all floors.
- Sparta.* December 18, 1917.  
KLIPP MFG. Co.—At once equip all stoves with pipe running to outside of building to carry gas out of building.
- October 24, 1917.  
MICHIGAN STATE TELEPHONE Co.—At once arrange hours of women to conform with the fifty-four hour law.
- October 23, 1917.  
WELCH MFG. Co.—At once guard set screws on sander No. 40. Guard overhead drive belt in machine room.

*St. Clair City.*

August 30, 1917.

DETROIT CREAMERY Co.—At once regulate working hours of boy under 18 years of age.

August 29, 1917.

HEYSTRALER BROTHERS.—At once guard gears on lathes, also pulleys on air compressor.

August 30, 1917.

ST. CLAIR IRON WORKS.—Within thirty days guard all exposed gears on lathes and drills and emery wheels.

*St. Clair Heights.*

August 9, 1917.

BEAKER, L. N., Co.—At once cover gears and box belt on planing machine. Box belt on rip saw. Guard emery wheels.

*St. Johns.*

August 17, 1917.

BISHOPS CREAMERY.—At once equip boiler with low water alarm. Clean toilet.

August 16, 1917.

HAYES MOTOR TRUCK WHEEL Co.—At once guard shapers and jointer also buzz planer. Clean toilets and keep them clean.

January 3, 1918.

MASON, F. C. & Co.—At once properly guard fly wheel, belt and pulley on engine, also guard all exposed gearing. Provide proper ventilation in toilet and clean same daily. Provide proper hoods over and around all coal furnaces with provision for conveying the gases arising therefrom directly from the building. Provide automatic gates at elevator opening, ground floor. Guard band saw. Install blower system on emery and polishing wheels, same to meet the requirements of Sections 27-28-29-30 and 31 of Act 285 P. A. 1909.

August 17, 1917.

PAR LUMBER Co.—At once repair low water alarm.

August 25, 1917.

ST. JOHNS STEAM LAUNDRY.—At once put guard on top of extractor. Place light at top of stairs leading to basement.

*St. Joseph.*

December 11, 1917.

ANTI FRICTION LUBRICANT Co.—At once equip elevator with automatic gates or traps.

December 12, 1917.

AUTO SPECIALTIES Co.—At once equip rip saw in pattern room with spreader and guard. Guard fly wheels and presses where operators head comes near wheel.

December 11, 1917.

THE COMPOUND DOOR Co.—At once guard jointers and saws. Box sides of elevator. Guard belts on first floor of factory near elevator.

December 10, 1917.

COOPER-WELLS Co.—At once guard overhead belts in knitting room. Clean toilets and keep them clean. Provide larger dressing and rest rooms for female help.

December 11, 1917.

PALMER TIRE & RUBBER Co.—At once guard open gears. Repair low water alarm.

December 12, 1917.

ST. JOSEPH IRON WORKS.—At once equip jointer with guard. Guard fly wheel on pulley and punch press. Cover all exposed set screws on collars on revolving shaft.



December 12, 1917.

THRESHERMAN'S REVIEW Co.—At once clean toilets and keep them clean.

December 11, 1917.

WILLIAMS BROTHERS.—At once equip elevator with automatic gates in basement. Provide dressing room for female employes.

*Standish.*

March 26, 1918.

HALL, C. F.—At once convert window east side, south end of bean picking room into door, same to connect with balcony and stairs leading to ground to provide outside fire escape.

*Stanton.*

February 5, 1918.

CADWELL, B. E.—Within ten days change window to swing outward on hinges west side of bean room.

February 5, 1918.

RASMUSSEN ELEVATOR Co.—Within ten days place hand rail on stairs leading to basement and guard gasoline engine.

*Stockbridge.*

August 10, 1917.

STOCKBRIDGE CREAMERY.—At once equip boiler with low water alarm.

*Sturgis.*

December 10, 1917.

AULSBROOK & JONES FURNITURE Co.—At once guard belt and pulley on Herzog jointer. Repair suction main on sander so that wood dust will be carried to outside of building.

December 10, 1917.

BERRIDGE-SHEAR Co.—At once repair blower systems on all polishing, buffing and emery grinding wheels so it will produce a velocity of air of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in a U-shaped tube.

December 10, 1917.

ROYAL EASY CHAIR Co.—At once provide automatic gates at elevator openings so constructed as to open and close by action of elevator either descending or ascending.

December 10, 1917.

WILHELM FURNITURE Co.—At once provide automatic gates at all elevator openings so constructed as to open and close by action of elevator either descending or ascending. Provide a separate and distinct toilet for the use of females in your employ.

*Thompson.*

January 26, 1918.

CHESBROUGH, A. M.—At once guard emery wheel. Place guards on gear and pinion on wood machine.

*Three Oaks.*

November 22, 1917.

THE WARREN FEATHERBONE Co.—At once install dressing rooms for females. Put screens on pipe frames at the end of loom and cover all exposed shafting near floors. Guard motor in loom room. Clean all toilets. Guard fly wheel of blower engine.

*Three Rivers.*

December 7, 1917.

EDDY PAPER COMPANY.—At once provide proper guard under drive belt in engine room; also guard belt and pulley on paper roll shaft.

December 7, 1917.

**SHEFFIELD CAR COMPANY.**—At once discontinue the use of open salamanders for heating purposes in foundry unless ample provision be made for conveying the gases arising therefrom directly from the building. Properly hood two oil furnaces known as Wheel Furnace, and Heat Treating Furnace, with pipe to outside of building so that gas and fumes arising from furnaces will be carried to outside of building.

*Traverse City.*

May 9, 1917.

**GRELICH MFG. Co.**—At once guard rip saws in No. 13 machine department. Designate toilets for men and women to comply with law.

May 10, 1917.

**WELLS-HIGMAN Co.**—At once repair low water alarms on boilers. Put signs on toilets designating them for men and women.

*Trenton.*

September 21, 1917.

**DETROIT BRASS FORGING Co.**—At once provide high stools for ladies at work on trimming machines. Designate by sign ladies separate toilet in shop.

*Union City.*

December 28, 1917.

**BUELL, PERRY J., LUMBER Co.**—At once guard circular saw.

December 28, 1917.

**PEERLESS YEAST Co.**—At once remove all square head set screws in all collars on shafting. Replace with flat flush head set screws. Put guards on gears on mixer. Guard emery wheel.

*Vanderbilt.*

November 17, 1917.

**VANDERBILT ELECTRIC LIGHT & POWER Co.**—At once guard the belt and fly wheel on both engines.

November 17, 1917.

**VANDERBILT MFG. Co.**—At once install a blower system so as to take care of the dust, also put rail around fly wheel on engine and guard elevator on first and second floors.

*Vassar.*

August 21, 1917.

**HAMMANT & SHOOP.**—Within twenty days guard all machinery and cover open gears.

August 21, 1917.

**VASSAR STAMPING WORKS.**—Within twenty days guard all machinery and belts and cover all open gears.

*Wakefield.*

December 17, 1917.

**MILLIGAN & DALY, MESSRS.**—At once have permit placed on file for boy in your employ who is under 16 years of age.

December 18, 1917.

**THE TOWNSHIP BOARD.**—Within twenty days install toilet in building on Pierce Street occupied by R. S. Hasbrook as a printing establishment.

*Walloon Lake.*

June 6, 1917.

**WALLOON LAKE ELECTRICAL LIGHT PLANT.**—At once equip boiler with an approved low water alarm. Install valve between boiler and water column.

*Wayland.*

September 28, 1917.

**BRUSH ELECTRIC LIGHT & POWER Co.**—At once guard drive belts in power plant.

September 28, 1917.

**MICHIGAN STATE TELEPHONE Co.**—At once discontinue employing operators for a period longer than ten hours in any one day or fifty-four in any one week.

*Westphalia.*

August 23, 1917.

**WESTPHALIA MILLING Co.**—At once repair low water alarm.

*White Pigeon.*

December 8, 1917.

**EDDY PAPER Co.**—At once provide substantial railings around openings leading to stock tanks. Equip all elevator openings with proper trap or automatic gates so constructed as to open and close by the action of the elevator either descending or ascending.

*Williamston.*

July 26, 1917.

**SMITH, ROY.**—At once guard rip saw and replace all square head set screws with flat flush screws.

*Wolverine.*

November 16, 1917.

**WOLVERINE MFG. Co.**—At once guard emery wheel with wrought iron guard.

*Wyandotte.*

September 27, 1917.

**AMIOT, H. S., DYE SHOP & TAILOR.**—At once provide wire cover for extractor.

March 8, 1918.

**DETROIT VALVE & FITTINGS Co.**—At once provide sash weights and cords for at least every other window so as to open from above the windows in machine shop and basement. Repair elevator gates so as they will open and close with action of elevator. Clean and keep in more sanitary condition all toilets used by females.

September 27, 1917.

**DETROIT VALVE & FITTINGS Co.**—At once install a suction system in grinding room to carry lint and grindings. Guard emery wheel in pattern shop.

September 26, 1917.

**MICHIGAN ALKALI Co.**—At once provide stairs with hand rail at shipping room and F. M. building. Guard rail around opening in tower building. Repair low water alarms on two end boilers of east building.

September 25, 1917.

**PENNSYLVANIA SALT Co.**—At once place low water alarm in proper condition on boilers Nos. 1-2-7-8-9-11-12. Guard rail across doors of east side building leading to yard.

September 28, 1917.

**REGENT STOVE WORKS.**—At once erect guard rail around pulley and belting on air compressor. Guard emery wheels in mounting shop, also guard cross cut saw in core room.

September 26, 1917.

**WYANDOTTE PORTLAND CEMENT Co.**—At once provide hand rails on platform in mixing room. Repair low water alarm on boiler No. 2.

*Wyoming Park.*

November 24, 1917.

**WYOMING PARK SCHOOL, DISTRICT 4.**—At once place railing on stairs leading to basement. Install entrance at west end of alleyway in basement.

*Wyoming Township.*

February 26, 1917.

**PERE MARQUETTE RY. Co.**—At once have vaults in all toilets cleaned and placed in sanitary condition. Have door repaired on toilet used by females. Provide lock and key for same and designate For Ladies Only.

*Yale.*

September 7, 1917.

FORD SALES & SERVICE STATION.—Within ten days place guards on emery wheels in repair department.

September 7, 1917.

YALE MACHINE WORKS.—Within thirty days guard all exposed gears on lathes and place guards on emery wheels.

*Ypsilanti.*

August 21, 1917.

DETROIT JACKSON & CHICAGO RY. SHOP.—At once place guards on gears on lathe in machine shop. Place toilet in good condition.

July 17, 1917.

LAMB, J. G. & SON.—At once place steps to platform on east side of elevator, also steps from platform to floor on northwest side of elevator.

July 20, 1917.

LEWIS GEAR MFG. CO.—At once place guards on two circular saws in main room. Guard band saw. Place guards on feed roller on sticker. Remove square head set screws in all places. Place guard on concave saw for sawing spokes.

July 21, 1917.

MCCOLLOUGH, W. L., Co.—At once place guards on all exposed gears on lathes. Remove all square head set screws and replace with flat flush head set screws. Place guards around gears on rattlers. Put guard on emery wheel.

July 20, 1917.

MICHIGAN LADDER CO.—At once place guard on gears on planer on sticker in main room. Place guard on gears on hollow lathes in main room. Guard gears on sticker in step ladder room. Guard band saw in step ladder room.

July 21, 1917.

MICHIGAN PRESS CO.—At once guard exposed gears on all lathes. Guard emery wheel in shed.

July 20, 1917.

OAK KNITTING MILLS, No. 3.—At once place guard under long belt from pulleys of second shaft to pulley on third shaft from exhaust fan, north side of building. Place guard on gears on lathe in basement. Place guard under belts five in number at south end of knitting room. Guard emery wheel in basement. Place guard under belt in northeast corner of third floor in box factory. Place fire escape on factory at once.

August 21, 1917.

PENINSULAR PAPER CO.—At once remove all square head set screws in all pulleys and collars throughout plant.

August 21, 1917.

SCHAIBLE GARAGE.—At once place guard on emery wheel in shop.

August 21, 1917.

SCHRADER MOTOR SALES CO.—At once place two openings in roof of main building at least six feet square to carry away fumes and gases and for ventilation.

July 16, 1917.

SHAEFER HARDWARE CO.—Within thirty days put fire escape on building occupied by you, 124 Michigan Avenue.

August 20, 1917.

SMITH BROTHERS, Co.—At once remove all square head set screws in all collars and pulleys and replace with flat flush head set screws. Place guard on band saw front and side. Guard emery wheels.

August 22, 1917.

STANDARD PRINTING Co.—At once remove all square head set screws in collars on shafting and replace same with flat flush head set screws. Place guards at side of each fly wheel of power presses.

July 19, 1917.

STANDARD STEEL PRODUCTS Co.—At once place guards on emery wheel in machine shop. Remove all exposed square head set screws. Place guards on wood planer on third floor of factory.

July 19, 1917.

THOMPSON & SONS.—At once place guard on wood planer, first floor. Guard emery wheels, first floor. Remove all square head set screws and replace with flat flush head set screws. Guard emery wheel in basement. Place guard under long belt second floor from pulley to motor.

August 21, 1917.

WESTFIELD & FALL RIVER LUMBER Co.—At once place guard on band saw. Guard large and small emery wheel. Remove all square head set screws in collars on shafting and replace with flat flush head set screws.

August 22, 1917.

YPSILANTI DAIRY ASSOCIATION.—At once remove all square head set screws in collars on shafting.

July 20, 1917.

YPSILANTI HAY PRESS Co.—At once place guards on gears on large casting rattler. Place guards under belts, four in number on main floor of wood shop.

August 21, 1917.

YPSILANTI MACHINE WORKS.—At once place guards on gears on roll grinder. Put guards on casting grinder emery wheel. Remove all square head set screws and replace with flat flush head screws. Place guards on bolt cutting machine gears.

July 19, 1917.

YPSILANTI PRESS.—Place guards on all gears on job presses.

July 18, 1917.

YPSILANTI RECORD PUBLISHING Co.—Place guards on all exposed gears on large press, and on all job presses in basement.

*Zeeland.*

January 4, 1918.

COLONIAL MFG. Co.—At once guard jointer in cutting room. Guard large belt in cutting room.

January 4, 1918.

ZEELAND ORNAMENTAL Co.—At once guard jointer and jack shafts and pulleys on floor of machine room. Guard fly wheel on pump, also belt.

February 8, 1917.

ZEELAND STEAM LAUNDRY.—At once guard all exposed belts, pulleys and gears. Provide separate toilet for female employes and have same plainly designated. Provide wooden racks on floor around work tables and provide sanitary drinking faucet.

## Summary of factory and

Number of inspection.	Name of county.	Number men employed as superintendents.	Number who receive wages.	Average daily wages.	Number foremen employed.	Number who receive wages.	Average daily wages.	Number boys under 16 employed.	Number who receive wages.
21	Alcona	18	1	\$2 00	3	2	\$2 50		
40	Alger	43	8	5 60	40	40	3 82	1	1
194	Allogan	192	53	3 97	80	73	3 77		
133	Alpena	92	8	5 36	71	54	4 25	1	1
86	Antrim	108	21	4 19	9	9	3 17		
21	Arenac	24	7	3 75	3	3	2 96		
21	Baraga	21	6	3 94	9	9	3 47	1	1
87	Barry	97	26	2 58	49	49	3 61	3	3
453	Bay	551	154	5 23	364	364	3 86	15	15
38	Benzie	30	1	4 00	14	8	3 80		
240	Berrien	272	88	5 29	223	205	4 44	31	31
102	Branch	108	29	4 75	73	71	3 29	12	12
399	Calhoun	305	116	5 41	456	442	4 26	34	34
60	Cass	68	20	5 85	37	34	4 16		
138	Charlevoix	150	35	5 33	67	65	3 75	2	2
81	Cheboygan	72	11	2 11	39	32	3 40	1	1
148	Chippewa	146	3	7 66	99	96	5 33		
41	Clare	49	11	3 55	2	2	2 95		
98	Clinton	106	18	4 24	24	20	3 75	3	3
29	Crawford	26	4	4 74	20	19	4 16		
135	Delta	139	39	5 56	129	128	3 46	6	6
100	Dickinson	113	15	4 60	75	75	4 32		
174	Eaton	220	45	4 41	83	83	3 90	7	7
158	Emmet	167	24	3 99	66	58	3 42		
261	Genesee	333	138	5 69	824	823	5 08	10	10
29	Gladwin	35	4	2 95	5	5	2 70	1	1
122	Gogebic	143	15	5 10	215	215	5 06	3	3
107	Grand Traverse	119	42	4 79	50	50	3 65	5	5
157	Gratiot	174	51	4 49	86	86	3 86	6	6
95	Hillsdale	97	29	3 94	41	40	3 70	1	1
360	Houghton	395	85	5 10	387	384	5 57	55	55
126	Huron	139	60	3 90	42	42	3 28		
394	Ingham	438	137	6 01	469	447	4 18	29	29
245	Ionia	258	62	4 03	154	148	3 84	16	16
40	Iosco	47	6	5 83	29	29	4 06		
91	Iron	105	27	6 32	109	109	4 75		
78	Isabella	89	22	3 90	23	23	3 41	2	2
257	Jackson	220	141	5 56	438	426	4 21	41	41
305	Kalamazoo	130	91	5 91	488	487	4 29	13	13
14	Kalkaska	14	3	3 33	1	1	3 75		
962	Kent	1,038	429	5 49	1,170	1,166	4 12	109	109
12	Keweenaw	14			67	67	4 87	2	2
11	Lake	11			3	3	2 50		
88	Lapeer	102	34	4 09	17	17	3 70		
22	Leelanau	21	1	3 00	1	1	4 00		
167	Lenawee	168	57	5 35	137	130	4 05	12	12
52	Livingston	60	20	3 68	9	9	4 42	1	1
16	Luce	15			20	20	4 23		
37	Mackinac	38	16	5 12	12	12	3 78		
185	Macomb	190	70	4 08	53	53	3 53	8	8
90	Manistee	101	38	4 97	74	74	3 67	10	10
278	Marquette	304	69	5 70	307	306	4 23	13	13
105	Mason	126	20	5 53	76	76	3 55	16	16
72	Mecosta	80	21	4 02	17	17	3 38		
95	Menominee	112	41	5 53	89	89	3 91	12	12

workshop inspection.

Average daily wages.	Number boys employed between 16 and 18.	Number who receive wages.	Average daily wages.	Number men over 18 employed in office.	Number who receive wages.	Average daily wages.	Number men over 18 employed on skilled labor.	Number who receive wages.	Average daily wages.	Number other men over 18 employed.	Number who receive wages.	Average daily wages.
\$2 00	7	7	\$2 08	1	27	27	5	5	\$2 20	24	24	\$2 14
0 40	5	5	1 99	27	40	36	141	140	3 75	744	744	2 64
	43	43	1 23	55	54	4 09	271	271	3 51	1,273	1,273	2 41
				6	6	3 18	819	812	2 65	1,144	1,143	2 32
						2 90	418	418	2 18	574	574	2 14
2 50	1	1	2 00	2	2	2 62	16	16	2 76	20	20	2 20
1 44	7	6	2 08	6	6	4 80	34	34	3 61	405	405	2 75
1 33	8	8	1 88	28	25	3 36	336	336	2 81	453	453	2 44
	161	160	1 56	546	546	3 36	3,425	3,424	3 20	4,868	4,867	2 56
	5	5	1 83	11	10	3 15	51	48	2 91	232	231	2 17
0 95	96	96	1 73	277	270	5 29	2,079	2,074	3 54	3,193	3,174	3 75
0 45	2	2	1 75	45	38	3 89	325	324	2 79	647	647	2 38
1 30	130	130	1 61	600	585	4 19	4,433	4,419	3 29	4,264	4,264	2 75
	5	5	2 73	56	52	6 22	366	366	3 78	711	711	2 22
1 08	7	7	1 76	47	46	3 75	653	653	2 93	1,498	1,498	2 54
1 50	4	4	1 37	23	23	3 47	183	183	3 19	675	675	2 45
	15	15	1 42	110	108	3 70	850	847	3 97	1,846	1,846	2 87
				3	3	2 83	24	24	2 76	15	15	2 17
1 42	2	2	2 25	13	11	3 17	110	110	3 29	353	353	2 51
	10	10	2 37	16	16	3 48	85	83	3 96	504	503	2 85
0 92	84	84	1 32	120	119	3 54	545	544	3 18	2,450	2,450	2 29
	9	9	1 32	39	39	3 77	1,354	1,354	3 29	613	613	3 10
1 00	43	43	1 50	55	55	3 79	720	720	3 06	762	762	2 31
	10	9	1 28	42	35	4 23	336	330	3 03	982	982	2 35
1 61	121	121	1 96	1,215	1,215	5 64	11,728	11,728	4 45	9,779	9,779	3 14
2 50				1	1	3 00	26	26	2 68	10	10	2 31
1 26	42	42	2 19	130	130	3 76	3,361	3,361	3 76	2,815	2,814	3 21
1 54	21	21	1 57	79	79	3 31	443	443	2 68	738	738	2 50
0 52	35	35	2 28	175	174	3 45	658	658	3 01	1,617	1,617	2 65
0 75	5	5	1 55	53	41	2 65	486	486	3 17	275	275	2 17
1 65	233	232	1 82	339	338	3 65	3,405	3,400	3 66	10,606	10,605	3 33
	7	7	1 38	32	32	3 32	152	152	2 27	805	805	2 78
1 14	123	123	2 14	725	698	4 33	10,634	10,634	3 36	2,476	2,476	2 77
1 45	72	72	1 65	65	56	3 38	1,151	1,137	3 12	1,176	1,175	2 73
	11	11	1 23	33	33	3 56	168	168	3 65	520	520	2 84
	7	7	1 69	53	53	3 95	1,793	1,793	3 40	1,041	1,041	3 22
0 96	9	9	1 15	21	20	3 80	112	112	2 63	251	251	2 26
1 83	207	207	1 85	497	489	3 73	6,157	6,156	3 62	3,645	3,645	2 53
1 29	81	81	1 55	475	470	2 86	4,522	4,522	3 21	3,601	3,601	2 50
				2	2	2 50	23	23	2 49	31	31	1 84
1 35	591	591	1 63	1,356	1,328	3 95	11,365	11,362	3 03	9,696	9,696	2 46
1 34	12	12	2 11	19	19	4 63	1,066	1,066	3 74	938	938	3 29
	6	6	1 64	6	6	2 92	118	118	1 83	5	5	1 67
	1	1	1 50				31	28	2 53	60	60	2 26
1 25	41	41	1 54	143	132	3 99	933	931	3 26	1,427	1,427	2 72
1 00	4	4	1 84	7	7	2 50	69	69	3 48	200	200	2 40
				10	10	3 60	66	66	3 83	701	701	3 00
	3	3	1 35	24	22	3 09	91	91	3 26	384	384	2 76
1 47	47	47	1 81	38	38	3 69	495	491	3 83	776	775	2 82
1 01	59	59	1 17	65	65	3 84	568	568	2 97	1,256	1,256	2 22
0 75	105	104	1 65	306	305	3 58	2,684	2,682	3 53	4,464	4,463	2 96
0 90	9	9	1 16	55	52	3 57	344	344	2 90	908	908	2 12
	7	7	1 67	28	28	3 85	315	315	2 26	199	199	1 80
1 23	74	74	1 89	108	107	4 17	496	496	3 34	1,816	1,816	2 65

## Summary of factory and

Number of inspection.	Name of county.	Number men employed as superintendents.	Number who receive wages.	Average daily wages.	Number foremen employed.	Number who receive wages.	Average daily wages.	Number boys under 16 employed.	Number who receive wages.
32	Midland	52	26	\$3 25	74	74	\$3 52		
15	Missaukee	14	3	4 28	6	6	2 96		
62	Monroe	65	36	5 39	123	123	4 39	3	3
149	Montcalm	160	45	3 63	39	39	3 51	15	15
16	Montmorency	15			1	1	3 88		
260	Muskegon	268	92	5 58	431	418	4 74	81	81
53	Newaygo	61	11	4 62	17	17	3 35		
285	Oakland	326	126	4 67	246	244	4 95	13	13
66	Oceana	77	9	3 69	22	22	2 97		
24	Ogemaw	25	2	5 25	3	3	3 11		
36	Ontonagon	37	10	5 09	38	38	4 39	1	1
66	Osceola	77	17	3 73	20	20	3 39	2	2
3	Oscoda	3							
31	Otsego	26	1	6 00	14	14	3 15		
217	Ottawa	235	66	5 49	228	222	4 21	36	36
37	Presque Isle	38	5	7 22	47	46	4 55	19	19
4	Roscommon	5	1	7 00	7	7	4 29		
618	Saginaw	645	199	5 57	422	415	3 98	28	28
265	St. Clair	278	117	4 64	208	197	4 12	37	37
108	St. Joseph	61	50	2 72	124	124	4 02	5	5
117	Sanilac	140	54	3 64	34	34	3 78	6	6
52	Schoolcraft	54	20	5 51	34	34	4 80	2	2
192	Shiawassee	191	65	4 69	124	112	3 75	4	4
130	Tuscola	132	36	3 58	60	53	3 00	1	1
154	Van Buren	164	38	2 68	45	44	3 85		
220	Washtenaw	249	110	4 82	136	136	3 93	15	15
3,099	Wayne	3,319	1,155	8 06	6,848	6,795	5 36	452	452
83	Wexford	84	38	5 43	69	67	3 82	1	1
14,262	Totals	15,034	4,805	\$5 97	16,867	16,601	\$4 72	1,203	1,203



workshop inspection.—Continued.

Average daily wages.	Number boys employed between 16 and 18.	Number who receive wages.	Average daily wages.	Number men over 18 employed in office.	Number who receive wages.	Average daily wages.	Number men over 18 employed on skilled labor.	Number who receive wages.	Average daily wages.	Number other men over 18 employed.	Number who receive wages.	Average daily wages.
.....	18	18	\$2 40	21	21	\$3 77	307	307	\$3 56	1,247	1,247	\$3 01
\$1 75	20	20	2 06	97	91	4 72	16	16	2 67	43	43	2 57
1 53	16	16	1 25	24	24	2 86	371	371	4 08	1,882	1,882	3 19
.....	1	1	1 00	1	1	1 75	226	226	2 89	808	808	2 36
1 48	268	268	2 12	458	457	3 78	5	4	3 00	18	18	2 43
.....	5	5	1 16	14	14	3 98	5,435	5,433	3 46	5,068	5,066	2 74
1 83	76	76	2 29	369	369	4 50	108	108	2 89	239	239	2 16
.....	3	3	1 50	15	15	5 29	4,844	4,843	3 98	2,407	2,407	3 13
1 50	4	4	1 94	20	20	3 66	75	75	2 90	200	200	2 15
1 92	4	4	1 61	6	6	6 75	8	8	2 61	1	1	3 00
.....	6	6	1 46	9	8	3 25	81	81	3 57	968	966	3 36
1 28	129	129	1 76	155	147	5 02	44	44	2 49	230	230	2 30
.....	36	36	1 69	25	25	4 06	3	3	3 33	1	1	3 00
1 06	36	36	1 69	25	25	4 06	65	65	3 25	297	296	2 36
.....	249	248	1 56	564	562	4 14	1,560	1,560	3 25	2,716	2,712	2 53
1 30	249	248	1 56	564	562	4 14	471	470	3 94	731	730	2 10
1 14	109	109	1 72	154	150	3 63	22	22	3 74	50	50	2 50
.....	32	32	1 89	135	134	4 65	5,258	5,256	3 22	3,808	3,800	2 69
1 30	249	248	1 56	564	562	4 14	1,483	1,483	3 34	1,865	1,865	2 94
1 14	109	109	1 72	154	150	3 63	1,848	1,848	3 13	944	944	2 36
1 20	32	32	1 89	135	134	4 65	133	133	2 93	355	355	2 43
.....	27	27	1 96	23	23	2 58	210	210	3 47	1,657	1,657	2 98
1 00	18	18	2 08	41	40	4 51	1,019	1,018	3 27	895	895	2 69
1 04	32	32	1 72	77	77	3 86	170	170	3 02	240	239	1 97
1 75	7	7	1 10	17	17	3 01	340	340	3 39	731	731	2 53
.....	10	10	1 59	17	17	4 30	1,441	1,441	3 29	1,732	1,732	2 82
1 16	48	48	2 16	137	136	4 72	109,253	109,248	4 23	81,205	81,205	3 21
1 58	3,159	3,159	1 99	11,072	10,855	4 24	602	602	2 97	836	836	2 54
1 50	47	46	1 63	96	96	4 39						
\$1 42	6,911	6,904	\$1 86	21,777	21,369	\$4 24	216,440	216,349	\$3 85	201,813	201,765	\$2 95

## Summary of factory and

Number of inspection.	Name of county.	Number women employed as superintendents.	Number who receive wages.	Average daily wages.	Number females employed.	Number who receive wages.	Average daily wages.	Number girls under 16 employed.	Number who receive wages.
21	Alcona.....	1							
40	Alger.....	4			1	1	\$1 50		
194	Allegan.....	18	4	\$1 60	2	2	1 75		
133	Alpena.....	2			8	8	1 19	4	4
86	Antrim.....	3	1	1 50	2	1	1 00		
21	Arenac.....	3							
21	Baraga.....	4			1	1	0 50		
87	Barry.....	4			3	3	2 79		
453	Bay.....	51	18	2 27	22	21	2 01	7	7
38	Benzie.....	2	2	1 50					
240	Berrien.....	7	5	2 17	19	19	1 78	22	22
102	Branch.....	3	3	1 88	6	6	2 08		
399	Calhoun.....	14	6	2 24	51	51	2 15	6	6
60	Cass.....	2	2	1 41					
138	Charlevoix.....	8			4	4	1 46		
81	Cheboygan.....	4	1	3 00	2				
148	Chippewa.....	4			4	4	1 83		
41	Clare.....	1			1				
98	Clinton.....	3			1	1	1 44	1	1
29	Crawford.....								
135	Delta.....	2			3	3	1 98		
100	Dickinson.....	5	1	2 40				1	1
174	Eaton.....	16	3	1 07	7	6	1 47	2	2
158	Emmet.....	20	6	1 67	2	2	1 37		
261	Genesee.....	11	8	2 58	32	32	2 34		
29	Gladwin.....	2	1	2 00	1	1	1 75		
122	Gogebic.....	4			1	1	2 00		
107	Grand Traverse.....	9			12	11	1 65		
157	Gratiot.....	9	3	1 27	2	2	2 00		
95	Hillsdale.....	4	2	2 00	1	1	2 00		
360	Houghton.....	23	4	3 56	5	4	2 59	2	2
126	Huron.....	2			2	2	1 79		
394	Ingham.....	14	4	2 04	21	20	1 89	2	2
245	Ionia.....	17	7	2 03	18	17	1 82	14	13
40	Iosco.....	3							
91	Iron.....	7	1	1 75					
78	Isabella.....	2	1	1 33	2	2	1 41	3	3
257	Jackson.....	13	10	2 40	33	33	2 06	17	17
305	Kalamazoo.....	4	3	2 67	53	53	2 08	18	18
14	Kalkaska.....				1	1	1 13		
962	Kent.....	46	22	2 90	113	112	1 95	47	46
12	Keweenaw.....								
11	Lake.....								
88	Lapeer.....	6	2	1 82					
22	Leelanau.....	1	1	1 25					
167	Lenawee.....	7	1	1 50	6	6	2 11	2	2
52	Livingston.....								
16	Luce.....							1	1
37	Mackinac.....	3							
185	Macomb.....	13	3	2 32	4	3	1 90		
90	Manistee.....	3	2	1 75	5	5	1 70	12	12
276	Marquette.....	13	1	2 30	6	6	1 91		
105	Mason.....	9			5	5	1 73	2	2
72	Mecosta.....				3	3	1 38	6	6
95	Menominee.....	2			7	7	1 77	3	3

workshop inspection.—Continued.

Average daily wages.	Number women over 16 employed in office.	Number who receive wages.	Average daily wages.	Number other women over 16 employed.	Number who receive wages.	Average daily wages.	Whole number employed.	Number who receive wages.	Aggregate daily wages.	Average daily wages.
.....	2	2	\$1 25	32	31	\$1 41	86	65	\$115 58	\$1 78
.....	7	7	1 70	76	74	1 49	1,091	1,049	2,964 30	2 83
.....	57	54	1 70	373	371	1 46	2,311	2,142	5,303 63	2 48
\$0 86	51	48	1 62	233	233	0 95	2,523	2,408	5,605 38	2 33
.....	6	6	1 46	75	75	0 99	1,201	1,111	2,356 98	2 12
.....	9	9	1 64	2	2	0 75	80	60	146 98	2 44
.....	4	4	1 18	3	3	1 00	491	475	1,344 13	2 83
.....	41	38	1 80	180	177	1 45	1,202	1,118	2,784 86	2 49
0 92	431	425	1 75	1,132	1,131	1 29	11,573	11,132	30,046 38	2 69
.....	6	6	1 75	79	77	1 24	430	388	825 69	2 13
0 93	310	306	1 81	1,348	1,345	1 56	7,877	7,635	24,955 08	3 27
.....	46	45	1 70	315	315	1 37	1,581	1,492	3,497 86	2 34
1 76	567	567	1 91	1,373	1,373	1 57	12,233	11,993	34,834 58	2 90
.....	33	33	2 24	78	78	0 74	1,356	1,301	3,728 00	2 87
.....	25	21	1 66	106	106	1 13	2,567	2,437	6,489 11	2 66
.....	18	17	1 82	38	38	1 21	1,059	985	2,582 66	2 62
.....	87	83	2 17	126	126	1 39	3,288	3,128	9,973 12	3 18
.....	7	7	1 82	41	41	0 88	143	103	199 10	1 93
2 00	29	28	1 81	188	188	1 25	833	735	1,881 11	2 56
.....	12	12	1 71	7	7	1 75	680	654	1,975 72	3 02
.....	85	84	1 47	251	250	1 13	3,814	3,707	8,964 69	2 42
1 50	22	21	1 62	42	42	0 98	2,273	2,170	6,998 55	3 23
1 13	53	52	1 65	470	470	1 44	2,438	2,248	5,500 21	2 49
.....	42	37	2 19	72	67	1 19	1,739	1,550	3,932 35	2 54
.....	763	752	2 44	1,687	1,687	2 23	26,493	26,293	100,538 05	3 82
.....	4	4	1 72	3	3	1 00	88	56	137 30	2 45
.....	59	56	1 79	73	73	1 24	6,846	6,710	23,617 67	3 52
.....	49	49	1 99	343	340	1 40	1,868	1,778	4,308 23	2 42
.....	150	149	1 35	432	431	1 39	3,344	3,212	8,331 38	2 59
.....	45	45	1 85	102	100	1 57	1,110	1,025	2,786 89	2 72
1 30	185	183	1 65	257	256	1 37	15,892	15,548	52,786 59	3 39
.....	26	26	2 13	279	279	1 38	1,486	1,405	3,513 52	2 50
0 79	495	488	2 03	1,072	1,072	1 66	16,498	16,130	51,404 98	3 13
1 30	83	76	1 89	1,345	1,338	1 62	4,369	4,117	10,102 73	2 45
.....	13	13	1 60	3	3	1 33	827	783	2,396 65	3 00
.....	14	14	1 60	38	38	1 28	3,167	3,063	10,427 38	3 39
0 41	69	69	1 35	278	278	1 20	861	792	1,550 28	1 95
1 30	481	481	1 85	1,243	1,243	1 39	12,992	12,889	39,116 39	3 03
1 31	472	472	2 09	2,555	2,555	1 61	12,412	12,366	33,810 13	2 73
.....				4	4	0 71	76	65	137 18	2 11
1 16	1,128	1,117	2 03	4,093	4,077	1 42	30,752	30,055	80,204 33	2 67
.....				2	2	1 12	2,120	2,106	7,616 63	3 61
.....				1	1	0 75	23	12	22 10	1 84
.....	20	20	1 85	123	123	-1 33	570	498	1,233 86	2 49
.....	2	2	0 75	1	1	2 50	118	95	220 43	2 32
1 50	140	139	1 82	419	419	1 86	3,435	3,297	9,411 18	2 85
.....	11	11	1 90	74	74	1 51	435	395	993 36	2 51
3 00	3	3	2 16	8	8	1 27	824	809	2,394 10	2 96
.....	4	4	1 93	11	11	1 40	570	543	1,583 01	2 92
.....	39	39	2 07	203	203	1 54	1,866	1,730	5,183 72	2 99
0 62	49	48	1 57	332	332	1 08	2,534	2,469	5,709 17	2 31
.....	122	121	1 42	193	192	1 34	8,517	8,262	26,115 40	3 16
0 67	63	62	1 52	327	327	1 21	1,940	1,821	4,012 46	2 20
0 50	34	32	1 33	174	174	0 88	863	802	1,533 38	1 91
1 22	91	91	1 93	271	270	1 27	3,061	3,006	8,199 02	2 73

## DEPARTMENT OF LABOR.

## Summary of factory and

Number of inspection.	Name of county.	Number women employed as superintendents.	Number who receive wages.	Average daily wages.	Number females employed.	Number who receive wages.	Average daily wages.	Number girls under 16 employed.	Number who receive wages.
32	Midland	2			1	1	\$2 00		
15	Missaukee	1	1	\$125	2	2	1 16		
62	Monroe				2	2	2 50		
149	Montcalm	2	1	1 50	3	3	2 25	3	3
16	Montmorency				1	1	0 75		
260	Muskegon	12	2	2 08	39	37	1 75	24	24
53	Newaygo	4							
285	Oakland	7	4	2 50	17	17	1 96	4	4
66	Oceana	4							
24	Ogemaw	2			1	1	1 00		
36	Ontonagon	2							
66	Oscoda	3	1	0 75					
3	Oscoda								
31	Otsego	4	2	1 25	1	1	2 25		
217	Ottawa	6	5	2 23	13	13	2 02	19	19
37	Presque Isle				1	1	1 90		
4	Roscommon								
618	Saginaw	51	16	2 21	47	45	2 26	19	19
265	St. Clair	17	6	2 54	25	25	1 93	18	18
108	St. Joseph	3	3	1 83	3	3	2 75		
117	Sanilac	2			2	2	1 90	3	3
52	Schoolcraft	1			2	2	1 67		
192	Shiawassee	3			10	9	1 88	4	4
130	Tuscola	2	1	1 20	3	2	1 75		
154	Van Buren	10	5	1 44					
220	Washtenaw	15	8	2 94	11	9	2 47	12	12
3,099	Wayne	194	68	3 32	632	630	2 57	147	147
83	Wexford	10	3	2 26	8	8	2 19		
14,262	Totals	761	254	\$2 54	1,296	1,273	\$2 27	433	431

workshop inspection.—Concluded.

Average daily wages.	Number women over 16 employed in office.	Number who receive wages.	Average daily wages.	Number other women over 16 employed.	Number who receive wages.	Average daily wages.	Whole number employed.	Number who receive wages.	Aggregate daily wages.	Average daily wages.
.....	25	25	\$1 96	109	109	\$1 20	1,856	1,828	\$5,633 06	\$3 08
.....	4	4	1 30	52	51	1 02	138	126	244 71	1 94
\$1 23	92	92	2 23	252	252	1 60	2,915	2,880	9,344 30	3 24
0 88	68	66	1 43	328	328	1 29	1,692	1,573	3,500 21	2 23
.....	1	1	3 50	1	1	0 60	44	28	67 23	2 46
.....	1 12	337	1 77	1,196	1,195	1 49	13,619	13,410	40,102 28	2 99
.....	11	11	1 80	63	63	1 24	522	468	1,096 02	2 34
1 05	355	353	1 78	556	555	1 93	9,220	9,011	32,253 78	3 58
.....	12	11	1 88	86	86	1 41	494	421	978 08	2 32
.....	7	7	1 10	4	4	1 21	51	26	57 29	2 20
.....	3	3	1 50	14	14	1 27	1,168	1,137	3,855 34	3 39
.....	16	16	1 86	50	50	1 06	452	390	904 23	2 32
.....	2	2	0 67	.....	.....	.....	9	6	14 35	2 39
.....	6	5	1 97	36	36	1 26	464	434	1,055 36	2 43
1 20	163	162	1 93	735	735	1 47	5,995	5,806	15,722 15	2 77
.....	15	15	1 38	71	70	1 93	1,454	1,417	3,968 58	2 80
.....	.....	.....	.....	.....	.....	.....	86	82	251 25	3 06
1 08	701	695	1 84	2,185	2,154	1 48	13,957	13,437	37,180 01	2 77
1 14	181	161	1 96	701	701	1 54	5,056	4,869	14,032 20	2 88
.....	136	136	1 88	445	445	1 66	3,736	3,724	10,449 32	2 81
.....	1 00	22	1 63	182	182	1 35	929	841	1,966 13	2 36
.....	12	12	2 38	53	52	1 36	2,084	2,047	6,263 11	3 06
1 36	133	131	1 73	394	394	1 46	2,886	2,741	7,694 02	2 81
.....	33	32	1 45	355	355	1 06	1,020	913	1,765 64	1 93
.....	40	35	1 71	295	295	1 53	1,652	1,515	3,955 19	2 61
0 84	130	130	2 08	481	481	1 53	4,407	4,258	12,510 53	2 94
1 23	7,857	7,838	2 36	25,196	25,030	1 88	249,334	246,583	889,261 97	3 61
.....	32	32	1 90	186	185	1 35	1,971	1,914	5,209 80	2 72
<b>\$1 15</b>	<b>16,930</b>	<b>16,812</b>	<b>\$2 12</b>	<b>56,592</b>	<b>56,357</b>	<b>\$1 67</b>	<b>556,057</b>	<b>544,123</b>	<b>\$1,775,855 86</b>	<b>\$3 26</b>

Number people employed, hours of labor, months operating

Number of inspection.	Name of county.	Number men under 18 employed.	Number men over 18 employed in office.	Number all other men employed.	Number women employed.	Whole number employed.	Average hours boys under 18 work per week.	Average hours men over 18 employed in offices work per week.	Average hours all other men employed work per week.	Average hours all women work per week.	Minimum number employed during year.
21	Alcona		1	50	35	86	60	60	51.3	40	
40	Alger	8	27	968	88	1,091	53.2	49.2	59	1,033	
194	Allegan	5	40	1,816	450	2,311	43.6	56.4	60.6	2,045	
133	Alpena	44	55	2,126	298	2,323	53.9	51.3	60	2,205	
86	Antrim		6	1,109	86	1,201	54	50.8	54	1,066	
21	Arenac	1	2	63	14	80	54	60	59.9	80	
21	Baraga	8	6	469	8	491	57	54	59.9	410	
87	Barry	11	28	935	228	1,202	54	55.5	56.8	1,106	
453	Bay	176	546	9,208	1,643	11,573	52.8	52.5	61	10,661	
38	Bensie	5	11	327	87	430	52.8	58.9	59.6	349	
240	Berrien	127	277	5,767	1,706	7,877	51.6	52	57.6	7,095	
102	Branch	14	45	1,152	370	1,581	15.4	56.3	62.1	1,135	
399	Calhoun	164	600	9,458	2,011	12,233	50.2	50.8	58.9	10,423	
60	Case	5	56	1,182	113	1,356	52.2	53.6	59	1,192	
138	Charlevoix	9	47	2,368	143	2,567	50.6	55.5	61.2	2,126	
81	Cheboygan	5	23	960	62	1,059	55.2	51.3	58.1	876	
148	Chippewa	15	110	2,942	221	3,288	51.8	51	55.4	2,729	
41	Clare		3	90	50	143		54	59.2	143	
98	Clinton	5	13	593	222	833	54	52.1	59.5	671	
29	Crawford	10	16	635	19	690	49.2	57.7	63.7	680	
135	Delta	90	120	3,263	341	3,814	51.4	53.3	58.7	3,011	
100	Dickinson	9	39	2,155	70	2,273	51.3	50.3	51.3	2,122	
174	Eaton	50	55	1,785	548	2,438	50.6	54.5	59.5	1,989	
158	Emmet	10	42	1,551	136	1,739	48.3	55.1	61.1	1,448	
261	Genesee	131	1,215	22,664	2,483	26,493	48.8	46.6	55.4	23,868	
29	Gladwin	1	1	76	10	88	54	54	59.3	87	
122	Gogebic	45	130	6,534	137	6,846	53.2	51	52.8	6,447	
107	Grand Traverse	26	79	1,350	413	1,869	53.4	58	59.7	1,723	
157	Gratiot	41	175	2,535	593	3,344	45.9	44.9	62.2	2,494	
95	Hillsdale	6	53	899	152	1,110	51	52	56.2	904	
360	Houghton	288	339	14,793	472	15,892	50.2	49.9	50.5	15,214	
126	Huron	7	32	1,138	309	1,486	46	61.2	63.2	858	
394	Ingham	152	725	14,017	1,604	16,498	53.2	51.9	56.7	13,710	
245	Ionia	88	65	2,739	1,477	4,369	52.2	54.1	56.8	3,615	
40	Iosco	11	33	764	19	827	53	53.3	58.5	796	
91	Iron	7	53	3,048	59	3,167	43.3	52.9	51.9	2,973	
78	Isabella	11	21	475	354	861	42.7	55.4	61.5	634	
257	Jackson	248	497	10,460	1,787	12,992	49.4	49.7	51.8	11,407	
305	Kalamazoo	94	475	8,741	3,102	12,412	50.8	54.1	54	11,749	
14	Kalkaska		2	69	5	76		57	51	61	
962	Kent	700	1,356	23,269	5,427	30,752	52.9	50	55.6	27,988	
12	Keweenaw	14	19	2,085	2	2,120	49.2	46	49.8	2,120	
11	Lake		22	23	1	23		61.3	44	21	
88	Lapeer	6	6	409	149	570	41	60	61.8	487	
22	Leelanau	1		113	4	118	54		60.9	64	
167	Lenawee	53	143	2,665	574	3,435	48	51.8	63.8	2,564	
52	Livingston	5	7	338	85	435	30	52	58	347	
16	Luce		10	802	12	824		54.6	60.1	824	
37	Mackinac	3	24	525	18	570	52	56.2	60.6	378	
185	Macomb	55	38	1,514	259	1,866	48.9	54	64.2	1,314	
90	Manistee	69	65	1,999	401	2,534	54	50.8	57.8	2,114	
276	Marquette	118	306	7,759	334	8,517	50	51.2	58.3	7,590	
105	Mason	25	55	1,454	406	1,940	48	52.4	59.6	1,792	
72	Meccosta	7	28	611	217	863	54	56.1	60.6	696	
95	Menominee	86	108	2,513	374	3,081	53.4	52	60.5	2,409	

at a minimum and maximum, power statistics.

Maximum number employed during year.	Months operated at a minimum capacity.											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
86	3	3	7	7	8	8	7	7	7	6	3	2
1,098	3	3	3	2	4	2	2	2	1	1	3	3
2,313	10	11	6	5	7	11	9	7	4	4	2	10
2,681	10	11	8	5	5	5	5	5	5	4	4	9
1,202	9	9	7	5	4	5	6	6	7	5	6	6
80												
500	1	1	1									1
1,208	3	3	2	4	3	4	6	6	4	4	5	5
12,612	36	41	30	21	21	14	23	23	19	12	19	26
430	4	3	1	1		1	1	1	1	1	3	3
8,230	28	26	21	13	14	9	9	5	3	8	14	20
1,652	14	13	11	6	7	7	8	8	5	6	6	8
13,349	80	77	42	27	34	43	56	60	29	29	31	60
1,364	3	3	3	3	2	2	1	2	3	2	2	3
2,834	42	43	28	18	9	6	7	3	19	20	23	27
1,061	7	6	5	7	5	5	5	4	6	8	9	10
3,423	15	14	12	11	5	2	3	4	5	6	7	16
143												
851	4	4	1	1	3	9	13	13	2	2	1	2
680												
4,207	23	22	16	10	5	5	10	8	6	4	7	17
2,329	11	11	7	5	4	3	3	3	4	3	7	10
2,519	17	18	16	11	11	13	20	20	13	10	8	13
2,177	77	77	47	40	32	15	9	11	25	34	41	65
29,581	45	44	29	22	19	20	23	23	20	24	27	39
89	1	1	1	1	1	1	1	1		1	1	1
7,200	21	21	8	4		1	1	1		1	5	19
2,057	20	20	19	16	15	10	8	7	9	12	13	15
3,345	9	12	15	19	18	19	18	18	17	9	5	5
1,126	11	11	10	5	6	6	7	6	4	4	2	4
16,267	35	50	32	21	13	11	15	12	11	17	27	41
1,687	40	42	24	1	5	14	20	16	3	4	10	25
16,826	25	23	17	10	16	32	45	46	19	10	11	20
4,691	14	9	5	2	6	15	27	24	8	4	3	9
902	2	2	2	3	3	4	4	4	2	2	2	1
3,287	12	13	12	9	5	1	1	1	3	3	7	8
861	4	4	3	4	5	9	12	12	7	1	2	4
13,964	63	59	36	30	30	45	58	47	24	21	25	51
13,021	17	13	6	4	5	13	18	15	4	3	9	10
76	1					1	1	1	1	1	1	1
33,556	78	78	71	71	73	80	89	78	54	44	43	56
2,120												
23	1	1										1
614	17	16	7	3	4	13	14	13	2	1	6	16
118	4	3	1		2	3	3	3	3	3	4	4
3,760	31	25	16	9	10	11	22	21	13	7	12	26
571	4	4	4	6	8	9	10	10	10	9	5	2
824												
597	13	13	13	4	2	1	2	2	2	8	11	12
2,066	57	59	42	15	13	15	26	23	13	9	16	38
2,651	18	17	14	13	12	9	9	6	7	8	13	13
8,835	48	48	41	33	16	10	15	17	10	13	23	38
2,525	19	20	15	15	10	8	7	7	5	9	10	14
861	1	2	2	2	6	7	7	5	6	1	1	1
3,466	20	14	12	8	6	4	5	5	4	8	10	18

*Number people employed, hours of labor, months operating*

Number of inspection.	Name of county.	Number men under 18 employed.	Number men over 18 employed in office.	Number all other men employed.	Number women employed.	Whole number employed.	Average hours boys under 18 work per week.	Average hours men over 18 employed in offices work per week.	Average hours all other men employed work per week.	Average hours all women work per week.	Minimum number employed during year.
32	Midland.....	18	21	1,680	137	1,856	54	48.6	56	51.6	1,794
15	Missaukee.....			79	59	138			60	49.2	91
62	Monroe.....	23	97	2,441	354	2,915	51.4	48.3	57.2	51.1	2,541
149	Montcalm.....	31	24	1,233	404	1,692	50.4	55.3	60.1	48.6	1,253
16	Montmorency.....	1	1	39	3	44	54	60	59.8	52.6	38
260	Muskegon.....	349	458	11,202	1,610	13,619	53.7	50.8	56.4	53.1	13,411
53	Newaygo.....	5	14	425	78	522	52	56	64.3	51	439
285	Oakland.....	89	369	7,823	939	9,220	48.8	49.2	55.9	50.2	7,962
66	Oceana.....	3	15	374	102	494	54	59	59.5	51.4	263
24	Ogemaw.....			37	14	51			60	49.3	51
36	Ontonagon.....	5	20	1,124	19	1,168	54	53.7	51.4	48.5	1,143
66	Osceola.....	6	6	371	69	452	47.6	50	59.9	50.7	434
3	Oscoda.....			7	2	9			65.7	54	9
31	Otsego.....	6	9	402	47	464	50	61.6	57.4	53.4	464
217	Ottawa.....	165	155	4,739	936	5,995	53.9	53	57	52.5	5,480
37	Presque Isle.....	55	25	1,287	87	1,454	53.2	57.4	60	40.5	968
4	Roscommon.....		2	84		86			60		86
618	Saginaw.....	277	564	10,133	2,983	13,957	50	51.3	58	51	12,737
265	St. Clair.....	146	154	3,834	922	5,056	50.1	50.9	59.1	51.2	4,354
108	St. Joseph.....	37	135	2,977	587	3,736	49.1	53.2	57.5	52	3,411
117	Sanilac.....	33	23	662	211	929	54	58.2	61.1	51.2	393
52	Schoolcraft.....	20	41	1,955	68	2,084	50.5	51	62.6	51.2	1,955
192	Shiawassee.....	36	77	2,229	544	2,886	50.4	53.9	57.6	52.1	2,507
130	Tuscola.....	8	17	602	393	1,020	52.5	58.4	60.4	48.7	800
154	Van Buren.....	10	17	1,280	345	1,652	54	54.7	58.3	49.7	1,048
220	Washtenaw.....	63	137	3,558	649	4,407	52.7	50.8	56.6	50.5	3,833
3,099	Wayne.....	3,611	11,072	200,625	34,026	249,334	50.6	48	52.7	48.2	212,867
83	Wexford.....	48	96	1,591	236	1,971	54	53.2	60.5	52.7	1,929
14,262	Totals.....	8,114	21,777	450,154	76,012	556,057	52.4	49.2	54.7	50.3	483,614



at a minimum and maximum, power statistics.—Continued.

Maximum number employed during year.	Months operated at a minimum capacity.											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1,859			1	1	1	1	2	2	1			
138			2	1	1	3	3	3	2			1
3,237	11	10	4	2	1	3	6	4	3	2	4	11
1,702	6	7	8	8	9	9	10	8	8	6	4	5
44					2	2	2	2	1	1	1	
13,688	2	3	2	2		1	2	2	2	1	1	1
714	9	9	7	6	5	6	5	4	2	3	3	5
10,119	46	46	35	26	17	11	17	18	18	20	26	38
1,133	18	18	14	9	9	14	15	13	8	8	9	12
51												
1,173	1	1	1	1	1	1			1	1	1	1
503	4	5	5	4	4	3	4	4	3	2	3	3
9												
464												
6,372	13	13	8	5	3	3	7	7	6	7	10	8
1,454	2	2	3	1	1	1	1	1	1	1	1	1
256												
14,772	14	12	8	5	5	9	13	14	2	4	8	10
5,919	82	82	57	27	16	33	58	49	21	23	32	56
3,807	4	3	1		1	3	3	3	1	1	1	5
1,040	26	25	18	17	11	14	24	20	4	1	8	19
2,115	6	8	5	3	2	2	4	4	2	2	2	5
3,133	8	8	6	5	13	19	21	21	19	16	8	7
1,022						9	12	12	4			
1,645	18	15	11	9	8	7	8	6	7	7	14	17
4,703	12	13	10	13	11	14	22	23	13	7	7	9
260,888	407	385	178	75	97	224	386	371	100	66	105	292
2,040	3	2	1	1		2	2	2	1	1	1	4
687,967	1,721	1,688	1,115	752	709	934	1,299	1,211	658	587	751	1,316

## DEPARTMENT OF LABOR.

Number people employed, hours of labor, months operating

Number of inspection.	Name of county.	Months operated at a maximum capacity.											
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
21	Alcona.....	7	7	2	2	1	1	2	2	2	3	6	7
40	Alger.....	2	2	2	3	1	3	3	3	4	4	5	2
194	Allegan.....	3	2	7	10	9	4	8	11	17	12	12	3
133	Alpena.....	5	4	6	10	10	10	10	10	9	10	11	5
86	Antrim.....	4	4	6	8	9	8	7	7	6	8	7	5
21	Arenac.....												
21	Baraga.....				1	1	1	1	1	1	1	1	
87	Barry.....				5	6	5	3	2	4	4	4	4
453	Bay.....	28	23	34	43	44	48	43	43	46	53	47	41
38	Benzie.....		1	2	3	3	2	3	3	3	3	1	1
240	Berrien.....	6	7	10	18	16	22	23	28	29	25	18	11
102	Branch.....	7	9	9	12	12	12	11	12	15	14	13	14
399	Calhoun.....	50	49	44	69	68	77	67	64	69	70	68	64
60	Cass.....	1	2	2	1	2	2	3	3	2	2	2	1
138	Charlevoix.....	6	6	6	9	25	34	45	42	13	10	9	8
81	Cheboygan.....	5	6	7	5	7	7	8	8	6	4	3	2
148	Chippewa.....	4	5	7	9	14	17	17	17	14	14	12	4
41	Clare.....												
98	Clinton.....												
29	Crawford.....	9	10	12	12	10	6	2	1	11	11	12	10
135	Delta.....	12	12	18	24	29	30	25	27	29	31	27	17
100	Dickinson.....	2	2	2	4	5	10	10	10	5	6	2	3
174	Eaton.....	14	13	14	20	19	17	10	10	17	20	22	18
158	Emmet.....	7	6	7	14	37	62	76	69	31	12	12	10
261	Genesee.....	24	20	28	36	39	33	39	40	37	31	35	24
29	Gladwin.....									1			
122	Googebie.....	2	2	2	6	11	22	22	21	10	9	5	4
107	Grand Traverse.....	6	6	6	9	10	14	18	19	17	14	12	9
157	Gratiot.....	14	11	8	4	5	4	5	5	6	14	18	17
95	Hillsdale.....	6	5	5	7	8	9	9	9	14	11	11	8
360	Houghton.....	17	15	17	26	35	51	52	51	38	33	25	23
126	Huron.....	23	11	13	24	36	38	39	37	31	28	29	25
394	Ingham.....	42	45	48	55	47	32	23	22	46	54	52	45
245	Ionia.....	19	24	28	29	25	16	6	9	22	27	28	24
40	Iosco.....	4	4	3	3	3	2	2	2	4	5	4	4
91	Iron.....	1	1	1	4	7	12	12	13	10	10	5	4
78	Isabella.....	10	10	11	10	9	5	2	2	7	12	12	10
257	Jackson.....	38	41	50	57	56	56	47	54	59	60	60	49
305	Kalamazoo.....	12	13	19	22	21	14	10	11	21	22	19	19
14	Kalkaska.....		1	1	1	1							
962	Kent.....	95	97	99	93	96	97	87	96	117	128	122	121
12	Keweenaw.....												
11	Lake.....			1	1	1	1	1	1	1	1	1	
88	Lapeer.....	10	10	7	7	11	12	14	13	14	14	13	11
22	Leelanau.....		1	3	4	2	1	1	1	1	1		
167	Lenawee.....	14	15	17	21	22	27	19	17	19	25	17	16
52	Livingston.....	5	5	5	7	5	5	3	3	3	4	7	10
16	Luce.....												
37	Mackinac.....	1	1	2	10	12	13	12	12	13	6	3	2
185	Macomb.....	26	21	21	31	37	46	52	55	55	29	23	28
90	Manistee.....	4	4	9	10	10	13	13	16	14	15	10	9
276	Marquette.....	10	10	16	23	38	48	49	49	46	41	30	18
105	Mason.....	10	9	9	11	14	16	21	17	16	12	12	13
72	Mecosta.....	7	7	6	6	3	2	2	3	3	7	7	7
95	Menominee.....	5	10	11	14	16	19	18	18	19	15	13	7

at a minimum and maximum, power statistics.—Continued.

Number accidents during year.	Kind of power used.					Estimated H. P.	Number boilers used.	Are boilers insured?	Are boilers equipped with low water alarm?
	Electric.	Steam.	Gasoline.	Water.	Rentod.				
		3	10			176	3	3	3
257	15	7	1			7,013	34	34	34
47	44	44	43	15		11,237	84	56	81
101	40	37	4	3		17,517	78	67	71
	12	10	15	5		2,898	17	10	13
2	2	3	8			486	8	2	8
66	2	4	5	2		1,715	12	12	12
28	39	20	14	2		2,525	29	17	28
209	160	80	14			26,681	181	156	174
2	6	11	10	4		2,241	17	11	17
759	145	62	13	8		18,460	106	79	100
46	49	29	9	1		7,382	69	69	69
270	198	62	23	11		33,100	136	116	134
161	19	18	12	2		2,836	32	20	31
79	35	27	18	3	3	10,724	67	58	56
4	4	8	1	1		1,251	13	6	13
30	55	35	9	2		46,706	113	72	79
	18	1	4	1		971	2	2	2
7	41	26	18	1		2,363	36	23	31
80	9	8	1			2,194	26	26	26
373	56	27	3	2		15,682	117	108	115
456	28	10	4	2		21,219	54	50	53
22	75	23	32	5		9,974	49	45	49
25	35	41	20	5		8,507	68	53	55
16,488	137	46	16	5		59,646	111	92	108
	16	4		20		751	4	3	5
1,724	46	11	2			13,939	90	84	88
15	56	18	4	3		7,148	31	22	31
4	54	22	45	3		9,793	48	37	45
39	34	26	20	2		4,480	33	25	33
1,390	151	54	8			84,828	334	324	332
98	20	29	63			8,111	56	46	56
7,975	233	48	27	2		33,374	111	100	100
54	89	35	37	12	1	8,790	56	47	51
4	8	6	19			1,610	19	17	19
1,019	34	21	2	1		32,757	76	76	76
	28	10	10	4		3,346	21	15	20
704	142	69	20	3		25,461	129	117	127
806	178	74	11	2		32,515	182	168	178
	3	2	4	2		463	4	2	4
980	556	174	37	18		70,483	334	282	326
292	3	3				7,215	57	57	57
			6	1		70	1		1
11	34	20	34	2		2,219	40	17	28
	3	7	6	1		645	8	2	8
71	91	53	9	5		12,431	106	94	105
67	19	12	12	1		2,330	23	20	23
2	4	6	2			3,784	28	26	26
7	2	13	4	2		2,767	31	20	31
62	94	36	14	2		18,164	74	38	66
416	28		15	1		10,710	91	83	90
1,243	107	51	8	1		29,106	154	106	124
28	56	12	3	1		11,874	40	35	39
	29	11	15	6		6,305	13	11	13
96	52	28	3	2		20,342	101	91	94

## DEPARTMENT OF LABOR.

Number people employed, hours of labor, months operating

Number of inspection.	Name of county.	Months operated at a maximum capacity.											
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
32	Midland.....	3	3	2	2	2	2	1	1	2	3	3	3
15	Missaukee.....	3	3	1	1	1	1	1	1	2	2	2	2
62	Monroe.....	6	7	11	15	16	14	11	13	14	15	13	8
149	Montcalm.....	6	7	7	6	5	5	4	6	6	10	10	9
16	Montmorency.....	2	2	2	2				6	1	1	1	2
260	Muskegon.....	1	1	1	1	2	2	2	2	2	3	4	1
53	Newaygo.....	3	2	3	4	6	5	6	8	8	7	7	4
285	Oakland.....	10	9	19	27	37	44	37	36	38	34	30	17
66	Oceana.....	4	4	7	12	10	7	10	11	15	12	11	9
24	Ogemaw.....												
36	Ontonagon.....						1	1	1	1			
66	Osceola.....	2	1	1	2	2	3	2	2	3	4	3	3
3	Oscoda.....												
31	Otsego.....												
217	Ottawa.....	8	7	13	16	18	18	14	14	15	14	11	13
37	Presque Isle.....	1	1		1	1	2	2	2	2	2	1	1
4	Roscommon.....	1	1	1	1	1						1	1
618	Saginaw.....	15	16	15	18	19	19	17	15	20	20	20	19
265	St. Clair.....	52	51	59	77	91	88	85	89	98	87	77	79
108	St. Joseph.....	3	4	6	7	6	4	4	4	6	6	6	2
117	Sanilac.....	18	17	21	19	25	26	23	24	31	36	33	29
52	Schoolcraft.....	3	2	4	5	6	6	5	5	7	7	6	3
192	Shiawassee.....	21	21	23	24	16	9	7	6	9	12	21	22
130	Tuscola.....	13	13	13	13	13	4	1		9	13	13	13
154	Van Buren.....		3	6	11	11	14	13	19	20	18	12	4
220	Washtenaw.....	23	20	21	21	24	21	14	15	23	26	25	24
3,099	Wayne.....	288	316	518	620	585	405	317	334	580	633	546	348
83	Wexford.....	2	3	3	3	4	4	4	4	3	3	3	1
14,262	Totals.....	1,066	1,085	1,401	1,716	1,804	1,685	1,534	1,579	1,887	1,908	1,721	1,350

at a minimum and maximum, power statistics.—Concluded.

Number accidents during year.	Kind of power used.					Estimated H. P.	Number boilers used.	Are boilers insured?	Are boilers equipped with low water alarms?
	Electric.	Steam.	Gasoline.	Water.	Rented.				
32	19	4	2			10,541	32	32	32
6	1	3	9			996	6	5	6
217	27	32	2			22,472	92	86	92
4	33	29	42	3		1,868	24	15	23
		2	2	6		310	2		2
268	120	41	14	1	1	21,546	89	81	86
906	20	6	10	4		14,653	10	8	10
2	164	42	17	2		24,279	100	69	90
	29	9	6	4		1,306	19	14	19
			6			88			
31	4	8	3	2		6,759	21	20	21
	16	15	8	1		1,781	20	16	20
25	2	8	8			6,343			
240	130	62	8			1,405	18	16	17
41	4	12	9			6,614	28	19	28
12		2	1			185	4	4	3
1,037	249	98	36	2	2	25,624	202	191	194
1,297	113	62	29	1		26,547	139	118	130
552	69	22	2	12		10,102	43	49	43
4	22	24	51			5,534	44	32	43
116	16	19	4	1		7,782	54	40	53
107	67	42	18	2		7,031	65	46	63
	4	31	62	1		6,109	66	59	61
33	45	41	37	8		3,947	59	32	60
541	101	43	5	4		9,324	71	58	63
15,917	1,709	568	24	2	166	336,288	1,299	1,253	1,288
65	26	21	2			8,674	51	47	49
58,072	6,342	2,737	1,171	233	173	1,358,766	6,412	5,527	6,146

Statistics pertaining to seventy

Number of inspection.	Name of city.	Number men employed as superintendents.	Number who receive wages.	Average daily wages.	Number foremen employed.	Number who receive wages.	Average daily wages.	Number boys employed under 16.	Number who receive wages.
66	Adrian	70	37	\$5 34	94	91	\$3 74	6	6
62	Albion	47	8	5 74	82	79	4 12	10	10
59	Allegan	56	14	3 83	15	15	3 37		
40	Alma	48	16	5 64	69	69	4 01	1	1
125	Alpena	87	8	5 36	66	52	4 18	1	1
111	Ann Arbor	125	59	4 83	74	74	4 01	5	5
245	Battle Creek	176	88	5 57	338	330	4 33	23	23
421	Bay City	514	143	5 37	345	345	3 88	15	15
51	Belding	53	20	4 16	53	50	3 31	10	10
87	Benton Harbor	103	33	5 61	89	81	4 42	2	2
29	Bessemer	32	2	4 17	35	35	4 24		
50	Big Rapids	51	18	4 07	15	15	3 42		
42	Boyer City	49	17	6 81	28	28	4 02	2	2
73	Cadillac	73	35	5 81	69	67	3 85	1	1
99	Calumet	106	23	9 31	149	148	7 30	10	10
41	Charlevoix	43	8	4 59	10	8	3 06		
56	Charlotte	65	13	3 80	34	34	3 00	3	3
63	Cheboygan	59	10	6 25	31	29	3 41	1	1
65	Coldwater	67	20	4 52	39	38	3 15	12	12
26	Crystal Falls	31	15	6 65	19	19	4 46		
2,876	Detroit	3,060	1,048	7 94	6,080	6,030	5 36	432	432
34	East Jordan	37	8	4 84	20	20	3 82		
109	Escanaba	111	30	5 03	51	51	3 46	6	6
162	Flint	230	116	5 90	810	809	5 10	7	7
53	Grand Haven	64	18	6 08	76	75	4 77	3	3
768	Grand Rapids	827	387	5 67	1,108	1,106	4 16	99	99
51	Greenville	57	19	4 28	27	27	3 80	5	5
23	Hamtramck	37	30	14 99	309	309	5 87	3	3
94	Hancock	96	10	5 39	62	61	5 06	7	7
44	Hastings	50	15	4 88	44	44	3 64	3	3
24	Highland Park	13	6	9 08	75	74	4 97		
42	Hillsdale	39	14	4 54	32	31	3 96	1	1
90	Holland	91	29	6 06	121	116	4 02	25	25
70	Houghton	88	34	5 47	94	94	4 16	19	19
70	Ionia	74	29	3 15	76	75	4 54	5	5
71	Iron Mountain	85	10	5 15	48	48	4 46		
51	Iron River	60	10	5 09	49	49	4 86		
75	Ironwood	91	11	5 55	162	162	5 28	2	2
86	Ishpeming	88	27	4 35	86	86	4 14	6	6
212	Jackson	193	139	5 60	428	422	4 23	41	41
263	Kalamazoo	105	72	6 55	467	466	4 31	13	13
338	Lansing	384	128	6 18	457	441	4 20	28	28
84	Ludington	103	18	5 58	68	68	3 65	16	16
68	Manistee	78	30	5 19	66	66	3 69	10	10
48	Manistique	52	18	5 76	30	30	4 80	2	2
110	Marquette	124	33	7 05	85	84	3 93	6	6
62	Marshall	53	16	4 75	27	26	3 66	1	1
78	Menominee	92	40	5 42	80	80	3 94	11	11
23	Midland	42	23	8 84	71	71	3 54		
39	Monroe	42	28	5 93	121	121	4 41	3	3
86	Mt. Clemens	87	38	4 31	36	36	3 54	8	8
47	Mt. Pleasant	53	17	4 12	21	21	3 46	2	2
39	Munising	42	8	5 61	40	40	3 82	1	1
201	Muskegon	202	67	5 60	310	302	3 85	59	59
22	Muskegon Heights	28	14	6 84	99	97	4 72	22	22

of Michigan's leading cities.

Average daily wages.	Number boys employed between 16 and 18.	Number who receive wages.	Average daily wages.	Number men over 18 employed in office.	Number who receive wages.	Average daily wages.	Number men over 18 employed on skilled labor.	Number who receive wages.	Average daily wages.	Number other men over 18 employed.	Number who receive wages.	Average daily wages.
\$1 22	31	31	\$1 48	91	90	\$4 14	592	592	\$3 20	648	643	\$2 45
1 57	20	20	2 05	55	47	3 29	930	924	3 42	890	890	2 71
1 25	33	33	2 51	9	7	3 08	42	42	3 01	316	316	2 39
0 40	42	42	1 24	157	157	3 49	537	537	2 99	1,256	1,256	2 09
1 05	25	25	2 74	93	92	4 14	813	813	3 44	1,166	1,166	2 82
1 15	101	101	1 51	499	496	4 27	3,123	3,123	3 23	3,179	3,179	2 77
1 33	157	157	1 55	532	532	3 35	3,293	3,292	3 19	4,500	4,499	2 54
1 31	27	27	1 72	11	10	3 36	258	254	2 60	309	309	2 42
1 02	36	36	1 39	130	127	4 61	879	877	3 63	1,320	1,302	2 92
1 08	6	6	1 25	27	27	3 96	306	308	2 24	179	179	1 78
1 50	7	7	1 76	22	21	3 97	231	231	3 39	927	927	2 39
1 06	47	46	1 63	96	96	4 52	593	593	2 98	829	829	2 54
1 06	117	117	1 81	76	76	4 04	1,079	1,077	3 79	6,808	6,808	3 42
0 75	16	16	1 20	13	13	3 01	54	54	3 10	69	69	2 32
1 50	4	4	1 38	28	28	3 47	358	353	3 11	223	223	2 43
0 45	2	2	1 75	21	21	3 57	165	165	3 14	557	557	2 44
1 58	1	1	0 50	28	28	3 37	215	214	2 70	344	344	2 27
0 92	2,756	2,756	1 96	15	15	4 23	396	396	3 35	167	167	3 12
2 00	64	64	1 23	9	9	4 37	334	334	2 54	277	277	2 40
0 79	121	121	1 96	60	59	3 33	228	227	3 12	790	790	2 38
1 31	19	19	2 10	1,208	1,208	5 65	11,503	11,503	4 46	9,551	9,551	3 14
1 20	559	559	1 56	63	63	5 52	660	660	3 36	776	776	2 81
1 20	11	11	1 35	1,336	1,310	3 95	10,945	10,944	3 03	8,983	8,983	2 47
1 39	181	181	1 94	17	17	2 86	142	142	3 09	473	473	2 30
0 88	40	40	1 52	539	537	5 65	11,273	11,272	4 57	4,776	4,776	2 97
1 44	8	8	1 75	63	63	3 82	1,082	1,079	3 68	1,227	1,227	3 09
0 75	30	30	2 81	24	23	3 41	270	270	2 63	357	357	2 46
1 32	4	4	1 62	88	88	3 96	2,200	2,200	3 23	854	854	2 76
2 33	89	89	1 76	45	36	3 37	366	366	3 33	149	149	2 38
1 70	24	24	1 94	67	61	3 52	776	776	3 17	1,468	1,468	2 38
1 39	41	41	1 61	154	154	3 16	621	621	3 68	1,300	1,300	3 11
0 59	8	8	1 58	43	38	3 77	783	776	3 37	751	750	2 87
1 83	6	6	1 89	33	33	3 84	949	949	3 32	574	574	3 13
1 29	33	33	2 04	18	18	3 74	294	294	3 51	543	543	3 25
1 00	25	25	1 34	100	100	3 75	3,067	3,067	3 73	1,405	1,405	3 03
1 83	206	206	1 86	138	138	3 93	1,087	1,086	3 74	966	965	2 91
1 14	81	81	1 55	486	486	3 74	6,124	6,124	3 63	3,593	3,593	2 53
0 91	123	123	2 14	467	463	4 88	4,406	4,406	3 21	3,428	3,428	2 49
1 02	9	9	1 16	716	689	4 35	10,589	10,589	3 36	2,443	2,443	2 77
1 00	53	53	1 15	53	50	3 56	335	335	2 91	874	874	2 12
0 58	18	18	2 08	60	60	3 89	502	502	3 03	1,157	1,157	2 22
2 00	8	8	1 86	39	38	4 53	198	198	3 39	1,561	1,561	3 01
1 25	66	66	1 95	105	105	3 26	434	434	3 20	1,371	1,371	2 70
1 75	18	18	2 40	39	36	3 79	308	306	3 39	129	129	2 52
1 47	20	20	2 06	100	99	4 18	475	475	3 80	1,493	1,493	2 77
0 96	43	43	1 80	20	20	3 88	305	305	3 57	1,239	1,239	3 02
2 00	7	7	1 34	93	88	4 66	371	371	4 27	1,833	1,833	3 20
1 47	7	7	2 09	32	32	3 80	375	375	3 97	587	587	2 82
1 50	7	7	2 46	19	18	3 90	93	93	2 66	224	224	2 28
1 47	148	148	1 94	27	27	4 71	141	140	3 74	744	744	3 74
1 50	105	105	2 46	387	387	3 83	3,913	3,912	3 47	4,090	4,089	2 76
				67	66	3 53	1,420	1,420	3 42	809	809	2 63

*Statistics pertaining to seventy of*

Number of inspection.	Name of city.	Number men employed as superintendents.	Number who receive wages.	Average daily wages.	Number foremen employed.	Number who receive wages.	Average daily wages.	Number boys employed under 16.	Number who receive wages.
60	Negaunee .....	74	8	\$4 68	69	69	\$4 50	1	1
40	Niles .....	42	13	5 52	38	37	4 66	4	4
117	Owosso .....	114	38	5 20	109	97	3 72	3	3
85	Petoskey .....	86	13	3 93	32	28	3 12	.....	.....
110	Pontiac .....	146	70	5 22	191	189	4 29	4	4
154	Port Huron .....	162	81	4 90	153	145	4 04	17	17
483	Saginaw .....	502	156	5 57	395	389	4 04	28	28
112	Sault Ste. Marie .....	108	2	8 00	84	84	5 49	.....	.....
42	St. Johns .....	46	10	4 89	15	14	3 91	3	3
43	St. Joseph .....	47	18	5 70	50	46	4 29	22	22
40	Sturgis .....	25	17	5 14	64	64	3 99	5	5
27	Three Rivers .....	15	12	4 77	25	25	4 69	.....	.....
100	Traverse City .....	111	40	4 85	49	49	3 66	5	5
38	Wyandotte .....	41	12	6 53	96	96	4 10	11	11
54	Ypsilanti .....	67	35	4 70	37	37	3 59	8	8



Michigan's leading cities.—Continued.

Average daily wages.	Number boys employed between 16 and 18.	Number who receive wages.	Average daily wages.	Number men over 18 employed in office.	Number who receive wages.	Average daily wages.	Number men over 18 employed on skilled labor.	Number who receive wages.	Average daily wages.	Number other men over 18 employed.	Number who receive wages.	Average daily wages.
0 33	6	6	\$1 33	34	34	\$2 97	620	620	\$3 69	1,166	1,166	\$3 40
1 75	22	22	1 97	67	65	4 72	359	359	3 64	558	558	2 62
1 31	28	28	1 72	64	64	3 87	845	844	3 25	757	757	2 73
.....	7	6	0 96	22	16	3 95	157	154	2 94	277	277	2 23
0 81	65	65	2 38	331	331	4 63	4,226	4,226	4 12	1,979	1,979	3 57
1 02	72	72	1 57	124	121	3 52	1,209	1,209	3 39	1,300	1,300	3 02
1 30	212	212	1 59	540	538	4 15	5,027	5,026	3 24	3,457	3,449	2 72
.....	12	12	1 28	96	94	3 76	744	743	4 04	1,222	1,221	3 04
1 42	2	2	2 25	11	9	3 11	101	101	3 35	260	260	3 20
0 73	19	19	1 56	44	42	5 11	312	309	3 41	567	567	2 51
1 20	16	16	1 69	45	44	4 92	978	978	3 06	234	234	2 32
.....	12	12	1 94	66	66	4 86	679	679	3 25	466	466	2 31
1 54	21	21	1 57	78	78	3 31	415	415	2 69	686	686	2 52
1 72	82	82	2 55	64	64	4 19	1,149	1,149	4 24	1,739	1,739	3 37
1 14	22	22	1 57	23	23	4 84	228	228	3 31	283	283	2 48

## Statistics pertaining to seventy of

Number of inspection.	Name of city.	Number women employed as superintendents.	Number who receive wages.	Average daily wages.	Number females employed.	Number who receive wages.	Average daily wages.	Number girls under 16 employed.
66	Adrian	3	1	\$1 50	5	5	\$2 13	2
62	Albion	3			1	1	2 50	
59	Allegan	8						
40	Alma	3			1	1	3 00	
125	Alpena	2			8	8	1 19	4
111	Ann Arbor	7	4	2 56	7	6	2 38	2
245	Battle Creek	7	4	3 35	48	48	2 14	2
421	Bay City	51	18	2 27	22	21	2 01	2
51	Beiding	5	4	2 52	11	10	1 94	8
87	Benton Harbor	2	2	2 00	4	4	1 45	
29	Bessemer	3						
50	Big Rapids				2	2	1 25	6
42	Boyer City	3			1	1	1 33	
73	Cadillac	9	3	2 28	8	8	2 19	
99	Calumet	7	1	2 80	3	2	3 50	
41	Charlevoix	3			2	2	1 75	
56	Charlotte	7	2	1 15				
63	Cheboygan	4	1	3 06	2			
65	Coldwater	3	3	1 98	6	6	2 08	
26	Crystal Falls	2	1	1 75				
2,876	Detroit	189	68	3 32	602	600	2 41	146
34	East Jordan	1			1	1	1 00	
109	Escanaba	2			3	3	1 98	
162	Flint	8	7	2 67	31	31	2 38	
53	Grand Haven	2	1	2 25	4	4	2 01	11
768	Grand Rapids	31	17	3 31	105	105	1 96	44
51	Greenville	1			2		2 00	3
23	Hamtramck				21	21	2 48	1
94	Hancock	6						
44	Hastings	3			3	3	2 79	
24	Highland Park	3			1	1	2 50	
42	Hilledale	4	2	2 00	1	1	2 00	
90	Holland	2	3	2 70	9	9	2 02	6
70	Houghton	4	3	3 82	1	1	2 50	
70	Ionia	5	2	1 56	2	2	2 66	2
71	Iron Mountain	3	1	2 40				1
51	Iron River	5						
75	Ironwood	1			1	1	2 00	
86	Ishpeming	4			1	1	1 33	
212	Jackson	13	10	2 40	33	33	2 06	16
263	Kalamazoo	2	2	3 08	51	51	2 11	18
338	Lansing	10	4	2 04	19	19	1 81	1
84	Ludington	8			5	5	1 73	2
68	Manistee	3	2	1 75	5	5	1 70	12
48	Manistique	1			2	2	1 67	
110	Marquette	7	1	2 30	4	4	2 12	
62	Marshall	4	2	2 08	2	2	2 17	1
78	Menominee	2			7	7	1 77	3
23	Midland	2			1	1	2 00	
39	Mouroe				2	2	2 50	8
86	Mt. Clemens	10	3	2 32	3	2	1 85	
47	Mt. Pleasant	1			2	2	1 41	3
39	Munising	4			1	1	1 50	
201	Muskegon	10	2	2 08	34	33	1 74	23
22	Muskegon Heights				2	2	2 20	1

Michigan's leading cities.—Continued.

Number who receive wages.	Average daily wages.	Number women over 16 employed in office.	Number who receive wages.	Average daily wages.	Number other women over 16 employed.	Number who receive wages.	Average daily wages.	Whole number employed.	Number who receive wages.	Aggregate daily wages.	Average daily wages.
2	\$1 50	111	111	\$1 82	303	303	\$1 77	1,056	1,919	\$5,199 55	\$2 71
		50	50	1 93	142	142	1 57	2,230	2,171	6,479 20	2 99
		21	21	1 58	60	58	1 08	529	473	1,106 94	2 34
		108	108	1 32	170	170	1 52	2,383	2,348	6,383 59	2 72
4	0 86	51	48	1 62	233	233	0 95	2,402	2,296	5,303 58	2 31
2	1 00	84	84	2 02	309	309	1 56	2,710	2,639	7,797 97	2 95
5	1 67	437	437	1 97	1,184	1,184	1 58	9,120	9,016	25,972 55	2 88
7	0 92	424	418	1 75	1,104	1,103	1 29	10,964	10,549	29,339 63	2 68
8	1 01	18	18	1 81	791	791	1 69	1,554	1,511	3,152 78	2 09
		140	139	1 74	369	366	1 95	3,074	2,969	12,207 83	4 11
		12	10	1 96	11	11	1 23	996	940	3,301 96	3 52
6	0 50	30	28	1 24	119	119	1 00	743	708	1,383 35	1 95
		9	8	1 78	14	14	1 09	1,293	1,256	3,344 71	2 66
		32	32	1 90	182	182	1 36	1,939	1,892	5,156 96	2 72
		28	28	1 46	111	111	1 52	8,494	8,401	29,737 98	3 54
		11	9	1 58	47	47	1 00	252	210	502 00	2 39
		28	27	1 66	186	186	1 27	943	885	2,237 79	2 53
		13	12	1 94	38	38	1 21	895	838	2,202 46	2 62
		33	33	1 68	259	259	1 33	1,008	953	2,071 86	2 17
		1	1	1 80	11	11	1 22	643	626	2,112 01	3 37
146	1 23	7,258	7,239	2 36	24,072	23,006	1 87	216,383	213,793	766,665 71	3 50
		5	4	2 00	45	45	1 02	729	698	1,721 31	2 47
		62	61	1 27	243	242	1 15	1,620	1,533	3,557 31	2 32
		731	730	2 46	1,605	1,605	2 28	25,805	25,688	98,707 16	3 84
11	1 35	34	34	2 18	247	247	1 69	1,961	1,910	5,765 25	3 02
43	1 18	1,094	1,068	2 03	3,748	3,740	1 45	28,879	28,381	75,104 90	2 65
3	0 88	38	37	1 39	120	120	1 26	896	855	1,987 18	2 32
1	1 33	385	385	2 41	797	797	2 34	18,322	18,313	74,176 41	4 05
		49	48	1 69	56	55	1 45	2,688	2,590	8,596 85	3 32
		34	33	1 84	141	140	1 52	937	896	2,271 62	2 53
		48	48	2 57	63	63	1 58	3,375	3,364	10,543 44	3 13
		34	34	1 90	48	48	1 25	723	686	2,015 04	2 94
6	0 88	110	109	1 88	384	384	1 42	3,148	3,071	7,819 23	2 55
		75	74	1 81	49	49	1 07	2,429	2,373	7,684 31	3 24
1	0 84	45	42	2 05	341	339	1 72	2,168	2,090	5,955 08	2 85
1	1 50	21	20	1 65	31	31	0 99	1,753	1,675	5,419 71	3 23
		12	12	1 45	24	24	1 18	1,011	956	3,212 93	3 36
		41	40	1 78	60	60	1 25	4,963	4,881	17,199 70	3 52
		26	26	2 01	68	67	1 14	2,495	2,427	7,814 67	3 22
16	1 29	477	477	1 85	1,151	1,151	1 39	12,769	12,698	38,753 53	3 05
18	1 32	461	461	2 09	2,460	2,460	1 61	11,959	11,921	32,691 22	2 75
1	0 84	481	475	2 03	923	923	1 72	16,174	15,865	50,916 51	3 21
2	0 68	60	60	1 51	296	296	1 21	1,820	1,733	3,839 84	2 22
12	0 62	45	45	1 54	278	278	1 04	2,269	2,220	5,165 71	2 33
		12	12	2 39	53	53	1 36	1,968	1,931	5,954 36	3 08
		73	72	1 23	112	112	1 44	2,389	2,288	6,375 17	2 78
1	2 25	79	79	1 55	46	46	1 38	697	652	1,882 39	2 89
3	1 22	89	89	1 93	268	267	1 27	2,686	2,630	7,351 87	2 80
		23	23	1 97	55	55	1 45	1,776	1,755	5,527 13	3 15
8	1 23	88	88	2 26	201	201	1 60	2,782	2,763	9,082 89	3 29
		32	32	1 94	176	176	1 94	1,389	1,332	3,991 47	2 96
		55	55	1 43	149	149	1 12	629	591	1,232 69	2 06
		7	7	1 70	76	74	1 49	1,090	1,049	2,964 30	2 82
23	1 13	292	291	1 74	1,090	1,090	1 50	10,558	10,403	30,815 19	2 96
1	1 00	42	41	2 01	61	60	1 45	2,656	2,637	8,222 42	3 12

## DEPARTMENT OF LABOR.

Statistics pertaining to seventy of

Number of inspection.	Name of city.	Number women employed as superintendents.	Number who receive wages.	Average daily wages.	Number females employed.	Number who receive wages.	Average daily wages.	Number girls under 16 employed.
60	Negaunee .....	1			1	1	\$1 66	
40	Niles .....	1			5	5	1 90	
117	Owosso .....	3			10	9	1 88	4
85	Petoskey .....	15	4	\$1 66	2	2	1 38	
110	Pontiac .....	6	4	2 50	12	12	1 80	
154	Port Huron .....	11	5	2 75	24	24	1 95	17
483	Saginaw .....	44	11	2 31	45	44	2 29	18
112	Sault Ste. Marie .....	3			4	4	1 83	
42	St. Johns .....	2			1	1	1 44	1
43	St. Joseph .....	3	3	2 28	9	9	1 82	22
40	Sturgis .....				2	2	2 75	
27	Three Rivers .....	1	1	1 50	1	1	2 00	
100	Traverse City .....	9			11	11	1 65	
38	Wyandotte .....				4	4	2 37	
54	Ypsilanti .....	6	4	3 31	3	3	2 25	10

Michigan's leading cities.—Concluded.

Number who receive wages.	Average daily wages.	Number women over 16 employed in office.	Number who receive wages.	Average daily wages.	Number other women over 16 employed.	Number who receive wages.	Average daily wages.	Whole number employed.	Number who receive wages.	Aggregate daily wages.	Average daily wages.
.....	.....	17	17	\$1 24	• 11	11	\$1 34	2,000	1,932	\$6,732 96	3 48
.....	.....	41	41	1 98	211	211	1 66	1,348	1,315	3,966 01	3 02
4	\$1 36	114	112	1 68	197	197	1 67	2,248	2,153	6,211 50	2 89
.....	.....	31	26	1 98	56	52	1 27	685	578	1,404 76	2 43
.....	.....	314	314	1 74	305	305	2 97	7,579	7,499	28,080 66	3 75
.....	.....	104	104	1 88	553	553	1 52	3,746	3,648	10,671 27	2 93
17	1 14	653	652	1 87	1,945	1,936	1 49	12,866	12,459	34,954 37	2 80
18	1 06	83	81	2 16	123	122	1 42	2,478	2,363	7,921 09	3 35
.....	.....	17	17	1 89	101	101	1 33	560	519	1,458 34	2 81
1	2 00	58	56	1 85	476	476	1 58	1,629	1,589	3,934 68	2 48
22	0 93	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	49	49	1 98	185	185	1 56	1,603	1,594	4,522 04	2 83
.....	.....	78	78	1 82	89	89	1 42	1,432	1,429	4,071 88	2 85
.....	.....	49	49	1 99	343	340	1 40	1,777	1,694	4,116 28	2 42
.....	.....	27	27	2 66	144	144	1 94	3,357	3,328	12,163 79	3 65
10	0 81	26	26	2 33	157	157	1 47	870	836	2,227 48	2 66

## Statistics of seventy cities, minimum and

Number of inspection.	Name of city.	Number men under 18 employed.	Number men over 18 employed in office.	Number all other men employed.	Number women employed.	Whole number employed.	Average hours boys under 18 work per week.	Average hours men over 18 employed in offices work per week.	Average hours all other men employed work per week.
66	Adrian.....	37	91	1,404	424	1,956	48.5	48.7	59.4
62	Albion.....	30	55	1,949	196	2,230	51.2	52.2	63.3
59	Allegan.....	2	9	429	89	529	54	55.1	58.8
40	Alma.....	34	157	1,910	282	2,383	41.4	52	60.2
125	Alpena.....	43	53	2,008	298	2,402	53.7	50.4	59
111	Ann Arbor.....	30	93	2,178	409	2,710	53	51	55.7
245	Battle Creek.....	124	489	6,816	1,081	9,120	50.3	50.5	57.8
421	Bay City.....	172	532	8,652	1,608	10,964	54	54.9	62
51	Belding.....	37	11	673	833	1,554	52.1	57	55
87	Benton Harbor.....	38	130	2,391	515	3,074	50.7	51.2	56.8
20	Bessemer.....	1	10	939	26	976	54	44	51
50	Big Rapids.....	6	27	553	157	743	54	51	52.5
42	Boyer City.....	9	22	1,235	27	1,293	50.6	53.3	62.1
73	Cadillac.....	48	96	1,564	231	1,939	52.4	55.1	59.6
99	Calumet.....	127	76	8,142	149	8,494	52.6	49.3	49.1
41	Charlevoix.....	13	170	170	63	252	54.7	64.8	64.8
56	Charlotte.....	19	28	675	221	943	45.4	51.8	58.2
63	Cheboygan.....	5	21	812	57	895	55.2	50.4	57.6
65	Coldwater.....	14	28	666	301	1,008	54	55.6	59.3
26	Crystal Falls.....	1	15	613	14	643	14	49.6	51.8
2,876	Detroit.....	3,188	10,137	170,791	32,267	216,383	50.3	48.2	52.6
34	East Jordan.....	9	9	668	52	729	51.3	61.3	63.2
109	Escanaba.....	70	60	1,180	310	1,620	52.6	50.2	57.4
162	Flint.....	128	1,208	22,094	2,375	25,805	49.5	46.5	55.1
53	Grand Haven.....	22	65	1,576	298	1,961	50.7	52.6	56.2
768	Grand Rapids.....	658	1,336	21,863	5,022	28,879	51.8	50.2	54.2
51	Greenville.....	16	17	699	164	896	51.7	54.5	57.8
23	Hamtramck.....	184	539	16,395	1,204	18,322	49.8	44.8	50.6
94	Hancock.....	47	63	2,467	111	2,688	49.1	50.8	49.8
44	Hastings.....	11	24	721	181	937	54	54.7	55.9
24	Highland Park.....	30	88	3,142	115	3,375	52.5	45.9	53.8
42	Hillsdale.....	5	45	586	87	723	48.8	52.9	60.4
90	Holland.....	114	67	2,456	511	3,148	53	53.1	57.5
70	Houghton.....	43	154	2,103	129	2,429	54	48.6	52.7
70	Ionia.....	46	43	1,684	395	2,168	52.4	53.5	56.6
71	Iron Mountain.....	8	33	1,656	56	1,753	51	50.1	51
51	Iron River.....	6	18	946	41	1,011	48	53.3	52.3
75	Ironwood.....	35	100	4,725	103	4,963	54	51.7	50.7
86	Ishpeming.....	31	138	2,227	99	2,495	50.9	46.9	58.9
212	Jackson.....	247	494	10,338	1,699	12,769	50.9	49.4	51.4
263	Kalamazoo.....	94	467	8,406	2,992	11,959	50.8	54.1	54
338	Lansing.....	151	716	13,873	1,434	16,174	53.2	51.8	56.7
84	Ludington.....	25	53	1,380	371	1,828	53.4	52.4	58.9
68	Manistee.....	63	60	1,803	343	2,269	53.7	50	58.6
48	Manistiquie.....	20	39	1,841	68	1,968	50.5	50.6	62.7
110	Marquette.....	73	106	2,014	196	2,389	54	48.4	61.4
62	Marshall.....	9	39	517	132	687	51.7	51.6	56.3
78	Menominee.....	77	100	2,140	369	2,686	53.3	51.8	60.5
23	Midland.....	18	20	1,657	81	1,776	54	48.1	56.1
39	Monroe.....	23	93	2,367	299	2,782	51.4	48	54.8
86	Mt. Clemens.....	51	32	1,085	219	1,389	48.5	53	62.9
47	Mt. Pleasant.....	9	19	391	210	629	43.5	55.2	60.2
39	Munising.....	8	27	947	88	1,090	53.2	49.1	59
200	Muskegon.....	207	387	8,515	1,449	10,558	52	50.5	56.2
22	Muskegon Heights.....	127	67	2,356	106	2,656	47.2	52.7	54

maximum hours of labor, power statistics.

Average hours all women work per week.	Minimum number employed during year.	Maximum number employed during year.	Months operated at a minimum capacity.											
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
51.9	1,530	2,187	13	9	5	1	2	5	12	11	6	3	5	13
51.3	1,963	2,469	7	7	3	2	3	3	6	11	4	5	4	8
50.3	493	529	3	4	2	4	3	3	4	4	1	1	1	3
50.1	1,982	2,386	3	4	2	4	3	3	4	3	3	4	2	3
53	2,155	2,560	9	10	7	5	5	5	5	5	5	4	4	9
49.5	2,420	2,805	3	4	5	6	5	7	12	13	6	2	3	3
51.1	7,754	9,969	59	58	32	18	15	28	39	36	20	20	24	45
52	10,110	11,859	34	39	28	21	20	14	22	22	19	12	19	24
53.2	1,256	1,836	6	2	2	1	1	1	6	6	6	6	1	2
51.4	2,742	3,265	14	14	12	7	8	5	4	3	2	5	8	12
51.5	831	1,017	5	5	3	2	4	4	3	2	3	1	1	3
52.1	633	743	1	2	3	2	4	4	3	2	3	1	1	1
50.7	1,236	1,410	2	8	8	9	6	6	6	6	6	6	7	8
52.8	1,903	2,008	2	1	1	1	1	2	2	2	1	1	1	3
51.6	8,282	8,582	12	14	11	7	5	4	5	4	5	8	8	10
50.8	153	328	25	25	12	1	1	2	1	1	8	9	9	11
51.1	777	966	6	6	6	4	2	1	4	4	3	2	4	6
53	785	895	4	3	3	2	1	1	1	1	3	3	3	4
52.2	771	1,075	9	8	8	5	5	5	7	7	5	6	6	7
50.1	640	654	4	4	4	3	2	2	4	2	2	2	4	4
48.3	180,544	227,459	389	367	169	71	95	221	378	365	97	63	99	279
46.5	503	790	3	3	2	3	2	3	4	3	3	3	2	2
56.4	1,249	1,710	18	17	13	9	5	3	8	6	6	3	5	12
49.9	23,277	28,759	41	38	25	13	10	11	13	13	11	14	26	38
53	1,818	2,225	5	3	2	1	1	1	4	3	2	1	2	1
51.5	26,596	31,524	76	73	66	68	67	69	76	65	44	39	49	53
51.4	829	896	2	2	3	2	2	2	3	3	3	3	2	2
46.7	17,946	18,703	5	5	2	3	2	2	3	2	2	1	4	2
46.7	2,495	2,750	7	9	5	3	3	4	5	4	2	4	5	8
52.5	920	944	1	1	1	2	2	2	3	3	1	1	2	2
50.3	3,357	3,401	5	5	1	1	1	1	2	2	2	2	2	5
48.8	648	738	6	6	5	1	2	2	3	3	3	2	1	1
52	2,888	3,264	5	6	3	3	3	3	3	4	3	5	5	5
48.9	2,354	2,538	10	11	9	8	4	2	2	2	3	2	7	10
52.9	1,875	2,208	7	6	4	1	2	4	10	9	3	2	1	5
49.6	1,611	1,771	10	10	6	4	1	1	1	1	2	1	5	9
44.2	820	1,118	7	8	7	5	2	1	1	1	1	1	2	3
49.2	4,940	5,182	14	14	3	2	1	1	7	1	1	1	4	15
49.1	2,099	2,521	15	15	14	11	5	3	7	7	3	4	10	12
49.5	11,274	13,730	59	55	32	25	24	35	47	38	19	19	24	49
51.5	11,319	12,568	17	13	6	4	5	12	17	14	4	3	9	10
47	13,503	16,503	20	17	11	7	13	27	36	38	13	8	10	15
52	1,736	2,142	16	17	13	13	8	3	4	3	4	8	9	12
52.6	1,936	2,369	11	10	10	6	5	1	1	1	3	5	8	7
51.2	1,885	1,995	6	6	4	2	2	2	4	4	2	2	1	4
49.8	2,235	2,523	25	25	21	14	6	2	4	6	3	6	9	19
47.4	588	722	8	7	4	3	4	7	9	10	2	1	1	3
53.3	2,144	3,054	17	11	11	8	6	4	4	4	3	5	7	14
52.6	1,776	1,776	1	1	1	1	1	1	1	1	1	1	1	1
51.5	2,430	3,083	6	6	2	1	3	6	6	4	3	2	4	7
49.6	915	1,542	37	38	27	8	8	7	14	14	8	5	6	23
51.7	535	629	2	2	1	1	1	2	5	5	2	1	1	2
52.2	1,032	1,097	3	3	3	2	4	2	2	2	1	1	1	3
52.8	10,439	10,627	2	3	2	2	1	1	1	1	1	1	1	1
50	2,567	2,656	1	1	1	1	1	1	1	1	1	1	1	1

*Statistics of seventy cities, minimum and*

Number of inspection.	Name of city.	Number men under 18 employed.	Number men over 18 employed in office.	Number all other men employed.	Number women employed.	Whole number employed.	Average hours boys under 18 work per week.	Average hours men over 18 employed in offices work per week.	Average hours all other men employed work per week.
60	Nezamee	7	34	1,929	30	2,000	49.7	50.3	55
40	Niles	26	67	997	258	1,348	51.6	51	56.6
117	Owosso	31	64	1,825	328	2,248	50.5	52.9	57.1
85	Petoskey	7	22	552	104	685	45	56.3	62.8
111	Pontiac	69	331	6,542	637	7,579	51.2	48.4	55
154	Port Huron	89	124	2,824	709	3,746	51.9	53	57.9
483	Saginaw	240	540	9,381	2,705	12,866	52.1	49.5	58.2
112	Sault Ste. Marie	12	96	2,158	212	2,478	51.3	51	53.6
42	St. Johns	5	11	422	122	560	54	52.9	59.2
43	St. Joseph	41	44	976	568	1,629	46.7	52.9	55.8
40	Sturgis	21	45	1,301	236	1,603	51.2	50.7	58.2
27	Three Rivers	12	66	1,185	169	1,432	54	51.5	55.6
100	Traverse City	26	78	1,261	412	1,777	53.4	57.6	59.6
38	Wyandotte	93	64	3,025	175	3,357	53.6	47.2	56.4
54	Ypsilanti	30	23	615	202	870	52.2	51.6	56.9



maximum, hours of labor, power statistics.—Concluded.

Number accidents during year.	Kind of power used.					Estimated H. P.	Number boilers used.	Number boilers insured.	Are boilers equipped with low water alarms.
	Electric.	Steam.	Gasoline.	Water.	Rented.				
110	21	8	1			5,399	28	14	18
33	24	15	2	2		3,934	29	20	27
2	43	22	2		2	3,439	37	26	35
9	27	15	3		4	3,416	24	18	22
890	67	18	3			14,044	39	32	37
1,221	77	37	3			20,652	79	64	72
992	215	85	12		2	22,371	180	173	174
28	53	18	1		2	44,503	60	35	34
3	26	11				1,328	17	13	14
27	33	9	1			1,666	17	16	15
54	25	11	1			3,530	19	18	19
498	17	3			2	3,222	10	9	10
15	56	14	1		3	6,832	24	19	24
270	16	9			4	16,690	60	60	60
103	30	11			2	2,475	22	18	20

## SUMMARY OF FACTORIES AND WORKSHOPS

INSPECTED IN 1917 AND COMPARISON WITH THE INSPECTION OF 1916.

Number factories and workshops inspected in 1917.....	14,262
Number factories and workshops inspected in 1916.....	14,229
Showing an increase of 33 factories and workshops.	
No. men employed as superintendents in 1917.....	15,034
No. men employed as superintendents in 1916.....	15,685
Showing a decrease of 651 superintendents.	
Average daily wages paid superintendents in 1917.....	5.97
Average daily wages paid superintendents in 1916.....	5.88
Showing an increase of 9c per day.	
No. foremen employed in 1917.....	16,867
No. foremen employed in 1916.....	16,685
Showing an increase of 177 foremen.	
Average daily wages paid foremen in 1917.....	4.72
Average daily wages paid foremen in 1916.....	4.20
Showing an increase of 52c per day.	
No. boys under 16 employed in 1917.....	1,203
No. boys under 16 employed in 1916.....	1,104
Showing an increase of 113 boys employed.	
Average daily wages paid boys under 16 in 1917.....	1.42
Average daily wages paid boys under 16 in 1916.....	1.17
Showing an increase of 29c per day.	
No. boys between 16 and 18 employed in 1917.....	6,911
No. boys between 16 and 18 employed in 1916.....	5,783
Showing an increase of 121 boys employed.	
Average daily wages paid boys between 16 and 18 in 1917.....	1.86
Average daily wages paid boys between 16 and 18 in 1916.....	1.60
Showing an increase of 36c per day.	
No. men over 18 employed in office in 1917.....	21,777
No. men over 18 employed in office in 1916.....	21,155
Showing an increase of 622 men in office.	
Average daily wages paid men in office in 1917.....	4.24
Average daily wages paid men in office in 1916.....	3.82
Showing an increase of 42c per day.	
No. men over 18 employed on skilled labor in 1917.....	216,440
No. men over 18 employed on skilled labor in 1916.....	206,655
Showing an increase of 8,785 men employed.	
Average daily wages paid men over 18 on skilled labor in 1917.....	3.85
Average daily wages paid men over 18 on skilled labor in 1916.....	3.28
Showing an increase of 57c per day.	
No. other men over 18 employed in 1917.....	201,889
No. other men over 18 employed in 1916.....	216,506
Showing a decrease of 14,717.	
Average daily wages paid other men over 18 in 1917.....	2.95
Average daily wages paid other men over 18 in 1916.....	2.49
Showing an increase of 46c per day.	
No. women employed as superintendents in 1917.....	761
No. women employed as superintendents in 1916.....	765
Showing a decrease of 4 women employed as superintendents.	

Average daily wages paid women employed as superintendents in 1917	2.54
Average daily wages paid women employed as superintendents in 1916.	2.50
Showing an increase of 4c per day.	
No. foreladies employed in 1917 .....	1,296
No. foreladies employed in 1916.....	854
Showing an increase of 442 foreladies employed.	
Average daily wages paid foreladies in 1917.....	2.27
Average daily wages paid foreladies in 1916.....	2.12
Showing an increase of 15c per day.	
No. girls under 16 employed in 1917.....	433
No. girls under 16 employed in 1916.....	550
Showing a decrease of 117 girls under 16.	
Average daily wages paid girls under 16 in 1917.....	1.15
Average daily wages paid girls under 16 in 1916.....	1.01
Showing an increase of 14c per day.	
No. women over 16 employed in office in 1917 .....	16,930
No. women over 16 employed in office in 1916.....	13,929
Showing an increase of 3,001 women in office.	
Average daily wages paid women over 16 in office in 1917.....	2.12
Average daily wages paid women over 16 in office in 1916.....	1.95
Showing an increase of 17c per day.	
No. other women over 16 employed in 1917.....	56,592
No. other women over 16 employed in 1916.....	56,506
Showing an increase of 86 other women employed.	
Average daily wages paid other women over 16 in 1917.....	1.67
Average daily wages paid other women over 16 in 1916.....	1.45
Showing an increase of 22c per day.	
Whole number employed in 1917.....	556,057
Whole number employed in 1916.....	556,177
Showing a decrease of 120.	
Average daily wages paid in 1917.....	3.26
Average daily wages paid in 1916 .....	2.78
Showing an increase of 48c per day.	
Aggregate daily wages paid in 1917.....	1,775,855.86
Aggregate daily wages paid in 1916.....	1,512,983.58
Showing an increase of \$62,872.28.	

## DEPARTMENT OF LABOR.

## NUMBER PERSONS EMPLOYED, HOURS WORKED, MINIMUM AND MAXIMUM NUMBER EMPLOYED, POWER STATISTICS, ETC.

Number inspections made in factories and workshops.....	14,262
Number men under 18 employed.....	8,114
Number men over 18 employed in office.....	21,777
Number all other men employed.....	450,154
Number women employed.....	76,012
Whole number employed.....	556,057
Average hours boys under 18 work per week.....	52.4
Average hours men over 18 in offices work per week.....	49.2
Average hours all other men work per week.....	54.7
Average hours women work per week.....	50.3
Minimum number employed during year.....	483,614
Maximum number employed during year.....	687,967

## Months operating at a minimum capacity:

January.....	1,721	July.....	1,299
February.....	1,688	August.....	1,211
March.....	1,115	September.....	658
April.....	702	October.....	587
May.....	709	November.....	751
June.....	934	December.....	1,316

## Months operating at a maximum capacity:

January.....	1,066	July.....	1,534
February.....	1,085	August.....	1,579
March.....	1,401	September.....	1,887
April.....	1,716	October.....	1,908
May.....	1,804	November.....	1,721
June.....	1,685	December.....	1,350

Number accidents occurring during year..... 578,072

## Kind of power used:

Electricity.....	6,342
Steam.....	2,737
Gasoline.....	1,171
Water.....	233

Estimated strength in H. P.....	1,358,766
Number boilers used.....	6,412
Number boilers insured.....	5,527
Number boilers equipped with low water alarms.....	6,146

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# STORE INSPECTION

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## INSPECTION OF STORES

*List of establishments inspected in 1917, showing date of inspection, name of firm, location, nature of business and number of persons employed.*

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>ALCONA COUNTY.</b>						
Aug. 18	Fuqua, C. Bruce	Harrisville	Drugs	1	1	2
Aug. 18	Green Brothers	Harrisville	Groceries	4		4
Aug. 18	Yockey, Chris & Sons	Harrisville	Hardware	4		4
Aug. 17	Cash Store, The	Lincoln	General merchandise	1		1
Aug. 17	Coheen, E.	Lincoln	General merchandise	2		2
Aug. 17	Lincoln Mercantile Co.	Lincoln	General merchandise	2		2
Aug. 17	Cowie, W. A.	Mikado	Groceries	2	2	4
Aug. 17	Kahn, Joseph J.	Mikado	General merchandise, etc.	3	1	4
<b>ALGER COUNTY.</b>						
May 7	Brown, C. C.	Chatham	General merchandise	1	1	2
May 7	Gatias, J. H.	Chatham	General merchandise	3		3
May 7	Levy's Cash Grocery	Chatham	Groceries	2		2
May 7	Brown, C. E.	Eben	Groceries	1		1
May 11	Bisell & Stebbins	Munising	Hardware	4	1	5
May 9	Bowerman, William W.	Munising	Furniture	2		2
May 11	Chudacoff, I. J.	Munising	Dry goods and clothing	2	1	3
May 11	Flye, W. C.	Munising	Hardware	2		2
May 11	Hankin & Omsor	Munising	Groceries	4		4
May 11	Lennox, W. A.	Munising	Groceries	4		4
May 9	Marks, Sam	Munising	Dry goods and clothing	3	1	4
May 11	Savings Bank Store, The	Munising	Dry goods, etc.	3	2	5
May 8	Saulson, I. & Co.	Munising	Dry goods and clothing	2	2	4
May 8	Walters Cash Grocery, The	Munising	Groceries	5	1	6
May 11	Crawford Brothers	Rumely	Groceries	1		1
<b>ALLEGAN COUNTY.</b>						
Oct. 3	Allegan Hardware Supply Co., The	Allegan	Hardware	2		2
Oct. 3	Bakers Drug Store	Allegan	Drugs	2	1	3
Oct. 3	Burgess, D. E.	Allegan	Dry goods, etc.	4	4	8
Oct. 3	Fouch, W. H.	Allegan	Drugs	2		2
Oct. 3	Goodman & Akom Co.	Allegan	Groceries	4		4
Oct. 3	Grange Store, The	Allegan	Dry goods, etc.	13	5	18
Oct. 3	Green, F. H.	Allegan	Groceries	3	1	4
Oct. 3	McLaughlin Brothers	Allegan	Groceries	3		3
Oct. 3	Marty & Wise Co.	Allegan	Groceries	3	2	5
Oct. 3	Model, The	Allegan	Shoes	3		3
Oct. 3	Peters, A.	Allegan	Notions	1	2	3
Oct. 3	Stern & Griswold Co.	Allegan	Dry goods, etc.	6	5	11
Oct. 3	Stern, G. & Co.	Allegan	Clothing	3		3
Oct. 3	Tripp, Burrell	Allegan	Dry goods, etc.	14	7	21
Sept. 29	Allen, Edgar S.	Bradley	General merchandise	2		2
Sept. 27	De Jongh, C. & A.	Burnips Corners	General merchandise	3		3
Sept. 27	Kranenberg, John	Burnips Corners	General merchandise	1	1	2
Sept. 27	De Jongh & Clouse Co.	Dorr	General merchandise	2		2
Sept. 27	Hick & Thayer	Dorr	General merchandise	2	1	3
Sept. 17	McDonald & Ellis	Douglase	General merchandise	2	1	3

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>ALLEGAN CO.—Con.</b>						
Sept. 17	McDonald, L. W.	Douglas	General merchandise	2		2
Sept. 18	Klies, William	Felmore	General merchandise	2		2
Sept. 19	Dickinson, L. S.	Fennville	General merchandise	1	1	2
Sept. 19	Hutchinson, Claude	Fennville	General merchandise	4		4
Sept. 19	Joslin, L. A.	Fennville	Groceries	2	1	3
Sept. 18	Shiffert, W. E.	Fennville	General merchandise	3	2	5
Sept. 18	Heneveld & Reimink	Graafschap	General merchandise	3		3
Sept. 18	Tien & Rutgers Co.	Graafschap	General merchandise	3	1	4
Sept. 18	Boer, Henry K.	Hamilton	General merchandise	2	1	3
Sept. 18	Kroemeyer & Schutmaat	Hamilton	General merchandise	2	2	4
Oct. 2	Adams, L. J.	Hopkins	General merchandise	2		2
Oct. 2	Baxter, J. & Son	Hopkins	General merchandise	2	1	3
Oct. 2	Dendel's Department Store	Hopkins	General merchandise	2		2
Oct. 2	Watkins, F. B.	Hopkins	General merchandise	3	2	5
Sept. 29	Fenner Brothers & Co.	Martin	General merchandise	3	1	4
Sept. 27	Haveman Brothers	Martin	General merchandise	3	1	4
Sept. 27	Rose, T. B. & Son	Martin	General merchandise	1		1
Oct. 6	Collins, J. A.	Otsego	General merchandise	2	1	3
Oct. 6	Eaton, Ray C.	Otsego	Drugs	3		3
Oct. 6	Gamble & Newman	Otsego	Clothing and shoes	2		2
Oct. 6	Ingraham, F.	Otsego	Groceries	3		3
Oct. 6	Kohlenstein Brothers	Otsego	Dry goods, etc.	2	1	3
Oct. 6	Pipp, C. E.	Otsego	Hardware	2		2
Oct. 6	Rathbun, C. R.	Otsego	Jewelry	3		3
Oct. 6	Schuster, C. F.	Otsego	Dry goods	2	1	3
Oct. 6	Tubbs, Fred	Otsego	Hardware	2		2
Oct. 8	Hambleton & Son	Plainwell	Clothing and shoes	2		2
Oct. 9	Huntley & Honeysett	Plainwell	Groceries	2	1	3
Oct. 9	Lasher, Charles W.	Plainwell	Groceries	2	1	3
Oct. 9	Smith Mercantile Co.	Plainwell	General merchandise	2	2	4
Oct. 9	Wagner, J. D.	Plainwell	Dry goods, etc.	1	1	2
Oct. 9	Woodhams, W. W.	Plainwell	General merchandise	2	1	3
Sept. 19	Goodwin & Pickitt	Pullman	General merchandise	2	1	3
Sept. 19	H. T. S. Store, The	Pullman	General merchandise	3	1	4
Sept. 17	Goshorn, George W.	Saugatuck	Dry goods and clothing	1	2	3
Sept. 17	Leland's Department Store Co.	Saugatuck	General merchandise	3	2	5
Sept. 18	Lubbers, John	Saugatuck	General merchandise	3	2	5
Sept. 27	Beall Brothers	Wayland	General merchandise	3	2	5
Sept. 27	Longstreet, P. J.	Wayland	General merchandise	3		3
Sept. 27	Shattuck, D. W.	Wayland	General merchandise		2	2
<b>ALPENA COUNTY.</b>						
Aug. 6	Adam's Book Store	Alpena	Books, etc.	3		3
Aug. 8	Alpena Hardware Co.	Alpena	General hardware	6		6
Aug. 7	Benning, Julius	Alpena	Groceries	1		1
Aug. 6	Bertrand, J. L.	Alpena	Clothing	3		3
July 31	Brady, William	Alpena	Groceries	2		2
Aug. 7	Buelow, Charles A. & Co.	Alpena	Groceries	3		3
Aug. 2	Cohen Department Store, The	Alpena	Dry goods, etc.	9	11	20
Aug. 2	Cohen, M. A.	Alpena	Dry goods, etc.	7	1	8
Aug. 2	Cronins & Co.	Alpena	Dry goods, etc.	11	17	28
July 25	Dequoy, Alfred	Alpena	Drugs, etc.	3		3
Aug. 4	Ecie & Jebere	Alpena	Dry goods and groceries	2		2
Aug. 10	Flewelling, Harvey	Alpena	Groceries	3		3
Oct. 23	Fradette, Alfred	Alpena	Second hand goods	2		2
Aug. 10	Gately Co., The	Alpena	Clothing and furniture	4	3	7
July 25	Gliniecki, A. J.	Alpena	Groceries	4		4



Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>ALPENA CO.—Con.</b>						
Oct. 23	Hawley & Fitzgerald.	Alpena	Dry goods	4	14	18
Aug. 6	Hickey & Hagle.	Alpena	Groceries	3		3
July 30	Howe & McDonald.	Alpena	Music	3		3
Aug. 6	Isackson, Sam.	Alpena	Shoes and rubbers.	1		1
Aug. 7	Joseph Brothers.	Alpena	Groceries	3		3
Aug. 13	Kielaszewski, Joseph F.	Alpena	Groceries	2		2
July 25	Kierst, E. W.	Alpena	Hardware	1	1	2
July 25	Kindzarski, A. F.	Alpena	Groceries and clothing.	4		4
July 25	Kotwicky, Phillip.	Alpena	Clothing and shoes.	2		2
Aug. 4	La Londe, E. J.	Alpena	Drugs	3		3
Aug. 6	La Londe, N. J.	Alpena	Shoes and rubbers.	5		5
Aug. 6	MacAlpine Shoe Co.	Alpena	Shoes and rubbers.	2		2
July 26	McGillia, R. L.	Alpena	Cigars	2		2
July 31	McHarg, R. & Co.	Alpena	General merchandise.	4	1	5
Aug. 3	McKim, C. H.	Alpena	Groceries	2	1	3
Oct. 26	McLennon, D. D.	Alpena	Groceries	1		1
Aug. 6	Martinson Co., The.	Alpena	Clothing	2		2
Aug. 6	Masters, George & Sons.	Alpena	Shoes.	3		3
Aug. 6	Masters & Thorne.	Alpena	Clothing	3		3
Aug. 3	Muellerweis, John J.	Alpena	Groceries	2	1	3
Aug. 7	Neuman, E. G.	Alpena	Groceries	2	1	3
Aug. 14	Niewola, Frank A.	Alpena	Groceries	2	1	3
July 27	O'Callaghan Brothers.	Alpena	Drugs	2		2
Aug. 6	Olds, Fred L.	Alpena	Clothing	2		2
July 27	Polsin, Robert.	Alpena	Groceries	5		5
Aug. 6	Raddats-Fockler & Co.	Alpena	Hardware and paints.	3		3
Aug. 7	Reynolds, C. H. Estate.	Alpena	Jewelry	3		3
Aug. 13	Runnels, J. C.	Alpena	Groceries	2		2
July 30	Ryan, M. W.	Alpena	Cigars, etc.	3		3
July 27	Sepull Pharmacy.	Alpena	Drugs	4	1	5
Aug. 1	Spence, C. C.	Alpena	Drugs	3		3
Aug. 1	Spence, W. C.	Alpena	Groceries	1		1
Aug. 7	Spens, James A.	Alpena	Drugs	2		2
Oct. 27	Stafford's.	Alpena	Clothing	3		3
Aug. 1	Stewart, T. W.	Alpena	Groceries	2		2
Aug. 11	Swallow, Joseph.	Alpena	Hardware	2		2
Aug. 10	Szczukowski, Julius.	Alpena	Groceries	3		3
July 25	Szczukowski, J. S.	Alpena	Groceries	3		3
Aug. 13	Tulian, A. J.	Alpena	Jewelry	2	1	3
Aug. 1	Wesson, E. L.	Alpena	Bicycles and guns.	1		1
July 14	Woelf, William F.	Alpena	Groceries	2	1	3
Oct. 23	Woolworth, F. W. Co.	Alpena	5 and 10 cent merchandise.	2	10	12
Aug. 6	Young, B. R. Hardware Co.	Alpena	General hardware.	5		5
Aug. 7	Zadow, Gust.	Alpena	Groceries	2	1	3
Aug. 7	Zemke, Bernard M.	Alpena	Groceries	2		2
<b>ANTRIM COUNTY.</b>						
April 23	Osterout, C. E.	Alba.	Groceries	2		2
April 23	Saperston, I.	Alba.	Clothing, shoes, etc.	2		2
April 13	Frank, A. E.	Bellaire.	Dry goods	1	1	2
April 13	Large, A. B.	Bellaire.	Drugs, etc.	2		2
April 13	Nixon, W. J.	Bellaire.	Groceries	2		2
April 13	Richards, H. L.	Bellaire.	Groceries	3		3
April 13	Wefenbach, Charles Co.	Bellaire.	Provisions	2		2
April 10	Fessenden, F. J.	Central Lake.	Drugs	3		3
April 11	Smallogan, Smith & Co.	Central Lake.	General merchandise.	3	3	6
April 11	Thurston & Co.	Central Lake.	General merchandise.	4	1	5
April 20	Butts, M. E.	Elk Rapids.	Drugs	3	2	5

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>ANTRIM Co.—Con</b>						
April 20	Hogan, Thomas J.	Elk Rapids	Groceries	3		3
April 20	Marriott, F. H.	Elk Rapids	Drugs	2		2
April 20	Wilson, A. P.	Elk Rapids	Groceries	2		2
April 12	Klooster, George & Son	Ellsworth	General merchandise		2	2
April 25	Clugg & Schroeder	Mancelona	General merchandise	2	2	4
April 25	Medalie, N.	Mancelona	General merchandise	3	2	5
<b>ARENAC COUNTY.</b>						
Aug. 10	Cole-Grinnore Mercantile Co.	AuGres	General merchandise	2		2
Aug. 10	Cole Sproule Hardware Co.	AuGres	General merchandise	2		2
Aug. 10	Daugherty's Department Store	AuGres	General merchandise	1		1
Aug. 10	Schaiberger, W. H.	AuGres	General merchandise	1	1	2
Aug. 10	Holland, B. S.	Omer	General merchandise	1		1
Aug. 10	Mead, J. K.	Omer	General merchandise	1	1	2
Aug. 10	Monroe, A. C.	Omer	Groceries	1		1
Aug. 15	Berthel, Otto Co.	Standish	General merchandise	3	3	6
Aug. 15	Blumenthal, Harry	Standish	General merchandise	2		2
Aug. 15	Forsyth & Downer	Standish	Drugs	2		2
Aug. 15	Gidley, W. R.	Standish	General merchandise	1		1
Aug. 15	Grier, George	Standish	Groceries	2	1	3
Aug. 15	Hardy Music Co., The	Standish	Pianos, etc	3		3
Aug. 15	Pomeroy, W. N.	Standish	General merchandise	2		2
Aug. 16	Schlanger, Harry	Standish	Dry goods	2	2	4
Aug. 16	Ames, Jay	Sterling	General merchandise	1	1	2
Aug. 16	Brundage, H. A. & Co.	Sterling	Furniture	1		1
Aug. 16	Pomeroy, W. N. & Son	Sterling	Farm implements	2		2
Aug. 16	Vogel, M. A.	Sterling	General merchandise	4	1	5
Aug. 16	Collins, M. O. & Son	Turner	Hardware	3		3
Aug. 10	Eymer, Roy P.	Turner	General merchandise	1	1	2
Aug. 10	Kelly & Whitehouse	Turner	General merchandise	2	1	3
Aug. 10	Kelly & Whitmore	Turner	Ice cream	2	1	3
Aug. 10	Scott, Mrs. C. A.	Turner	General merchandise		1	1
Aug. 10	Kelly, George T.	Twining	General merchandise	2	1	3
Aug. 10	Kennedy's Pharmacy	Twining	Drugs	1		1
<b>BARAGA COUNTY.</b>						
Aug. 29	Berg, Amelia	Baraga	Groceries	2	1	3
Aug. 29	Cameron, Charles, Sr.	Baraga	Groceries, etc	1	1	2
Aug. 29	Cohl, Ben	Baraga	General merchandise	2		2
Aug. 29	Gauthier, Alphonse	Baraga	General merchandise	3		3
Aug. 29	Kits, William & Co.	Baraga	General merchandise	2		2
Aug. 27	Cohl, Joseph	L'Anse	General merchandise	2		2
Aug. 27	Johnston, Henry A.	L'Anse	Groceries	3		3
Aug. 27	Paquette Cash Grocery	L'Anse	Groceries	3		3
Aug. 27	Smith, J. B.	L'Anse	General merchandise	2		2
Aug. 28	Hebard, Charles & Sons, Inc.	Pequaming	General merchandise	6		6
<b>BARRY COUNTY.</b>						
Sept. 6	Larsen, A. J. Co.	Hastings	Dry goods	1	3	4
Sept. 6	Weickgenant & Riede	Hastings	General merchandise, etc.	2	4	6
<b>BAY COUNTY.</b>						
Sept. 18	Auburn Pharmacy	Auburn	Drugs	1		1
Sept. 18	Fenwick, Thomas H.	Auburn	Groceries	2		2
Sept. 18	Nuffer, John M.	Auburn	General merchandise	2		2
Sept. 18	Widmer, J. C.	Auburn	Hardware and groceries	2		2
Sept. 8	Alert Pipe & Supply Co.	Bay City	Mill supplies	18	3	21

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
BAY CO.—Con.						
Sept. 5	Bay City Cash Dry Goods Co.	Bay City.	Dry goods, etc.	5	22	27
Sept. 7	Bilings Lantee Co.	Bay City.	5 and 10 cent goods	7	7	7
Sept. 7	Cook, H. A.	Bay City.	General merchandise	2	2	2
Sept. 25	Durocher, G. J.	Bay City.	Meats and groceries	1	1	1
Sept. 4	Feingarten Art Rooms.	Bay City.	Umbrellas, etc.	2	1	3
Sept. 7	Ford & Simon.	Bay City.	Clothing, etc.	3	1	4
Sept. 7	Ford & Simon.	Bay City.	Clothing, etc.	4	1	5
Sept. 8	Frank, George J.	Bay City.	Hardware.	5	1	6
Sept. 5	Gardiner, E. L. Co.	Bay City.	Notions.	2	7	9
Sept. 7	Gately's.	Bay City.	Clothing.	3	2	5
Dec. 11	Grand Union Tea Co.	Bay City.	Tea, coffee, etc.	4	4	4
Sept. 7	Grinnell Brothers.	Bay City.	Music.	10	5	15
Sept. 7	Goets Department Store.	Bay City.	General merchandise, etc.	6	6	6
Sept. 4	Hankow Tea Co.	Bay City.	Tea and coffee.	1	1	2
Sept. 8	Hawley Dry Goods Co., The.	Bay City.	Dry goods, etc.	14	33	47
Sept. 5	Jennison Hardware Co.	Bay City.	Hardware, etc.	47	4	51
Sept. 5	Kreage, S. S. Co.	Bay City.	5 and 10 cent goods.	3	25	28
Sept. 4	Liberal Clothing Store.	Bay City.	Clothing.	2	2	4
Sept. 6	Louis Drug Co.	Bay City.	Drugs.	7	3	10
Sept. 7	McRae, Reed & Co.	Bay City.	Wholesale groceries.	7	2	9
Sept. 7	Manassa, E. E.	Bay City.	Books, etc.	2	2	2
Sept. 7	Mohr, Hardware & Furniture Co.	Bay City.	Hardware and furniture.	21	1	22
Sept. 7	Oppenheim, L. E. & Co.	Bay City.	Clothing, etc.	16	6	22
Sept. 5	Oxford Shop.	Bay City.	Art goods.	1	1	2
Sept. 5	Peoples' Credit Store.	Bay City.	General merchandise, etc.	2	2	4
Sept. 6	Pigott Brothers.	Bay City.	Furniture and hardware.	1	2	3
Sept. 7	Rechlin Hardware Co.	Bay City.	Hardware.	11	1	11
Sept. 21	Robinson, Samuel.	Bay City.	General merchandise	1	1	1
Sept. 7	St. Laurent Brothers.	Bay City.	Peanut butter.	4	3	7
Sept. 6	Seitner Dry Goods Co., The.	Bay City.	Dry goods.	2	14	16
Sept. 5	Shannon's.	Bay City.	Clothing.	1	2	3
Sept. 4	Smith, Peter & Sons.	Bay City.	Groceries.	2	2	2
Sept. 4	Smith, Peter & Sons.	Bay City.	Groceries.	1	2	3
Sept. 4	Smith, Peter & Sons.	Bay City.	Groceries.	1	1	1
Sept. 4	Smith, Peter & Sons.	Bay City.	Groceries.	9	5	14
Sept. 4	Smith, Peter & Sons.	Bay City.	Groceries.	16	3	19
Sept. 4	Smith, Peter & Sons.	Bay City.	Groceries.	2	2	2
Sept. 4	Smith, Peter & Sons.	Bay City.	Groceries.	1	1	1
Sept. 7	Thompson, Jay Co.	Bay City.	General merchandise	3	18	21
Sept. 8	Thorn Electric Co.	Bay City.	Electrical supplies	18	1	18
Aug. 5	Wald, E. A.	Bay City.	Corsets.	3	3	3
Sept. 7	Walsh & Sons.	Bay City.	General merchandise	2	1	3
Sept. 8	Walther's Department Store.	Bay City.	Dry goods, etc.	28	37	65
Sept. 6	Wendland, H. G. & Co.	Bay City.	Dry goods, etc.	30	71	101
Sept. 5	Wilton & Mack.	Bay City.	Books, etc.	3	2	5
Sept. 5	Woolworth, F. W.	Bay City.	5 and 10 cent goods.	3	13	16
Sept. 5	Wright, A. E.	Bay City.	Confectionery.	3	3	3
Oct. 9	Little, F. J.	Bentley.	General merchandise	2	2	2
Oct. 9	Morden, G. H.	Bentley.	General merchandise	2	1	3
Oct. 9	Pelton, James.	Bentley.	Hardware.	2	2	2
Oct. 9	Whitney, G. R.	Bentley.	Drugs.	1	1	1
Sept. 21	Kramer, August.	Brooks.	Groceries.	1	1	1
Sept. 21	Deyoungs, James.	Frankenlust.	Groceries.	1	1	1
Sept. 12	Ballor, F. D.	Linwood.	Meats and groceries.	2	2	2
Sept. 12	Boyle, T. R.	Linwood.	Hardware.	2	2	2
Sept. 12	Harris, O. J. & Brother.	Linwood.	General merchandise	1	1	1
Sept. 12	Lambert, J. J. Estate.	Linwood.	General merchandise	2	2	4
Sept. 12	Senay, W. A.	Linwood.	General merchandise	1	1	1
Sept. 10	Kern, B. M.	Munger.	General merchandise	1	1	1
Aug. 17	Harris, J. B.	Pinconning.	Hardware.	3	3	3

## DEPARTMENT OF LABOR.

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>BAY CO.—Con.</b>						
Aug. 17	Jenks, Avery I.	Pinconning	Hardware	3		3
Aug. 17	Klumpff's Store	Pinconning	Mats and groceries	6		6
Aug. 17	Mansfield, H. E.	Pinconning	Groceries	3		3
Aug. 17	Morris' Department Store	Pinconning	General merchandise	1	1	2
Aug. 17	Tremlin, J. M.	Pinconning	General merchandise	1	1	2
<b>BENZIE COUNTY.</b>						
Dec. 10	Mc Lean & Son	Bendon	General merchandise	2	1	3
Dec. 7	Judson, E. B.	Bensonia	General merchandise	3	1	4
Dec. 7	Knight, A. E.	Beulah	General merchandise	2		2
Oct. 1	Collins, Roy	Frankfort	Drugs	3		3
Oct. 1	Fredrick-Sayles Co.	Frankfort	Groceries	5	1	6
Oct. 2	Snider, B. W.	Frankfort	School supplies	1	1	2
Oct. 2	Woodward, J. H.	Frankfort	Clothing and shoes	2		2
Dec. 1	Case, A. B. Co., The	Honor	General merchandise	2	1	3
Dec. 1	Conklin, Frank	Honor	Hardware	2		2
Sept. 29	Califf Mercantile Co.	Thompsonville	Groceries	2	1	3
Sept. 29	Chattaway, A. R.	Thompsonville	Groceries and dry goods	1	1	2
Sept. 29	City Drug Store	Thompsonville	Drugs	1	1	2
Sept. 29	Karcher, M. T.	Thompsonville	Drugs	2		2
Sept. 29	Smith, John	Thompsonville	Groceries	1	1	2
Sept. 29	Stockhill, George O.	Thompsonville	Groceries	2	1	3
<b>BERRIEN COUNTY.</b>						
Nov. 12	Enders Co., The	Benton Harbor	Dry goods, etc	2	19	21
Oct. 12	Hipp, Enders & Avery	Benton Harbor	Clothing	7	1	8
Nov. 12	Johnson & Hayden	Benton Harbor	Dry goods, etc		1	1
Nov. 12	Morris 5 and 10 Cent Store, The	Benton Harbor	5 and 10 cent goods	2	9	11
Nov. 12	Olympia Candy Works	Benton Harbor	Confectionery	4	2	6
Nov. 12	Red Cross Drug Co.	Benton Harbor	Drugs	3	1	4
Nov. 12	Siegan's	Benton Harbor	Ladies' apparel	1	1	2
Nov. 12	Trick Brothers	Benton Harbor	5 and 10 cent goods	3	20	23
Nov. 12	Townsend Cash Co., The	Benton Harbor	Clothing	7	1	8
Nov. 12	Waite, W. S.	Benton Harbor	Furniture	1	7	8
Nov. 12	Young, Charles L. & Co.	Benton Harbor	General merchandise	14	14	28
Nov. 21	Arney, J. E.	Buchanan	Groceries	3	2	5
Nov. 21	Boardman, D. L.	Buchanan	Dry goods	1	2	3
Nov. 21	Desenberg, B. R. & Brother	Buchanan	Dry goods, shoes, etc	3	2	5
Nov. 13	Forier, John	Niles	Groceries	5	1	6
Nov. 15	Fox's Cash Dry Goods Store	Niles	Dry goods	2	1	3
Nov. 13	Henkel Brothers	Niles	Dry goods	2	4	6
Nov. 13	Laberteaux, H. R.	Niles	Groceries	2	1	3
Nov. 13	Meyers' Five and Ten Cent Store	Niles	5 and 10 cent goods	2	6	8
Nov. 13	Montague, C. M.	Niles	Hardware	5	1	6
Nov. 13	Paris Candy Works Co., The	Niles	Candy	2	1	3
Nov. 13	Quimby, Charles S. & Co.	Niles	Dry goods	1	2	3
Oct. 9	Ankli, Frank	St. Joseph	Groceries	8	1	9
Nov. 9	Baitinger & Kingsley Co.	St. Joseph	Furniture	6	1	7
Nov. 9	Church, W. B.	St. Joseph	Dry goods	2	2	4
Oct. 9	Dickenson Hardware Co.	St. Joseph	Hardware	2	1	3
Nov. 9	Gast Drug Co.	St. Joseph	Drugs	5	1	6
Oct. 9	Lopker Brothers	St. Joseph	Clothing	9	1	10
Nov. 9	McAllister, T. H. Co.	St. Joseph	Dry goods	2	6	8
Nov. 12	Rice Brothers	St. Joseph	Groceries	7	1	8
Oct. 9	Richter & Achtenberg	St. Joseph	Hardware	4	1	5
Nov. 9	Rimes & Hildebrand	St. Joseph	Dry goods, etc	4	10	14
Oct. 9	St. Joseph 5 and 10 Cent Store	St. Joseph	5 and 10 cent goods	2	4	6
Nov. 9	St. Joseph Music Co.	St. Joseph	Music, etc	2	1	3
Nov. 9	Shepard & Bennings Co.	St. Joseph	Ladies' apparel	1	13	14
Nov. 9	Trick Brothers	St. Joseph	5 and 10 cent goods	2	8	10
Nov. 22	Warren Featherbone Co., The	Three Oaks	General merchandise	19	8	27

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>BRANCH COUNTY.</b>						
Dec. 29	Branch, J. B. & Co.	Coldwater.	Dry goods.	7	23	30
Dec. 29	Burkheiser & Fletcher	Coldwater.	Clothing.	3		3
Dec. 29	Clark, E. R. & Co.	Coldwater.	Drugs and groceries.	10	3	13
Dec. 29	Hilton, T. A.	Coldwater.	Clothing.	5	1	6
Dec. 29	McCort, W. H.	Coldwater.	Dry goods.	2	4	6
Dec. 29	Milnes Supply Co., The.	Coldwater.	Provisions.	15	7	22
Dec. 29	Sloman & Gruner	Coldwater.	Clothing.	3		3
Dec. 29	Tribolet Co., The.	Coldwater.	5 and 10 cent goods.	1	4	5
Dec. 29	Tuttle, W. B.	Coldwater.	Furniture.	4	1	5
Dec. 29	Wise Department Store, The.	Coldwater.	General merchandise.	2	3	5
Dec. 29	Woodward & Sons	Coldwater.	Dry goods.	4	10	14
<b>CALHOUN COUNTY.</b>						
Nov. 16	Albion Confectionery, The.	Albion.	Candy and ice cream.	3	1	4
Nov. 16	Austin, Fred W.	Albion.	Dry goods.	2	5	7
Nov. 15	Baumgardners' 5 and 10 Cent Store.	Albion.	5 and 10 cent goods.	2	2	4
Nov. 16	Bullen, George T.	Albion.	Dry goods.	5	15	20
Nov. 15	Franklin, B. C.	Albion.	Groceries.	2		2
Nov. 16	Hahn Brothers.	Albion.	Clothing and shoes.	2		2
Nov. 15	Ludwig, B. E.	Albion.	General merchandise.	2	5	7
Nov. 16	Martin's Grocery	Albion.	Groceries.	1	2	3
Nov. 16	Rosenthal, A. & H.	Albion.	Dry goods.	2	2	4
Nov. 15	Schneider, G. W.	Albion.	Clothing.	2		2
Nov. 16	Smith, A. R.	Albion.	Drugs.	2	2	4
Nov. 16	Tucker, C. S. & Co.	Albion.	Dry goods.	1	7	8
Nov. 15	Wochhols & Grees.	Albion.	Groceries.	6		6
Nov. 16	Wochhols & Pahl.	Albion.	Clothing, etc.	2		2
Nov. 1	Ambrey & Murphy Drug Co.	Battle Creek.	Drugs, etc.	3	2	5
Nov. 3	Arcade Hair Dressing Parlors.	Battle Creek.	Hair goods, etc.		5	5
Oct. 31	Austin & Co.	Battle Creek.	Glassware, etc.	3	4	7
Oct. 31	Bock-Walker Co.	Battle Creek.	Hardware.	9	8	17
Oct. 31	Bolster, R. J. Co.	Battle Creek.	Clothing.		9	9
Oct. 29	Brockett, L. B. & Sons.	Battle Creek.	Hardware.	6	1	7
Oct. 29	Cable Piano Co.	Battle Creek.	Pianos, music, etc.	7	1	8
Oct. 31	Centner, Charles W.	Battle Creek.	Clothing.	2	10	12
Nov. 3	Darlington & Co.	Battle Creek.	Sheet metal.	4	1	5
Oct. 31	Dean Linen Co.	Battle Creek.	Needlework, etc.		5	5
Nov. 3	Emerson Truck & Storage Co.	Battle Creek.	Trucking, etc.	19	1	20
Oct. 31	Fisher, E. C. Co.	Battle Creek.	Books, etc.	6	7	13
Oct. 31	Gately's.	Battle Creek.	Clothing.	1	3	4
Oct. 31	Holly Heiman, Inc.	Battle Creek.	Ladies' apparel.	1	3	4
Oct. 31	Hubbard-Howell Electric Co.	Battle Creek.	Electrical supplies.	2	1	3
Oct. 29	Jury-Rowe Co., The.	Battle Creek.	Furniture.	13	2	15
Oct. 30	Klein's.	Battle Creek.	Ladies' apparel.	1	13	14
Oct. 29	Kresge, S. S.	Battle Creek.	5 and 10 cent goods.	6	33	39
Oct. 31	La Vogue.	Battle Creek.	Ladies' apparel.		4	4
Nov. 1	Livingston, M. & Co.	Battle Creek.	Clothing.	2	2	4
Nov. 3	Nichols, Charles.	Battle Creek.	Upholstering.	6	1	7
Oct. 31	Peoples Outfitting Co.	Battle Creek.	Furniture.	6	1	7
Nov. 5	Redner & Cortwright Paper Co.	Battle Creek.	Paper.	3	2	5
Oct. 31	Roat, Charles E.	Battle Creek.	Music.	5	5	10
Nov. 15	Robinson, L. W.	Battle Creek.	Dry goods.	6	31	37
Oct. 31	Schroeder Brothers Co., Inc.	Battle Creek.	Dry goods, etc.	11	34	45
Oct. 31	Seaman's.	Battle Creek.	Ladies' apparel.		6	6
Nov. 3	Snyder, R. W.	Battle Creek.	Extracts, etc.	6	1	7
Oct. 31	Sterling Brothers Co.	Battle Creek.	Dry goods, etc.	5	9	14
Nov. 5	Toiller-Grant Co.	Battle Creek.	Dry goods, etc.	19	56	75
Nov. 3	Tuckerman, M. O.	Battle Creek.	Meats.	1	3	4

## DEPARTMENT OF LABOR.

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>CALHOUN Co.—Con.</b>						
Oct. 31	Turner Furniture Co.	Battle Creek	Furniture	6	1	7
Nov. 5	Warburton, C. C.	Battle Creek	Flowers	1	3	4
Oct. 31	Woolworth, F. W. Co.	Battle Creek	5 and 10 cent goods	3	24	27
Nov. 9	Bliss, B. A.	Marshall	Groceries	1	2	3
Nov. 9	Cronin, H. L.	Marshall	Groceries	3		3
Nov. 9	Cronin, Jay H.	Marshall	Dry goods	2	3	5
Nov. 9	Deuel, Francis S.	Marshall	Clothing	2		2
Nov. 9	Kelser, H. G.	Marshall	Furniture	3		3
Nov. 9	Larson Co., The	Marshall	5 and 10 cent store	1	2	3
Nov. 9	Perritt, George & Son	Marshall	Dry goods	2	3	5
Nov. 9	Shear's New York Store	Marshall	Dry goods, etc.	1	2	3
Nov. 5	Sherwood, W. A.	Marshall	5 and 10 cent goods	1	2	3
Nov. 9	Smith, C. C.	Marshall	Hardware	1		1
<b>CASS COUNTY.</b>						
Nov. 10	Stermm, J. B.	Cassopolis	General merchandise	2	4	6
Nov. 10	Wilcox, J. R.	Cassopolis	Dry goods	1	1	2
Nov. 10	Yerty, O. L. Cash Store	Cassopolis	General merchandise	1	2	3
Nov. 9	Chase Racket Store	Dowagiac	Notions	1	2	3
Nov. 9	Dewey, B. L. & Son	Dowagiac	General merchandise	4	6	10
Nov. 9	Little, George H.	Dowagiac	General merchandise	5	4	9
Nov. 9	Merwin & Brownell	Dowagiac	Groceries and meats	5	1	6
Nov. 9	Phillipson Clothing Co.	Dowagiac	Clothing	8		8
Nov. 9	Richey, A. K. Store, The	Dowagiac	Dry goods	3	10	13
Nov. 13	Kroll, G. W.	Marcellus	General merchandise	3	3	6
Nov. 13	Stern, S. & Co.	Marcellus	General merchandise	7	3	10
Nov. 13	Woods, A. H. Store	Marcellus	Notions	1	3	4
<b>CHARLEVOIX COUNTY.</b>						
May 26	Bay Shore Mercantile Co.	Boyne City	General merchandise	2	1	3
May 23	Bergy Brothers	Boyne City	Novelty goods	2	1	3
May 23	Eagle Shoe Store, The	Boyne City	Shoes	2		2
May 28	Hankow Tea-Co., The	Boyne City	Teas, coffee, etc.	1	1	2
May 28	Hub, The	Boyne City	Clothing	2		2
May 28	Kaden, Frank	Boyne City	General merchandise	4	1	5
May 26	Kahler & Friend	Boyne City	General merchandise	3	2	5
May 22	McNamee, Joseph	Boyne City	General merchandise	3		3
May 22	Niergarth & Rupert	Boyne City	Clothing	3		3
May 28	Perkins, O. R.	Boyne City	Groceries	2		2
May 26	Quality Grocery, The	Boyne City	General merchandise	2	1	3
May 23	Thompson, Frank D.	Boyne City	Shoes	3		3
May 23	Wolfson, W.	Boyne City	Dry goods	1	2	3
May 29	Fanning Brothers	Boyne Falls	General merchandise	2		2
May 29	Grobaski Brothers	Boyne Falls	General merchandise	2	1	3
May 29	Jaffe, H.	Boyne Falls	Dry goods	1	1	2
May 29	Moon, L. A.	Boyne Falls	General merchandise	1	1	2
June 1	Begeon, A.	Charlevoix	Dry goods	1	1	2
June 8	Central Drug Store	Charlevoix	Drugs	3		3
June 4	Crane, J. L.	Charlevoix	Dry goods	3	4	7
June 2	Emrey Clothing House, The	Charlevoix	Clothing, etc.	3	1	4
June 4	Hines, F. G. & Co.	Charlevoix	Drugs	2		2
June 2	Levinson, M. A. & Co.	Charlevoix	Dry goods, etc.	2	3	5
June 1	McHugh's Bazaar	Charlevoix	Notions	1	1	2
May 31	Mason's Department Store	Charlevoix	General merchandise	4	3	7
June 4	Miller, Mrs. B. W.	Charlevoix	General merchandise	2		2
June 11	Bell, George A.	East Jordan	Groceries	3	2	5
June 14	Brabant, C. A.	East Jordan	General merchandise	2	1	3
June 13	Carr, George	East Jordan	Groceries and meats	4		4
June 12	City Feed Store	East Jordan	Farm products	2		2

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>CHARLEVOIX Co.—Con.</b>						
June 11	Dante, A.	East Jordan	Dry goods, etc.	1	1	2
June 12	East Jordan Lumber Co.	East Jordan	General merchandise.	8	3	11
June 13	Leader Department Store, The	East Jordan	Dry goods	1	1	2
June 6	Delicatessen, The	Walloon Lake	Groceries and meats.	2	1	3
June 6	Ransom, W. H.	Walloon Lake	General merchandise.	2	2	4
<b>CHEBOYGAN COUNTY.</b>						
Aug. 31	Barrowcliff, J. H. & Son	Cheboygan	Groceries	4		4
Sept. 1	Brackett, Frank E.	Cheboygan	Drugs	3		3
Sept. 6	Brown, James N.	Cheboygan	Groceries	4		4
Sept. 5	Central Drug Co.	Cheboygan	Drugs	3		3
Sept. 5	Cheboygan Drug Co.	Cheboygan	Drugs	3		3
Aug. 31	Cheboygan Hardware Co.	Cheboygan	Hardware	2		2
Aug. 27	Clune & Meyer	Cheboygan	Furniture	5		5
Aug. 28	Cueny, B. A.	Cheboygan	Drugs	3		3
Aug. 27	Cueny & Galbraith	Cheboygan	Hardware	2		2
Aug. 3	De Gowin, F. L.	Cheboygan	Groceries	2		2
Sept. 1	Dodd & Cole	Cheboygan	Groceries	1	2	3
Aug. 27	Duffin & Durand	Cheboygan	Dry goods and shoes	3	6	9
Aug. 29	Edelstein, Leo	Cheboygan	Clothing	4	2	6
Sept. 6	Farrell, S.	Cheboygan	Hardware	2		2
Sept. 5	Fralick, M. D.	Cheboygan	Groceries	3	1	4
Aug. 27	Garland, Albert E.	Cheboygan	Books, etc.	1		1
Sept. 4	Habeling, C. P.	Cheboygan	Clothing	1	1	2
Aug. 27	Hagadorn, W. L. & Co.	Cheboygan	Jewelry, etc.	3		3
Aug. 31	Hohler, F. J.	Cheboygan	Groceries	2	2	4
Sept. 4	Haut Grocer Co.	Cheboygan	Groceries	6	2	8
Sept. 6	Hub Mercantile Co., The	Cheboygan	Groceries and crockery	6	2	8
Aug. 30	Hubbard, Pearl	Cheboygan	Furniture	2		2
Nov. 14	Kessler Brothers	Cheboygan	Groceries	2		2
Aug. 27	Kucinski, Alex.	Cheboygan	Shoes	2	1	3
Aug. 27	Malenfant & Rogan	Cheboygan	Clothing	2		2
Sept. 6	Malek, M. F. & Sons	Cheboygan	Shoes and rubbers	3	1	4
Aug. 27	Newell, E. F.	Cheboygan	Shoes	4		4
Nov. 14	Palace Grocery	Cheboygan	Groceries	2		2
Sept. 5	Post, J. J. Hardware Co., Ltd.	Cheboygan	Hardware	3		3
Sept. 4	Rapin-Bessette Clothing Co.	Cheboygan	Clothing	3		3
Sept. 4	Sangster & Riggs	Cheboygan	Drugs	2		2
Sept. 6	Schley, Charles	Cheboygan	Groceries	3	1	4
Sept. 1	Shields Brothers	Cheboygan	Groceries	2	2	4
Sept. 6	Shields, James A.	Cheboygan	Groceries, crockery, etc.	3	1	4
Sept. 6	Thompson, The Co.	Cheboygan	General merchandise.	5	9	14
Sept. 6	Awada, A.	Cheboygan	5 and 10 cent goods	1	1	2
Sept. 7	Coffman, J. H. & Sons	Mackinaw City	Drugs	2		2
Sept. 7	Hunt, C. E.	Mackinaw City	Groceries and feed	3	1	4
Sept. 7	Mackinaw Pharmacy	Mackinaw City	Drugs, etc.	2	1	3
Sept. 7	Martin, E. T.	Mackinaw City	Groceries, etc.	2	1	3
Sept. 7	Patrick, George H.	Mackinaw City	Hardware	1		1
Sept. 7	Risk, Lena	Mackinaw City	Dry goods		3	3
Sept. 8	Cook Brothers & Co.	Wolverine	General merchandise	3	1	4
Sept. 8	Fails' Store	Wolverine	Groceries, etc.	1	1	2
Sept. 8	Fox, Charles	Wolverine	Groceries and hardware	2		2
Sept. 8	George, Percy F.	Wolverine	Drugs	2		2
Sept. 8	Jones & Taylor	Wolverine	Hardware	2		2
Sept. 8	Kimberly, Will R.	Wolverine	Furniture	2	1	3
Sept. 8	Levie, J. Walter	Wolverine	Dry goods, etc.	3		3
Sept. 8	Storey's Cash Store	Wolverine	Groceries	1	1	2

## DEPARTMENT OF LABOR.

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>CHIFFEWA COUNTY.</b>						
Jan. 29	Lucas, T. J.	Brimley	General merchandise.	1	1	2
Jan. 29	Reinhard, A. W.	Brimley	General merchandise.	3		3
Jan. 29	Thompson & Washburn	Brimley	Groceries.	3	1	4
Jan. 25	Barish Brothers Co.	Sault Ste. Marie	Clothing and shoes	2	1	3
Jan. 25	Boston Store, The	Sault Ste. Marie	Clothing and shoes	9		9
Jan. 26	Central Grocery Co., The	Sault Ste. Marie	Groceries.	4	1	5
Jan. 25	Conway & Hall	Sault Ste. Marie	Drugs	3		3
Jan. 25	Cault & Hunt, Inc.	Sault Ste. Marie	General merchandise.	11	32	43
Jan. 28	Eddy, A. H.	Sault Ste. Marie	Groceries.	11	4	15
Jan. 25	Haller, E. J.	Sault Ste. Marie	Books, etc.	2	2	4
Jan. 25	McKinney, P. T. & Sons	Sault Ste. Marie	Groceries, etc.	11	4	15
Jan. 26	Man Store, The	Sault Ste. Marie	Clothing and shoes	3		3
Jan. 25	Miller's Store	Sault Ste. Marie	Clothing	3	1	4
Jan. 25	Morris, B. M. Co.	Sault Ste. Marie	Clothing	3	1	4
Jan. 25	Moses, D. K. & Co.	Sault Ste. Marie	General merchandise.	10	18	28
Jan. 25	New Fair	Sault Ste. Marie	Clothing and shoes	1	1	2
Jan. 26	People's Store, The	Sault Ste. Marie	Clothing and shoes	1	1	2
Jan. 26	Price Drug Co.	Sault Ste. Marie	Drugs	5	4	9
Jan. 26	Quality Store	Sault Ste. Marie	Clothing and shoes	2		2
Jan. 26	Rudell Drug Co.	Sault Ste. Marie	Drugs	3	1	4
Jan. 25	Soo 5 and 10 Cent Stores	Sault Ste. Marie	5 and 10 cent goods	3	8	11
Jan. 26	Soo Flour and Feed Store	Sault Ste. Marie	Flour and feed	2	1	3
Jan. 25	Sterling, The	Sault Ste. Marie	Clothing and shoes	3		3
Jan. 22	Veyet, J. J.	Sault Ste. Marie	Groceries.	2	1	3
Jan. 22	Wheatley Brothers	Sault Ste. Marie	Groceries and feed	2		2
Jan. 25	Woolworth, F. W.	Sault Ste. Marie	5 and 10 cent goods	2	11	13
Jan. 25	Yalomstein, M. & Co.	Sault Ste. Marie	Clothing and shoes	6	9	15
Jan. 25	Your Shoe Man	Sault Ste. Marie	Shoes	3	1	4
Feb. 2	Furlong, P. M.	Trout Lake	General merchandise.	3		3
Feb. 2	Logan Variety Store	Trout Lake	5 and 10 cent goods	1	2	3
<b>CLARE COUNTY.</b>						
Nov. 15	Allen, J. A. & Co.	Clare	Groceries.	2		2
Nov. 15	Anderson, E. A.	Clare	Drugs	2		2
Nov. 15	Bicknell, William H. & Co.	Clare	Dry goods	7	8	15
Nov. 15	Bogardus, S.	Clare	Groceries.	1		1
Nov. 15	Carrier, S. M.	Clare	Notions		2	2
Nov. 15	Clare Hardware & Implement Co.	Clare	Hardware	6	1	7
Nov. 15	Demarest's Cash Bargain Store	Clare	General merchandise.	1		1
Nov. 15	Derby, O. A.	Clare	Candy	1		1
Nov. 15	Dionise, John	Clare	Fruits	1		1
Nov. 15	Dunlap, J. W.	Clare	Drugs	1		1
Nov. 14	Eaaler, G. W.	Clare	Hardware and furniture	2		2
Nov. 15	Fox, L.	Clare	Jewelry	2		2
Nov. 15	Grill & Huffman	Clare	Jewelry	2		2
Nov. 15	Harris & Hirt	Clare	Hardware	3		3
Nov. 15	Hummon, Cyrus	Clare	Jewelry	1		1
Nov. 15	Kirkpatrick, Floyd	Clare	Drugs	2	1	3
Nov. 15	Rhoades, A. S.	Clare	Groceries.	1		1
Nov. 15	Tatman, J. F. & Son	Clare	Groceries and shoes	2		2
Nov. 14	Thompson, L. H.	Clare	Farm implements	2		2
Nov. 14	Thorpe, A. W.	Clare	Groceries.	2		2
Nov. 15	Wilson-Davy Co.	Clare	Dry goods	8	5	13
Nov. 14	Bingham, C. E.	Farwell	Hardware	1		1
Nov. 14	Burston, William	Farwell	Drugs	1		1
Nov. 14	Maurer, C. I.	Farwell	General merchandise	1		1
May 16	Fanning, M.	Harrison	General merchandise	2	1	3
Nov. 16	Hughes Brothers	Harrison	General merchandise	4	1	5



Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>CLINTON COUNTY.</b>						
Aug. 20	Burk, F. C.	St. Johns	General merchandise	5	3	8
Sept. 28	Chapin, C. E.	St. Johns	General merchandise	3	3	3
Aug. 16	Chapman, George H.	St. Johns	Dry goods, etc.	3	11	14
Sept. 6	Fraudsen, A. K.	St. Johns	Dry goods, etc.	3	8	11
Sept. 28	Hicks, John, Dry Goods Store	St. Johns	General merchandise	2	5	7
Sept. 28	Pappas, Nick	St. Johns	Confectionery, etc.	2	2	2
Sept. 18	Souby, E. E.	St. Johns	Notions	2	2	2
<b>CRAWFORD COUNTY.</b>						
Sept. 26	Central Drug Store	Grayling	Drugs	3		3
Sept. 22	Connie, R. D.	Grayling	Groceries	5		5
Sept. 22	Dreese, Frank	Grayling	Clothing and shoes	2	2	3
Sept. 25	Grayling Mercantile Co.	Grayling	Clothing and dry goods	2	2	4
Sept. 26	Hathaway, C. J.	Grayling	Jewelry, etc.	2		2
Sept. 25	Kraus, A.	Grayling	Hardware	2		2
Sept. 26	Landsberg, Max	Grayling	Clothing and shoes	2		2
Sept. 22	Lewis, A. M.	Grayling	Drugs	4	1	5
Sept. 22	Salling, Hanson Co.	Grayling	Groceries, etc.	9	3	12
Sept. 25	Simpson Co., The	Grayling	Groceries	3	1	4
Sept. 26	Trudeau, A.	Grayling	Groceries	2		2
Nov. 27	Abrahams, H. L.	Frederic	General merchandise	2		2
Nov. 27	Higgins, John	Frederic	Groceries	1	1	2
<b>DELTA COUNTY.</b>						
April 26	Frochette, J. B.	Bark River	General merchandise	1	2	3
April 26	Labre, Phil	Bark River	General merchandise	2	1	3
April 26	Leader, Th.	Bark River	General merchandise	3	2	5
April 13	Brennan, S. W.	Escanaba	Groceries	3	1	4
April 10	Cash Mercantile Co., The	Escanaba	Groceries	6	2	8
April 21	Delta Hardware Co.	Escanaba	Hardware	32	4	36
April 19	Erickson, Ed. Co., The	Escanaba	Dry goods	4	24	28
April 20	Erickson, L. A.	Escanaba	Clothing	4	1	4
April 12	Fair Savings Bank Department Store	Escanaba	General merchandise	41	65	106
April 17	Hanrahan Brothers	Escanaba	Groceries	3	2	5
April 13	Kratze Brothers	Escanaba	General merchandise	12	23	35
April 16	MacKillican, B. J.	Escanaba	Clothing, etc.	2	1	3
April 11	Manning-Peterson Shoe Co.	Escanaba	Boots and shoes	6		6
April 16	Metropolitan 5 to 50 Cent Store	Escanaba	5 to 50 cent goods	2	6	8
April 14	Nelson, Nels Estate	Escanaba	Groceries	2	1	3
April 12	North Star Clothing Co.	Escanaba	Dry goods and clothing	2	4	6
April 11	St. Jacques, Thomas	Escanaba	Groceries	2		2
April 20	Scott, M. H.	Escanaba	Dry goods and notions	1	2	3
April 16	Stein's Department Store	Escanaba	General merchandise	3	2	5
April 14	Stein, George	Escanaba	Clothing	1	1	2
April 11	Todd Brothers	Escanaba	Groceries	3		3
April 10	Woolworth, F. W. Co.	Escanaba	5 and 10 cent goods	3	16	19
April 16	Young & Fillion Co.	Escanaba	Clothing	6		6
May 2	Blackwell, H. W.	Gladstone	Hardware	3		3
May 2	Boyer, L. P.	Gladstone	Groceries	3	1	4
May 2	Champlin, O. G.	Gladstone	5, 10 and 25 cent goods	1	1	2
May 3	Gladstone Grocery	Gladstone	Groceries	3	1	4
May 3	Goldstein, Sidney W.	Gladstone	Dry goods, etc.	2	5	7
May 3	Hanson, Eloy	Gladstone	Groceries	5	1	6
May 2	Lewin & Jacobs	Gladstone	Clothing, etc.	4	1	5
May 3	Micks, W. J.	Gladstone	Groceries	4		4
May 2	Rosenblum, H.	Gladstone	Dry goods	4	12	16
May 2	Shelby, I. E.	Gladstone	Dry goods	1	1	2
May 2	Star Grocery, The	Gladstone	Groceries	3	1	4

## DEPARTMENT OF LABOR.

*Inspection of stores.—Continued.*

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
DICKINSON COUNTY.						
Jan. 9	Anderson, Charles E.	Iron Mountain	Dry goods, etc.	1	2	3
Jan. 14	Franchise, Arthur	Iron Mountain	Jewelry	1		1
Jan. 10	Fugere Brothers	Iron Mountain	Gents' clothing	4	1	5
Jan. 14	Furno, C.	Iron Mountain	Groceries	1	1	1
Jan. 9	Gately-Wiggins	Iron Mountain	Furniture	5	1	6
Jan. 14	Gaudio, Carmine	Iron Mountain	Groceries	2	2	4
Jan. 9	Great London Store	Iron Mountain	Dry goods and groceries	3	3	6
Jan. 11	Hanson, John	Iron Mountain	General merchandise	2	1	3
Jan. 14	Izzo, Frank	Iron Mountain	General merchandise	1	2	3
Jan. 14	Kattnig, Joe	Iron Mountain	Groceries	1	1	2
Jan. 11	Khowry, Sam	Iron Mountain	Confectionery, etc.	1	1	2
Jan. 11	Levy M. Co., Ltd.	Iron Mountain	Groceries and chinaware	7	1	8
Jan. 11	Levy M. Co., Ltd.	Iron Mountain	General merchandise	6	11	17
Jan. 14	Michela Brothers	Iron Mountain	Groceries	2	1	3
Jan. 14	Negro, D. & Sons	Iron Mountain	General merchandise	2		2
Jan. 11	Parent Clothing Co., The	Iron Mountain	Gents' clothing	3		3
Jan. 10	Rahn & Will	Iron Mountain	Jewelry	4		4
Jan. 9	Roell, E. F. & Co.	Iron Mountain	Dry goods and groceries	3	1	4
Jan. 14	Rusky Brothers	Iron Mountain	General merchandise	1	2	3
Jan. 9	Russell, John	Iron Mountain	General merchandise	2	1	3
Jan. 10	Sackim, Abe Co.	Iron Mountain	General merchandise	5	12	17
Jan. 11	Seandling, W. H.	Iron Mountain	Groceries	2	1	3
Jan. 10	Seibert's Drug Store	Iron Mountain	Drugs	4		4
Jan. 10	Sims' Drug Store	Iron Mountain	Drugs	2	1	3
Jan. 14	Smoliner, George	Iron Mountain	Groceries	1	1	2
Jan. 9	Stronc, John	Iron Mountain	Stoves, furniture, etc.	1		1
Jan. 10	Uddenberg's Pharmacy	Iron Mountain	Drugs	2		2
Jan. 7	Weber, Ben.	Iron Mountain	Groceries	1	2	3
Jan. 10	Woolworth, F. W. Co.	Iron Mountain	5 and 10 cent goods	2	7	9
Jan. 16	Asp, D. A. & Co.	Norway	Furniture	1	1	2
Jan. 17	Charash, L.	Norway	Gents' furnishings	2		2
Jan. 16	Ekland, Mrs. John	Norway	Jewelry	1	1	2
Jan. 17	Jacobsen's Pharmacy	Norway	Drugs	2		2
Jan. 17	Lindholm Anton	Norway	Tailoring	1		1
Jan. 17	Norway Clothing House	Norway	Dry goods	1	2	3
Jan. 17	Parkers Variety Store	Norway	5, 10 and 25 cent goods		1	1
Jan. 16	Perkins, John & Son	Norway	General merchandise	2	1	3
Jan. 17	Ruwitich, Joseph & Sons	Norway	General merchandise	6	12	18
Jan. 16	Sethney, A. T. & Co.	Norway	Groceries	2	1	3
Jan. 17	Soderlund, S.	Norway	Jewelry	1		1
Jan. 17	Weber's Pharmacy	Norway	Drugs	1		1
EATON COUNTY.						
June 15	Butler, A. G., Jr.	Bellevue	Dry goods	1	2	3
June 15	Lamphere, Fred	Bellevue	Groceries	3		3
June 15	Mason, B. E.	Bellevue	Groceries	2		2
June 15	Woods, F. J.	Bellevue	General merchandise	1	1	2
June 9	Moyer & Chandler	Charlotte	Drugs	3		3
June 7	Beard, F. E.	Charlotte	Drugs	4		4
June 7	Bryan, James H.	Charlotte	Drugs	3		3
June 6	Bullen & Richey	Charlotte	Dry goods	3	4	7
June 7	Collins, A. B.	Charlotte	Drugs	2		2
June 7	Cook, S. E. & Co.	Charlotte	Dry goods	5	7	12
June 7	Crofoot, R.	Charlotte	Clothing	3		3
June 5	Fast, E. I.	Charlotte	Furniture	2		2
June 8	Houghtaling, A. A.	Charlotte	5 and 10 cent goods	2	2	4
June 5	Ives-Sylvester	Charlotte	Furniture	5		5
June 5	Krebs, H. H. & Co.	Charlotte	Groceries	3	2	5

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>EATON CO.—Con.</b>						
June 7	Kutsche, R. P.	Charlotte	Hardware	3		3
June 7	Lamb & Spencer Co.	Charlotte	Groceries	13	2	15
June 8	McElmurry, George W.	Charlotte	5 and 10 cent goods	1	5	6
June 7	Murray, Albert	Charlotte	Shoes	2		2
June 7	Murray, Fred & Co.	Charlotte	Shoes	2		2
June 7	New York Store, The	Charlotte	Dry goods	2	2	4
June 6	Robinson, Lawrence	Charlotte	Clothing	3		3
June 6	Sassaman, John V.	Charlotte	Drugs	4		4
June 6	Shuler, O. P.	Charlotte	Drugs	2		2
June 6	Streke-Griffin Co.	Charlotte	Dry goods	2	5	7
June 7	Vomberg, M.	Charlotte	Clothing	4		4
June 13	Bateman, W. J.	Dimondale	General merchandise	2		2
June 13	Lewis, C. C.	Dimondale	General merchandise	2		2
June 12	Barnes & Stoddard	Eaton Rapids	Clothing	3		3
June 11	Belnap Clark L.	Eaton Rapids	Clothing	3		3
June 13	Bentley, H. S.	Eaton Rapids	Shoes	2		2
June 13	Birney, John D.	Eaton Rapids	Drugs	2		2
June 11	Boice, H. L.	Eaton Rapids	Notions	1	3	4
June 12	Culver, F. J.	Eaton Rapids	Groceries	3		3
June 11	Graham, F. A.	Eaton Rapids	Drugs	2		2
June 12	Hale & Pettit	Eaton Rapids	Furniture	3		3
June 12	Knapp, J. F. & Son	Eaton Rapids	Groceries	6	1	7
June 13	Knapp & Marshall	Eaton Rapids	Dry goods	2	2	4
June 12	Lindsey, George W.	Eaton Rapids	Groceries	3	1	4
June 12	Meade, W. R.	Eaton Rapids	Drugs	3	1	4
June 11	Mendell, F. W.	Eaton Rapids	Dry goods	1	1	2
June 12	Old Bank Grocery, The	Eaton Rapids	Groceries	2	1	3
June 12	Parks, James H.	Eaton Rapids	Dry goods	2	4	6
June 11	Sandera, J. W.	Eaton Rapids	Notions	1	1	2
June 12	Stirling & Crawford	Eaton Rapids	Groceries, etc.	7	2	9
June 20	Baldwin & Watson	Grand Ledge	Groceries	4	1	5
June 19	Economy Clothing Co.	Grand Ledge	Clothing	3		3
June 20	Hall, W. L.	Grand Ledge	Shoes	2		2
June 19	Haleted, A. O.	Grand Ledge	Drugs	2		2
June 20	Houghtaling, A. A.	Grand Ledge	5 and 10 cent goods	1	1	2
June 19	Marshall-Huggett Co., The	Grand Ledge	Dry goods	2	6	8
June 19	Nott, R. N. & Co.	Grand Ledge	Dry goods	2	5	7
June 19	Smith, W. B.	Grand Ledge	General merchandise	2	3	5
June 20	Stark, Miles Clothing Co.	Grand Ledge	Clothing	3		3
June 19	Streeter, N. J.	Grand Ledge	Groceries	2	1	3
June 20	Taylor & Soper	Grand Ledge	Groceries	3		3
June 20	Temam Bazar Co., The	Grand Ledge	Notions	2	1	3
June 20	Davies, R. J. & Son	Mulliken	Groceries	3		3
June 15	Montague, Charles H.	Olivet	Groceries	2		2
June 15	Newland & Campbell	Olivet	Groceries	3		3
June 15	Sours, J. H.	Olivet	Drugs	2		2
June 23	Cook, S. R.	Potterville	Groceries	3		3
June 20	Town, C. N.	Sunfield	Hardware	1		1
June 16	Barber Brothers	Vermontville	Dry goods	3	1	4
June 16	Barber, E. D.	Vermontville	Hardware	3		3
June 16	Lamb, Charles H.	Vermontville	General merchandise	3	1	4
June 16	Lamb Hardware & Implement Co.	Vermontville	Hardware	4		4
June 16	Loveland, L. W.	Vermontville	Drugs	2		2
June 16	Miller, W. H.	Vermontville	Groceries	3		3

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>EMMET COUNTY.</b>						
May 17	Klein, N. Department Store	Alanson	General merchandise	2	2	4
May 17	O'Reilly, R. T.	Alanson	Dry goods	1	3	4
May 10	Cash Grocery, The	Harbor Springs	Groceries	2		2
May 10	Darling's Art Shop	Harbor Springs	Art goods	1	2	3
May 8	Harbor Springs Grocery Co.	Harbor Springs	Groceries	5		5
June 22	Horn, Grace Chandler	Harbor Springs	Art goods	1	3	4
May 10	Melson, G. W. & Co.	Harbor Springs	Groceries	4		4
May 9	Segal, Mrs. Ben	Harbor Springs	Dry goods		3	3
May 9	Stein, J. F.	Harbor Springs	Dry goods	2	2	4
May 10	Weaver & Clement	Harbor Springs	Groceries	3		3
May 16	Reed & Co.	Levering	General merchandise	2		2
May 16	Walker, John J.	Levering	General merchandise	3	3	6
May 16	Devine & Sage	Pellston	General merchandise	2		2
May 16	Jackson & Tindle	Pellston	General merchandise	11	3	14
May 16	Pellston Mercantile Co.	Pellston	General merchandise	3		3
May 16	Stevenson, E. G.	Pellston	Drugs	2		2
May 8	Beese & Porter	Petokey	Dry goods	1	3	4
May 5	Chattaway Co., The	Petokey	Groceries	3		3
May 1	Central Drug Store	Petokey	Drugs	2		2
April 26	Comstock, C. S. & Son	Petokey	General merchandise	3	1	4
April 30	Eagle Shoe Store	Petokey	Shoes	3		3
May 3	Eckel Drug Co.	Petokey	Drugs	4		4
May 4	Fallass Drug Store	Petokey	Drugs	3		3
May 4	Ferris, John L.	Petokey	Groceries	3	1	4
May 5	Fochtman, A. Department Store	Petokey	General merchandise	22	8	30
May 1	Hankow Tea Co.	Petokey	Tea and coffee	1	1	2
May 5	Harner's Book Store	Petokey	Books, etc.	2		2
April 26	Henderson, J. L.	Petokey	General merchandise	4		4
April 30	Levinson's Department Store	Petokey	General merchandise	2	5	7
May 9	Ludlum's Cooperative Store	Petokey	China, etc.		2	2
May 1	Roenthal, S. & Sons	Petokey	General merchandise	10	13	23
May 3	Stoughton, J. W. & Co.	Petokey	5 and 10 cent goods	1	2	3
May 5	Thompson, A. B.	Petokey	Groceries and provisions	2	1	3
April 28	Welling's Department Store	Petokey	Dry goods	2	5	7
<b>GENESEE COUNTY.</b>						
Sept. 19	Branch & Rumbold	Flint	Furniture and hardware	8	1	9
Sept. 20	Buckingham, George W.	Flint	Clothing, etc.	18	5	23
Sept. 19	Bush, Herbert N.	Flint	Dry goods, etc.	4	30	34
Sept. 17	Cable Piano Co.	Flint	Pianos	6	4	10
Sept. 18	Candy Kitchen	Flint	Confectionery		3	3
Sept. 20	Doty-Salisbury Co.	Flint	Furniture, etc.	11	4	15
Sept. 18	Economy Co., The, Ltd.	Flint	Shoes	6	2	8
Sept. 19	Fair, The	Flint	Dry goods	23	3	26
Sept. 20	Flint Home Furnishing Co.	Flint	Furniture	19	1	20
Sept. 19	Grand Union Tea Co.	Flint	Tea and coffee	2	1	3
Sept. 20	Grinnell Brothers	Flint	Music, etc.	16	8	24
Sept. 18	Goodman, Phil E.	Flint	Clothing	1	7	8
Sept. 18	Hill Brothers Dry Goods Co.	Flint	Dry goods	2	35	37
Sept. 17	Hixson, E. M.	Flint	Groceries	12	6	18
Sept. 18	Hubbard, George W. Hardware Co.	Flint	Hardware	13	6	19
Sept. 17	King Clothing Co.	Flint	Clothing	3	4	7
Sept. 20	Kobacker Furniture Co.	Flint	Furniture	12	3	15
Sept. 18	Kresge, S. S. Co.	Flint	5, 10 and 15 cent goods	5	35	40
Sept. 20	Laird, I. A. & Co.	Flint	Furniture	9	1	10
Sept. 17	Liberal Credit Clothing Co.	Flint	Clothing	1	2	3

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>GENESEE Co.—Con.</b>						
Sept. 18	Livingston Clothing Co.	Flint	Clothing	2	2	4
Sept. 20	Michigan Stores Co., The	Flint	1 to 50 cent goods	6	26	32
Sept. 18	Miller, Charles H.	Flint	Hardware	7	2	9
Sept. 18	New Orleans Fruit House	Flint	Fruit	37	11	48
Sept. 19	Peoples Cash Meat Market	Flint	Meats	4	1	5
Sept. 18	Peoples Credit Clothing Co.	Flint	Clothing	4	4	8
Sept. 20	Ryan, John P. Co.	Flint	Jewelry	4	2	6
Sept. 19	Sandere-Arts Co.	Flint	Office supplies	4	1	5
Sept. 17	Seitner Co., The	Flint	General merchandise	1	24	25
Sept. 18	Siegel, S. K. Co.	Flint	Ladies' garments	3	10	13
Sept. 19	Sills, J. E. Electric Co.	Flint	Electrical supplies	29	1	30
Sept. 19	Smith-Bridgman Co.	Flint	General merchandise	40	60	100
Sept. 19	Smith, D. P. Floral Co.	Flint	Flowers	2	2	2
July 5	Smith, O. M.	Flint	Dry goods	11	57	68
Sept. 19	Stewart, H. H.	Flint	Clothing	6	1	7
Sept. 19	Torrey-McConnell Co.	Flint	Hardware	9	2	11
Sept. 19	Valley Printing Co.	Flint	Printing	4	2	6
Sept. 16	Vogue, The	Flint	Ladies' clothing	2	11	13
Sept. 18	Walk Over Boot Shop	Flint	Shoes	7	1	8
Sept. 19	Warrick Brothers	Flint	Dry goods	4	27	31
Sept. 19	Woolworth, F. W. Co.	Flint	5 and 10 cent goods	3	20	23
Dec. 21	Bedford & Sons	Flushing	Dry goods	1	4	5
Dec. 21	Bueche, B. P.	Flushing	Groceries	4	4	4
Dec. 21	Lott, E. A. & Co.	Flushing	General merchandise	4	1	5
Dec. 21	Moss, Charles T.	Flushing	General merchandise	3	1	4
Dec. 22	Dewey, Wood	Grand Blanc	General merchandise	2	1	3
Dec. 22	Gundry & Perry	Grand Blanc	Hardware	3	3	3
Dec. 22	Gundry & Son	Grand Blanc	General merchandise	2	1	3
Dec. 22	Webber Brothers	Grand Blanc	Groceries	2	2	2
Dec. 22	Davison & Houston	Swarts Creek	General merchandise	4	2	6
<b>GLADWIN COUNTY.</b>						
Oct. 8	Beaverton Cooperative Produce Co.	Beaverton	Flour and feed	2	2	2
Oct. 8	Beaverton Hardware Co., The	Beaverton	Hardware	3	3	3
Oct. 8	Budge, J. J.	Beaverton	Drugs	1	1	1
Oct. 8	Herendeen, W. H.	Beaverton	General merchandise	1	1	1
Oct. 8	Himelhoch, L.	Beaverton	Dry goods	2	1	3
Oct. 8	Janson, A. J.	Beaverton	Groceries	1	1	2
Oct. 8	Kunze Hardware & Implement Co.	Beaverton	Hardware	3	3	3
Oct. 8	Musser, John C.	Beaverton	General merchandise	1	1	2
Oct. 8	Zimmerman, A. A.	Beaverton	General merchandise	1	1	1
Oct. 3	Atchinson, Frank E.	Gladwin	General merchandise	3	1	4
Oct. 8	Burton, F. E.	Gladwin	Produce	2	2	2
Oct. 3	Cahling, John E.	Gladwin	Implements	2	2	2
Oct. 3	Capling, J. E.	Gladwin	Hardware	4	1	5
Oct. 3	Croakery Brothers	Gladwin	Hardware, etc.	4	1	5
Oct. 3	Goldberg, S. & Son	Gladwin	Dry goods and shoes	3	2	5
Oct. 2	Henderson & Millard	Gladwin	General merchandise	4	4	4
Oct. 3	McDuff's Drug Store	Gladwin	Drugs	2	2	2
Oct. 3	Miller, J. M.	Gladwin	Dry goods	2	1	3
Oct. 3	Myers & Englehardt	Gladwin	Dry goods, etc.	3	1	4
Oct. 3	Powell, Fred & Son	Gladwin	Hardware	3	3	3
Oct. 3	Stock, Thomas	Gladwin	General merchandise	2	2	2
Oct. 3	Wagar's Drug Store	Gladwin	Groceries and drugs	4	4	4
Oct. 3	Woodward, W. E.	Gladwin	Implements	2	2	2
Oct. 9	Matheon, John	Rhodes	Groceries	1	1	1
Oct. 9	Rhodes Hardware Co.	Rhodes	Hardware	1	1	1
Oct. 9	David, L. S.	Wagerville	General merchandise	1	1	2

## DEPARTMENT OF LABOR.

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
GOOGBIC COUNTY.						
Dec. 13	Abelman, A.	Bessemer	Clothing.	1	3	4
Dec. 13	Bessemer Cash Grocery.	Bessemer	General merchandise.	4		4
Dec. 13	Bessemer Pharmacy.	Bessemer	Drugs.	2		2
Dec. 13	Byrne, A.	Bessemer	Confectionery.	1	2	3
Dec. 7	Dastasio, Phillip & Co.	Bessemer	Confectionery.	2	2	4
Dec. 7	Finnish Mercantile Stock Co.	Bessemer	General merchandise.	5	2	7
Dec. 13	Hagen & Solberg.	Bessemer	Dry goods.	2	2	4
Dec. 13	Johnson, J. R.	Bessemer	Hardware and furniture.	2	1	3
Dec. 13	Kristianson, Axel.	Bessemer	Jewelry.	1	1	2
Dec. 7	Kulasavics & Skwor.	Bessemer	General merchandise.	5		5
Dec. 13	Little Monarch, The.	Bessemer	Gents' furnishings.	2		2
Dec. 13	Rice, Nathan.	Bessemer	Gents' furnishings.	3	1	4
Dec. 14	Rosenberg & Andrist.	Bessemer	General merchandise.	2	2	4
Dec. 14	Rosenberg & Andrist.	Bessemer	Jewelry.	2		2
Dec. 13	Skud-Goldman & Co.	Bessemer	Dry goods, etc.	4	6	10
Dec. 7	Truetzner, I. W.	Bessemer	Groceries.	2		2
Dec. 6	Aili, Oscar & Son.	Ironwood	General merchandise.	2	1	3
Nov. 28	Albert, George.	Ironwood	Dry goods and shoes.	1	2	3
Dec. 1	Auke & Kaukola.	Ironwood	Jewelry.	2		2
Dec. 1	Bean, C. M.	Ironwood	Jewelry.	1	2	3
Dec. 4	Brody, C.	Ironwood	Dry goods and shoes.	2	1	3
Nov. 28	Davis & Fehr.	Ironwood	Dry goods, etc.	2	36	38
Dec. 1	Erickson, C. E.	Ironwood	Hardware.	5	1	6
Nov. 28	Fashion Clothing & Shoe Store.	Ironwood	Clothing and shoes.	5	1	6
Nov. 30	Finnish Cooperative Trading Co., The.	Ironwood	Groceries, etc.	3	1	4
Dec. 1	Gamble & Mrochak.	Ironwood	Hardware.	4	1	5
Dec. 3	Hanley, Tim Co.	Ironwood	Groceries.	4	2	6
Dec. 1	Skud, Herman & Brother.	Ironwood	Clothing and shoes.	8	1	9
Dec. 1	Hub, The.	Ironwood	Gents' furnishings.	4		4
Dec. 4	Hummel, B.	Ironwood	Dry goods.	1	1	2
Dec. 1	Ironwood Pharmacy.	Ironwood	Drugs.	4		4
Nov. 27	Jacobs, M. N.	Ironwood	Gents' furnishings.	1	1	2
Dec. 1	Johnson, Alfred.	Ironwood	Gents' furnishings.	1	1	2
Nov. 28	Jussen & Trier.	Ironwood	Confectionery.	4	-8	12
Nov. 28	Kerkes, Joseph.	Ironwood	Gents' furnishings.	2		2
Nov. 28	Larson, Fred S.	Ironwood	Groceries, etc.	1	3	4
Dec. 1	Leader, The.	Ironwood	General merchandise.	3	15	18
Nov. 30	Lekaell, O.	Ironwood	Jewelry.	1		1
Nov. 28	McCabe, M. F.	Ironwood	Drugs.	2		2
Dec. 1	Metropolitan 5 to 50 Cent Stores.	Ironwood	5 to 50 cent goods.	2	10	12
Nov. 28	Model, The.	Ironwood	Clothing and shoes.	4		4
Nov. 30	Nordling & Hicks.	Ironwood	Drugs.	3		3
Dec. 6	Northern Grocer Co.	Ironwood	Groceries.	2		2
Dec. 1	Olson Brothers.	Ironwood	Groceries.	10	3	13
Dec. 6	Pakka, Matt.	Ironwood	Dry goods.	1	1	2
Dec. 3	Penny, J. C. Co.	Ironwood	Dry goods.	3	5	8
Dec. 3	Schneider, A. J.	Ironwood	Gents' furnishings.	2	1	3
Nov. 28	Sjoquist, Julius.	Ironwood	General merchandise.	1		1
Dec. 1	Sullivan & Coumbe.	Ironwood	Groceries.	10	3	13
Nov. 20	Tobin, A.	Ironwood	Jewelry.	3		3
Nov. 28	Triplett, William D.	Ironwood	Jewelry.	1	2	3
Dec. 1	Wick, H. M.	Ironwood	Jewelry.	1	1	2
Dec. 1	Woolworth, F. W. Co.	Ironwood	5 and 10 cent goods.	3	10	13
Dec. 6	Basso, Chris.	Jesseville	Groceries.	1	1	2
Dec. 6	Bolich, John.	Jesseville	Dry goods.	1	1	2

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>GOGEBIC Co.—Con.</b>						
Dec. 6	Jelich, George	Jesseville	Groceries and dry goods	1	2	3
Dec. 6	Leader, Charles	Jesseville	General merchandise	1	1	2
Dec. 6	O'Donnell & Nolan	Jesseville	5 and 10 cent goods	2		2
Dec. 6	Wright & Ebli	Jesseville	General merchandise	3	2	5
Dec. 17	Bonino Brothers	Wakefield	Groceries	3		3
Dec. 17	Olaon Brothers	Wakefield	General merchandise	4		4
Dec. 17	Palace Store, The	Wakefield	Clothing and shoes	3		3
Dec. 17	Skud, Goldman & Co.	Wakefield	General merchandise	3	5	8
Dec. 17	Wakefield Pharmacy	Wakefield	Drugs	2		2
<b>GRAND TRAVERSE COUNTY.</b>						
May 16	Morris, Louis	Kingsley	Dry goods	2	1	3
May 9	Brownell, W. H.	Traverse City	Novelties	1	2	3
May 9	Coffee Ranch, The	Traverse City	Tea and coffee	2		2
May 12	Friedrich, A. V.	Traverse City	Shoes	6	1	7
May 8	Giuffre, M.	Traverse City	Fruit	3		3
May 14	Globe Department Store, The	Traverse City	Dry goods, etc.	8	11	19
May 7	Grinnell Brothers	Traverse City	Music	7	4	11
May 16	Hamilton Clothing Co.	Traverse City	Clothing	6		6
May 10	Hannah & Lay Mercantile Co.	Traverse City	General merchandise	48	29	77
May 7	Jackson, J. W.	Traverse City	Confectionery	2	1	3
May 12	Joy & Neisorg	Traverse City	Clothing	3		3
May 11	Milliken, J. W.	Traverse City	Dry goods, etc.	8	18	26
May 15	Kyselka, Prokop	Traverse City	Groceries	5	1	6
May 9	Sherman & Hunter Co.	Traverse City	Gents' furnishings	4		4
May 8	Slater, J. W.	Traverse City	House furnishings	5	2	7
May 9	Steinberg, J. H.	Traverse City	General merchandise	7	17	24
May 7	Wait, S. E. & Son	Traverse City	Drugs	5		5
May 8	Whiting Implement Co.	Traverse City	Implements	3		3
May 12	Weldman, A. & Son	Traverse City	Confectionery	2	3	5
May 8	Woolworth, F. W. Co.	Traverse City	5 and 10 cent goods	1	10	11
<b>GRATIOT COUNTY.</b>						
May 10	Brunner, W. Alex.	Alma	Drugs	3		3
May 10	Clapp, Earl C.	Alma	Hardware	5	1	6
May 10	Crandell & Scott	Alma	Furniture	4	1	5
May 11	Cushing & Benedict	Alma	Notions	2	3	5
May 10	Economy Shoe Store, The	Alma	Shoe store	5		5
May 11	Ellison's Grocery	Alma	Groceries	4	1	5
May 11	Gerhardt, J. A.	Alma	Dry goods	1	2	3
May 12	Glass & Hannah	Alma	Hardware	3		3
May 10	Hough, H. B.	Alma	Hardware	3		3
May 10	Look-Paterson Drug Co.	Alma	Drugs	3		3
May 11	Maier, G. J.	Alma	Clothing and shoes	4		4
May 11	Messinger, M.	Alma	Clothing and shoes	4		4
May 10	Montigel, J. M.	Alma	Implements	3		3
May 12	Murphy, Charles R.	Alma	Drugs	5		5
May 12	Naylor, James	Alma	General merchandise	1	1	2
May 11	Proud's Department Store	Alma	Dry goods and shoes	2	3	5
May 10	Redman, James	Alma	Groceries	5	2	7
May 11	Robinson, D. W.	Alma	Dry goods	3	9	12
May 10	Slater & Goodes	Alma	Clothing	4		4
May 10	Wright, G. V.	Alma	Furniture	3		3
May 5	Barnes, C. H.	Adley	General merchandise	2		2
May 5	Corwin, Charles	Adley	General merchandise	1	1	2
May 4	Criner, Carl	Bannister	General merchandise	2		2
May 4	Peck, F. C.	Bannister	Groceries	1	1	2
May 4	Steere, B. H.	Bannister	Clothing	1	1	2

## DEPARTMENT OF LABOR.

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>GRATIOT CO.—Con.</b>						
May 25	Chisholm, Alex. & Son.	Breckenridge	General merchandise.	2	1	3
May 25	Fox, W. B.	Breckenridge	General merchandise.	2	2	4
May 25	Hodge Brothers.	Breckenridge	Hardware.	3		3
May 25	Hunn, A. & E.	Breckenridge	General merchandise.	1	3	4
May 25	Thomas, P. C.	Breckenridge	Hardware.	3		3
May 25	Watson & Son.	Breckenridge	Drugs.	3		3
May 28	Hilfinger Mercantile Co.	Elwell	General merchandise.	4	1	5
May 18	Alverson, E. J.	Ithaca	Hardware.	4		4
May 18	Barden, J. L.	Ithaca	Furniture.	3	1	4
May 18	Brown, C. M.	Ithaca	Harness, trunks, etc.	3		3
May 18	Brown-Davis Co.	Ithaca	Implements.	6		6
May 17	Coleman, G. J. & Son.	Ithaca	Implements.	4		4
May 17	Cowdrey's Drug Store.	Ithaca	Drugs.	2	1	3
May 19	Fleming Clothing Co.	Ithaca	Clothing and shoes.	3		3
May 19	Goodwin's Drug Store.	Ithaca	Drugs.	3	1	4
May 19	Home Goods Store, The.	Ithaca	5-10-25 cent goods.	4	4	8
May 18	Kirchheimer, Sam.	Ithaca	Clothing and shoes.	2		2
May 19	Lewis, Henry E.	Ithaca	General merchandise.	4	2	6
May 19	McCormack, Henry.	Ithaca	General merchandise.	7	6	13
May 18	Netsorg's.	Ithaca	Dry goods, etc.	3	2	5
May 18	Parrish, H. B.	Ithaca	Furniture.	3		3
May 17	Pinney, A. E. & Son.	Ithaca	Hardware.	7		7
May 17	Pino, B. P.	Ithaca	Implements.	3		3
May 19	Sprague, A. A.	Ithaca	Drugs.	2	2	4
May 19	Yost & Hamilton.	Ithaca	General merchandise.	5	1	6
Mar 28	Moblo, R. E.	Ithaca	Hardware and furniture.	2		2
May 22	McIntyre, A. S.	St. Louis	Drugs.	2		2
May 21	Quality Shop, The.	St. Louis	Clothing.	2		2
May 23	Raycraft-Thompson Drug Co.	St. Louis	Drugs.	3		3
May 24	St. Louis Grocery Co.	St. Louis	Groceries.	3		3
May 23	St. Louis Hardware Co.	St. Louis	Hardware.	4	2	6
May 24	Slater Dry Goods Co.	St. Louis	Dry goods.	2	5	7
May 21	Smith, Carlton.	St. Louis	Groceries.	2	1	3
May 23	Tiffany, H.	St. Louis	Notions.	1	2	3
May 23	Tuger, H. J.	St. Louis	General merchandise.	5	7	12
May 23	Vliet & Hanna.	St. Louis	Dry goods.	2	2	4
<b>HILSDALE COUNTY.</b>						
Nov. 20	Abbott-Cooper Hardware Co.	Hillsdale	Hardware.	3	1	4
Nov. 20	Buchanan Co., The.	Hillsdale	Dry goods.	4	12	16
Nov. 19	Farnsworth, F. L.	Hillsdale	Dry goods.	1	10	11
Nov. 19	Ferria, O. W.	Hillsdale	Dry goods.	2	4	6
Nov. 19	Hillsdale Hardware Co., The.	Hillsdale	Hardware.	3	2	5
Nov. 19	Morris' 5 and 10c Store.	Hillsdale	5 and 10c merchandise.	2	4	6
Nov. 20	New York Racket Store, The.	Hillsdale	Crockery, etc.	2	3	5
Nov. 19	Rogers Grocery.	Hillsdale	Groceries.	4	1	5
Nov. 19	Stearns, F. M.	Hillsdale	Groceries.	4	1	5
Nov. 20	Swift, Chas. H.	Hillsdale	Groceries.	5	1	6
Nov. 20	Thatcher, C. L. & Son.	Hillsdale	Books.	2	1	3
Nov. 20	Walworth, George E.	Hillsdale	Dry goods, etc.	2	7	9
Nov. 20	Whitney, E. E.	Hillsdale	Groceries.	6	1	9
<b>HOUGHTON COUNTY.</b>						
Oct. 10	Arne & Ruttenberg.	Calumet	General merchandise.	5	5	10
Oct. 9	Bee Hive Shoe Store, The.	Calumet	Shoes.	2	4	6
Oct. 13	Bianchi & Mansini.	Calumet	Groceries.	3		3
Oct. 18	Brown & Hutchins.	Calumet	Groceries.	2	3	5
Oct. 9	Brown & Petermann.	Calumet	Ladies' furnishings.	3	4	7



Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>HOUGHTON Co.—Con.</b>						
Oct. 16	Dwyer's, Tom Shoe Store	Calumet	Shoes	1	1	2
Oct. 10	Elki, Henry R.	Calumet	Men's furnishings	1		1
Oct. 16	Ellis, J. J.	Calumet	Jewelry	1		1
Oct. 10	Fahlen, A. & Co.	Calumet	Jewelry	2		2
Oct. 10	Forster, W. H.	Calumet	News, stationery, etc.	1	1	2
Oct. 10	Gartner, Leo	Calumet	Ladies' garments	1	14	15
Oct. 18	Gately-Wiggins Co.	Calumet	Furniture and clothing	12	8	20
Oct. 10	George, Elias	Calumet	General merchandise	1	1	2
Oct. 24	Godfrey, E. R. & Sons Co.	Calumet	Fruits and produce	8	5	13
Oct. 16	Grand Union Tea Co.	Calumet	Coffees and teas	7		7
Oct. 15	Hase, Ed. & Co.	Calumet	Clothing	3		3
Oct. 9	Hanley & McCormick	Calumet	Clothing	2		2
Oct. 16	Hermann Bros.	Calumet	Pianos	3		3
Oct. 15	Hocking's Clothing Store	Calumet	Clothing	2		2
Oct. 11	Kangas, Mrs. John	Calumet	Groceries		2	2
Oct. 13	Kivela Bros.	Calumet	Clothing	2		2
Oct. 23	Lean, H. E. & Sons	Calumet	General merchandise	11	14	25
Oct. 24	Lieblein, Ed. M.	Calumet	Groceries	11		11
Oct. 15	McEnroe, M.	Calumet	Books and stationery		2	2
Oct. 11	Mackey, Victor	Calumet	Groceries, etc.	2	2	4
Oct. 24	Malroid Trading Co.	Calumet	Flour, grain, etc.	3		3
Oct. 10	Matheson & Johnson	Calumet	General merchandise	4	3	7
Oct. 15	Metropolitan Pharmacy	Calumet	Drugs	3	1	4
Oct. 13	Miglio, Carlo	Calumet	Groceries	2	1	3
Oct. 9	Montin's Pharmacy	Calumet	Drugs	2	1	3
Oct. 10	Neimark, A.	Calumet	Men's furnishings	2		2
Oct. 10	Nicholas, Said	Calumet	General merchandise	2	1	3
Oct. 16	Orenstein, James	Calumet	Dry goods, etc.	3	5	8
Oct. 13	Ozanich, Vinco	Calumet	Groceries, etc.	3		3
Oct. 12	Paul, Michael	Calumet	Dry goods	1		1
Oct. 13	Paulson, Olaf	Calumet	Groceries	3	1	4
Oct. 9	Penberthy & Spehar	Calumet	Clothing	3		3
Oct. 12	Peninsula Wholesale Grocery	Calumet	Groceries	2		2
Oct. 10	Penney, J. C. Co.	Calumet	General merchandise	3	2	5
Oct. 11	Pine Street Pharmacy	Calumet	Drugs	2		2
Oct. 10	Reding, N. & Sons	Calumet	Dry goods, shoes, etc.	9	5	14
Oct. 13	Reshofsky, A.	Calumet	Clothing	1		1
Oct. 24	Roach & Seeber Co.	Calumet	Groceries and produce	4		4
Oct. 13	Rosenbaum, Saul	Calumet	Men's furnishings	1	5	6
Oct. 16	Ruppe, P. & Sons	Calumet	General merchandise	17	5	22
Oct. 15	Ruttenberg, Robert & Co.	Calumet	Clothing	3		3
Oct. 12	Sahlstein, J. & Co.	Calumet	Men's furnishings	2		2
Oct. 12	Shahen, Geo.	Calumet	General merchandise	1		1
Oct. 17	Sterk, A.	Calumet	Clothing, etc.	2		2
Oct. 18	Suino, Frank	Calumet	Groceries	3	1	4
Nov. 15	Tamarack Cooperative Association	Calumet	General merchandise	48	43	91
Oct. 10	Teotaky, S.	Calumet	Clothing and dry goods	2	1	3
Oct. 9	Vastbinder & Read	Calumet	Drugs	3	1	4
Oct. 16	Vertin Bros. & Co.	Calumet	General merchandise	21	33	54
Oct. 11	Warren, A.	Calumet	Jewelry	1		1
Oct. 9	Warren Jewelry Co.	Calumet	Jewelry	1	1	2
Oct. 10	Woolworth, F. W.	Calumet	5 and 10c merchandise	4	15	19
Aug. 30	Chassell Drug Store	Chassell	Drugs	2		2
Aug. 13	Chassell Mercantile Co.	Chassell	General merchandise	5	2	7
Aug. 30	Eber, P. Reid	Chassell	Groceries	1	1	2
Aug. 30	Gagnon, John A.	Chassell	Feed	2		2
Aug. 30	Wilkinson, Edward J.	Chassell	General merchandise	2		2
Oct. 5	Jurmu, Matt	Dollar Bay	General merchandise	2	2	7
Oct. 5	Koppelman, Ed. & Brother	Dollar Bay	Groceries, candy, etc.	2		2
Oct. 5	Schulte, A. M. & Co.	Dollar Bay	General merchandise	10	4	14

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>HOUGHTON Co.—Con.</b>						
Sept. 21	Arne, Benjamin	Hancock	Clothing	3	5	8
Sept. 21	Bell's Bazaar	Hancock	Notions	1	2	3
Sept. 19	Bianchi & Dianda	Hancock	Ice cream	3	2	5
Sept. 20	Borresen, Otto	Hancock	Jewelry	2	1	3
Sept. 24	Carney, W. L.	Hancock	Groceries	2		2
Sept. 24	Cash Saving Store	Hancock	Groceries	1	1	2
Sept. 22	City Candy Kitchen	Hancock	Ice cream, etc.	1	1	2
Sept. 22	Cohodas, H.	Hancock	Fruits and vegetables	1	1	2
Sept. 22	Ehler, Jacob & Co.	Hancock	Shoes	3	1	4
Sept. 13	Federighi, Antonio	Hancock	Groceries	2	1	3
Sept. 19	Gartner, Jacob	Hancock	General merchandise	4	36	40
Sept. 21	Gekas, Charles	Hancock	Ice cream, etc.	3	2	5
Sept. 13	Great Atlantic & Pacific Tea Co., The	Hancock	Teas, etc.	1	1	2
Sept. 20	Hancock Dry Goods Co., The	Hancock	Dry goods	1	7	7
Sept. 21	Hancock Mercantile Co.	Hancock	Groceries, etc.	3		3
Sept. 14	Jarvis, Henry	Hancock	Groceries, etc.	2		2
Sept. 21	Joffe, Herman P.	Hancock	Clothing, etc.	2		2
Sept. 13	Lencioni Bros.	Hancock	Groceries	1	2	3
Sept. 20	MacDonald Furniture Co.	Hancock	Furniture	5	1	6
Sept. 24	Mahfuz, Lutfey	Hancock	5 and 10c merchandise	1	5	6
Sept. 20	Manley, James	Hancock	Groceries	1	1	2
Sept. 21	Mayworm, Frank C.	Hancock	Jewelry	1	1	2
Sept. 21	Moss & Levine	Hancock	Clothing	2		2
Sept. 13	Mugniani, Raffaello	Hancock	Groceries	2	1	3
Sept. 21	Nichols, Geo. H.	Hancock	Drugs	6		6
Sept. 20	Office Shops, The	Hancock	Office fixtures	1	1	2
Sept. 20	Reid, William	Hancock	Groceries	9		9
Sept. 14	Rock Bros.	Hancock	Groceries	3		3
Sept. 20	Ruppe, P. & Sons	Hancock	General merchandise	10	2	12
Sept. 24	Schulte Bros.	Hancock	General merchandise	8	2	10
Sept. 21	Shinsky, Isaac	Hancock	Clothing	1		1
Sept. 21	Tillman, A. A. Co.	Hancock	Furniture	2	1	3
Sept. 20	Waarra, Edward	Hancock	Jewelry	2		2
Sept. 24	Waisanen, John	Hancock	Men's furnishings	2		2
Sept. 14	Wellmann, Carl	Hancock	Groceries	1	1	2
Sept. 22	Zoya Bros.	Hancock	Drugs	2		2
Sept. 11	Atkin, L. H.	Houghton	Drugs	3	1	4
Sept. 5	Arend's Confectionery	Houghton	Confectionery, etc.	1	1	2
Sept. 21	City Drug Store	Houghton	Drugs	4	4	4
Sept. 7	Economy Cash Grocery, The	Houghton	Groceries	2	1	3
Sept. 7	Haas, Ed. & Co.	Houghton	Clothing	4		4
Sept. 7	Hecker Grocery Co.	Houghton	Groceries	1	1	2
Sept. 10	Hixson, E. R.	Houghton	Groceries	6		6
Sept. 8	Houghton Department Store Co.	Houghton	Dry goods	3	5	8
Sept. 5	Kellow, R. D.	Houghton	Groceries and fruits	2	1	3
Sept. 5	Kirkish Bros.	Houghton	Dry goods, etc.	3	2	5
Sept. 6	Kirkish & Hagggar	Houghton	Clothing	2	1	3
Sept. 8	Krellwitz, L. H.	Houghton	Provisions and fruits	2		2
Sept. 5	Kremen, Boris	Houghton	Clothing	5		5
Sept. 10	Kroll's Drug Store	Houghton	Drugs	3		3
Sept. 8	Levine, M.	Houghton	Dry goods	5	20	25
Sept. 7	Lundahl, L. A.	Houghton	Drugs	1	1	2
Sept. 5	McVicar, W. S.	Houghton	General groceries	2		2
Sept. 4	Oleson, Swan	Houghton	Clothing, etc.	2		2
Sept. 5	Phillips, S. L.	Houghton	Men's furnishings	2		2
Sept. 10	Tracy, Eri E.	Houghton	Groceries	3		3
Sept. 5	West Side Pharmacy	Houghton	Drugs	2	1	3
Sept. 5	Woolworth, F. W. Co.	Houghton	5 and 10c merchandise	3	11	14
Sept. 5	Yellow Front Curio Store, The	Houghton	Curios, etc.	2	1	3
Oct. 31	Gillet's Jewelry Store	Hubbell	Jewelry	2		2

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>HOUGHTON Co.—Con.</b>						
Oct. 31	Hubbell Pharmacy	Hubbell	Drugs	1	2	3
Oct. 31	LeBlanc Bros	Hubbell	Food and groceries	3	1	4
Oct. 31	Reding, Nicholas	Hubbell	General merchandise	3	1	4
Oct. 31	Rhesum, Eugene	Hubbell	Groceries	1	1	2
Oct. 31	Toplon, M.	Hubbell	General merchandise	3	4	7
Sept. 11	Moon, John	Hurontown	Groceries	2	1	3
Nov. 10	Finnish Workmen's Cooperative Co., The	Kearsarge	General merchandise	4	3	7
Nov. 10	Petermann Store Co., Inc.	Kearsarge	General merchandise	17	6	23
Nov. 2	Carpenter, Fred	Lake Linden	Dry goods, etc.	2	6	8
Nov. 8	Fillion, William	Lake Linden	Groceries	1	2	3
Nov. 1	Fink's Store	Lake Linden	Groceries	1	1	2
Nov. 1	Grammas, George	Lake Linden	Ice cream, etc.	2	2	4
Nov. 2	Guibord, Thomas	Lake Linden	Groceries	2	1	3
Nov. 2	Hopf, Wm.	Lake Linden	Shoes	1	1	2
Nov. 9	Jacobson, S.	Lake Linden	Dry goods, etc.	1	2	3
Nov. 1	Laplante, M.	Lake Linden	Groceries	4	1	5
Nov. 2	Lake Linden Cooperative Society	Lake Linden	General merchandise	4	5	9
Nov. 9	Marotte, Ed. J.	Lake Linden	Jewelry	1	1	2
Nov. 7	Men's Store, The	Lake Linden	Men's furnishings	2	2	4
Nov. 2	Mogk, A. G.	Lake Linden	Drugs	3	1	4
Nov. 2	Nathenson, Henry	Lake Linden	Clothing	3	3	6
Nov. 2	Peiffer, John	Lake Linden	Groceries	3	3	6
Nov. 9	Penninger, H. E.	Lake Linden	Sporting goods	4	4	8
Nov. 8	Rule, T. H. & Bro.	Lake Linden	Groceries	4	4	8
Nov. 1	Sutton, E. F. Co., The	Lake Linden	General merchandise	11	14	25
Nov. 1	Wiesnauer, F. G.	Lake Linden	News depot	1	1	2
Oct. 30	Arnovite Bros	Laurium	Dry goods	2	2	4
Oct. 30	Barsanti & Co.	Laurium	Fruits and vegetables	3	1	4
Oct. 26	B. & H. Grocery Service	Laurium	Groceries	2	1	3
Oct. 26	Calumet Cash Store	Laurium	Groceries	2	1	3
Oct. 26	Finlayson, J. K.	Laurium	Groceries	3	2	5
Oct. 26	Jewel Tea Co.	Laurium	Teas and coffees	9	1	10
Oct. 30	Laurium Music Shop	Laurium	Musical instruments	2	1	3
Oct. 27	LeFave, Simon	Laurium	Fruits and vegetables	2	1	3
Oct. 27	Michelini & Bertasso	Laurium	Confectionery, etc.	2	1	3
Oct. 26	Nelson, Nels.	Laurium	Groceries	2	2	4
Oct. 26	Peoples Furniture Store	Laurium	Furniture	1	1	2
Oct. 25	Pira, Olaf	Laurium	Jewelry	3	3	6
Oct. 27	Ryckman Store Co.	Laurium	General merchandise	4	2	6
Oct. 25	Samida, Matt.	Laurium	Groceries	3	3	6
Oct. 30	Spero's Tog Shop	Laurium	Men's furnishings	1	1	2
Oct. 26	Superior Pharmacy	Laurium	Drugs	3	3	6
Oct. 25	Swykert, Joe	Laurium	Groceries	2	2	4
Oct. 25	Tinetti, Paul	Laurium	General merchandise	4	4	8
Oct. 27	Torreano, James	Laurium	Groceries, etc.	3	1	4
Oct. 29	Vivian, J., Jr. & Co.	Laurium	General merchandise	22	11	33
Oct. 30	Vivian, J. C.	Laurium	Drugs	3	1	4
Oct. 30	Wilson, Ambrose	Laurium	Books and stationery	1	1	2
Oct. 29	Vivian, J., Jr. & Co.	Oscola	General merchandise	5	5	10
<b>HURON COUNTY.</b>						
Nov. 17	Clark & McCaren	Bad Axe	Groceries	17	4	21
Nov. 17	Crosby, E. H. & Co.	Bad Axe	Groceries	5	2	7
Nov. 17	Dailey & Joslin	Bad Axe	General merchandise	1	2	3
Nov. 17	Dundas, Arthur	Bad Axe	Hardware	6	1	7
Nov. 17	Lane, I. D.	Bad Axe	Drugs	2	2	4

## DEPARTMENT OF LABOR.

*Inspection of stores.—Continued.*

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>HURON Co.—Con.</b>						
Nov. 17	Littleton & Graham	Bad Axe	General merchandise	2	3	5
Nov. 17	Nugents' Department Store	Bad Axe	Dry goods	4		4
Nov. 17	Randall, Walter	Bad Axe	Groceries	1	2	3
Nov. 17	Weinberg, Max J.	Bad Axe	Ladies' garments	2	1	3
Nov. 21	Wallace & Morley	Bay Port	General merchandise	9	2	11
Dec. 4	Smith, Edwin A.	Caseville	General merchandise	3	2	5
Nov. 20	Dew & Scholtzhauer	Elkton	General merchandise	2	1	3
Nov. 20	Kellerman, H.	Elkton	Shoes	2		2
Nov. 20	Oppenheim, Louis	Elkton	General merchandise	2	1	3
Nov. 20	Rice, S. B.	Elkton	General merchandise	3	2	5
Nov. 20	Schiele's Drug Store	Elkton	Drugs	2		2
Nov. 20	Sydnam, B. R.	Elkton	Hardware	2		2
Nov. 14	Leszczynski & Co.	Harbor Beach	General merchandise	7	3	10
Nov. 14	Mihlethaler Co., The	Harbor Beach	General merchandise	17	7	24
Nov. 26	Ahearn, James	Kinde	General merchandise	1	1	2
Nov. 26	Kinde, A. & Co.	Kinde	General merchandise	3	2	5
Nov. 26	Kinde Hardware Co., The	Kinde	Hardware	5		5
Nov. 21	Black's Money Saving Mail Order Co.	Pigeon	General merchandise	5	9	14
Nov. 21	Brown, W. J.	Pigeon	General merchandise	1	1	2
Nov. 20	Hirschberg, A. & Son	Pigeon	General merchandise	2	4	6
Nov. 21	Kahn, Mose	Pigeon	General merchandise	1	1	2
Nov. 21	Leipprandt Brothers	Pigeon	Hardware	3		3
Nov. 21	Muentener, George C.	Pigeon	Groceries	1	1	2
Nov. 21	Paul, E.	Pigeon	Hardware and implements	3		3
Nov. 27	Wallace Co., The	Port Austin	General merchandise	5	1	6
Nov. 15	DeWitt, Elmer	Port Hope	Produce	1	1	2
Nov. 15	Engle & Smith	Port Hope	Hardware and implements	2		2
Nov. 15	Port Hope Mercantile Co.	Port Hope	General merchandise	2	2	4
Nov. 15	Ramsey Co., The	Port Hope	General merchandise	1	1	2
Dec. 4	Danin & Weinberg	Owendale	General merchandise	2	1	3
Dec. 4	Koffman Brothers	Owendale	General merchandise	2	2	4
Dec. 4	Livingston, C. M.	Owendale	General merchandise	1	1	2
Dec. 4	Schnepf, Henry	Owendale	Hardware	2		2
Nov. 13	Ebaeh, L. J.	Ruth	Hardware	1		1
Nov. 13	Schroeder, J. F.	Ruth	General merchandise	2		2
Nov. 13	Tschirhart, J.	Ruth	General merchandise	1	1	2
Nov. 13	Wahla & Susalla	Ruth	General merchandise	2		2
Nov. 22	Liken, John C. & Co.	Sebewaing	General merchandise	11	4	15
Nov. 22	Myers & Riedel Co.	Sebewaing	General merchandise	5	2	7
Nov. 22	Rummel, John & Co., Inc.	Sebewaing	General merchandise	6	1	7
Nov. 24	Eilber, B. & S.	Sebewaing	General merchandise	3	1	4
Nov. 24	Plietz, George A.	Ubley	General merchandise	2	2	4
<b>INGHAM COUNTY.</b>						
Aug. 7	Adelberg & Berman	Lansing	Clothing	2	3	5
Sept. 13	Arbaugh, F. N. Co.	Lansing	General merchandise	32	70	102
July 19	Armistead, G. F.	Lansing	Groceries	2	1	3
July 21	Azar	Lansing	Groceries	2		2
Aug. 7	Beck, Louis	Lansing	Clothing	3		3
Oct. 11	Buck, M. J. & B. M. Co.	Lansing	Furniture	21	3	24
Aug. 13	Buehler, John	Lansing	Groceries	4	1	5
Aug. 7	Cable Piano Co.	Lansing	Pianos	5	2	7
Oct. 11	Campbell & Darling	Lansing	Drugs	3		3
Aug. 13	Candyland	Lansing	Confectionery	9	6	15
Aug. 13	Clevenger Stores, The	Lansing	Dry goods	3	11	14
Oct. 15	Dancer-Brogan Co.	Lansing	General merchandise	14	48	62
Aug. 8	Davis Brothers	Lansing	Shoes	5	1	6
Aug. 8	Desenberg's	Lansing	Clothing	3	2	5
Aug. 7	East Side Economy Store	Lansing	Dry goods, etc.	1	1	2

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>INGHAM Co.—Con.</b>						
Aug. 8	Edington Rug Co., The	Lansing	Rugs	2	1	3
July 23	Eldred, W. B.	Lansing	Groceries	2		2
Aug. 7	Elite Clothing Co.	Lansing	Clothing	2		2
Aug. 7	Emery, A. M.	Lansing	Books, etc.	4	3	7
Aug. 13	Ewing-Pennell Co., The	Lansing	House furnishings	5	1	6
July 20	Evens, L. M.	Lansing	Groceries	1	1	2
July 24	Fackler, J.	Lansing	Groceries	2	1	3
Aug. 8	Freeman Hardware Co.	Lansing	Hardware	6	1	7
Aug. 8	Frost & Walters	Lansing	Clothing	4		4
Aug. 8	Gately's	Lansing	Clothing	2	2	4
Sept. 13	Grand Leader, The	Lansing	Dry goods	4	13	17
Aug. 7	Grinnell Brothers	Lansing	Pianos, music, etc.	10	4	14
July 21	Holliday, J. C. & Son	Lansing	Groceries	3		3
Aug. 7	Hoover-Bond Co.	Lansing	House furnishings	10	1	11
Aug. 13	Jury-Rowe Co.	Lansing	House furnishings	18	3	21
Sept. 10	Kimball, W. W.	Lansing	Pianos, etc.	7		7
Aug. 14	Knapp, J. W.	Lansing	General merchandise	18	111	129
Aug. 18	Krege, S. S. Co.	Lansing	5 and 10 cent goods	4	19	23
Aug. 8	Lansing Bassar	Lansing	Notions	2	3	5
July 30	Larabee & Son	Lansing	Groceries, etc.	2		2
July 30	Liberal Credit Clothing Co.	Lansing	Clothing	2	2	4
Aug. 13	Loftus, F. M.	Lansing	Groceries	17	3	20
Oct. 11	Mathews, John	Lansing	Groceries	2	2	4
Aug. 10	Mills Dry Goods Co.	Lansing	Dry goods, etc.	11	49	60
Aug. 8	Norton Hardware Co.	Lansing	Hardware	7	2	9
Aug. 13	O'Connell Brothers	Lansing	Dry goods	2	2	4
Aug. 14	Puritan Candy Store	Lansing	Confectionery, etc.	4	5	9
Sept. 11	Rann, E. L.	Lansing	Dry goods, etc.	1	2	3
July 24	Rogers, A. P.	Lansing	Groceries	2		2
Aug. 6	Rork & Price	Lansing	General merchandise	3	2	5
Aug. 8	Schafer, J. P.	Lansing	Groceries	3	1	4
Aug. 8	Schetzer, A. & Co.	Lansing	Clothing	4		4
Sept. 11	Seaman Co., The	Lansing	Ladies' clothing	1	4	5
Aug. 8	Simons Dry Goods Co.	Lansing	Dry goods	3	8	11
Oct. 11	South Side Jewelry Co., The	Lansing	Jewelry	1		1
Sept. 17	Sprowl Brothers	Lansing	Ladies' clothing	6	21	27
Aug. 8	Stahl, J. & Son	Lansing	Hardware	6	2	8
Aug. 8	Stewart, A. E.	Lansing	Groceries	3	1	4
Aug. 13	Sugar Bowl, The	Lansing	Confectionery	6	7	13
Oct. 11	Swanton Drug Co.	Lansing	Drugs	4		4
Oct. 11	Treadwell, F. T.	Lansing	Shoes	2		2
Aug. 8	Trivers Clothes Shop	Lansing	Clothing	3		3
July 23	Tymak, M. A.	Lansing	Groceries	1	2	3
Aug. 8	Walk Over Boot Shop	Lansing	Shoes	5	1	6
Aug. 7	Woodworth Shoe Store	Lansing	Shoes	8	1	9
Aug. 7	Woolworth, F. W. Co.	Lansing	5 and 10 cent goods	5	28	33
July 16	DuBois Store, The	Leslie	General merchandise	5	1	6
July 6	Mitchell, G. S.	Leslie	General merchandise	3	1	4
July 6	Murphy, J. J.	Leslie	General merchandise	3	1	4
July 5	Cortright, J. A.	Mason	Dry goods	1	1	2
July 5	Miles, J. B.	Mason	Notions	1	1	2
July 6	Parkhurst, C. A.	Mason	Dry goods	1	1	2
July 26	Barrett, W. S.	Williamston	General merchandise	2	2	4
July 26	King, C. W.	Williamston	General merchandise	1	2	3
July 25	Van Buren, F. P. & Co.	Williamston	General merchandise	4	2	6

## DEPARTMENT OF LABOR.

*Inspection of stores.—Continued.*

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>IONIA COUNTY.</b>						
Aug. 13	Batchelor & Brown	Belding	Groceries	1		1
Aug. 13	Bricker, W. F.	Belding	Dry goods, etc.	1	2	3
Aug. 16	Chapman & Strunk	Belding	Groceries	2	1	3
Aug. 15	Connell, Harry J.	Belding	Drugs	3		3
Aug. 15	Crammer, R. G.	Belding	Groceries	2	1	3
Aug. 13	De Vlieger, J. & Son	Belding	Groceries	5		5
Aug. 13	Foster, Charles S.	Belding	Furniture	2		2
Aug. 13	Friedman, A.	Belding	Clothing	2		2
Aug. 13	Fristoe & Divine	Belding	Clothing	3	1	4
Aug. 10	Hudson, E. E.	Belding	Groceries	2		2
Aug. 15	Hudson, Frank H.	Belding	Groceries	2		2
Aug. 15	Jensen & Wheeler	Belding	Dry goods	2	3	5
Aug. 15	King, Jud W.	Belding	Groceries	1	1	2
Aug. 13	Kingsbury, G. W.	Belding	Groceries	2		2
Aug. 16	Lamb, H. A.	Belding	Groceries	3	1	4
Aug. 13	Lincoln, F. D.	Belding	General merchandise	1	6	7
Aug. 13	Lloyd, E. C.	Belding	Dry goods	2	5	7
Aug. 10	Miller & Harris Furniture Co.	Belding	Furniture	2		2
Aug. 13	Morse, Orlo	Belding	Shoes	1		1
Aug. 13	Patterson's	Belding	General merchandise	1	1	2
Aug. 13	Runnler, A. J.	Belding	Gents' furnishings	1		1
Aug. 15	Skellenger, D. D.	Belding	Groceries	1	1	2
Aug. 13	Smith & Whitney	Belding	Shoes	3		3
Aug. 13	Stanton, Smith	Belding	Confectionery	2		2
Aug. 13	Thomas, George W.	Belding	Jewelry	1		1
Aug. 13	Underwood Brothers	Belding	Groceries	4		4
Aug. 13	Vie, T. A.	Belding	Second hand goods	1		1
Aug. 15	Waldo, R. H.	Belding	Jewelry	1	1	2
Aug. 15	Willoughby, M. L.	Belding	Jewelry	2		2
Aug. 15	Wortley & French	Belding	Drugs	3		3
Aug. 31	Birchard, F. N.	Clarksville	Implements	2		2
Aug. 31	Harvey, Marvin A.	Clarksville	Drugs	1	1	2
Aug. 31	La Monte, M. T. & Co.	Clarksville	Clothing and shoes	3		3
Aug. 31	Lenhard, M. P.	Clarksville	Dry goods and groceries	1	2	3
Aug. 31	Marvin, George E. & Son	Clarksville	Hardware, furniture, etc.	3		3
Aug. 31	Pierce, J. S.	Clarksville	General merchandise	1	2	3
Aug. 31	Preston, Perry L.	Clarksville	Harness, robes and shoes	1		1
Aug. 31	Renkes, A. C.	Clarksville	General merchandise	1	2	3
Aug. 31	Hayes, A. C.	Elmdale	General merchandise	1	1	2
Aug. 21	Burns, J. W.	Hubbardston	Hardware	2		2
Aug. 21	Cowman, J. W.	Hubbardston	General merchandise	1	1	2
Aug. 21	Cowman, J. W.	Hubbardston	Clothing and shoes	2		2
Aug. 21	Fahey, P. H.	Hubbardston	General merchandise	3		3
Aug. 21	Grill, I. C.	Hubbardston	Hardware and implements	3		3
Aug. 21	Kennedy, M.	Hubbardston	Dry goods		2	2
Aug. 21	Sammon, James	Hubbardston	Ice cream	1		1
Aug. 21	Townsend, W. H.	Hubbardston	Groceries	1	2	3
Aug. 2	Allen Brothers' Department Store	Hubbardston	General merchandise	5	5	10
Aug. 9	Balice, D. & Co.	Ionias	Groceries	2	1	3
Aug. 9	Bandfield, T. J.	Ionias	Furniture	1		1
Aug. 9	Beattie, J. C.	Ionias	Shoes	2		2
Aug. 7	Bergy, H. E.	Ionias	Notions	2	1	3
Aug. 9	Brander, C. W.	Ionias	Jewelry	1	1	2
Aug. 9	Brock, L. P.	Ionias	Shoes	1		1
Aug. 8	Buck, Thomas R.	Ionias	Clothing	3		3
Aug. 3	Carten, Thomas A.	Ionias	Dry goods, etc.	10	29	39
Aug. 7	Clark, L. S.	Ionias	Jewelry	2		2
Aug. 9	Curtis, George E. & Sons	Ionias	Groceries	4		4
Aug. 9	Cutler-Lauster Drug Co.	Ionias	Drugs	2		2
Aug. 9	Decker Brothers	Ionias	Groceries	5		5

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	IONIA Co.—Con.					
Aug. 8	Douglass Shoe Co., The.	Ionias	Shoes.	3		3
Aug. 3	Fashion Cloak Co.	Ionias	Ladies' garments.	1	4	5
Aug. 7	French, G. W. & Son.	Ionias	Jewelry.	3	1	4
Aug. 8	Hackett, George.	Ionias	Implements.	2		2
Aug. 7	Harris Furniture Co.	Ionias	Furniture.	2		2
Aug. 9	Hemens, S.	Ionias	Drugs, etc.	2	1	3
Aug. 9	Hutchins Brothers.	Ionias	Groceries.	2		2
Aug. 7	Jack, C. B.	Ionias	Second hand goods.	3		3
Aug. 9	Jeffries & Lauster.	Ionias	Drugs.	1		1
Aug. 7	Johnson, Peter L.	Ionias	Soft drinks.	4		4
Aug. 9	Krainbrink & Fuller.	Ionias	Jewelry.	4		4
Aug. 7	Lampkin, Bert & Son.	Ionias	Clothing.	2		2
Aug. 9	Lauster, Charles.	Ionias	Groceries.	2	1	3
Aug. 9	McGannon, Thomas.	Ionias	Shoes.	2		2
Aug. 8	McVeigh, D. O. & Son.	Ionias	General merchandise.	3		3
Aug. 8	Morgenthaler, L. H.	Ionias	Drugs.	3		3
Aug. 9	Phelps, G. F. & Son.	Ionias	Groceries.	3		3
Aug. 3	Quality Store.	Ionias	Ladies' clothing.	3	8	11
Aug. 9	Rich, H. A.	Ionias	Groceries.	2		2
Aug. 9	Robb & Reed.	Ionias	Groceries.	7	1	8
Aug. 8	Silver's Department Store.	Ionias	Clothing.	3	3	6
Aug. 9	Smith, Smith & McSween.	Ionias	Drugs, etc.	3	1	4
Aug. 8	Snyder & Laux.	Ionias	Tobacco, etc.	4		4
Aug. 7	Spaulding & Powell.	Ionias	Implements.	2		2
Aug. 2	Stevenson, F. W. Co., The.	Ionias	Dry goods.	3	6	9
Aug. 9	Van Allen & McGowan.	Ionias	Drugs.	2		2
Aug. 7	Wagner, J. F.	Ionias	Clothing.	3	1	4
Aug. 8	Whitney, Fred J.	Ionias	Notions.	1	2	3
Aug. 8	Winchell & Giddings.	Ionias	Clothing.	2		2
Aug. 7	Winchell & Stone.	Ionias	Furniture.	2		2
Aug. 8	Wolf, J. M. & Co.	Ionias	Clothing.	4		4
Aug. 6	Young, Fred & Co.	Ionias	Hardware, etc.	5		5
Aug. 30	Campbell & Gilson.	Lake Odessa.	Clothing and shoes.	2		2
Aug. 30	Carpenter, Claude Implement Co.	Lake Odessa.	Implements.	3		3
Aug. 28	De Rose Brothers.	Lake Odessa.	Confectionery and cigars.	1		1
Aug. 30	Everett, M. E.	Lake Odessa.	Jewelry and china.	1	1	2
Aug. 30	Forster, Theo.	Lake Odessa.	Jewelry.	1		1
Aug. 30	Griffin, J. H.	Lake Odessa.	Groceries and china.	2		2
Aug. 29	Goodsell Hardware Co.	Lake Odessa.	Hardware.	2		2
Aug. 30	Klap, Mrs. John.	Lake Odessa.	Ice cream, etc.		2	2
Aug. 29	Lapo, Charles A.	Lake Odessa.	Implements.	3		3
Aug. 29	McCartney, William H.	Lake Odessa.	General merchandise.	2	4	6
Aug. 30	Miner, Otis.	Lake Odessa.	General merchandise.	2	2	4
Aug. 29	Naber, William.	Lake Odessa.	Groceries.	2		2
Aug. 30	Nye, Alton L.	Lake Odessa.	Drugs.	2		2
Aug. 29	Peacock, J. E.	Lake Odessa.	Groceries.	1	2	3
Aug. 29	Russell Second Hand Store.	Lake Odessa.	Second hand goods.	2		2
Aug. 28	Scheidt, James S.	Lake Odessa.	Hardware.	2		2
Aug. 28	Shellhorn, Ed.	Lake Odessa.	Clothing and shoes.	2	1	3
Aug. 29	Smelker, F. W.	Lake Odessa.	Drugs.	2	1	3
Aug. 29	Strong, Volney.	Lake Odessa.	Groceries.	1	1	2
Aug. 30	Tew, E. C. & Sons.	Lake Odessa.	General merchandise.	6	2	8
Aug. 29	Urtel, Fred A.	Lake Odessa.	Groceries.	3		3
Aug. 30	VanHouten, H.	Lake Odessa.	Coffee and tea.	1	1	2
Aug. 30	Vetter Hardware Co.	Lake Odessa.	Hardware and furniture.	2		2
Aug. 28	Weed, G. A.	Lake Odessa.	Furniture.	2		2
Aug. 20	Bradt, A. E.	Lyons.	Furniture.	1	1	2
Aug. 17	Grove, Frank H.	Lyons.	General merchandise.	2		2
Aug. 17	Hackett, P. E.	Lyons.	Drugs.	1	1	2
Aug. 17	Hatch & Baker.	Lyons.	Hardware.	2		2

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
IONIA Co.—Con.						
Aug. 17	Kelley, H. D.	Lyons	General merchandise	2	1	3
Aug. 20	Shoemaker, J. H.	Lyons	General merchandise	1	1	2
Aug. 18	Branyan, R. W.	Muir	Hardware	1	1	2
Aug. 17	Burtraw, Frank A.	Muir	General merchandise	2	2	4
Aug. 18	Douglas, Dayton	Muir	Harness and buggies	3		3
Aug. 17	Greenwood, L. M.	Muir	Clothing	2		2
Aug. 18	Hettler, Joseph J.	Muir	Hardware	2		2
Aug. 17	Ludwick, J. B.	Muir	General merchandise	1	2	3
Aug. 18	Randell, M. F.	Muir	Notions	2	2	4
Aug. 18	Shaw, G. N. & Son	Muir	Furniture	1	1	2
Aug. 17	Strachan, John D.	Muir	General merchandise	3		3
Aug. 18	Sykes, William	Muir	Implements	2		2
Aug. 27	Hill, F. J.	Orleans	General merchandise	1	1	2
Aug. 27	Patterson, R. A.	Orleans	General merchandise	1	1	2
Aug. 27	Rasmussen, A.	Orleans	General merchandise	1	1	2
Aug. 27	Sherwood, A. L. Co.	Orleans	Hardware and groceries	1	1	2
Aug. 27	Spaulding, Jerry	Orleans	Implements, etc.	2		2
Aug. 21	Cotter, James T.	Pewamo	General merchandise	2	1	3
Aug. 21	Crabb, S. R.	Pewamo	Drugs	1	1	2
Aug. 21	Doering, Charles W.	Pewamo	Shoes	1		1
Aug. 21	Fisher, Rollin N.	Pewamo	Jewelry	1	1	2
Aug. 21	Long, Benjamin W.	Pewamo	General merchandise	1	2	3
Aug. 2	Thuma, S. S.	Pewamo	Groceries	1	2	3
Aug. 21	Vance, Oscar M.	Pewamo	General merchandise	2	1	3
Aug. 22	Bandfield, T. J. & Son	Portland	Furniture	2		2
Aug. 6	Barton Brothers	Portland	Implements	3		3
Aug. 23	Beebe, B. J. & Son	Portland	Groceries	3		3
Aug. 24	Blanchard Bros.	Portland	House furnishings	2		2
Aug. 23	Bywater, Carl D.	Portland	Drugs	2		2
Aug. 23	Churchill & Woodbury	Portland	General merchandise	2	1	3
Aug. 22	Crane Drug Co., The	Portland	Drugs and books	2		2
Aug. 23	Each, Mrs. N. G.	Portland	Art goods		2	2
Aug. 23	Higbee, R. E.	Portland	Notions	1	1	2
Aug. 22	Hixson, Leon E.	Portland	Jewelry	1	1	2
Aug. 23	Lehman, L. C. & Co.	Portland	Clothing and shoes	2		2
Aug. 22	McClelland, John A. & Son	Portland	General merchandise	4	3	7
Aug. 23	Packard, D. A.	Portland	Implements	2		2
Aug. 23	Portland Hardware Co.	Portland	Hardware	4		4
Aug. 22	Richards, Elon A.	Portland	Drugs and groceries	6		6
Aug. 23	Robinson, O. E.	Portland	Groceries and shoes	3	1	4
Aug. 22	Stocum, W. B.	Portland	Hardware	2	1	3
Aug. 23	Stone, Will C.	Portland	General merchandise	1	2	3
Aug. 23	Sulpizio, Alfonso	Portland	Ice cream and confectionery	1	4	5
Aug. 22	Tomy & Dawdy	Portland	Clothing and shoes	3		3
Sept. 18	Benson, M. A.	Saranac	Hardware	2		2
Sept. 8	Clark, A. B.	Saranac	Groceries	1	1	2
Sept. 18	Densmore, W. E.	Saranac	Furniture	2		2
Sept. 8	Harris, H. S.	Saranac	Groceries	3		3
Sept. 8	Huntley, A. W.	Saranac	Drugs	2		2
Sept. 8	Mercer, T. G. & Co.	Saranac	General merchandise	1	1	2
Sept. 8	Mick, Charles	Saranac	Groceries and shoes	1	1	2
Sept. 8	Otis & Otis	Saranac	Groceries	2		2
Sept. 8	Watt, S. A.	Saranac	General merchandise	2	1	3
Sept. 8	Wilkinson & Ogilvie	Saranac	Hardware	2		2
Aug. 14	Cook, J. A.	Smyrna	General merchandise	1	1	2
Aug. 14	Kimberly, L. J.	Cooks Corners	Groceries	1	1	2



## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
Iosco County.						
Aug. 8	Phelps, John G.	Alabaster.	Groceries.	1	1	2
Aug. 6	Butler, H. N. & Co.	East Tawas.	Dry goods.	1	2	3
Aug. 7	Dillon, James E.	East Tawas.	Drugs.	2	1	3
Aug. 7	King, E. L.	East Tawas.	Furniture.	3	1	4
Aug. 7	Sempler, Joseph.	East Tawas.	Dry goods.	1	1	2
Aug. 9	Brown, R. D.	Hale.	Hardware.	1		1
Aug. 9	Dubey, G. A.	Hale.	Groceries.	2		2
Aug. 9	Kocher, J. H.	Hale.	Groceries.	1		1
Aug. 9	Little, J.	Hale.	Furniture.	1		1
Aug. 6	Nunn, H. E.	Hale.	Hardware.	1		1
Aug. 9	Pearlman, J.	Hale.	General merchandise.	1		1
Aug. 9	Yawger, S. B.	Hale.	General merchandise.	1		1
Aug. 7	Damerow, Mrs. J. H.	Oscoda.	Groceries.	1	1	2
Aug. 7	Mores, Marks.	Oscoda.	General merchandise.	3	1	4
Aug. 7	Rix, V. E.	Oscoda.	Groceries.	4		4
Aug. 6	Johnson, L. J.	Tawas City.	Jewelry.	1		1
Aug. 6	Taylor, F. F. & Co.	Tawas City.	Dry goods.	2	1	3
Aug. 6	Blumenau, A.	Whittemore.	General merchandise.	3		3
IRON COUNTY.						
Dec. 20	Bridges, Sam.	Crystal Falls.	Drugs.	2		2
Dec. 27	Cash Grocery Store, The.	Crystal Falls.	Groceries.	1	1	2
Dec. 27	Finnish & Swedish Mercantile Assn.	Crystal Falls.	Groceries.	5	3	8
Dec. 20	Flood, A. L.	Crystal Falls.	Confectionery and fruits.	1	1	2
Dec. 20	Grohlmon, Joseph.	Crystal Falls.	Groceries.	1	1	2
Dec. 20	Jacob Brothers.	Crystal Falls.	Jewelry.	3		3
Dec. 20	Kaplan & Putman.	Crystal Falls.	Gents' furnishings.	2		2
Dec. 20	Levine, H.	Crystal Falls.	General merchandise.	1	1	2
Dec. 20	Mendelson, A.	Crystal Falls.	Dry goods.	2	3	5
Dec. 20	Miller, Ely.	Crystal Falls.	Dry goods.	2	2	4
Dec. 20	Peoples Store, The.	Crystal Falls.	Dry goods.	2	1	3
Dec. 21	Rezin's Drug Store.	Crystal Falls.	Drugs.	3		3
Dec. 2	Rinne, August.	Crystal Falls.	Jewelry.	1	1	2
Dec. 20	Ross, D. M. & Co.	Crystal Falls.	Groceries.	3		3
Dec. 20	Rossi, Joseph E.	Crystal Falls.	Confectionery.	1	1	2
Dec. 20	Ruwitich, Herman.	Crystal Falls.	Dry goods.	1	4	5
Dec. 19	Sackin, Abe Co.	Crystal Falls.	General merchandise.	3	3	6
Dec. 20	Savings Bank Store, The.	Crystal Falls.	Furniture and hardware.	2	1	3
Dec. 20	Warsawsky, S.	Crystal Falls.	Gents' furnishings.	2	2	4
Dec. 31	Ammermann, E.	Iron River.	Drugs.	2		2
Dec. 29	Bloch's Savings Store.	Iron River.	Dry goods, etc.	1	1	2
Dec. 31	Central Drug Co.	Iron River.	Drugs.	2		2
Dec. 31	Cossetto & Co.	Iron River.	Dry goods.	1		1
Jan. 2	Counihan, Morris.	Iron River.	Jewelry.	2	2	4
Dec. 31	Daylight Store, The.	Iron River.	Confectionery and notions.	1	2	3
Dec. 31	Drey, J. J. Co.	Iron River.	Dry goods.	1	3	4
Dec. 29	Harris, Joseph.	Iron River.	Gents' furnishings.	2		2
Dec. 31	Hayes, J. P. & Co.	Iron River.	Dry goods and notions.	2	2	4
Dec. 31	Huff, R. H.	Iron River.	General merchandise.	2	2	4
Jan. 3	Iron River Mercantile Co.	Iron River.	General merchandise.	11	5	16
Dec. 31	Iron River Pharmacy.	Iron River.	Drugs.	2		2
Jan. 2	Joseph, Joe & Co.	Iron River.	Gents' furnishings.	2	1	3
Dec. 29	Kelly, P.	Iron River.	General merchandise.	1		1
Dec. 29	Krom's Department Store.	Iron River.	General merchandise.	11	11	22
Dec. 29	Levine, Charles.	Iron River.	Dry goods.	1	1	2
Dec. 31	Ochiltree, M.	Iron River.	Jewelry.	1	1	2
Dec. 29	Plous, M. & Co.	Iron River.	Clothing and hardware.	3		3
Dec. 29	Ruus & Lindquist.	Iron River.	Groceries.	4		4
Dec. 29	Tegge, A. H.	Iron River.	Jewelry.	1	1	2
Dec. 31	Warsawsky, D.	Iron River.	Gents' furnishings.	2		2
Jan. 3	Stambaugh Cheap Cash Store.	Stambaugh.	Dry goods.	3	1	4
Jan. 3	Vilas, F. C.	Stambaugh.	Drugs.	1	1	2

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>ISABELLA COUNTY.</b>						
April 14	Childs' Store	Blanchard	General merchandise	3	1	4
April 14	Mason, N. C.	Blanchard	Hardware and shoes	5		5
April 14	Wiley, Claude	Blanchard	Drugs	2		2
April 18	Breidenstein & Kane	Mt. Pleasant	Hardware and furniture	3		3
April 27	Campbell's Store	Mt. Pleasant	General merchandise	2	1	3
April 20	Carroll, Pat.	Mt. Pleasant	Implements	2		2
April 18	Dittman, H. & Son	Mt. Pleasant	Shoes	4		4
April 27	Doughty, W.	Mt. Pleasant	Dry goods	3	6	9
April 20	Foster Furniture & Hardware Co.	Mt. Pleasant	Furniture and hardware	3	1	4
April 21	Gray & Lathrop's Drug Store	Mt. Pleasant	Drugs	3		3
April 27	Hagan, Charles E. Co.	Mt. Pleasant	General merchandise	3	5	8
April 20	Johnson Brothers	Mt. Pleasant	Gents' furnishings	4		4
April 20	Kane & Kane	Mt. Pleasant	Clothing and shoes	4		4
May 1	Keenan, Frank	Mt. Pleasant	Groceries	4		4
April 27	Kennedy Brothers	Mt. Pleasant	Feed	4		4
April 27	Kenny, J. A. & Son	Mt. Pleasant	General merchandise	5	1	6
April 20	Lewis, W. E.	Mt. Pleasant	Clothing	5		5
April 18	Marah, C. F.	Mt. Pleasant	Groceries	2	1	3
April 27	Marah & Graham	Mt. Pleasant	Dry goods	2	4	6
April 21	Minto-Woodruff Co.	Mt. Pleasant	Clothing and shoes	4	1	5
April 27	Nickels-Merts & Co.	Mt. Pleasant	5 and 10 cent goods	1	6	7
April 18	Normal Drug & Book Store	Mt. Pleasant	Drugs and books	2	1	3
April 18	Palmer, E. E.	Mt. Pleasant	Drugs	3		3
April 21	Ratliff, W. E.	Mt. Pleasant	Groceries	3		3
April 20	Russell & Foland	Mt. Pleasant	Jewelry	3		3
April 20	Sweeney & Co.	Mt. Pleasant	Groceries	4		4
April 21	Taylor, P. Corey	Mt. Pleasant	Drugs, etc.	3	1	4
April 26	Waterman, George E.	Mt. Pleasant	General merchandise	3	5	8
April 27	Welsh, Martin	Mt. Pleasant	Groceries	2		2
April 21	Whitehead, F. B.	Mt. Pleasant	Hardware	2		2
April 28	Hess, W. A.	Rosebush	General merchandise	2	1	3
April 28	Johnston, Arthur E.	Rosebush	General merchandise	1	1	2
May 3	Coney's Cash Bargain Store	Shepherd	Dry goods, shoes, etc.	1	1	2
May 2	Cook Brothers	Shepherd	Drugs	3	1	4
May 2	Haskin, Nelson	Shepherd	Dry goods	2	1	3
May 2	Taylor, F. M.	Shepherd	General merchandise	2	1	3
May 2	Thompson, Sid D.	Shepherd	Drugs	2		2
May 2	Upton, J. L.	Shepherd	Hardware	2		2
May 3	Wetsel, H. M.	Shepherd	Hardware	2		2
May 2	Wilson, E. C.	Shepherd	Groceries	3		3
April 16	Drallette, G. A. & Son	Weidman	General merchandise	5	1	6
April 16	Mills & Scott Brothers	Weidman	General merchandise	3	1	4
April 16	Woolworth, Charles H.	Weidman	Implements	7	1	8
<b>JACKSON COUNTY.</b>						
July 30	Ballard, C. W.	Jackson	Shoes	3	1	4
Aug. 22	Berzey, T.	Jackson	Dry goods	2	2	4
Aug. 3	Brown, Lots & Watt	Jackson	Dry goods	1	15	16
Aug. 3	Cook & Felder Co.	Jackson	General merchandise	17	43	60
Aug. 13	Crandall Electric & Supply Co.	Jackson	Electrical supplies	13	2	15
Aug. 3	Dexter, A. B.	Jackson	Groceries	3		3
Aug. 11	Field, L. H. Co., The	Jackson	Dry goods	34	108	142
Aug. 8	Finch Hardware Co.	Jackson	Hardware	12		12
Aug. 13	Fletcher-Alderman Co.	Jackson	General merchandise	4	13	17
Aug. 9	Gallup & Lewis	Jackson	Furniture	25	5	30
Aug. 3	Gilman Department Store	Jackson	General merchandise	1	2	3
Aug. 3	Glasgow Brothers	Jackson	General merchandise	18	72	90
Aug. 2	Grand Leader Department Store, The	Jackson	General merchandise	2	12	14
Aug. 20	Graver, A.	Jackson	Books, paper, etc.	19	2	21
Aug. 11	Herrington, Eva B.	Jackson	Novelties, etc.		3	3

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>JACKSON CO.—Con.</b>						
Aug. 3	Hoffman Brothers	Jackson	Drugs	5		5
Aug. 3	Houghton, Walter R.	Jackson	Groceries	2		2
Aug. 4	Hyndman & Way	Jackson	Drugs			2
Aug. 3	Jacobsen's	Jackson	Clothing	3	11	14
July 30	Kreage, S. S. Co.	Jackson	5 and 10 cent goods	4	32	36
July 31	Kurts, Frederick W.	Jackson	Drugs	3		3
Aug. 3	Lehr Hardware, The	Jackson	Hardware	8	1	9
Aug. 8	Lourim, J. H. & Co.	Jackson	Dry goods	3	22	25
Aug. 7	Lyon, Kortenhoff & Co.	Jackson	Confectionery	6	3	9
Aug. 8	McGraw & Crane	Jackson	Hardware	3		3
Aug. 6	McQuillan & Harrison	Jackson	Gent's furnishings	7	1	8
Aug. 3	Marvin, Butnett & Mitchell	Jackson	Shoes and clothing	8	2	10
Aug. 4	Neesley Grocery Co.	Jackson	Groceries	6		6
July 30	Oppenheim, L. E. & Co.	Jackson	Clothing	10	5	15
Aug. 8	Palmer Company, The, Inc.	Jackson	Shoes and hosiery	5	1	6
Aug. 10	Reid & Carlton	Jackson	Implements	2		2
Aug. 10	Risheill, W. A.	Jackson	Groceries	4		4
Aug. 8	Smith-Winchester Co.	Jackson	Hardware	37	5	42
July 30	Style Shop, The	Jackson	Ladies' garments	2	8	10
Aug. 3	Tannebaum, R. Co.	Jackson	Furniture and clothing	1	4	5
July 31	Walk-Over Boot Shop	Jackson	Shoes and hosiery	5	1	6
Aug. 2	Webb, E. T.	Jackson	Drugs and jewelry	4	1	5
July 31	Woolworth, F. W. Co.	Jackson	5 and 10 cent goods	6	30	36
July 30	Yocum & Taylor	Jackson	Leather goods	1		1
Aug. 6	Jackson Candy Kitchen	Jackson	Confectionery	2	1	3
Aug. 31	Nichols, E. J.	Springport	Dry goods		2	2
<b>KALAMAZOO COUNTY.</b>						
Dec. 5	Bradish, C. M. & Son	Augusta	General merchandise	2		2
Dec. 5	Hill, Manfred Estate	Augusta	Groceries	4	1	5
Dec. 4	Moreau-Aldrich Co., Inc.	Augusta	General merchandise	5	2	7
Dec. 5	Montague Grocery Co.	Comstock	Groceries	5		5
Dec. 6	Barkley, Ira	Climax	General merchandise	3		3
Dec. 4	Aldrich, H. C. & Sons	Galesburg	Hardware and implements	3		3
Dec. 5	Douglass, M. A.	Galesburg	General merchandise	1	2	3
Dec. 4	Elsay, W. A.	Galesburg	Hardware and tinning	3		3
Dec. 5	Gould, F. P.	Galesburg	Groceries and meats	3		3
Dec. 4	Schroder, John	Galesburg	General merchandise	3		3
Oct. 25	Beecher, Kymmer & Patterson	Kalamasoo	Books, etc.	5	1	6
Oct. 25	Brownell's Glove Store	Kalamasoo	Gloves, etc.		1	1
Nov. 16	Cable Nelson Piano Co.	Kalamasoo	Music, etc.	1	1	2
Nov. 16	De Bolt, B. A. & M. A.	Kalamasoo	Confectionery	2	8	10
Nov. 17	Economy Wall Paper Co.	Kalamasoo	Wall paper, paints, etc.	2	1	3
Oct. 25	Gilmore Brothers	Kalamasoo	General merchandise	48	133	181
Nov. 17	Grant, W. T. Co.	Kalamasoo	General merchandise	3	22	25
Nov. 16	Grinnell Brothers	Kalamasoo	Music, etc.	2	4	6
Nov. 17	Home Furnishing Co.	Kalamasoo	Furniture	16	1	17
Oct. 26	Jones, J. R. Sons & Co.	Kalamasoo	Dry goods, etc.	18	56	74
Oct. 25	Kline, Mrs. L. A.	Kalamasoo	China, etc.	1	2	3
Nov. 16	Kreage, S. S. Co.	Kalamasoo	5 and 10 cent goods	3	23	26
Nov. 26	La Mode Cloak House	Kalamasoo	Ladies' garments	3	10	13
Nov. 17	Liberal Clothing Store	Kalamasoo	Clothing, etc.	1	2	3
Nov. 17	Livingston's	Kalamasoo	Clothing	1	2	3
Nov. 15	MacDonald, A. B.	Kalamasoo	Dry goods, etc.	1	10	11
Oct. 25	McDonald, George Drug Co.	Kalamasoo	Drugs	3	2	5
Nov. 16	Michael, J. L. Co.	Kalamasoo	Cloaks, etc.	3	9	12
Nov. 17	Peoples Outfitting Co.	Kalamasoo	Furniture	7	2	9
Oct. 25	Pitz, Henry C.	Kalamasoo	Jewelry		1	1

## Inspection of stores.—Continued.

Date of inspections	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>KALAMAZOO CO.—CON.</b>						
Nov. 17	Porter, E. A. Co.	Kalamazoo	Ladies' garments	3	12	15
Oct. 25	Prange, H. T.	Kalamazoo	Optical goods	7	2	9
Oct. 25	Prentice, Horace & Son	Kalamazoo	Furniture	7	1	8
Nov. 15	Russell & Barendryht	Kalamazoo	Furniture	2	12	14
Oct. 25	Russell, E. B.	Kalamazoo	Groceries	1	5	6
Oct. 26	Speyer, Alfred	Kalamazoo	Ladies' garments	1	8	9
Nov. 16	Streng & Zinn	Kalamazoo	Dry goods	2	28	30
Nov. 17	Union, The	Kalamazoo	Clothing, etc.	2	3	5
Nov. 16	Vanderburg, W. H.	Kalamazoo	Groceries	1	1	2
Oct. 17	VanDyken, J.	Kalamazoo	Clothing	1	1	2
Nov. 15	Velleman's	Kalamazoo	Dry goods	3	13	16
Nov. 16	Woolworth, F. W. Co.	Kalamazoo	5 and 10 cent goods	6	22	28
Nov. 5	Worden Grocery Co.	Kalamazoo	Groceries	26	2	28
Dec. 6	Knepp, R. S.	Schoolcraft	Groceries	4		4
Dec. 5	Follmer, J. F.	Vicksburg	Hardware and implements	4		4
Dec. 5	Franklin & Rayner	Vicksburg	Dry goods and shoes	3	2	5
Dec. 5	Rochdale Cooperative Co.	Vicksburg	General merchandise	5	3	8
Dec. 5	Rochester Clothing Co.	Vicksburg	Gent's furnishings	3		3
Dec. 5	Strong Brothers	Vicksburg	Groceries	4	1	5
Dec. 5	VanTassel, I. C.	Vicksburg	Groceries	3	1	4
<b>KALKASKA COUNTY.</b>						
April 21	Cole Brothers	Kalkaska	Produce	5		5
April 23	Glaser, Louis	Kalkaska	Dry goods	1	1	2
April 26	Harroun, Charles	Kalkaska	Dry goods	1	1	2
April 26	Joy, Netsorg & Co.	Kalkaska	Clothing and shoes	4		4
<b>KENT COUNTY.</b>						
Sept. 18	Anthony, Rex F.	Ada	Groceries	1	1	2
Sept. 18	Furner, William	Ada	Groceries	2	1	3
Sept. 18	Hollway, Mrs. E. D.	Ada	Dry goods, etc.		2	2
Sept. 18	McMurray, W. R.	Ada	Hardware, etc.	2		2
Sept. 18	Ward, H. Z.	Ada	General merchandise	2		2
Sept. 24	Brown, Charles E.	Alto	Drugs	2	1	3
Sept. 24	Daily, H.	Alto	Groceries	2	1	3
Sept. 24	Dintaman Brothers	Alto	Farm implements	3		3
Sept. 24	Foote, Charles R. & Co.	Alto	Hardware	1	1	2
Sept. 24	Watts Department Store	Alto	General merchandise	2	2	4
Sept. 24	Winslow, S. J.	Alto	Farm implements	2		2
Sept. 24	Yerter & Co.	Alto	Furniture	1	1	2
Oct. 5	Jones, Ben.	Belmont	General merchandise	3	2	5
Sept. 26	Vanderwall, G. J.	Beverly	General merchandise	3		3
Dec. 5	Towner, C. B. Co., Ltd.	Byron Center	General merchandise	3	2	5
Dec. 5	Vandersaag, E.	Byron Center	General merchandise	2	2	4
Oct. 25	Day, Will D.	Caledonia	Drugs	2		2
Oct. 25	Kelly, R. E.	Caledonia	Groceries, etc.	1	1	2
Oct. 25	Kinsey, Charles H.	Caledonia	General merchandise	2	1	3
Oct. 25	Preasp, A. W.	Caledonia	Groceries, etc.	1	1	2
Oct. 25	Timm, John C.	Caledonia	General merchandise	3		3
Oct. 25	Wenger & Clemens	Caledonia	Hardware, furniture, etc.	4		4
Oct. 25	Woodward & Son	Caledonia	Hardware	3		3
Oct. 25	Your Home Store	Caledonia	General merchandise	2	2	4
Oct. 3	Andrus, Harold E.	Cedar Springs	Drugs	2		2
Oct. 3	Black, William & Co.	Cedar Springs	General merchandise	1	1	2
Oct. 3	Congdon, W. C.	Cedar Springs	Furniture	1		1
Oct. 4	Doyle, G. H.	Cedar Springs	General merchandise	2		2
Oct. 3	Furner & Marvin	Cedar Springs	Hardware and implements	3		3
Oct. 4	Harmer, E.	Cedar Springs	Confectionery, etc.	1	1	2

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>KENT Co.—Con.</b>						
Oct. 4	Mather, Charles	Cedar Springs	Dry goods, clothing, etc.	2	2	4
Oct. 3	Morley, Howard	Cedar Springs	General merchandise	1	1	2
Oct. 3	O'Dell, S. E. Son & Co.	Cedar Springs	Groceries	3	2	3
Oct. 3	Pollock, W. J.	Cedar Springs	General merchandise	1	3	4
Oct. 4	Skinner, J. A.	Cedar Springs	Drugs, paints, etc.	4	2	6
Oct. 3	Smith, F. E. & Sons	Cedar Springs	Groceries	2		2
Oct. 3	Thomas & Bassett	Cedar Springs	General merchandise	3	1	4
Oct. 3	Wheeler, E. W. & Co.	Cedar Springs	General merchandise	2	2	4
Dec. 4	Dodge, F. R. & Son	Comstock Park	General merchandise	3		3
Dec. 4	Harmon Drug Co.	Comstock Park	Drugs	2		2
Dec. 4	Lamoreaux, George P.	Comstock Park	General merchandise	2	2	4
Oct. 26	Heintzelman, F. D.	Dutton	General merchandise	2	1	3
Oct. 26	McKersie, D.	Dutton	General merchandise	2		2
Oct. 26	Roberts, John	Dutton	General merchandise	1	1	2
Oct. 5	Lovelace & Stanton	Edgerton	Implements	2		2
Oct. 5	Rector, George E.	Edgerton	General merchandise	3		3
Sept. 26	Bouma Brothers	Grandville	Groceries	2	1	3
Sept. 26	Bouma, H. R.	Grandville	Groceries	2		2
Sept. 19	Caldwell-Hoeksema Co.	Grandville	Dry goods	3	2	5
Sept. 26	Thomas, C. L.	Grandville	Drugs	2	1	3
Oct. 4	Adams, C. F. Co.	Grand Rapids	Ladies' garments	10	2	12
Oct. 8	Adams, F.	Grand Rapids	Groceries	1	1	2
Oct. 11	Alaska Fur Co.	Grand Rapids	Furs		2	2
Oct. 16	Alden & Judson	Grand Rapids	Hardware	5	2	7
Oct. 11	Aniba, A. A.	Grand Rapids	Confectionery	2	3	5
Oct. 8	Apol, J.	Grand Rapids	Shoes	1	1	2
Oct. 9	Barth, William F.	Grand Rapids	Drugs	1	1	2
Oct. 12	Benjamins, Inc.	Grand Rapids	Clothing	9		9
Oct. 5	Bertch Market	Grand Rapids	Groceries	32	5	37
Oct. 9	Bixby Office Supply Co.	Grand Rapids	Furniture	7	4	11
Oct. 16	Boeskol, Mrs. H.	Grand Rapids	Confectionery, etc.	2	1	3
Oct. 19	Boesler's Hair Shop	Grand Rapids	Hair goods		6	6
Oct. 2	Brock, H. M. & Co.	Grand Rapids	Clothing	2		2
Oct. 19	Broene, C.	Grand Rapids	Dry goods	1	2	3
Oct. 9	Brondke, Mrs. G.	Grand Rapids	Ice cream	1	2	3
Oct. 11	Burch, A. F. Co.	Grand Rapids	Upholstering	22	4	26
Oct. 1	Camera Shop, The	Grand Rapids	Camera supplies	7	6	13
Oct. 8	Canfield-Pearce Co.	Grand Rapids	Wall paper, paints, etc.	9	5	14
Oct. 5	Carr-Hutchins-Anderson Co.	Grand Rapids	Clothing	11	4	15
Oct. 17	Carstens, R. D.	Grand Rapids	Jewelry	5	1	6
Oct. 10	Chaffee Brothers Furniture Co.	Grand Rapids	Furniture	11	2	13
Oct. 1	Chicago Candy Co.	Grand Rapids	Confectionery, etc.		6	6
Oct. 9	Clark, H. B.	Grand Rapids	Groceries	1	1	2
Oct. 2	Cole Glove Store	Grand Rapids	Gloves		1	1
Oct. 2	Collat Brothers	Grand Rapids	Clothing	6		6
Oct. 3	Columbia Candy Co.	Grand Rapids	Confectionery, etc.	2	2	4
Oct. 2	Columbia Candy Co.	Grand Rapids	Confectionery	2	2	4
Oct. 16	Cotton, E. T. Electric Co.	Grand Rapids	Electrical supplies	1	1	2
Oct. 11	Crabb & Hunter Floral Co.	Grand Rapids	Florist	3	3	6
Oct. 23	Crane Co.	Grand Rapids	Plumbing supplies	26	7	33
Oct. 1	Cross, Eli	Grand Rapids	Flowers	1	2	3
Oct. 12	Deane & Witters	Grand Rapids	Groceries	8	1	9
Oct. 9	De Boer, J.	Grand Rapids	Groceries	1	1	2
Oct. 22	De Long, W.	Grand Rapids	Groceries	1	1	2
Oct. 3	Detroit Cash & Credit Co.	Grand Rapids	Clothing	2	1	3
Oct. 22	Dice, B. H.	Grand Rapids	Dry goods	1	1	2
Oct. 10	Donovan, T. R. Co.	Grand Rapids	Ladies' & gents' clothing	2	5	7
Oct. 9	Dostert, Peter	Grand Rapids	Hardware	1	1	2
Oct. 22	Dreiborg, John	Grand Rapids	Groceries	2	1	3
Oct. 26	Dykstra, William J.	Grand Rapids	Dry goods	1	2	3

## DEPARTMENT OF LABOR.

*Inspection of stores.—Continued.*

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	<b>KENT Co.—Con.</b>					
Oct. 10	Economy Wall Paper Co.	Grand Rapids	Wall paper, etc.	1	1	2
Oct. 12	Eddy, Charles B.	Grand Rapids	Groceries	2	1	3
Oct. 23	Eagle Clothing Co.	Grand Rapids	Clothing	2	2	4
Oct. 17	Faber, N.	Grand Rapids	General merchandise	1	1	2
Oct. 16	Flaragin's Beauty Shop.	Grand Rapids	Hair goods	1	4	5
Oct. 17	Fletcher, E. & Co.	Grand Rapids	Dry goods		3	3
Oct. 2	Foster-Stevens & Co.	Grand Rapids	Hardware	57	24	81
Oct. 2	Friedman-Spring Dry Goods Co.	Grand Rapids	Dry goods	32	146	178
Oct. 19	Friedrich Music House, The.	Grand Rapids	Music	24	12	36
Oct. 17	Freundenberg, Henry	Grand Rapids	Groceries	4	1	5
Oct. 18	Furniture City Tea Co.	Grand Rapids	Tea and coffee	6	1	7
Oct. 22	Gaskill, Frank J.	Grand Rapids	Groceries	2	1	3
Oct. 19	Gleye Hardware Co., The	Grand Rapids	Hardware	2	1	3
Oct. 11	Goodwin Corset Shop, The	Grand Rapids	Corsets	1	1	1
Oct. 10	Goodyear Tire & Rubber Co., The	Grand Rapids	Rubber	14	4	18
Oct. 10	Grand Rapids Marble & Fireplace Co.	Grand Rapids	Marble, tile, etc.	2	1	3
Oct. 19	Grand Rapids Store Fixture Co.	Grand Rapids	Fixtures	2	1	3
Oct. 16	Grand Union Tea Co.	Grand Rapids	Tea and coffee	11	2	13
Oct. 19	Great Atlantic & Pacific Co.	Grand Rapids	Tea and coffee	4	1	5
Oct. 23	Greulich Co., The	Grand Rapids	Clothing	6	1	7
Oct. 5	Grombacker & Major	Grand Rapids	Gents' clothing	6		6
Oct. 9	Groekopf Brothers	Grand Rapids	Trunks, bags, etc.	6	2	8
Oct. 12	Gwendyk, Mrs. J.	Grand Rapids	Groceries	1	1	2
Oct. 12	Hall, Mrs. R.	Grand Rapids	Groceries	1	1	1
Oct. 1	Hannah, A. & Son	Grand Rapids	Flowers	1	2	3
Oct. 11	Harris Sample Furniture Co.	Grand Rapids	Furniture	4	1	5
Oct. 12	Hefner's Art Shop.	Grand Rapids	Pictures	3	1	4
Oct. 25	Heinzman's Bazaar	Grand Rapids	Furniture, etc.		2	2
Oct. 25	Herpolsheimer Co.	Grand Rapids	General merchandise	125	251	376
Oct. 15	Herkner, J. C. Jewelry Co.	Grand Rapids	Furniture	18	5	23
Oct. 9	Hesse's	Grand Rapids	Carpets	4	4	8
Oct. 12	Heyboer Stationery Co.	Grand Rapids	Books, etc.	2	1	3
Oct. 5	Heyman Co.	Grand Rapids	House furnishings	41	14	55
Oct. 1	Higgins, E. Co.	Grand Rapids	Books	4	4	8
Oct. 3	Hill-Top Gift Shop, The	Grand Rapids	Novelties		6	6
Oct. 1	Hobart Co., The	Grand Rapids	Crockery, etc.	2	3	5
Oct. 4	Houseman & Jones Co.	Grand Rapids	Clothing, etc.	23	3	26
Oct. 5	Hub Co., The	Grand Rapids	Clothing	5	1	6
Oct. 1	Imperial Candy Co.	Grand Rapids	Confectionery		6	6
Oct. 3	Jandorf, Charles S.	Grand Rapids	Baked goods	6	13	19
Oct. 22	Jarvis, W. Co.	Grand Rapids	Sporting goods	12	5	17
Oct. 19	Jonejan, C. H.	Grand Rapids	Drugs	3	1	4
Oct. 16	Kamp's Cash Grocery	Grand Rapids	Groceries	2	3	5
Oct. 15	Kamp, John	Grand Rapids	Hardware	2	1	3
Oct. 10	Kimball, W. W. Co.	Grand Rapids	Pianos, etc.	8	2	10
Oct. 9	Kinney, G. R. & Co.	Grand Rapids	Shoes and rubbers	14	2	16
Oct. 16	Kirchoff, Joseph	Grand Rapids	Furniture	2	1	3
Oct. 10	Klingman's Sample Furniture Co.	Grand Rapids	Furniture	28	3	31
Oct. 19	Klunder, Michael	Grand Rapids	Groceries	2	1	3
Oct. 2	Kraft, George Co.	Grand Rapids	5 and 10 cent goods	5	36	41
Oct. 2	Kresge, S. S. Co.	Grand Rapids	5 and 10 cent goods	13	75	88
Oct. 1	Kresge, S. S. Co.	Grand Rapids	25 and 50 cent goods	4	25	29
Oct. 3	Kutache's Hardware Co.	Grand Rapids	Hardware	2		2
Oct. 5	Landlord, A.	Grand Rapids	Drugs	1	1	2
Oct. 16	Lane, Arthur J.	Grand Rapids	Groceries	6	1	7
Oct. 16	Lankester Dry Goods Store	Grand Rapids	Dry goods	1	3	4
Oct. 4	Leff Grocery	Grand Rapids	Groceries	5		5
Oct. 19	Leonard, H. & Sons	Grand Rapids	Crockery, etc.	36	8	44
Oct. 3	Lewis Electric Co.	Grand Rapids	Electrical supplies	15	3	18
Oct. 4	Liberal Credit Clothing Co.	Grand Rapids	Clothing	2	2	4

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
KENT Co.—Con.						
Oct. 15	Lobensky, J. Sons & Co.	Grand Rapids	Clothing.	4		4
Oct. 5	Long's, R. H.	Grand Rapids	Shoes.	3		3
Oct. 4	Long's, R. H.	Grand Rapids	Shoes.	8		8
Oct. 10	McCurdy Co., The	Grand Rapids	Hosiery and underwear		2	2
Oct. 1	MacKenzie, Bostock, Monroe.	Grand Rapids	Gents' clothing.	3	1	4
Oct. 17	Maier, Louis	Grand Rapids	Groceries	2	1	3
Oct. 17	Maloney, L. E.	Grand Rapids	Groceries	2	1	3
Oct. 11	Manhattan Tie Co.	Grand Rapids	Ties.	2	2	4
Oct. 15	Marema, Peter	Grand Rapids	Groceries	2	1	3
Oct. 17	Marrin, M. M.	Grand Rapids	Music, etc.	2	1	3
Oct. 2	May, A. & Sons	Grand Rapids	Mens' and boys' clothing.	22	2	24
Oct. 17	May, A. & Sons	Grand Rapids	Men's furnishings.	18	1	19
Oct. 1	Mayhew, G. W. Shoe Co.	Grand Rapids	Shoes.	6	1	7
Oct. 4	Mcenter Co., The	Grand Rapids	Clothing.	4	6	10
Oct. 22	Michigan Hardware Co.	Grand Rapids	Hardware	25	6	31
Oct. 26	Mills, C. W. Paper Co.	Grand Rapids	Paper, etc.	17	2	19
Oct. 17	Mills & Healey	Grand Rapids	Dry goods	1	3	4
Oct. 23	Moorman, William	Grand Rapids	Groceries	1	1	2
Oct. 18	Milder, Walter	Grand Rapids	Groceries	2	1	3
Oct. 25	National Grocer Co.	Grand Rapids	Groceries.	43	11	54
Oct. 17	Odell, Norman	Grand Rapids	Groceries	5	1	6
Oct. 1	Pantlind Pharmacy	Grand Rapids	Drugs, etc.	1	2	3
Oct. 17	Parris, M. N.	Grand Rapids	Mens' furnishings.	1	5	6
Oct. 26	Pauls, Jurgens & Holtvluwer	Grand Rapids	Clothing and shoes	2	2	4
Oct. 2	Peange, Ernest A.	Grand Rapids	Jewelry and clothing.	9	4	13
Oct. 1	Peck Brothers Drug Co.	Grand Rapids	Drugs	13	12	25
Oct. 23	People's Credit Clothing Co.	Grand Rapids	Clothing.	2	1	3
Oct. 16	Piper, Claude G.	Grand Rapids	Ice cream	5	1	6
Oct. 18	Post, Mrs. S.	Grand Rapids	General merchandise	1	3	4
Oct. 24	Postema & Reitsma	Grand Rapids	Groceries and dry goods		2	2
Oct. 1	Platte, J. P.	Grand Rapids	Umbrellas, etc.		3	3
Oct. 12	Quality Film Co.	Grand Rapids	Films, etc.	1	1	2
Oct. 12	Quality Shop, The	Grand Rapids	Furniture	1	1	2
Oct. 24	Rademaker-Dodge Grocer Co.	Grand Rapids	Groceries.	26		26
Oct. 10	Rason & Dows.	Grand Rapids	Furs.	12	12	24
Oct. 1	Raymer's Book Store	Grand Rapids	Books	1	1	2
Oct. 12	Remington & De Laney	Grand Rapids	Clothing.	1	7	8
Oct. 17	Republic Rubber Co., The	Grand Rapids	Rubber	3	1	4
Oct. 1	Rex Music Co.	Grand Rapids	Music	1	2	3
Oct. 16	Riechel, Henry Drug Co., The	Grand Rapids	Drugs.	2	1	3
Oct. 25	Ritzema Store, The	Grand Rapids	Groceries	2	4	6
Oct. 16	Ritzema, Jacob	Grand Rapids	Groceries	1	1	2
Oct. 11	Ritzema, Mrs. M.	Grand Rapids	General merchandise		6	6
Oct. 25	Ritzema Store, The	Grand Rapids	General merchandise	5	6	11
Oct. 5	Ryan, J. E.	Grand Rapids	Jewelry	1	1	2
Oct. 15	Sandler, Leo	Grand Rapids	Clothing.	3	1	4
Oct. 4	Schmidt, A. F.	Grand Rapids	Groceries	2	1	3
Oct. 5	Schoepstra, Miss K.	Grand Rapids	Dry goods		2	2
Oct. 3	Schrouder's Drug Store.	Grand Rapids	Drugs.	11	3	14
Oct. 24	Seven, C. J.	Grand Rapids	Dry goods	1	4	5
Oct. 4	Seven, M. J.	Grand Rapids	Groceries	1	2	3
Oct. 24	Seven, Miner	Grand Rapids	Groceries	3	2	5
Oct. 18	Shillman, W. A.	Grand Rapids	Groceries	2	1	3
Oct. 8	Shrug, H.	Grand Rapids	Groceries	1	1	2
Oct. 11	Siegel Co., The	Grand Rapids	Ladies' garments	3	49	52
Oct. 5	Siegel, J. Jewelry Co.	Grand Rapids	Jewelry	6	1	7
Oct. 8	Smith, A. L.	Grand Rapids	Groceries	1	1	2
Oct. 9	Smith, C. F.	Grand Rapids	Groceries	1	1	2
Oct. 15	Smith, Harley Furniture Co.	Grand Rapids	Furniture	5	1	6
Oct. 10	Smith, Henry	Grand Rapids	Flowers	5	4	9

## DEPARTMENT OF LABOR.

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
KENT Co.—Con.						
Oct. 12	Smith & Hurst	Grand Rapids	Pianos	1	1	2
Oct. 18	Spoolstra, A.	Grand Rapids	Dry goods	1	1	2
Oct. 3	Stoketeo, Paul & Sons	Grand Rapids	Dry goods	103	173	276
Oct. 24	Stern Co., The	Grand Rapids	Clothing	2	42	44
Oct. 16	Stoll, D. & Son	Grand Rapids	General merchandise	2	6	8
Oct. 11	Stonehouse, D.	Grand Rapids	Dry goods	1	2	3
Oct. 11	Stonehouse, R. A.	Grand Rapids	Hardware	5	1	6
Oct. 18	Stuit, F. H.	Grand Rapids	Groceries	5	2	7
Oct. 10	Swanson, N. H.	Grand Rapids	Victrolas	1	1	2
Oct. 11	Sweet's Candy Shop	Grand Rapids	Confectionery	1	4	5
Oct. 19	Swets, A. H.	Grand Rapids	Groceries	2	1	3
Oct. 2	Trankla, Charles & Co.	Grand Rapids	Dry goods	54	122	176
Oct. 24	Trompen, J. N. & Co.	Grand Rapids	Dry goods	4	2	6
Oct. 25	Trompen, J. N. & Co.	Grand Rapids	General merchandise	3	2	5
Oct. 24	Trompen, J. N. & Co.	Grand Rapids	Clothing and dry goods	5	2	7
Oct. 24	Trompen, J. N. & Co.	Grand Rapids	General merchandise	8	5	13
Oct. 1	Teal, Zos B.	Grand Rapids	Confectionery	1	5	5
Oct. 25	Tilma, George T.	Grand Rapids	Dry goods and groceries	1	2	3
Oct. 24	Van den Berg Brothers	Grand Rapids	Furniture	5	1	6
Oct. 25	Van Der Veen, J. M.	Grand Rapids	Dry goods	1	1	2
Oct. 24	Veenstra, M. & Sons	Grand Rapids	Paper and paints	1	1	2
Oct. 15	Vonk, Gerrit	Grand Rapids	Wall paper and paint	10	1	10
Oct. 1	Walk Over Boot Shop	Grand Rapids	Shoes	5	1	6
Oct. 4	Waters, C. F.	Grand Rapids	Shoes	4	1	4
Oct. 12	Wegner Brothers	Grand Rapids	Furniture	8	2	10
Oct. 2	West's Drug Store	Grand Rapids	Drugs	5	1	5
Oct. 2	West's Drug Store	Grand Rapids	Drugs	13	10	23
Oct. 1	West's Drug Store	Grand Rapids	Drugs, etc.	16	18	34
Oct. 1	Wesburg's Linen Store	Grand Rapids	Linen, curtains, etc.	3	7	10
Oct. 11	White & White's Pharmacy	Grand Rapids	Drugs	3	3	6
Oct. 12	Winegar Furniture Co.	Grand Rapids	Furniture	27	9	36
Oct. 2	Woolworth, F. W. Co.	Grand Rapids	5 and 10 cent goods	6	43	49
Oct. 2	Woolworth, F. W. Co.	Grand Rapids	5 and 10 cent goods	2	23	25
Oct. 1	Wormser Hat Stores, Inc.	Grand Rapids	Hats	3	1	3
Oct. 1	Wormser Hat Stores, Inc.	Grand Rapids	Hats	5	1	6
Oct. 8	Wursburg, D. G. Co.	Grand Rapids	General merchandise	195	65	260
Oct. 2	Wursburg, F. A. & Son	Grand Rapids	Art goods	6	6	12
Oct. 9	Young & Chaffee Furniture Co.	Grand Rapids	Furniture	39	16	55
Oct. 11	Briggs, S. I.	Kent City	Hardware	1	1	2
Oct. 11	Magaw, D. H.	Kent City	General merchandise	1	1	2
Oct. 11	Perham, J. T.	Kent City	Drugs	2	1	3
Oct. 11	Power, Mrs. H. S.	Kent City	General merchandise	1	2	2
Oct. 11	Saur, A. H. & Co.	Kent City	General merchandise	3	2	5
Oct. 11	Saur, J. A.	Kent City	Implements and harness	2	2	2
Oct. 11	Side, R. J.	Kent City	Groceries	1	1	2
Oct. 11	Wilson, E.	Kent City	General merchandise	1	1	2
Sept. 4	Alexander, C. H. & Son	Lowell	Groceries	4	1	4
Sept. 5	Cadwalader, A. B.	Lowell	Furniture	2	1	2
Sept. 5	Clark, John O.	Lowell	Groceries	4	1	4
Sept. 7	Collar, E. R.	Lowell	Dry goods	2	2	4
Sept. 7	Coons, A. L.	Lowell	Clothing	3	1	3
Sept. 6	Ford, R. T.	Lowell	Hardware	4	1	4
Sept. 7	Geo. M. W. Co.	Lowell	Hardware	3	1	3
Sept. 6	Guidi, S.	Lowell	Confectionery	1	2	3
Sept. 6	Henry, M. N.	Lowell	Drugs	2	1	2
Sept. 5	Hill, A. H.	Lowell	Shoes	2	1	3
Sept. 5	Howl, A. J. & Son	Lowell	Shoes	3	1	3
Sept. 5	Kellogg, John	Lowell	Groceries	3	1	3
Sept. 5	Lalley, John J.	Lowell	Clothing	3	1	3
Sept. 5	Look, D. G.	Lowell	Drugs	3	1	3



Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>KENT Co.—Con.</b>						
Sept. 5	Nash, H.	Lowell	Implements and harness	3		3
Sept. 5	Rice, Sam	Lowell	Second hand goods	2		2
Sept. 5	Rutherford, John W.	Lowell	Notions	1	2	3
Sept. 6	Shaw, George B.	Lowell	Groceries	4		4
Sept. 7	Van Dyke, R.	Lowell	Groceries	3		3
Sept. 7	Weekes, A. W. & Son	Lowell	Dry goods	2	4	6
Sept. 6	Williams, U. B.	Lowell	Jewelry	1	1	2
Sept. 7	Winegar, W. S.	Lowell	Drugs	2		2
Sept. 5	Yeater & Co.	Lowell	Furniture	2		2
Nov. 5	Keech, F. L.	Mosely	General merchandise	1	1	2
Nov. 5	Wingar, L. J.	Mosely	Groceries	1	1	2
Oct. 5	Coon & Co.	Rockford	Shoes	1	1	2
Oct. 9	Earle, H. E.	Rockford	Drugs	2		2
Oct. 9	Felter-Johnson Co., Inc.	Rockford	General merchandise	3	1	4
Oct. 9	Hardie & Perry	Rockford	Hardware	3		3
Oct. 9	Hyde, C. W.	Rockford	Cigars	3		3
Oct. 9	Kimm, Dick Furniture Co.	Rockford	Furniture	2		2
Oct. 9	McBride, C. Glen	Rockford	Groceries	3		3
Oct. 5	Morrison, J. A.	Rockford	Drugs	2	1	3
Oct. 5	Porter, G. A.	Rockford	Groceries	3	1	4
Oct. 5	Porter, George E.	Rockford	Flour and feed	2		2
Oct. 9	Schmid, E. G.	Rockford	Clothing and shoes	1	1	2
Oct. 5	Sears, C. F.	Rockford	Dry goods	2	1	3
Oct. 2	Boss, William	Sand Lake	General merchandise	1	1	2
Oct. 2	Giddings, Alfred	Sand Lake	General merchandise	1	1	2
Oct. 2	Long, Frank B.	Sand Lake	General merchandise	2	1	3
Oct. 2	Merren, M. P.	Sand Lake	General merchandise	1	2	3
Oct. 2	Sand Lake Pharmacy	Sand Lake	Drugs	1	1	2
Oct. 2	Sinclair & Mills	Sand Lake	Hardware and furniture	3		3
Oct. 6	Williams & Otterbacher	Sand Lake	Farm implements	3		3
Oct. 2	Wilson, M. V.	Sand Lake	Drugs	1	1	2
Oct. 23	Ballard, J. C. & Co.	Sparta	Hardware and furniture	5		5
Oct. 23	Bolender's Pharmacy	Sparta	Drugs	1	1	2
Oct. 23	Brack, W. J.	Sparta	Drugs	2	1	3
Oct. 23	Bradford, H. E.	Sparta	Books, etc.	1	2	3
Oct. 23	Clute, Dora	Sparta	Dry goods		2	2
Oct. 23	Culver, M. D.	Sparta	Groceries	1	2	3
Oct. 23	Fris, Charles G.	Sparta	Hardware	2		2
Oct. 23	Holt, D. C.	Sparta	Jewelry	1	1	2
Oct. 23	Johnson, A. A. & Co.	Sparta	General merchandise	8	3	11
Oct. 23	Johnson, D. J.	Sparta	Farm implements	5		5
Oct. 23	King & Rinehart	Sparta	Groceries and shoes	3		3
Oct. 23	Putman, A. W. & B. H.	Sparta	General merchandise	2	2	4
Sept. 26	Geson, Paul	Wyoming Park	Groceries	3		3
<b>KEEWENAW COUNTY.</b>						
Nov. 14	Forsley & Smith	Ahmeek	General merchandise	1	1	2
Nov. 14	Glass Brothers Department Store	Ahmeek	General merchandise	5	4	9
Nov. 14	Kivela Brothers	Ahmeek	Groceries	2		2
Nov. 14	Levine, Mr. and Mrs. F.	Ahmeek	General merchandise	1	1	2
Nov. 14	Morgan & Grierson	Ahmeek	General merchandise	3	3	6
Nov. 14	Nordstrom, Nils O.	Ahmeek	General merchandise	2		2
Nov. 14	Peterman Stores Co., The	Mohawk	General merchandise	22	8	30
<b>LAKE COUNTY.</b>						
May 16	Morris Store, The	Baldwin	General merchandise	2	1	3

## DEPARTMENT OF LABOR.

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
LAPEER COUNTY.						
Dec. 19	Cochrane, A. & Sons	Almont	General merchandise	3	1	4
Dec. 19	Ferguson Hardware & Furniture Co.	Almont	Hardware	4	1	5
Dec. 19	Hallock's Pharmacy	Almont	Drugs	3		3
Dec. 5	Livermore, C. L. & Co.	Clifford	General merchandise	1	2	3
Dec. 5	Willson, L. H.	Clifford	General merchandise	2	1	3
Dec. 13	Columbiaville Mercantile Co.	Columbiaville	General merchandise	3	2	5
Dec. 20	Hemingway, E. J.	Hadley	General merchandise	1	1	2
Dec. 20	Morton, J. A.	Hadley	Hardware	2		2
Dec. 20	Stimson, Grant	Hadley	General merchandise	1	1	2
Dec. 7	Imlay City Table Supply Co.	Imlay City	Groceries	1	1	2
Dec. 7	Rathsburg & Muir	Imlay City	General merchandise	4	1	5
Dec. 7	Titus & Company	Imlay City	General merchandise	4	1	5
Dec. 7	Zavit & Peck	Imlay City	Hardware	3		3
Dec. 13	Brown, S. D.	Lapeer	Furniture	3		3
Dec. 13	Grain, Norm	Lapeer	Clothing	2		2
Dec. 13	Gardiner, J. N.	Lapeer	Drugs	2		2
Dec. 13	Lapeer Hardware Co.	Lapeer	Hardware	4	1	5
Dec. 12	Lapeer Mercantile Co.	Lapeer	Groceries and provisions	7	1	8
Dec. 13	Lockwood, S. A.	Lapeer	General merchandise	5	5	10
Dec. 12	Michigan Stores Co., The	Lapeer	Novelties	1	4	5
Dec. 12	Penney, J. C. Co.	Lapeer	Dry goods and clothing	3	2	5
Dec. 13	Poulsen Mercantile Co.	Lapeer	General merchandise	4	4	8
Dec. 12	Vincent, Shad N. & Son	Lapeer	Drugs	3		3
Dec. 13	White's	Lapeer	General merchandise	5	3	8
Dec. 18	Lister, T. E.	Lum	General merchandise	2	1	3
Dec. 18	Spencer, Daisy M. & Co.	Lum	General merchandise	1	3	4
Dec. 6	Ford, H. & G.	North Branch	General merchandise	3	4	7
Dec. 6	Leete, James E. & A. H.	North Branch	General merchandise	4	2	6
Dec. 6	North Branch Cooperative Co.	North Branch	General merchandise	2	4	6
Dec. 6	Vandecar, J. H.	North Branch	Drugs	2		2
Dec. 13	Hemingway, W. S.	Otter Lake	Hardware	3		3
Dec. 13	McCormack, W. E. & Co.	Otter Lake	General merchandise	3		3
LEELANAU COUNTY.						
Dec. 5	Odoi, John	Cedar City	General merchandise	1	1	2
Dec. 5	Shonek, J. J.	Cedar City	General merchandise	2		2
Dec. 5	Ward & Culver	Cedar City	General merchandise	3		3
Nov. 30	Fry, John	Empire	Groceries, etc.	2		2
Nov. 30	Nessen Brothers	Empire	General merchandise	4	2	6
Dec. 4	Leland Mercantile Co.	Leland	General merchandise	3		3
Dec. 4	Pickard, B. N.	Leland	General merchandise	2		2
Oct. 5	Gill, Wilber F.	Northport	Groceries and shoes	2	1	3
Oct. 5	Kehl Mercantile Co.	Northport	General merchandise	5		5
Oct. 5	Mervau, Robert E.	Northport	Drugs	2		2
Dec. 4	Plamondon & Odoi	Provemont	General merchandise	3		3
Dec. 4	Plamondon, T. & Son	Provemont	General merchandise	3	1	4
Oct. 4	Bahle, L. E. & Son	Suttons Bay	Clothing and dry goods	1	1	2
Oct. 4	Husby, Hansen & Co.	Suttons Bay	Groceries and hardware	5		5
Oct. 4	Sogge, L. R.	Suttons Bay	General merchandise	2	1	3
LENAWEE COUNTY.						
Dec. 19	Central Supply Co., The	Addison	General merchandise	6	2	8
Nov. 21	Albig, W. O.	Adrian	Dry goods	9	13	22
Nov. 21	Busy Bee Confectionery Store	Adrian	Candy and ice cream	2	1	3
Nov. 21	Fisher's Book Store	Adrian	Books, etc.	4	2	6
Nov. 20	Grinnell Brothers Music House	Adrian	Music	8	4	12

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>LENAWEE CO.—Con.</b>						
Nov. 21	Hart, Shaw & Miller.....	Adrian.....	Drugs.....	3	1	4
Nov. 21	Lewis, Coe & Howell.....	Adrian.....	Dry goods.....	6	18	24
Nov. 21	McConnell, W. C.....	Adrian.....	Dry goods.....	5	8	13
Nov. 20	Mathes, G. H.....	Adrian.....	Wall paper.....	1	2	3
Nov. 21	Park, A. B.....	Adrian.....	Dry goods.....	8	15	23
Nov. 21	Style Center, The.....	Adrian.....	Ladies' garments.....	1	1	2
Nov. 21	Swift's Book Store.....	Adrian.....	Books, etc.....	2	1	3
Nov. 21	Woolworth's 5 and 10 Cent Store.....	Adrian.....	5 and 10 cent goods.....	3	16	19
Dec. 12	Gates Clothing Co.....	Morenci.....	Clothing, etc.....	4	1	5
Dec. 17	Jones' Clothing Shop, The.....	Tecumseh.....	Clothing.....	6	1	7
<b>LIVINGSTON COUNTY.</b>						
Nov. 15	Holt & Hart.....	Fowlerville.....	General merchandise.....	5	1	6
Nov. 15	Miner, A. R.....	Fowlerville.....	Groceries.....	1	1	1
Nov. 14	McPherson, William & Sons.....	Howell.....	General merchandise.....	4	8	12
<b>LUCE COUNTY.</b>						
Jan. 3	Skinner, H. J. & Co.....	McMillan.....	General merchandise.....	4	2	6
Jan. 31	Brown & Turnbull.....	Newberry.....	Groceries.....	3	.....	3
Jan. 31	Leighton, Perry.....	Newberry.....	Clothing and shoes.....	2	.....	2
Feb. 1	Newmark & Newmark.....	Newberry.....	Clothing and shoes.....	2	.....	2
Jan. 31	Sherman, A. H.....	Newberry.....	Drugs.....	1	1	2
Feb. 1	Sheer, Charles.....	Newberry.....	Dry goods and shoes.....	2	.....	2
Feb. 1	Soo 5 and 10 Cent Store.....	Newberry.....	5 and 10 cent goods.....	1	3	4
Jan. 31	Sundstrom, Oscar.....	Newberry.....	Clothing, etc.....	2	2	4
Feb. 1	Westin, Andrew & Co.....	Newberry.....	General merchandise.....	11	4	15
<b>MACKINAC COUNTY.</b>						
Jan. 28	Lyman & Ferguson.....	Gould City.....	General merchandise.....	5	.....	5
Jan. 28	Parker, Mrs. Clara.....	Gould City.....	General merchandise.....	1	2	3
Jan. 30	Bailey, M. G.....	Mackinac Island.....	Drugs.....	3	.....	3
Jan. 30	Bogan's Pharmacy.....	Mackinac Island.....	Drugs.....	4	.....	4
Jan. 30	Davis, J. W. & Sons.....	Mackinac Island.....	General merchandise.....	11	4	15
Jan. 30	Doud Mercantile Co.....	Mackinac Island.....	Groceries.....	11	.....	11
Jan. 30	Murray, D.....	Mackinac Island.....	Dry goods.....	1	2	3
Jan. 30	Truscott, George & Son.....	Mackinac Island.....	General merchandise.....	3	.....	3
Jan. 30	Bobier, G. H.....	St. Ignace.....	Groceries.....	2	.....	2
Jan. 30	Chambers Brothers.....	St. Ignace.....	General merchandise.....	4	2	6
Jan. 30	Highstone, A. C.....	St. Ignace.....	Dry goods.....	2	1	3
Jan. 30	Hoban, George.....	St. Ignace.....	Hardware.....	4	1	5
Jan. 30	Murray Brothers.....	St. Ignace.....	General merchandise.....	6	.....	6
Jan. 30	Saul, The Clothier.....	St. Ignace.....	Clothing.....	3	.....	3
Jan. 30	Winkleman, L.....	St. Ignace.....	General merchandise.....	4	4	8
<b>MACOMB COUNTY.</b>						
Oct. 16	Baker, William.....	New Baltimore.....	General merchandise.....	3	.....	3
Oct. 16	Kelme! & Gibbons.....	New Baltimore.....	General merchandise.....	2	1	3
Oct. 16	Parker, William D.....	New Baltimore.....	Hardware, coal and ice.....	4	.....	4
Oct. 18	Brockman, William J.....	New Haven.....	General merchandise.....	1	1	2
Oct. 18	Dennett, Sanford.....	New Haven.....	Groceries.....	1	1	2
Oct. 19	Brophy, T. J.....	Richmond.....	General merchandise.....	2	1	3
Oct. 25	Lutes, John W.....	Richmond.....	Drugs.....	2	.....	2
Oct. 19	Neddermeyer Co., The.....	Richmond.....	General merchandise.....	2	3	5
Oct. 24	Buszell & Eldred.....	Romeo.....	Groceries.....	4	.....	4
Oct. 24	Casey Grocery, The.....	Rmeo.....	Groceries.....	4	.....	4

## DEPARTMENT OF LABOR.

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>MACOMB Co.—Con.</b>						
Oct. 24	Chambers, H. P.	Romeo	Clothing and shoes	2		2
Oct. 24	Coe, W. P.	Romeo	Drugs	2		2
Oct. 24	Gardner, M.	Romeo	Dry goods	1	1	2
Oct. 24	Morland Hardware, The	Romeo	Hardware	3	1	4
Oct. 24	Smith, Frederick P.	Romeo	Drugs	1		1
Oct. 24	Stranahan, C.	Romeo	Groceries and provisions	3		3
Oct. 24	Zill, J. N.	Romeo	Dry goods	1	1	2
Oct. 25	Hahn, E. W.	Utica	Hardware	3		3
Oct. 25	Wagner, A. & Son	Utica	Hardware	2		2
Oct. 25	Buah, Edward	Warren	General merchandise	3		3
<b>MANISTEE COUNTY.</b>						
Feb. 18	Mauntler, Henry & Co.	Arcadia	General merchandise	2	1	3
Feb. 18	Connelly, L. D.	Bear Lake	General merchandise	4	1	5
Feb. 18	Kingscott, E. J.	Bear Lake	General merchandise	2	1	3
Feb. 15	Cushway, C. M. M.	Kaleva	Groceries	2		2
Feb. 20	Aarons, Harry J.	Manistee	Clothing	4	1	5
Feb. 19	Buckley & Douglas, The	Manistee	General merchandise	13	2	15
Feb. 20	City Drug Store	Manistee	Drugs	6	1	7
Feb. 20	Dahlquist & Co.	Manistee	Clothing and shoes	4		4
Feb. 20	Erickson, Alma	Manistee	Dry goods	3	4	7
Feb. 20	Famous, The	Manistee	Dry goods	3	9	12
Feb. 20	Larsen Brothers	Manistee	General merchandise	4	25	29
Feb. 20	Miller, William Hardware Co.	Manistee	Hardware	6	1	7
Feb. 20	Northouse, H. W. & Co.	Manistee	Clothing	2	1	3
Feb. 20	Palace of Sweets, The	Manistee	Confectionery	2	1	3
Feb. 20	Ross Ice Cream Co.	Manistee	Candy, etc.	2	4	6
Feb. 20	Ruseby, B.	Manistee	Gents' furnishings	3		3
Feb. 20	Vincent-Wolters Co., The	Manistee	Hardware	3		3
Feb. 25	Woolworth, F. W. Co.	Manistee	5 and 10 cent goods	1	6	7
Feb. 20	Zielinski, F. J. & Co.	Manistee	Dry goods	3	10	13
Feb. 20	Zobel, C. A.	Manistee	Clothing	3		3
Feb. 18	Smith, M.	Onkama	General merchandise	1	1	2
<b>MARQUETTE COUNTY.</b>						
May 17	Lake Independence Lumber Co.	Big Bay	General merchandise	4	3	7
Aug. 22	Levine, J.	Champion	General merchandise	2	2	4
Aug. 22	Quinn, M. C.	Champion	General merchandise	3	2	5
Aug. 20	Abraham, George & Brother	Gwinn	Dry goods and clothing	3		3
Aug. 20	Buchman, A. G.	Gwinn	Drugs	2		2
Aug. 20	Koeki, Peter & Co.	Gwinn	General merchandise	8	1	9
Aug. 20	Quayle, Richard	Gwinn	General merchandise	7	3	10
June 19	Braadstad, F. & Co.	Ishpeming	General merchandise	23	17	40
June 11	Bradford, J. L. Co.	Ishpeming	Clothing, shoes, etc.	4		4
June 12	Bayard & Hasselblad	Ishpeming	Groceries	3		3
June 16	City Drug Store	Ishpeming	Drugs	2		2
June 16	Conradson, A. W. Estate	Ishpeming	Groceries	1	1	2
June 11	Egan, Fred J.	Ishpeming	Hardware	3		3
June 14	Fennis Prescription Pharmacy	Ishpeming	Drugs	1	2	3
June 18	Gately-Wiggins	Ishpeming	Clothing	4	3	7
June 11	Grand Union Tea Co.	Ishpeming	Tea and coffee	2		2
June 15	Hoyseth, Lars	Ishpeming	Meats and groceries	5		5
June 13	Hughes Mercantile Co.	Ishpeming	General merchandise	10	5	15
June 15	Ishpeming Cooperative Society	Ishpeming	General merchandise	12	4	16
June 13	Ishpeming Furniture & Hardware Co.	Ishpeming	Furniture and hardware	2		2
June 12	Ishpeming Store Co.	Ishpeming	General merchandise	9	3	12
June 11	Johnson Brothers Co.	Ishpeming	Gents' clothing and shoes	4		4
June 9	Johnson, E. A.	Ishpeming	General merchandise	5	3	8
June 11	Johnson, Gust.	Ishpeming	Tobacco and candy	2		2
June 11	Kahn, M. A.	Ishpeming	General clothing	3		3

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>MARQUETTE Co.—Con.</b>						
June 15	Koski, Peter & Co.	Iahpeming.	General merchandise.	10	4	14
June 14	Leininger, William.	Iahpeming.	Furniture.	4	2	6
June 16	Lindbom, John E.	Iahpeming.	Hardware.	3	3	6
June 14	Lofberg, Matt.	Iahpeming.	Clothing, etc.	3	3	6
June 11	Lowenstein, S. & J.	Iahpeming.	Dry goods and clothing.	3	4	7
June 16	Penney, J. C. Co.	Iahpeming.	Dry goods.	3	4	7
June 18	Person, E. G.	Iahpeming.	Furniture.	1	1	2
June 18	Red Cross Drug Store.	Iahpeming.	Drugs.	3	3	6
June 13	Sellwood, Joseph & Co.	Iahpeming.	General merchandise.	6	5	11
June 16	Skoglund, John.	Iahpeming.	Boots and shoes.	1	1	2
June 14	Skud, N. E. Estate.	Iahpeming.	Dry goods.	2	7	9
June 11	Style Shop, The.	Iahpeming.	Ladies' apparel.	1	3	4
June 18	Tilison, E. P. Drug Co., The.	Iahpeming.	Drugs.	3	1	4
June 18	Woolworth, F. W. Co.	Iahpeming.	5 and 10 cent store.	2	13	15
Aug. 20	Ramie, Martin.	Little Lake	General merchandise.	2	1	3
May 28	Anderson & Bennett Co.	Marquette.	Clothing, shoes, etc.	3	3	6
May 28	Archambeau, A. E.	Marquette.	Clothing.	5	5	10
Aug. 9	Berstein's Dry Goods Store.	Marquette.	Dry goods.	1	1	2
Aug. 28	Boucher's Drug Store.	Marquette.	Drugs.	2	2	4
May 31	Bracher, E. E.	Marquette.	Groceries.	3	3	6
May 26	Bureau, F. & Sons.	Marquette.	Groceries.	7	3	10
May 31	Campbell Brothers.	Marquette.	Groceries and wood.	9	9	18
Aug. 8	Clish, J. J.	Marquette.	Confectionery.	1	1	2
Aug. 10	Crawford Co., The.	Marquette.	Tailoring.	3	1	4
Aug. 10	West Rock Street Grocery.	Marquette.	Groceries.	2	1	3
May 29	Delf's Grocery.	Marquette.	Groceries.	3	1	4
Aug. 9	Desjardins' Pharmacy.	Marquette.	Drugs.	2	1	3
Aug. 9	Donohue, John J.	Marquette.	Confectionery.	1	2	3
June 1	Eck, C. G.	Marquette.	Groceries.	3	3	6
Aug. 9	Fine, A.	Marquette.	Groceries.	2	1	3
Aug. 7	Foster, J. H. Co.	Marquette.	General merchandise.	4	8	12
Aug. 10	Gannon Grocery Co.	Marquette.	Groceries.	15	2	17
Aug. 9	Geill, Charles T.	Marquette.	Wall paper, etc.	5	1	6
May 31	Gets Department Store, The.	Marquette.	Dry goods.	6	18	24
May 29	Goldberg, M. F.	Marquette.	Dry goods and jewelry.	1	1	2
May 28	Hager Brothers Co.	Marquette.	Furniture.	5	2	7
Aug. 6	Hamill, H. C.	Marquette.	Jewelry.	1	1	2
May 28	Huetter, A. L.	Marquette.	Ladies' garments.	2	2	4
June 7	Jones' Drug Store.	Marquette.	Drugs.	1	1	2
Aug. 8	Kelly Hardware Co.	Marquette.	Hardware.	6	6	12
Aug. 9	La Bonte, Frank.	Marquette.	Provisions.	5	1	6
June 2	Lanmi, John.	Marquette.	Groceries.	3	3	6
June 1	McDonald & Hayes.	Marquette.	Notions and shoes.	1	1	2
May 26	McGuire, T. C.	Marquette.	Groceries.	2	1	3
Aug. 9	McLean, Norman.	Marquette.	Groceries.	4	1	5
May 31	Manhard, M. R. & Son, Ltd.	Marquette.	Hardware.	8	8	16
Aug. 9	Marquette Hardware Co.	Marquette.	Hardware.	4	4	8
Aug. 10	Morin, Russell.	Marquette.	Groceries.	3	3	6
Aug. 9	Murray's Grocery.	Marquette.	Groceries.	6	2	8
May 24	Neidhart, B. & Co.	Marquette.	Hardware.	1	1	2
May 29	Ormsbee & Atkins.	Marquette.	Clothing.	4	3	7
May 24	Paris Fashion, The.	Marquette.	Ladies' clothing.	1	6	7
Aug. 8	Pelissier, Virginia M.	Marquette.	News stand.	2	2	4
May 28	Pendill's Pharmacy.	Marquette.	Drugs.	4	4	8
Aug. 8	Peterson, Andrew E.	Marquette.	Dry goods.	1	4	5
Aug. 6	Richards, A. C.	Marquette.	Sporting goods.	1	1	2
Aug. 8	Rosa, Jacob & Sons.	Marquette.	Clothing and shoes.	6	1	7
Aug. 9	Rustenhoven, J. W.	Marquette.	Groceries.	1	1	2
June 1	Rydholm Brothers.	Marquette.	Groceries.	4	4	8
June 1	Smith, Jacob.	Marquette.	Groceries.	3	3	6

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>MARQUETTE CO.—Con.</b>						
June 1	Siegel, John	Marquette	Groceries	4		4
May 28	Stafford Drug Co., The	Marquette	Drugs	7	3	10
May 31	Tierney Brothers	Marquette	Groceries	4	1	5
May 31	Tonella & Son	Marquette	Furniture	4	2	6
June 8	Toupin, S.	Marquette	Groceries	2		2
May 31	Union Clothing Co., Ltd.	Marquette	Clothing	3		3
Aug. 6	Van Chestning, J. B.	Marquette	Ladies' apparel		2	2
May 29	Variety Store, The	Marquette	Dry goods	3	2	5
May 29	Washington Shoe Store	Marquette	Shoes	3		3
Aug. 9	Wear-u-well Shoe Co., The	Marquette	Shoes	1		1
Aug. 7	Westlake, A. H.	Marquette	Dry goods	2	3	5
June 8	Willesen's News Depot	Marquette	Newspapers, etc.	2	1	3
May 28	Woolworth, F. W. Co.	Marquette	5 and 10 cent goods	1	9	10
Aug. 8	Workers' Cooperative Society	Marquette	Groceries	4		4
Aug. 21	Christenson, Peter	Michiganme	General merchandise	3		3
Aug. 21	Majhannu, F. W.	Michiganme	Dry goods and clothing	1	1	2
Aug. 21	Sundstrom, C. F.	Michiganme	General merchandise	2		2
June 23	Arneht Brothers	Negaunee	Drugs	3		3
June 21	Auno, Peter A.	Negaunee	Gents' furnishings	1		1
June 19	Braastad, F. & Co.	Negaunee	General merchandise	4	3	7
June 21	Barabe, Joseph	Negaunee	Groceries	3		3
June 23	Chiabotto, Felix	Negaunee	Groceries	2	1	3
June 22	Curley Brothers	Negaunee	Groceries	4		4
June 20	Dighera, Dominic	Negaunee	Groceries	2	1	3
June 23	Erickson, A.	Negaunee	Confectionery	2		2
June 23	Erickson, John	Negaunee	Groceries	3	1	4
June 19	Fennia Prescription Pharmacy	Negaunee	Drugs	1	1	2
June 21	Field, Oscar Estate	Negaunee	Clothing	2		2
June 20	Goudge, J. W.	Negaunee	5 and 10 cent goods	1	3	4
June 19	Haupt, George J.	Negaunee	Groceries	2		2
June 19	Hill, Charles	Negaunee	Groceries	2	2	4
June 21	Hub, The	Negaunee	Gents' clothing	2		2
June 22	Klein, Ernest M.	Negaunee	Dry goods	4	10	14
June 22	Levine Brothers	Negaunee	General merchandise	5	10	15
June 22	Lowenstein Department Store	Negaunee	Dry goods	3	6	9
June 20	Manning, John	Negaunee	Groceries	3		3
June 21	Mattson & Lukkarenen	Negaunee	Groceries	2		2
June 22	Michigan Gas & Electric Co.	Negaunee	Gas and electric supplies	2	1	3
June 23	Mitchell Brothers	Negaunee	Groceries	2	1	3
June 23	Monti, Mrs. Theresa	Negaunee	Confectionery		2	2
June 23	Negaunee Hardware & Furniture Store	Negaunee	Hardware and furniture	3		3
June 19	Ollila, John	Negaunee	Groceries	7	2	9
June 22	Perkins, J. M.	Negaunee	Drugs	2	1	3
June 22	Rasmussen, Peter	Negaunee	Dry goods	1	3	4
June 21	Salo, Jacob & Co.	Negaunee	Clothing	1	1	2
June 21	Sawbridge, J. H.	Negaunee	Hardware and furniture	4		4
June 20	Sher, L.	Negaunee	Dry goods	1	1	2
June 21	Tompkins' Pharmacy	Negaunee	Drugs	2		2
Aug. 17	Davidson's Department Store	Palmer	Dry goods	7	4	11
Aug. 20	Winter & Sues	Princeton	Provisions	3	1	4
<b>MASON COUNTY.</b>						
May 11	Reek Bros.	Fountain	Hardware	3		3
April 17	Bazaar, The	Ludington	5 and 10c merchandise	1		1
April 20	Brandt, Chas.	Ludington	Groceries	3		3
May 5	Cartier, A. E. Sons Co.	Ludington	General merchandise	10	6	16
April 20	Clark, F.	Ludington	Confectionery	1	2	3

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>MASON Co.—Con.</b>						
April 18	Drach, Adam Company, The	Ludington	Dry goods	3	7	10
April 18	Forsind, Chas.	Ludington	Shoes	3		3
April 20	Goodsell Hardware Co.	Ludington	Hardware	4		4
April 17	Gosling Grocery	Ludington	Groceries	5	1	6
April 18	Groening, G. & Sons	Ludington	Clothing and shoes	5	1	6
April 28	Kondelka & Cota	Ludington	General merchandise	5	1	6
April 18	Lunde Clothing Co.	Ludington	Clothing	2		2
April 18	Rye & Washatka Co.	Ludington	Dry goods	5	7	12
April 18	Sahlmark, Joe	Ludington	Drugs	4		4
April 17	Sherman, John A.	Ludington	Books, stationery, etc.	2	1	3
April 20	Taggart, J. N.	Ludington	Drugs and sundries	3		3
April 18	Thompson, Mrs. E. C.	Ludington	Confectionery		1	1
April 18	Tuttle, R. H.	Ludington	General merchandise	3	7	10
April 20	Wangen, O. J.	Ludington	Paints, wall paper, etc.	4		4
April 27	Waters Hardware Co.	Ludington	Hardware	5	1	6
April 20	Woolworth, F. W. Co.	Ludington	5 and 10c merchandise	2	6	8
May 15	Reader, F. J. & Sons	Scottville	Implements	4	1	5
May 15	Smith, T. D.	Scottville	Hardware and implements	4	1	5
<b>MECOSTA COUNTY.</b>						
April 9	Brown & Butts	Barryton	General merchandise	3		3
April 9	Farwell, John	Barryton	Hardware	2		2
April 9	Mahmstone & Phillips	Barryton	General merchandise	3		3
Mar. 29	Big Rapids Pharmacy	Big Rapids	Drugs	3		3
Mar. 30	Boston Store, The	Big Rapids	Dry goods and shoes	2	2	4
Mar. 26	Brack, Fred & Co.	Big Rapids	Groceries	3		3
Mar. 29	Carpenter, C. D.	Big Rapids	Dry goods, etc.	3	4	7
Mar. 3	Fairman's Drug Store	Big Rapids	Drugs	6	1	7
Mar. 30	Jensen, J. C. & Co.	Big Rapids	Dry goods and shoes	7	7	14
Mar. 30	Judson, C. P.	Big Rapids	Hardware	5	1	6
Mar. 27	Milner, Geo. W.	Big Rapids	Drugs, etc.	2		2
Mar. 26	Newcombe, E. C.	Big Rapids	Jewelry	3	2	5
Mar. 3	Osborne Mercantile Co.	Big Rapids	General merchandise	1	4	5
Mar. 29	Phillips, J. A.	Big Rapids	General merchandise	4	1	5
Mar. 29	Reynolds, W. A.	Big Rapids	Groceries	3	1	4
Mar. 26	Sanford Co., The	Big Rapids	General merchandise	10	4	14
Mar. 3	Sloes, W. J. & Son	Big Rapids	Implements	6		6
Mar. 30	Stillwell, W. A.	Big Rapids	Notions	3	5	8
Mar. 30	Truax & Zetterstedt	Big Rapids	Clothing	3		3
Mar. 3	Van Auker, Wm. R.	Big Rapids	Groceries	3	1	4
Mar. 3	Zeller, A. J.	Big Rapids	Groceries	3		3
April 10	Carmen, W. R.	Mecosta	Hardware	4		4
April 10	Bromley, E.	Mecosta	General merchandise	4	2	6
April 10	Rettinger, Eugene	Mecosta	General merchandise	2		2
April 11	Hunter, Frank A.	Morley	General merchandise	1	1	2
April 11	Morley Mercantile Co.	Morley	General merchandise	4	1	5
April 11	Steinke, F. F.	Morley	Groceries	2		2
April 10	Aldrich, L. S. & Son	Remus	General merchandise	1	1	2
April 10	Anderson-Percy Co.	Remus	General merchandise	2	1	3
April 10	Diehm Bros.	Remus	General merchandise	3	1	4
Mar. 4	Crane, Marvin D.	Stanwood	General merchandise	2	1	3
Mar. 4	Gogo, J. E.	Stanwood	General merchandise	2	2	4
Mar. 4	Schuster, C. F. & Co.	Stanwood	General merchandise	2	1	3
Mar. 4	Smith, E. L.	Stanwood	Hardware	2		2

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>MENOMINEE COUNTY.</b>						
Jan. 22	Daggett Mercantile Co.	Daggett	General merchandise	4	1	5
Jan. 23	Dunham, John & Son	Daggett	General merchandise	3	1	3
Jan. 23	Weng, L. E. & Son	Daggett	General merchandise	5	1	6
Jan. 23	Wisconsin Land & Lumber Co.	Hermansville	General merchandise	5	1	6
Jan. 23	Barker, E. A.	Ingalls	General merchandise	3	1	3
Jan. 23	Carley, Ira	Ingalls	General merchandise	4	1	5
Jan. 23	Dobess, L.	Ingalls	General merchandise	2	1	3
Jan. 23	Pelmar's Grocery	Menominee	Groceries	3	2	5
Jan. 23	Temple Shoe Store, The	Menominee	Shoes	3	1	4
Jan. 23	Simansky, I. & Son	Menominee	Men's furnishings	5	1	6
Jan. 23	Wilson-Henes Co.	Menominee	General merchandise	16	38	54
Jan. 22	Woodford & Bill Piano Co.	Menominee	Musical supplies	5	2	7
Jan. 23	Bradner, C. E.	Powers	General merchandise	4	1	5
Jan. 28	Schwelienbach, Henry	Spalding	General merchandise	2	1	3
Jan. 23	Demelle, Chas.	Stephenson	Hardware	1	1	1
Jan. 23	Lienna, Frank	Stephenson	Groceries	3	1	4
Jan. 23	Loth, Mrs. A. N.	Stephenson	5 and 10c merchandise	1	2	2
Jan. 23	Sawbridge's Pharmacy	Stephenson	Drugs	2	1	2
Jan. 23	Wekler, Louis	Stephenson	General merchandise	1	1	2
Jan. 23	Winter, W. B.	Stephenson	General merchandise	6	3	9
<b>MIDLAND COUNTY.</b>						
Oct. 23	Barrett, J. E.	Midland	Groceries	3	1	4
Oct. 22	Carter, B. H. & Co.	Midland	Dry goods	2	2	4
Oct. 22	Evens, Will	Midland	Notions	1	1	2
Oct. 22	Fleming-Barelay Grocery, Inc.	Midland	Groceries	9	3	12
Oct. 22	Gardner, E. L. Co.	Midland	General merchandise	2	5	7
Oct. 22	Gardner, W. H.	Midland	Jewelry	2	1	2
Oct. 23	Gibson Hardware Co.	Midland	Hardware	2	1	3
Oct. 22	Hubbard, W. A.	Midland	Drugs	1	1	1
Oct. 22	Kleine, Geo. & Co.	Midland	Dry goods	1	1	1
Oct. 22	Lewinstein, A. W.	Midland	Jewelry	1	1	1
Oct. 22	McCann & Sons	Midland	Men's furnishings	4	1	4
Oct. 22	Midland Grocery, The	Midland	Groceries	3	1	3
Oct. 22	Mode & Gordon	Midland	Men's clothing	3	1	3
Oct. 23	Nickles-Merts	Midland	General merchandise	1	6	7
Oct. 22	O'Brien, William P.	Midland	Wall paper and crockery	1	1	1
Oct. 22	Reardon & Beckwith Mercantile Co.	Midland	Dry goods	5	5	10
Oct. 22	Thompson & Winkler Co.	Midland	General merchandise	8	3	11
Oct. 22	Wensel & Stark	Midland	Hardware	5	1	6
<b>MISSAUKEE COUNTY.</b>						
Feb. 15	Mitchell Bros. Co.	Jennings	General merchandise	17	4	21
Feb. 15	Ardie Bros.	Lake City	General merchandise	5	2	7
Feb. 15	Bielby, R. M.	Lake City	Hardware	3	1	3
Feb. 15	Lake City Hardware Co.	Lake City	Hardware	3	1	4
Feb. 14	Ardie Bros.	McBain	General merchandise	1	1	2
Feb. 14	Hughston & Co.	McBain	General merchandise	3	1	4
Feb. 14	Stocker, C. D.	McBain	Clothing, etc.	2	1	2
<b>MONTCALM COUNTY.</b>						
June 8	Shook, A. N.	Coral	General merchandise	2	1	3
June 8	Woodall, Wm. J.	Coral	Drugs	2	1	2
June 18	Beardale, Don L.	Greenville	Farm implements	3	1	4
June 18	Bohrer, Z. C.	Greenville	General merchandise	1	3	4
June 18	Bradley's, Wm. Son	Greenville	Groceries	7	1	7



Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>MONTCALM Co.—Con.</b>						
June 20	Clark, E. S.	Greenville.	Dry goods.	4	4	8
June 11	Cowin, Ray S.	Greenville.	Clothing and shoes.	2		2
June 19	Edsall, P. D.	Greenville.	Books.	3		3
June 18	Eriksen, Erik A.	Greenville.	Groceries.	3		3
June 19	Gould's Drug Store.	Greenville.	Drugs.	2		2
June 20	Greenville Dry Goods Co., The.	Greenville.	Dry goods.	2	2	4
June 20	Hubbard & Fuller.	Greenville.	Drugs.	3		3
June 18	Jacobson's.	Greenville.	General merchandise.	6	11	17
June 20	Linquist, Francis O. Co.	Greenville.	Clothing.	3		3
June 11	Miller & Harris Furniture Co.	Greenville.	Furniture.	3		3
June 20	Philadelphia Candy Store, The.	Greenville.	Confectionery, etc.	1	1	2
June 12	Rensman, J. C.	Greenville.	Clothing, etc.	2		2
June 20	Slawson, W. W.	Greenville.	Drugs.	2		2
June 20	Temmink, J. H. & Co.	Greenville.	Hardware.	5		5
June 19	Van, Roy	Greenville.	Groceries.	3		3
June 11	Van Deine, Peter.	Greenville.	Drugs.	3		3
June 19	Van Wormer, J. E.	Greenville.	Groceries.	3	1	4
June 11	Winter, Claude L.	Greenville.	Hardware.	3	1	4
June 8	Bullock, Sid V.	Howard City.	Drugs.	2		2
June 8	Crittenden, Bert.	Howard City.	Groceries.	1	1	2
June 7	Engelman, Wm.	Howard City.	Clothing.	2		2
June 7	Henkel, Blaine.	Howard City.	Groceries.	2		2
June 7	Herold Bros.	Howard City.	Shoes, etc.	4		4
June 7	Jennings, R. S. Hardware Co.	Howard City.	Hardware.	3		3
June 7	Larry Hardware Co.	Howard City.	Hardware.	4		4
June 7	Philadelphia Candy Co.	Howard City.	Confectionery, etc.	1	1	2
June 7	Wilson, Glenn.	Howard City.	Groceries.	2		2
June 21	Gittleman, Sol & Louis Co., Inc.	Lakeview.	Clothing and dry goods.	2	2	4
June 21	Herron, E. A.	Lakeview.	Drugs.	3		3
June 21	Meach & White.	Lakeview.	Hardware, etc.	4	1	5
June 22	Youngman, N. H. & Sons.	Lakeview.	Hardware and furniture.	4		4
June 9	Christiansen, John.	Trufant.	General merchandise.	3		3
June 9	Madsen, John.	Trufant.	Drugs.	2		2
June 9	Nielsen, N. P.	Trufant.	Farm implements.	2		2
<b>MONTMORENCY COUNTY.</b>						
Aug. 15	Gorman, Mrs. J. A.	Hillman.	Groceries.		1	1
Aug. 15	Jackson, R. T.	Hillman.	Groceries.	1		1
Aug. 15	Mendelson, A.	Hillman.	General merchandise.	5		5
Aug. 15	Naylor, Thos. & Son.	Hillman.	Hardware.	2		2
Aug. 15	Phillips, M.	Hillman.	Drugs.	1	1	2
Aug. 15	Rea, Austin.	Hillman.	Hardware.	1		1
<b>MONROE COUNTY.</b>						
Nov. 20	Duvall, M. D.	Monroe.	Groceries.	3		3
Nov. 20	Finsel, Gus, W. A.	Monroe.	Hardware.	7	1	8
Nov. 20	Fix, John B. & Son.	Monroe.	Farm implements.	2		2
Nov. 20	Gekle & Martin.	Monroe.	Hardware.	8		8
Nov. 20	Hagens Drug Co.	Monroe.	Drugs.	3	9	12
Nov. 20	Herrmann, Geo.	Monroe.	Groceries.	3	1	4
Nov. 19	Hoffman & Dozmer.	Monroe.	Cigars.	5		5
Nov. 19	Hubble Bros.	Monroe.	Musical supplies.	2	1	3
Nov. 20	Hutchins, H. & Co.	Monroe.	5 and 10c merchandise.	2	8	10
Nov. 20	Lauer, Ed. J. G.	Monroe.	Dry goods.	8	9	17
Nov. 20	Mann & Westlake.	Monroe.	Musical supplies.	2	1	3
Nov. 20	Martin Shoe House.	Monroe.	Shoes.	4		4
Nov. 19	Meier, Frederic.	Monroe.	Stationery, etc.	4	1	5
Nov. 20	Melonakoo, Chas.	Monroe.	Confectionery.	4		4

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
MONROE Co.—Con.						
Nov. 20	Monroe Implement & Tractor Co.	Monroe	Farm implements	2		2
Nov. 19	Nadeau, M. J.	Monroe	Groceries	5		5
Nov. 19	Rupp-Humphrey & Huber Co.	Monroe	Furniture	4		4
Nov. 19	Schmidt, W. F.	Monroe	Dry goods	3	3	6
MUSKEGON COUNTY,						
Dec. 3	Bearss, E. E.	Bailey	General merchandise	1	1	2
Dec. 3	Seaman, Geo. E.	Bailey	General merchandise	1	2	3
Dec. 3	Storey, E. G.	Bailey	Hardware	2		2
Nov. 16	Burley, Geo. E.	Casnovia	General merchandise	2		2
Nov. 16	Eastlow & Reed	Casnovia	Hardware	2		2
Dec. 3	Gold, C. L.	Casnovia	Drugs	1		1
Nov. 20	Harris, William & Co.	Casnovia	General merchandise	1		1
Nov. 16	Hutson, Joseph	Casnovia	General merchandise	1		1
Nov. 16	Kuyers-Longwood Co.	Casnovia	General merchandise	1	1	2
Nov. 16	Rowland, C. H.	Casnovia	Furniture and hardware	1		1
Nov. 20	Thomas, C. F. & Co.	Casnovia	General merchandise	1	1	2
Nov. 16	Webb, E. A.	Casnovia	Drugs	1		1
Nov. 25	Bowen, C. T.	Egelston	Groceries	1	1	2
Nov. 26	Rahn, Robert	Egelston	Tobacco and cigars	1	1	2
Nov. 26	Van Buskirk, G. W.	Egelston	Groceries	1	1	2
Nov. 7	Beerman's Music House	Muskegon	Musical supplies	5	4	9
Nov. 8	Bither, J. J.	Muskegon	Crockery and china	2	1	3
Nov. 6	Boyd's Book & Stationery Store	Muskegon	Stationery, etc.	3	6	9
Nov. 7	Brundage Drug Co.	Muskegon	Drugs	9	8	17
Oct. 6	Central Drug Store Co.	Muskegon	Drugs and sodas	5	4	9
Nov. 7	Chase-Hackley Piano Co.	Muskegon	Pianos, etc.	3	2	5
Oct. 6	Christie, D. Estate.	Muskegon	Groceries	16	5	21
Nov. 7	Daniel's Book Shop	Muskegon	Books	1	1	2
Nov. 5	Detroit Cash & Credit Co.	Muskegon	Clothing	3	2	5
Nov. 7	Dratz, J. George Co.	Muskegon	General merchandise	10	53	63
Nov. 7	Gillard, Richard C. Co.	Muskegon	Candies	1	6	7
Nov. 8	Grossman Bros	Muskegon	Dry goods	2	17	19
Nov. 6	Gudelsky, I. & Son.	Muskegon	General merchandise	8	2	10
Nov. 7	Hankow Tea Co.	Muskegon	Teas and coffees	1	1	2
Nov. 6	Hardy, Wm. D. & Co.	Muskegon	General merchandise	12	44	56
Nov. 6	Huizenga, Geo. H. & Co.	Muskegon	Jewelry	1	1	2
Nov. 6	Independent 5 and 10c Store	Muskegon	5 and 10c merchandise	2	14	16
Oct. 7	Jackson Clothing House	Muskegon	Clothing	16	3	19
Nov. 6	Jacobs, David	Muskegon	Jewelry	1	4	5
Nov. 7	King Clothing Co.	Muskegon	Clothing	5	2	7
Nov. 6	Kresge, S. S. Co.	Muskegon	5 and 10c merchandise	4	31	35
Nov. 7	Krauthaim, A.	Muskegon	Jewelry	3	1	4
Nov. 8	Kuizenga & Whipple	Muskegon	Books	1	1	2
Nov. 6	Leahy Company	Muskegon	Dry goods, etc.	8	28	36
Nov. 5	Man from Michigan, The	Muskegon	Clothing	3	2	5
Nov. 7	Markus Co.	Muskegon	Ladies' garments	3	6	9
Nov. 7	Mueller, F.	Muskegon	Jewelry	3	3	6
Oct. 6	Neumeister & Schultz	Muskegon	Shoes	6		6
Nov. 8	Occidental Candy Shop	Muskegon	Confectionery	3	2	5
Nov. 6	Panyard, G. V. & Co.	Muskegon	Pictures	25	1	26
Nov. 6	Peoples' Credit Clothing Co.	Muskegon	Clothing	3	4	7
Nov. 7	People's Hardware Co.	Muskegon	Hardware	11	2	13
Nov. 7	Red Front Store	Muskegon	Groceries	5	4	9
Nov. 6	Riordan, J. Co.	Muskegon	Dry goods	4	19	23
Oct. 6	Rosen Bros	Muskegon	Clothing	11	1	12
Nov. 5	R. & W. Shoe Co., The	Muskegon	Shoes	5	4	9
Nov. 5	St. Marie, A. S.	Muskegon	Jewelry	1	1	2
Nov. 6	Sanford Drug Co.	Muskegon	Drugs	2	1	3
Nov. 7	Singer Sewing Machine Co.	Muskegon	Sewing machines	5	2	7
Oct. 6	Square, The	Muskegon	Clothing	8	3	11

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>MUSKEGON Co.—Con.</b>						
Nov. 6	Style Shop, The	Muskegon	Ladies' garments	3	6	9
Oct. 6	Torbeson Drug Co.	Muskegon	Drugs	3	1	4
Nov. 7	Tower Clothiers, The	Muskegon	Clothing	7	1	8
Oct. 7	Tower Shoers, The	Muskegon	Shoes	7	2	9
Nov. 6	Towner Hardware Co.	Muskegon	Hardware	24	4	28
Oct. 7	Vanderlinde, N. G.	Muskegon	Furniture	10		10
Nov. 6	Vanderwerp, J. D.	Muskegon	Furniture	3	1	4
Nov. 7	Wasserman, L.	Muskegon	Flowers	1	3	4
Nov. 7	White Sewing Machine Co.	Muskegon	Sewing machines	2	1	3
Nov. 6	Woolworth, F. W. Co.	Muskegon	5 and 10c merchandise	1	16	17
Nov. 12	Alberts, C. E.	Ravenna	General merchandise	2	1	3
Nov. 12	Bartholomew, E.	Ravenna	General hardware	2		2
Nov. 12	Conklin, Oscar A.	Ravenna	General merchandise	1		1
Nov. 12	Eason, Geo. E.	Ravenna	General merchandise	1		1
Nov. 12	Plamp & Treutelaar	Ravenna	Jewelry	1		1
Nov. 12	Ravenna Supply Co.	Ravenna	Groceries, etc.	1	1	2
Nov. 12	Rogers, A.	Ravenna	Drugs	1		1
Nov. 12	Robertson, W. W.	Ravenna	Shoes and groceries	1		1
Nov. 12	Starks, H. C. & Son	Ravenna	General merchandise	2	1	3
Nov. 11	Thatcher, F. E. & Son	Ravenna	Drugs and groceries	2	1	3
Oct. 18	Conklin, John S.	Sullivan	Hardware	1		1
Oct. 18	Sheringer, Fred.	Sullivan	General merchandise	2	1	3
<b>NEWAYGO COUNTY.</b>						
June 21	Cash Variety Store	Fremont	Dry goods and notions	1	1	2
June 21	Pearson, W. W.	Fremont	Dry goods	2	5	7
June 21	Pikaart Bros.	Fremont	General merchandise	2	4	6
June 21	Puff, I. D.	Fremont	Hardware	4	1	5
June 21	Raider, Geo. B.	Fremont	Hardware	2		2
June 21	Reber Bros.	Fremont	General dry goods	3	3	6
June 21	Vanderwerp, R.	Fremont	Men's furnishings	3		3
<b>OAKLAND COUNTY.</b>						
Sept. 15	Baker, Clara	Birmingham	Notions	1	1	2
Sept. 14	Baxter, H. W.	Birmingham	Jewelry	1		1
Sept. 14	Birmingham Department Store	Birmingham	General merchandise	2	1	3
Sept. 14	Birmingham Grocery, The	Birmingham	Groceries	4	2	6
Sept. 15	Birmingham Hardware, The	Birmingham	Hardware	3		3
Sept. 14	Chambers, H. S.	Birmingham	Men's furnishings	1		1
Sept. 15	Cobb, James W.	Birmingham	Drugs	4	1	5
Sept. 14	Daines & Bell	Birmingham	Furniture	3		3
Sept. 14	Field, H. G. Construction Co.	Birmingham	Hardware, paints, etc.	53	1	54
Sept. 14	Huston Hardware Co.	Birmingham	Hardware	3		3
Sept. 15	Miner Grocery Co.	Birmingham	Groceries	6	2	8
Sept. 15	Shain, Chas. J.	Birmingham	Drugs	4	1	5
Sept. 14	Smith, C. F. & Co.	Birmingham	Groceries	5		5
Sept. 14	Uptegraff, W. H.	Birmingham	Groceries	3	1	4
Sept. 15	Walker, Elmer and W. G. McBride	Birmingham	Groceries	2		2
Sept. 14	Young, Fred L.	Birmingham	Shoes	2		2
Sept. 13	Cook, Fred L. & Co.	Farmington	General merchandise	8	1	9
Sept. 13	Grace, E. C.	Farmington	General merchandise	2	1	3
Sept. 13	McGee, T. H.	Farmington	Drugs	1	1	2
Sept. 13	Smith, C. F.	Farmington	Groceries	3	1	4
Sept. 10	Leary, S. A.	New Hudson	General merchandise	3		3
Sept. 12	Goodell, C. E.	Novi	General merchandise	2		2
Sept. 12	Moeren, M. J.	Novi	General merchandise	1		1
Sept. 12	Walter, Claud H.	Novi	Groceries	2		2
Oct. 17	Groom Candy Store	Pontiac	Confectionery	2	1	3

## DEPARTMENT OF LABOR.

*Inspection of stores.—Continued.*

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>OAKLAND Co.—Con.</b>						
Sept. 26	Haddad, Michael	Pontiac	Confectionery	2	2	4
Oct. 9	Stewart's Sweet Shop	Pontiac	Confectionery	2	1	3
Oct. 25	Crisman's Pharmacy	Rochester	Drugs	3		3
Oct. 26	Fink Bros	Rochester	Hardware	2		2
Sept. 24	Bowden & Martin	Royal Oak	Dry goods	2	2	4
Sept. 21	Chandler, C. B.	Royal Oak	Hardware	1		1
Sept. 20	Knaggs, D. A.	Royal Oak	Groceries	2	2	4
Sept. 19	LaLonde, Mrs. W. S.	Royal Oak	Groceries and shoes	2	1	3
Sept. 20	Smith-Crampton Co.	Royal Oak	Hardware	3	1	4
Sept. 24	Trempler, R.	Royal Oak	Groceries	1	1	2
Sept. 11	Calkins, E. M.	South Lyon	Dry goods and groceries	2	1	3
Sept. 10	Dunlap, Thomas	South Lyon	Drugs	1		1
Sept. 11	Giddings, G. R.	South Lyon	General hardware	2		2
Sept. 10	Hamilton, G. D.	South Lyon	Jewelry	1	1	2
Sept. 11	Holloway, A. E.	South Lyon	Groceries	2	1	3
Sept. 10	Kalmbach & Glenan	South Lyon	General merchandise	2	1	3
Sept. 10	Richardson, H. L.	South Lyon	Furniture	1		1
Sept. 10	Stanbro & Smith	South Lyon	General hardware	2		2
Sept. 11	Stevens, H. C.	South Lyon	Drugs, etc.	1	1	2
Sept. 11	Wallace, E. D.	South Lyon	Groceries	2		2
Sept. 10	Yetaka, F. W.	South Lyon	Groceries	2		2
Sept. 10	Hoyt, W. R.	Walled Lake	Groceries	2		2
Sept. 11	Parmenter, Fred A.	Walled Lake	Groceries	2		2
Sept. 11	Chambers Bros.	Wixom	General hardware	2		2
Sept. 11	Wixom Cooperative Association	Wixom	General merchandise	1	2	3
<b>OCEANA COUNTY.</b>						
June 8	DeKruyter, James	New Era	General merchandise	2	1	3
June 9	Westing, John & Co.	New Era	General merchandise	3	2	5
June 9	Wickerink, J. G.	New Era	General merchandise	2	1	3
May 21	Sands & Maxwell Lumber Co.	Pentwater	General merchandise	9	3	12
<b>OGEMAW COUNTY.</b>						
Aug. 9	Rakestraw & Son	Lupton	Dry goods	2		2
Aug. 9	Reid, A.	Lupton	Hardware and groceries	2		2
Aug. 9	Spofford, R. J.	Lupton	Drugs	1		1
Aug. 9	Campbell, W. R.	Prescott	General merchandise	2		2
Aug. 9	Eymer Co., The	Prescott	Hardware	1		1
Aug. 9	Mallory & Common	Prescott	Groceries	2		2
Aug. 9	Stoutenburg, Mrs. D. A.	Prescott	Dry goods		1	1
Aug. 9	Stouberg, S. N. & Co.	Prescott	General merchandise	3	1	4
Aug. 9	Hoffman, F.	Rose City	Dry goods	1		1
Aug. 9	Karcher, H. S. & Son	Rose City	Drugs	2		2
Aug. 9	Parker, Duane	Rose City	Notions	1		1
Aug. 9	Stark, W. H. & Son	Rose City	General merchandise	3	1	4
Aug. 9	Winniger, W. A.	Rose City	Hardware and furniture	1		1
Aug. 15	Alt, John T.	West Branch	Clothing	2		2
Aug. 15	Blumenthal, B.	West Branch	Dry goods	1		1
Aug. 15	Blumenthal, Phillip	West Branch	Dry goods	1	1	2
Aug. 15	Etey & Nauman	West Branch	Groceries	4		4
Aug. 15	Irons, Archie C.	West Branch	General merchandise	2		2
Aug. 15	McGowan, Ed. H.	West Branch	Hardware	2		2
Aug. 15	Merril, H. G.	West Branch	Novelties	1		1
Aug. 15	Neilson, A. C.	West Branch	Groceries	5		5
Aug. 15	Parliament, Burt	West Branch	Drugs	2		2
Aug. 15	Sargent, J. T. & Son	West Branch	Hardware	2		2
Aug. 15	Steuernol Bros	West Branch	Furniture	2		2
Aug. 15	Wynne, J. T.	West Branch	Groceries	2		2

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>ONTONAGON COUNTY.</b>						
Nov. 22	Lake Store Co.	Lake Mine.	General merchandise	3	3	6
Nov. 22	Brown, C. H.	Mass.	Confectionery, etc.	1	1	2
Nov. 22	Huttu, Chas.	Mass.	General merchandise	3	1	4
Nov. 22	Kermu, John	Mass.	General merchandise	1	1	2
Nov. 22	Kyllonen, Matt	Mass.	Groceries	7	1	8
Nov. 22	Maloney, Lawrence J. & Co.	Mass.	Dry goods	2	1	3
Nov. 22	Martinen, David	Mass.	Groceries	1	1	2
Nov. 22	Mass Cooperative Co.	Mass.	General merchandise	5	2	7
Nov. 22	Mass Drug Store	Mass.	Drugs	1	2	3
Nov. 22	Nara Bros. & Pfeifer	Mass.	General merchandise	6	2	8
Nov. 22	Orenstein, W.	Mass.	General merchandise	1	2	3
Nov. 17	Eichen, Chas. F.	Ontonagon.	Dry goods and clothing	1	1	2
Nov. 16	Emmona, C. H.	Ontonagon.	Groceries	1	1	2
Nov. 17	Donnelly, J. P. & Co.	Ontonagon.	General merchandise	4	2	6
Nov. 17	Gunsolley, J. D.	Ontonagon.	Dry goods	1	1	2
Nov. 19	Halter & LeMoine	Ontonagon.	General merchandise	4	0	4
Nov. 17	Levine, Harris	Ontonagon.	Jewelry	2	0	2
Nov. 17	Marley's Variety Store	Ontonagon.	Confectionery and tobacco	1	1	2
Nov. 17	Muskatt's Department Store	Ontonagon.	Dry goods and clothing	2	2	4
Nov. 17	Ostrand's Drug Store	Ontonagon.	Drugs	1	1	2
Nov. 17	Power's, H. M. Pharmacy	Ontonagon.	Drugs	1	0	1
Nov. 17	Rosen, Casper	Ontonagon.	Groceries	2	0	2
Nov. 17	Salter, W. G.	Ontonagon.	Groceries	1	1	2
Nov. 17	Woodbury, E. O.	Ontonagon.	Groceries	2	1	3
Nov. 20	Frederickson, C. J. Estate	Rockland.	General merchandise	3	2	5
Nov. 20	Hibbard's Pharmacy	Rockland.	Drugs	1	2	3
Nov. 20	Karben, George	Rockland.	General merchandise	1	1	2
Nov. 20	Lundquist, Alfred	Rockland.	General merchandise	1	1	2
Nov. 21	Schmidlin, Chas. J.	Rockland.	Men's furnishings	1	0	1
Nov. 21	Victoria Mine Store	Victoria Mine.	General merchandise	4	0	4
Nov. 20	Goodell & Wessels	White Pine Mine.	General merchandise	6	1	7
<b>OSCEOLA COUNTY.</b>						
Nov. 7	Andrus, Geo. F.	Ewart.	Dry goods	2	0	2
Nov. 7	Bruce, G. N.	Ewart.	Drugs, etc.	2	0	2
Nov. 7	Davy & Company	Ewart.	General merchandise	17	6	23
Nov. 7	Ewart Drug Co.	Ewart.	Drugs	3	0	3
Nov. 7	Fleming Shoe Co.	Ewart.	Shoes	2	0	2
Nov. 7	McGowan Hardware Co., The	Ewart.	Hardware	2	0	2
Nov. 7	Percival, W. J.	Ewart.	General merchandise	1	1	2
Nov. 7	Roe, Judson W.	Ewart.	Shoes, etc.	3	0	3
Nov. 7	Robinson, L. R.	Ewart.	Jewelry	1	0	1
Nov. 7	Sandberg & Allison	Ewart.	Implements	4	0	4
Nov. 7	Spano, Mike	Ewart.	Confectionery	1	0	1
Nov. 7	Turner & McLachlan	Ewart.	Groceries	5	1	6
Nov. 7	Wilson, G. B. Co.	Ewart.	Furniture	2	0	2
Nov. 7	Coakley Hardware Co.	Hersey.	Hardware	3	0	3
Nov. 7	Delsell, J. T.	Hersey.	Drugs	1	0	1
Nov. 7	Hintze, H. & Willis	Hersey.	General merchandise	2	0	2
Nov. 13	Conklin Drug Co., The	Marion	Drugs	1	0	1
Nov. 13	Corwin, A. H.	Marion	General merchandise	2	2	4
Nov. 13	Dryer, A. L.	Marion	General merchandise	2	1	3
Nov. 13	Johnson, J. A.	Marion	Jewelry	1	0	1
Nov. 13	LaGoe, H. H.	Marion	Confectionery	1	1	2
Nov. 13	Lowry Bros.	Marion	Groceries	4	1	5
Nov. 13	Pushinsky, R. A.	Marion	Clothing and furniture	1	0	1
Nov. 13	Piper Store, The	Marion	General merchandise	2	0	2
Nov. 13	Struble Hardware Co.	Marion	Hardware	2	0	2

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>OSCEOLA Co.—Con.</b>						
Nov. 13	White, F. M.	Marion	General merchandise	2		2
Nov. 8	Carrow, William E.	Reed City	Furniture	3		3
Nov. 8	Gerhardt, Gideon S.	Reed City	Shoes, etc.	2		2
Nov. 8	Gingrich, G. J.	Reed City	Groceries	1	1	2
Nov. 8	Hawkins, H. W.	Reed City	Dry goods and shoes	2	1	3
Nov. 8	Hemund & Gingrich	Reed City	Hardware	2		2
Nov. 8	Jacobson, Ben.	Reed City	General merchandise	2	2	4
Nov. 8	Johnson, Sam. T.	Reed City	Groceries	5	1	6
Nov. 8	Niergarth, H. R.	Reed City	Dry goods	1	1	2
Nov. 8	Norman, L. H.	Reed City	Jewelry	1		1
Nov. 8	Patterson, J. W.	Reed City	Clothing	3		3
Nov. 8	Perna, Bruno.	Reed City	Candy and fruits	1		1
Nov. 8	Riggs, Luther	Reed City	Jewelry	1		1
Nov. 8	Riggs, W. T.	Reed City	Notions	2	2	4
Nov. 8	Schmidt, Theodore	Reed City	Implements	3		3
Nov. 8	Schack, Simon	Reed City	General merchandise	2	1	3
Nov. 8	Strong Bros.	Reed City	Drugs	3		3
<b>OTSEGO COUNTY.</b>						
Nov. 23	Burdo, S. J. & Co.	Elmira	General merchandise	2	1	3
Nov. 23	Petroski, John	Elmira	General merchandise	2		2
Nov. 23	Weaver, Wm. & Son	Elmira	Hardware	2		2
Sept. 21	Brodie & Qua	Gaylord	Hardware	3		3
Sept. 20	Cook Bros.	Gaylord	Clothing, etc.	2	3	5
Sept. 20	Csaprán, F. J.	Gaylord	Dry goods, etc.	1	1	2
Sept. 18	Ford & Ford	Gaylord	Drugs, etc.	1		1
Sept. 18	Gaylord Hardware Co.	Gaylord	Hardware	2	1	3
Sept. 21	Guggisberg Bros.	Gaylord	Hardware	3		3
Sept. 18	Haight, Chas.	Gaylord	Hardware	2		2
Sept. 20	Jameson, S. M.	Gaylord	Groceries	3	1	4
Sept. 18	Kinnee Harness Co.	Gaylord	Harness and shoes	1		1
Sept. 21	Kwapis, Stanley	Gaylord	Groceries	1	2	3
Sept. 18	Leonard, F. C.	Gaylord	Groceries	2		2
Sept. 18	Walker, F. S. & Son Co.	Gaylord	Furniture	2		2
Sept. 21	Johannesburg Mfg. Co., The	Johannesburg	Groceries and general merchandise	3		3
Sept. 21	Nelson, W. C.	Johannesburg	Drugs	2		2
Nov. 17	Kahn Bros.	Vanderbilt	Dry goods and shoes	1	1	2
Nov. 17	Sly, D. M. Estate	Vanderbilt	General merchandise	2		2
Nov. 17	Yuill Bros.	Vanderbilt	General merchandise	4	1	5
<b>OTTAWA COUNTY.</b>						
Oct. 25	Boot, P.	Holland	Groceries	1	1	2
Oct. 26	Boter, P. S. & Co.	Holland	Clothing	9	1	10
Oct. 26	Brink, Henry R.	Holland	Books	2	2	4
Oct. 25	Brouwer, Jas. A. Co.	Holland	Furniture, etc.	7		7
Oct. 26	DePree Hardware Co.	Holland	Hardware	5	1	6
Oct. 26	DeVries & Dornbos	Holland	Furniture	4	1	5
Oct. 26	Du Mes Bros.	Holland	Dry goods	7	18	25
Oct. 26	French Cloak Store	Holland	Cloaks and suits	1	4	5
Oct. 25	Hankow Tea Co.	Holland	Teas and coffees	1	1	2
Oct. 25	Holland Candy Kitchen	Holland	Confectionery	1	2	3
Oct. 25	Huyser Co.	Holland	Hats	1	4	5
Oct. 25	K. & B. Hat Shop	Holland	Hats		4	4
Oct. 26	Lokker-Rutgers Co., The	Holland	Clothing	12	1	13
Oct. 26	Meyer's Music House	Holland	Musical supplies	4	1	5
Oct. 26	Nies', John Sons Hardware Co.	Holland	Hardware	4		4

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>OTTAWA Co.—Con.</b>						
Oct. 25	Peters, A.	Holland	5 and 10c merchandise	2	6	8
Oct. 26	Quality Candy Shop, The	Holland	Confectionery	1	2	3
Oct. 25	Rose Cloak Store	Holland	Clothing	1	1	2
Oct. 26	Slagh, Bert	Holland	Paints, wall paper, etc.	4	1	4
Oct. 26	Steketee, A. & Sons	Holland	Dry goods	2	6	8
Oct. 25	Steketee, B.	Holland	Dry goods and groceries	3	3	6
Oct. 26	Van Ark Furniture Co.	Holland	Furniture	6	1	7
Oct. 26	Vandershuis, John	Holland	Dry goods	1	2	3
Oct. 25	Van Putten, G.	Holland	Dry goods	4	3	7
Oct. 26	Vereeke-Sierma Hardware Co.	Holland	Hardware	4	1	5
Oct. 26	Woolworth, F. W. Co.	Holland	5 and 10c merchandise	1	13	14
<b>PRESQUE ISLE COUNTY.</b>						
Oct. 30	Groseman, A. W.	Hawks	General merchandise	1	1	2
Oct. 30	Selke, Albert	Hawks	General merchandise	1	1	2
Oct. 31	Hawks, F. E.	Millersburg	Hardware	2	1	2
Oct. 31	Kroening, Mrs. D. A.	Millersburg	General merchandise	1	1	2
Oct. 31	Mills, F. B.	Millersburg	General merchandise	2	1	2
Aug. 23	Abott, L.	Onaway	Furniture	1	1	2
Aug. 24	Annibal, E. J. Co.	Onaway	Groceries	4	1	5
Aug. 24	Babel, C. W.	Onaway	Drugs	1	1	2
Aug. 23	Berlin, Jacob	Onaway	Clothing and dry goods	1	1	2
Aug. 25	Doie, Adolph	Onaway	Clothing and shoes	1	1	2
Nov. 1	Gagie, Peter	Onaway	Groceries and shoes	2	1	3
Aug. 22	Gregg, Will B.	Onaway	Shoes, etc.	2	1	2
Aug. 22	Gum's Department Store	Onaway	General merchandise	7	4	11
Aug. 25	Harman Bros.	Onaway	Grain and feed	3	1	3
Aug. 25	Howard, William	Onaway	Junk	1	1	2
Aug. 25	Lipshied, Henry	Onaway	Clothing and dry goods	2	2	4
Aug. 22	Mahoney Bros.	Onaway	Hardware	2	1	2
Aug. 25	Steele, O & Co	Onaway	Groceries, etc.	5	1	6
Aug. 23	Thompson, Mark	Onaway	Groceries	2	1	3
Aug. 24	Warnock, Joseph	Onaway	Dry goods and groceries	1	3	4
Aug. 21	Smith, Joseph & Co.	Posen	General merchandise	3	1	4
Aug. 20	Flemming, F. H.	Rogers City	Hardware	2	2	4
Aug. 21	Glaser, Max	Rogers City	Clothing, etc.	2	1	3
Aug. 20	Hoef's Department Store	Rogers City	Dry goods, etc.	3	3	6
Aug. 20	Lehndorff, A. F. & Son	Rogers City	Hardware, etc.	2	1	3
Aug. 21	O'Gallaghan Bros.	Rogers City	Drugs	2	1	2
<b>ROSCOMMON COUNTY.</b>						
Aug. 14	Curnalia, W. E.	Roscommon	Hardware	1	1	2
Aug. 14	Loughray, John T.	Roscommon	General merchandise	1	1	2
Aug. 14	McCredie, H. E.	Roscommon	General merchandise	1	1	2
Aug. 14	Price, Andrew J.	Roscommon	General merchandise	5	1	5
Aug. 14	Rutledge Bros.	Roscommon	Hardware	3	1	3
<b>SAGINAW COUNTY.</b>						
Aug. 29	Adams, C. F. Co.	Saginaw	Home furnishings	2	2	4
Aug. 29	Anderson, J. E.	Saginaw	Books	1	2	3
Aug. 22	Barne, Wm. Dry Goods Co., The	Saginaw	General merchandise	40	85	125
Aug. 24	Bernhardt & Janke Co.	Saginaw	Hardware	4	1	5
Oct. 13	Bornmarito, Sam	Saginaw	Fruits	3	1	3
Aug. 21	Boston Variety Store	Saginaw	Novelties	1	10	11
Aug. 22	Bruske, G. W.	Saginaw	Hardware	9	1	10
Aug. 21	Feldman, J. J.	Saginaw	Gloves, hosiery, etc.	1	2	3
Aug. 22	Ferris Bros.	Saginaw	Ladies' apparel	2	2	4
Aug. 29	Fox, Adolph F.	Saginaw	Carpets and rugs	4	3	7

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>SAGINAW Co.—Con.</b>						
Aug. 22	Frueh, Chas. & Sons	Saginaw	Flowers	7	2	9
Aug. 20	Gately Co., The	Saginaw	Clothing	6	10	16
Aug. 20	Hankow Tea Store	Saginaw	Teas and coffees	1	2	3
Aug. 20	Heagany-Treanor	Saginaw	Furniture and clothing	4	4	4
Sept. 8	Heavenrich Bros. & Co.	Saginaw	Clothing	28	4	32
Aug. 29	Hickey, D. E. & Co.	Saginaw	Women's wear	1		1
Dec. 18	Hubinger, L. B.	Saginaw	General merchandise	5	1	6
Aug. 28	Ippel, J. W. Co., The	Saginaw	Dry goods	10	15	25
Aug. 24	Ittner, Ph.	Saginaw	Dry goods	2	7	9
Aug. 20	Menter Co., The	Saginaw	Women's wear	2	3	5
Aug. 22	Mercer & Co.	Saginaw	Clothing	7	1	8
Aug. 24	Miller, W. H.	Saginaw	Dry goods, etc.	1	2	3
Aug. 21	Murray, M. C.	Saginaw	Dry goods	6	20	26
Aug. 24	Murphy & O'Hara	Saginaw	Furniture	8	2	10
Aug. 22	People's Bargain Store	Saginaw	General merchandise	3	6	9
Aug. 24	Phillippe's, A. D.	Saginaw	Dry goods	5	8	13
Oct. 5	Piowaty, M. & Sons	Saginaw	Fruits, etc.	7	2	9
Aug. 24	Popp & Wolf Hardware Co.	Saginaw	Hardware	15	3	18
Aug. 22	Rich & Co.	Saginaw	General merchandise	3	1	4
Aug. 22	Schmelsier, John	Saginaw	Furniture	17	2	19
Aug. 24	Schneerrmann, H. B. & Co.	Saginaw	Ladies' garments	2	8	10
Aug. 23	Schwemer & Witt	Saginaw	Dry goods	4	2	6
Aug. 23	Seitner Bros.	Saginaw	Clothing	20	46	66
Aug. 23	Sobel Bros.	Saginaw	Ladies' apparel		8	8
Oct. 5	Spagnuolo, F.	Saginaw	Fruits, etc.	5		5
Aug. 23	Style Shop, The	Saginaw	Women's apparel	3	10	13
Aug. 29	Swinton & Co.	Saginaw	Books	2	2	4
Aug. 24	Tanner, M. W. Co., The	Saginaw	General merchandise	27	78	105
Aug. 21	Watson, H. & Co.	Saginaw	Crockery and glassware	7	4	11
Aug. 22	Wichmann, Wm. C.	Saginaw	General merchandise	9	19	28
Aug. 22	Woolworth, F. W. Co.	Saginaw	5 and 10c merchandise	6	38	44
Aug. 30	World's Star Knitting Co.	Saginaw	Knit goods and hosiery	1	2	3
<b>ST. CLAIR COUNTY.</b>						
Sept. 5	Gilbert, J. W.	Algonac	Groceries	3	3	6
Sept. 5	Johnson, D. W.	Algonac	Groceries	2	1	3
Sept. 5	Lieberman & Kann	Algonac	Dry goods and clothing	2	3	5
Sept. 5	Wallace Hardware Co.	Algonac	Hardware	5	1	6
Sept. 14	Blaine Cooperative Co.	Blaine	General merchandise	1	2	3
Oct. 15	Bolton, R. E.	Capac	Drugs	2		2
Oct. 15	Buckler & Mitchell	Capac	Drugs	3		3
Oct. 15	Lang Bros.	Capac	Implements and wagons	2		2
Oct. 15	Lester Store, The	Capac	General merchandise	2	1	3
Oct. 15	Rathsburg & Bower	Capac	Furniture, etc.	1	1	2
Sept. 12	Fitz, L. H.	Lamb's	Hardware, etc.	2		2
Sept. 12	Griffith, William	Lamb's	General merchandise	1	1	2
Aug. 31	Becker Bros.	Marine City	General merchandise	3	3	6
Sept. 5	Miller, Jos.	Marine City	Dry goods	2	2	4
Sept. 4	Scott Bros.	Marine City	Hardware	7		7
Sept. 5	Zimmermann Bros.	Marine City	Hardware	4	1	5
Sept. 13	Streeter & Co.	Memphis	General merchandise	3	2	5
Aug. 2	Ballentine Dry Goods Co., The	Port Huron	Dry goods, etc.	8	33	41
July 26	Bean, John B.	Port Huron	Groceries and provisions	6		6
Aug. 3	Beard, Campbell & Co.	Port Huron	Hardware	19	3	22
Aug. 12	Bell, John J.	Port Huron	Pianos, etc.	2	2	4
Aug. 7	Boyce Hardware Co.	Port Huron	Hardware	9	2	11
Aug. 3	Brennan Furniture Co., The	Port Huron	Furniture	6	1	7
Aug. 2	Bricker, Chester E.	Port Huron	Drugs	6		6
Aug. 28	Bush & Lane Piano Co.	Port Huron	Pianos, etc.	3	2	5



Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
ST. CLAIR CO.—Con.						
July 30	Canham, William & Son	Port Huron	Groceries	13	2	15
Aug. 13	Casello, J. & Son	Port Huron	Fruits, etc.	2	1	3
Aug. 1	Central Drug Store	Port Huron	Drugs, etc.	1	1	2
Aug. 8	Davidson, J. A. Co., The	Port Huron	General merchandise	11	6	17
Aug. 8	Eichhorn & Hogan	Port Huron	Dry goods	3	6	9
Aug. 7	Forman Shoe Co.	Port Huron	Shoes	5	1	6
Aug. 7	Foster Bros	Port Huron	Shoes	6	0	6
Aug. 2	Fraser, D. A.	Port Huron	Clothing	3	0	3
Aug. 10	Goldman Bros	Port Huron	Junk	9	3	12
Aug. 23	Gray & Son	Port Huron	Shoes	6	0	6
Aug. 17	Grinnell Bros	Port Huron	Musical supplies	9	4	13
Aug. 7	Hibye, Tony	Port Huron	Fruits, etc.	1	2	3
Aug. 21	Higers, L. & Son	Port Huron	Clothing	26	32	58
Aug. 8	Hoffmann, F. M.	Port Huron	Jewelry	2	4	6
Aug. 3	Hyde, B. B.	Port Huron	Flour and feed	3	0	3
Aug. 7	Jacobi, Jacob	Port Huron	Clothing	3	0	3
Aug. 9	Knox Dry Goods Co	Port Huron	Dry goods	4	21	25
Aug. 2	Kreage, S. S. Co.	Port Huron	5 and 10c merchandise	3	14	17
Aug. 8	Lohrstorfer, J.	Port Huron	Drugs	2	0	2
Aug. 3	McElroy Shoe Co., The	Port Huron	Shoes	3	2	5
Aug. 7	McIntyre, W. D.	Port Huron	Confectionery	1	2	3
Aug. 7	MacTaggart, David Co.	Port Huron	Books and stationery	4	2	6
Aug. 2	Mahar, P. H. Shoe Co.	Port Huron	Shoes	4	2	6
Aug. 3	Marr Bros	Port Huron	Dry goods	3	2	5
Aug. 3	Meisel Co., The	Port Huron	Dry goods	4	11	15
Aug. 9	National Grocer Co.	Port Huron	Groceries	18	2	20
Aug. 15	Parker & Co.	Port Huron	Groceries	6	1	7
Aug. 7	Penney, J. C. Co.	Port Huron	Dry goods	2	3	5
July 26	Port Huron Cooperative Society	Port Huron	Groceries	3	3	6
Aug. 3	Rubenstein, A.	Port Huron	Clothing	3	1	4
Aug. 20	Runnels, H. E. & Son	Port Huron	Jewelry	3	2	5
Aug. 9	Shields, Geo. A.	Port Huron	Groceries	5	2	7
Aug. 6	Smith Bros	Port Huron	Groceries	14	3	17
Aug. 3	Sperry Co., J. B.	Port Huron	General merchandise	16	34	50
Aug. 3	Springer & Rose	Port Huron	Clothing	3	1	4
Aug. 8	Sturmer, Chas. A.	Port Huron	Hardware	6	3	9
Aug. 28	Sturmer, R. T.	Port Huron	Hardware	5	0	5
Aug. 22	Wagenseil Bros.	Port Huron	Men's furnishings	4	0	4
Aug. 2	Wellman, Chas.	Port Huron	Groceries	7	2	9
Aug. 7	Woman's Fashion Shop, The	Port Huron	Ladies' apparel	2	2	4
Aug. 2	Woolworth, F. W. Co.	Port Huron	5 and 10c merchandise	3	18	21
Aug. 8	Zakoor, Abraham & Co.	Port Huron	Fruits, etc.	3	0	3
Aug. 29	Becker Bros	St. Clair	Shoes, etc.	2	0	2
Aug. 29	Hart, E. S. & Co.	St. Clair	Hardware	2	1	3
Aug. 29	Joachim, Jos.	St. Clair	Groceries	5	1	6
Aug. 29	Recor & Smith	St. Clair	Hardware, etc.	4	0	4
Aug. 29	Shaw's General Dry Goods Store	St. Clair	Dry goods	3	1	4
Oct. 12	Cochrane, C. S.	Yale	General merchandise	1	2	3
Sept. 6	Cogley's James Sons	Yale	Implements, etc.	3	1	4
Sept. 6	Cooper, Emerson	Yale	General merchandise	1	1	2
Oct. 12	Hennessy, H. T.	Yale	Drugs	2	0	2
Oct. 12	Holden, Grant	Yale	Drugs	3	0	3
Sept. 7	Hutton, John	Yale	Hardware	3	1	4
Oct. 12	McOmber, Geo. E.	Yale	General merchandise	2	1	3
Oct. 12	Martin, H. C.	Yale	General merchandise	1	1	2
Oct. 12	Mathews & Wright	Yale	Drugs	2	0	2
Oct. 12	Rassey Fruit House	Yale	Fruits, etc.	1	2	3
Oct. 12	Taylor, Fred	Yale	Groceries	2	0	2
Sept. 6	Wilk, F. J.	Yale	Implements	3	1	4
Oct. 12	Yale Bazaar, The	Yale	Notions	1	2	3
Sept. 7	Yale Market Co.	Yale	Groceries	4	1	5

## DEPARTMENT OF LABOR.

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>ST. JOSEPH COUNTY.</b>						
Dec. 7	Thomas & Son.	Centerville.	General merchandise.	4	6	10
Dec. 8	Kirkwood, C. E. & Co.	Constantine.	General merchandise.	1	2	3
Dec. 8	Linta, H. E.	Constantine.	Dry goods.	1	2	3
Dec. 8	Vail Department Store, The	Constantine.	General merchandise.	1	2	3
Dec. 11	Candy Land, The.	Sturgis.	Confectionery.	3		3
Dec. 11	Classen's Hardware	Sturgis.	Hardware.	3	1	4
Dec. 11	Gardner & Barton.	Sturgis.	General merchandise.	2	2	4
Dec. 11	Hubbard Department Store.	Sturgis.	General merchandise.	1	3	4
Dec. 11	Loets, Louis F.	Sturgis.	Groceries.	4	1	5
Dec. 11	Michael & Co.	Sturgis.	Hardware.	3		3
Dec. 11	McClain, James	Sturgis.	Confectionery.	1	2	3
Dec. 11	Sturgis Tea Co.	Sturgis.	Teas and coffees.	4	3	7
Dec. 11	Tribbett, C. W.	Sturgis.	Dry goods, etc.	2	3	5
Dec. 11	Tripp, John & Co.	Sturgis.	Clothing, etc.	3		3
Dec. 7	McAllister, W. M. Co.	Three Rivers.	Dry goods.	1	4	5
Dec. 7	Pauli, The Clothier.	Three Rivers.	Clothing.	3		3
Dec. 7	Schirmeier, Henry F.	Three Rivers.	Groceries.	4		4
Dec. 8	Hutchison, C. C.	White Pigeon.	Groceries.	1	1	2
<b>SANILAC COUNTY.</b>						
Oct. 30	Benedict, G. M.	Applegate.	Drugs.	1		1
Oct. 30	Hawas, E. E.	Applegate.	General merchandise.	1	1	2
Oct. 30	Murray, Robert.	Applegate.	General merchandise.	1	1	2
Oct. 30	Stecker, J. H.	Applegate.	General merchandise.	2		2
Nov. 7	Brown City Cooperative Co.	Brown City.	General merchandise.	3	3	6
Nov. 7	Kearns Drug Store, The.	Brown City.	Drugs.	1	1	2
Nov. 7	McLeod Bros.	Brown City.	Drugs.	2		2
Nov. 7	Schoenhals Bros.	Brown City.	General merchandise.	2	2	4
Nov. 7	Scott, R. J.	Brown City.	General merchandise.	2	1	3
Nov. 7	Windsor, H. E.	Brown City.	General merchandise.	1	1	2
Nov. 7	Woolley, C. E.	Brown City.	Drugs.	1		1
Oct. 31	Graham, A. W.	Carsonville.	Clothing, etc.	3		3
Oct. 31	McCaren & Co.	Carsonville.	General merchandise.	1	2	3
Oct. 31	McCaren, Mrs. R. J.	Carsonville.	General merchandise.	1	1	2
Oct. 31	Wentworth, L. O.	Carsonville.	Drugs.	2		2
Oct. 27	Dexter, J. W.	Croswell.	General merchandise.	1	1	2
Oct. 27	Graham, A. B. & Co.	Croswell.	Drugs.	2		2
Oct. 20	Jackson, S.	Croswell.	General merchandise.	2	3	5
Oct. 27	McIntyre, J. M. Co.	Croswell.	Groceries.	5	1	6
Oct. 27	Miller & Biller.	Croswell.	General merchandise.	2	2	4
Oct. 27	Rice, H. R.	Croswell.	General hardware.	4		4
Oct. 27	Smyth & Straffon.	Croswell.	General hardware.	2		2
Oct. 27	Stirling Pharmacy, The.	Croswell.	Drugs.	1	1	2
Oct. 27	Straffon Grocery Co.	Croswell.	Groceries.	3		3
Oct. 27	Thumb Clothing Co., Inc., The.	Croswell.	Clothing.	2		2
Nov. 1	Deckerville Cooperative Co.	Deckerville.	General merchandise.	2	3	5
Nov. 1	Forrester & Morden.	Deckerville.	General merchandise.	3	1	4
Nov. 1	Greene, F. H.	Deckerville.	Drugs.	1	1	2
Nov. 1	Hirshberg's, Nathan Department Store.	Deckerville.	General merchandise.	1	3	4
Oct. 31	Peplow, M. P.	Deckerville.	Clothing.	2		2
Nov. 1	Yake, M. J.	Deckerville.	Jewelry.	1	1	2
Nov. 1	Young, S. B.	Deckerville.	Drugs.	2		2
Oct. 29	Fenton, A. W. & Co.	Lexington.	General merchandise.	1	1	2
Oct. 29	Meyer, J. F.	Lexington.	Hardware.	3		3
Nov. 6	Burget, H. C. & Son.	Marlette.	Hardware.	2		2
Nov. 6	Crouter, W. E.	Marlette.	General merchandise.	3		3
Nov. 6	Doyle, C. E.	Marlette.	General merchandise.	2	1	3
Nov. 6	Marlette Mercantile Co.	Marlette.	General merchandise.	3	1	4
Nov. 6	Smith, M. & Son.	Marlette.	General merchandise.	4	2	6
Nov. 6	Rots, C. E.	Marlette.	General merchandise.	2	1	3

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>SANILAC CO.—Con.</b>						
Nov. 12	Minden Cash Department Store	Minden	General merchandise	1		1
Nov. 12	Wahla Mercantile Co.	Minden	General merchandise	1	2	3
Nov. 9	Paldi Store	Snover	General merchandise	1	1	2
Nov. 9	Williams Department Store	Snover	General merchandise	2	1	3
Nov. 5	Griggs, Geo. A. & Son	Peck	General merchandise	2	2	4
Nov. 5	Grimes & Waterman	Peck	Farm implements	1		1
Nov. 5	Smalldon, F. W.	Peck	General merchandise	2		2
Oct. 31	Corbishley, F. A.	Sandusky	Clothing	2		2
Oct. 31	Corbishley Store, The	Sandusky	General merchandise	1	2	3
Oct. 31	Hoffman, H. H.	Sandusky	Drugs	2		2
Oct. 31	Moore's Drug Store	Sandusky	Drugs	2		2
Oct. 31	Orr, Clare Estate	Sandusky	Hardware	3		3
Oct. 31	Williams, W. A.	Sandusky	General merchandise	3	6	9
<b>SCHOOLCRAFT COUNTY.</b>						
Jan. 25	Blumrosen, M. & Sons	Manistique	Dry goods, etc.	5	7	12
Jan. 25	Carlson, August	Manistique	Groceries	3		3
Jan. 25	Costello, John Estate	Manistique	Groceries	2	2	4
Jan. 25	Hart, Oliver	Manistique	Groceries	3	1	4
Jan. 25	Manistique Produce Co.	Manistique	Produce	4		4
Jan. 25	Metropolitan 5 to 50c Store	Manistique	Dry goods and notions	1	3	4
Jan. 25	Middlebrook, W. L.	Manistique	Groceries	4		4
Jan. 25	Neville & Neveaux Drug Co.	Manistique	Drugs	4	2	6
Jan. 25	Oben, Aug.	Manistique	Groceries	2		2
Jan. 25	People's Store Co.	Manistique	General merchandise	12	9	21
Jan. 25	Putnam, A. S. & Co.	Manistique	Drugs and jewelry	5	2	7
Jan. 25	Rosenthal, L.	Manistique	Dry goods, etc.	3	4	7
Jan. 25	Rubin, Robert	Manistique	Men's furnishings	2		2
Jan. 25	Soo 5-10c Stores	Manistique	5 and 10c merchandise	1	3	4
Jan. 25	Winkelman, Moses	Manistique	Dry goods, etc.	4	5	9
Jan. 26	Chebrough, A. M.	Thompson	General merchandise	2		2
<b>SHIAWASSEE COUNTY.</b>						
Sept. 21	Asner, A. E. Co.	Owosso	Groceries and meats	5	1	6
Sept. 21	Capitan Candy Co.	Owosso	Candies	4	1	5
Sept. 21	Chicago Clothing Store	Owosso	Clothing	1	1	2
Sept. 20	Christian, D. M. Co., The	Owosso	General merchandise	13	51	64
Sept. 21	Dumond's Store	Owosso	Books	1	2	3
Sept. 20	Evans Ice Cream Parlor	Owosso	Confectionery, etc.	1	1	2
Sept. 21	Ferris Bros.	Owosso	Clothing	4	8	12
Sept. 20	Foster Co., The	Owosso	Hardware and furniture	3	1	4
Sept. 20	Grinnell Bros.	Owosso	Musical supplies	2	1	3
Sept. 20	Hall, W. E. & Son	Owosso	General merchandise	4	4	8
Sept. 21	Herrick, M. A.	Owosso	Flowers	1	1	2
Sept. 21	Kaufman, A.	Owosso	Women's apparel	1	2	3
Sept. 20	Lawrence, Chas. A.	Owosso	General merchandise	7	9	16
Sept. 21	Lyon & Son	Owosso	General merchandise	3	4	7
Sept. 21	Oeburn & Sons	Owosso	Dry goods	9	16	25
Sept. 21	Robinson, C. Z. & Co.	Owosso	Dry goods	1	4	5
Sept. 20	Shattuck Music House	Owosso	Pianos, etc.	1	1	2
Sept. 21	Ward, Arthur Co., The	Owosso	Furniture, hardware, etc.	9	1	10
Sept. 20	Woolworth, F. W. Co.	Owosso	5 and 10c merchandise	2	9	11
Nov. 15	Cottrell, J. L.	Perry	General merchandise	2	1	3

## DEPARTMENT OF LABOR.

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
TUSCOLA COUNTY.						
Sept. 1	Calbeck, W. A. & Co.	Caro	Boots and shoes	2		2
Sept. 1	Eastham, John	Caro	Dry goods	1	1	2
Sept. 12	Hudson's Basaar	Caro	Novelty goods	1	2	3
Jan. 7	Joslin, M. A.	Caro	Merchandise	2	4	6
Sept. 1	Moore, George H.	Caro	Drugs	2		2
Sept. 8	Spaulding, E. O. & Son	Caro	General merchandise	4	10	14
Sept. 1	Star Clothing House	Caro	Clothing	3		3
Sept. 8	VanTine, G. N.	Caro	Coal and feed	4		4
Sept. 4	Wallis, William F.	Caro	General merchandise	1	2	3
Sept. 1	Watrous Hardware Co.	Caro	Hardware	3		3
Sept. 4	Webb Bros.	Caro	General merchandise	3		3
Sept. 4	Zemke Bros	Caro	Dry goods	5	12	17
Sept. 7	Bearse, B. T.	Fostoria	Jewelry	2		2
Sept. 7	Boulton & Bell	Fostoria	General merchandise	2	1	3
Sept. 7	Preston & Collins	Fostoria	General merchandise	3		3
Sept. 7	Tompkins, Geo. H.	Fostoria	General merchandise	2		2
Sept. 7	Tompkins, Noah	Fostoria	General merchandise	3		3
Sept. 5	Dutcher, F. E.	Kingston	Hardware	3		3
Sept. 6	Erb Mercantile Co.	Mayville	General merchandise	3	2	5
Sept. 5	Hartt, Mrs. M. E.	Wilmot	General merchandise	1	1	2
VAN BUREN COUNTY.						
Oct. 16	DeHaven, Levi & Sons	Bangor	General merchandise	6	2	8
Nov. 3	Karsten Drug Co.	Bangor	Drugs	2		2
Oct. 16	Leader, The	Bangor	General merchandise	4	2	6
Oct. 16	Ryan, James P.	Bangor	General merchandise	5	4	9
Oct. 16	Yates, J. A.	Bangor	Groceries	2		2
Oct. 30	Harrison & Spayde	Bloomington	General merchandise	3		3
Oct. 30	Merrifield, E. J.	Bloomington	Hardware	6		6
Oct. 30	Trim & Hodgman Co	Bloomington	General merchandise	3	1	4
Oct. 17	Gunsaul, Chas	Covert	Hardware	2		2
Oct. 17	Spelman, J. R. & Co.	Covert	General merchandise	3	2	5
Nov. 5	Durkee, B. K.	Decatur	Dry goods and shoes	2	1	3
Nov. 5	Mosier, F. L.	Decatur	Dry goods	2	1	3
Nov. 5	Wood, W. A.	Decatur	Hardware	4		4
Nov. 5	Brooks & Propp	Dowagiac	General merchandise	2	2	4
Oct. 29	Frank Co., The	Gobleville	Dry goods and clothing	2	3	5
Oct. 29	Myers Bros	Gobleville	General merchandise	3	1	4
Oct. 23	Eagan, Frank L.	Hartford	Groceries	1	1	2
Oct. 23	Hubbard, F. W.	Hartford	General merchandise	3	2	5
Oct. 16	Hurlbut, F. W. & Co.	Hartford	5 and 10c merchandise	2	1	3
Oct. 16	Knapp & Co.	Hartford	Groceries and crockery	2	1	3
Oct. 23	Ooobock, G. W.	Hartford	Dry goods	1	1	2
Oct. 16	Olds, C. D. & Sons	Hartford	Groceries	2	1	3
Oct. 16	Perry, A. Z.	Hartford	Groceries	2	1	3
Oct. 16	Warren, Frank F.	Hartford	Dry goods	1	1	2
Oct. 16	Woods' Bargain Store	Hartford	General merchandise	1	1	2
Nov. 2	Lawrence Cooperative Co.	Lawrence	General merchandise	4		4
Nov. 2	Avery, F. R.	Paw Paw	Dry goods	2	4	6
Nov. 1	Cooley & Co	Paw Paw	Groceries and shoes	3		3
Nov. 2	Longwell Bros.	Paw Paw	Drugs and groceries	3		3
Nov. 2	O'Grady Bros. Co.	Paw Paw	Clothing, etc.	2		2
Nov. 2	Paw Paw Drug Co.	Paw Paw	Drugs	2		2
Nov. 2	Paw Paw 5-10-25c Store	Paw Paw	Notions, 5-10-25c Mdse.	1	2	3
Nov. 2	Ready, J. D.	Paw Paw	Dry goods	2	4	6
Oct. 26	Abell, Chas. E.	South Haven	Drugs	5	4	9
Oct. 26	Hale, M. Co.	South Haven	General merchandise	13	9	22
Oct. 26	Malbone Hardware Co.	South Haven	Hardware	3		3
Oct. 26	Mason, W. B. & Son	South Haven	Dry goods	2	1	3

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
WASHTENAW COUNTY.						
Aug. 8	Allen, N. F. Co.	Ann Arbor	Clothing	4		4
Aug. 16	Allmand & Forsythe	Ann Arbor	Shoes	3		3
Aug. 16	Allmendinger Music Shop	Ann Arbor	Musical supplies	2	2	4
Aug. 9	Arnold & Co.	Ann Arbor	Jewelry	7	2	9
Aug. 23	Basso, Albert	Ann Arbor	Fruits	2	1	3
Aug. 16	Benz Bros.	Ann Arbor	Hardware	8		8
Aug. 16	Bigalke & Reule	Ann Arbor	Groceries	2		2
July 28	Brown, F. W. Book Co.	Ann Arbor	Books and stationery	2		2
Aug. 16	Buckley's Coffee Ranch	Ann Arbor	Teas and coffees	2		2
Sept. 1	Calkins Drug Co.	Ann Arbor	Drugs	7	1	8
Aug. 9	Carras, George	Ann Arbor	Cigars	2		2
Aug. 9	Chapman, J. S.	Ann Arbor	Jewelry	2		2
Sept. 7	City Cigar Store	Ann Arbor	Cigars	2		2
Aug. 16	Corbett, Tom	Ann Arbor	Clothing	3		3
July 27	Crippen, A. E.	Ann Arbor	Drugs	3		3
Aug. 9	Davis Store, The	Ann Arbor	Shoes, etc.	2		2
July 27	Dean & Co., Ltd.	Ann Arbor	Groceries, etc.	17	1	18
Aug. 16	Eberbach & Son Co.	Ann Arbor	Drugs	11	2	13
July 28	Edsall, E. C.	Ann Arbor	Drugs	3		3
Aug. 31	Edwards Bros.	Ann Arbor	Typewriting, etc.	1	9	10
Aug. 31	Ehnis, H. G.	Ann Arbor	Shoes and harness	2		2
Aug. 31	Eibler, J. B.	Ann Arbor	Jewelry	3		3
Aug. 9	Fischer, Jno. C. Co.	Ann Arbor	Hardware	16	1	17
Aug. 16	Fischer Pharmacy	Ann Arbor	Drugs	3		3
Aug. 31	Fogerty, Emma B.	Ann Arbor	Hats		3	3
Aug. 8	Goets, W. & Son	Ann Arbor	Groceries	7		7
Aug. 9	Goodyear Drug Co.	Ann Arbor	Drugs, etc.	4		4
July 27	Goodyear, Wm. & Co.	Ann Arbor	Dry goods	6	9	15
Aug. 31	Grinnan, D. E.	Ann Arbor	Men's furnishings	2		2
July 28	Grinnell Bros.	Ann Arbor	Musical supplies	5	4	9
Aug. 17	Gross & Dietzel	Ann Arbor	Shoes, etc.	3		3
Aug. 8	Gross, Fred W.	Ann Arbor	Clothing	1		1
Aug. 31	Haarer's Bookstore	Ann Arbor	Books, etc.	2		2
Aug. 30	Haas, D. C.	Ann Arbor	Groceries	3		3
Aug. 31	Hagen, H. J.	Ann Arbor	Clothing and shoes	3		3
Aug. 16	Haller, Martin	Ann Arbor	Furniture and rugs	8	1	9
Sept. 6	Helber, L. C.	Ann Arbor	Groceries	2		2
Aug. 23	Herrick & Bohnet	Ann Arbor	Groceries	3		3
Aug. 31	Hertler Bros.	Ann Arbor	Hardware	2		2
Aug. 16	Hers, Oswald A.	Ann Arbor	Paints and oils	17	1	18
Aug. 16	Hoag, E. G.	Ann Arbor	Notions	3	4	7
Aug. 9	Hoffstetter, R. J.	Ann Arbor	Shoes	3	1	4
Aug. 23	Kittredge, C. H.	Ann Arbor	Electric supplies	9		9
Aug. 8	Koch & Henne	Ann Arbor	Furniture	5	1	6
July 26	Kresge, S. S. Co.	Ann Arbor	5 and 10c merchandise	4	20	24
Aug. 31	Kuehnl & Meyer	Ann Arbor	Hardware	3		3
Sept. 7	Kyer, Geo. W.	Ann Arbor	Furnishings	5	3	8
Sept. 5	Lamb & Spencer Store, The	Ann Arbor	Groceries	7	1	8
July 27	Levy, Abraham	Ann Arbor	Shoes	1		1
Aug. 8	Lindenschmitt, Affel & Co.	Ann Arbor	Clothing	7		7
Aug. 17	Lutz, Albert S.	Ann Arbor	Shoes	2	1	3
Sept. 7	Lyndon, A. S.	Ann Arbor	Art goods	2	1	3
Sept. 7	MacGregor, John	Ann Arbor	Groceries	3	1	4
Aug. 9	Mack & Co.	Ann Arbor	Dry goods	56	96	152
Aug. 31	Malcolm, J. Karl	Ann Arbor	Tailoring	2		2
Aug. 23	Malloy, D. J.	Ann Arbor	Harness	2		2
Aug. 8	Mann's Drug Store	Ann Arbor	Drugs	4		4
July 28	Mayer-Schairer Co., The	Ann Arbor	Stationery	11	6	17
July 28	Miller, Geo. H.	Ann Arbor	Boots, etc.	1		1
Aug. 7	Michel Bros.	Ann Arbor	Confectionery	2		2

## DEPARTMENT OF LABOR.

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
WASHTENAW CO.—Con.						
Aug. 17	Michigan Coffee Roaster	Ann Arbor	Teas, coffees, etc.	2		2
July 28	Miles Grocery	Ann Arbor	Groceries	4	1	5
Aug. 8	Millspeugh, Geo. W. & Son	Ann Arbor	Groceries	2		2
July 28	Muehlig, B. E.	Ann Arbor	Dry goods	6	11	17
Aug. 8	Muehlig & Schmid	Ann Arbor	Hardware	10	1	11
Aug. 16	Mummary, A. E.	Ann Arbor	Drugs	2		2
Aug. 16	Niethammer, J. F.	Ann Arbor	Groceries	2		2
Sept. 5	Pardon, O. E.	Ann Arbor	Groceries	2		2
Aug. 16	Pierce's Cash Grocery	Ann Arbor	Groceries	5	1	6
Aug. 5	Postorino, Mrs. R.	Ann Arbor	Confectionery		5	5
Aug. 31	Prochnow, D. C.	Ann Arbor	Groceries	4		4
Aug. 16	Furfield, Wm. P.	Ann Arbor	Shoes	3		3
Sept. 7	Quarry Drug Co.	Ann Arbor	Drugs	4		4
Aug. 17	Randall Studios	Ann Arbor	Photographs	2	2	4
July 28	Reule, Conlin Fiegel Co.	Ann Arbor	Clothing	5		5
Aug. 16	Schlanderer & Seyfried	Ann Arbor	Jewelry	3		3
Aug. 31	Schlenker, Christian	Ann Arbor	Hardware	5		5
Sept. 7	Schults Bros.	Ann Arbor	Groceries	3	1	4
Aug. 8	Schumacher Hardware Co.	Ann Arbor	Hardware	11		11
July 27	Shaw Grocery Co.	Ann Arbor	Groceries	4		4
Sept. 7	Sheehan & Co.	Ann Arbor	Stationery, etc.	2	1	3
Aug. 10	Singer Sewing Machine Co.	Ann Arbor	Sewing machines	1	1	2
Aug. 23	Smith, R. J.	Ann Arbor	Groceries	3		3
Aug. 31	Smith, R. J.	Ann Arbor	Groceries	2		2
Aug. 31	Stanger Furniture Co.	Ann Arbor	Furniture	9		9
Aug. 15	Staebler & Co.	Ann Arbor	Groceries	7	1	8
July 27	Sweet, C. J.	Ann Arbor	Cigars and tobacco	4		4
Aug. 16	Swisher Grocer Co.	Ann Arbor	Candy, etc.	2		2
Aug. 31	Switzer, H. L. Co.	Ann Arbor	Hardware	2		2
Aug. 8	Theurer & Walker	Ann Arbor	Groceries	3		3
Aug. 9	Trubey, J. A.	Ann Arbor	Confectionery	2	5	7
Sept. 6	University Music House	Ann Arbor	Musical supplies	4	3	7
Aug. 9	Wadhams & Co.	Ann Arbor	Clothing	8		8
Sept. 7	Wagner & Co.	Ann Arbor	Men's furnishings	5	1	6
July 27	Wahr's, George Book Store	Ann Arbor	Books and stationery	8	5	13
July 28	Wahr's Shoe Store	Ann Arbor	Shoes	3		3
Aug. 8	Walker, Alfred G.	Ann Arbor	Drugs	2		2
Aug. 8	Ward Company	Ann Arbor	Tailoring	1		1
Aug. 16	Wensel, L. E.	Ann Arbor	Paints, etc.	11		11
Aug. 8	Wilkinson, F. W.	Ann Arbor	New and second hand goods	4		4
July 27	Woolworth, F. W. Co.	Ann Arbor	5 and 10c merchandise	1	11	12
Aug. 17	Wuerth, Chas. & Co.	Ann Arbor	Furniture, etc.	2	1	3
Aug. 8	Wuerth, J. F. & Co.	Ann Arbor	Clothing	4	1	5
Aug. 8	Ziede & Nisale	Ann Arbor	Shoes	2		2
July 13	Kern, W. D.	Bridgewater	General merchandise	1	1	2
July 13	Pardoe, M. J. Bros.	Bridgewater	Hardware	2		2
Aug. 27	American Ice Cream Parlor	Chelsea	Confectionery	1	2	3
Aug. 30	Chelsea Hardware Co.	Chelsea	Hardware	4		4
Aug. 29	Dancer Bros.	Chelsea	Clothing	2		2
Aug. 30	Farrell, John & Co.	Chelsea	Groceries	3	1	4
Aug. 30	Fenn, Henry H. Co.	Chelsea	Drugs	2	1	3
Aug. 29	Freeman & Runciman	Chelsea	Groceries and drugs	3	4	7
Aug. 30	Gallagher's Bazaar	Chelsea	Notions	1	2	3
Aug. 30	Hindelang & Fahrner	Chelsea	Hardware	3		3
Aug. 30	Holmes & Walker	Chelsea	Hardware	4	1	5
Aug. 29	Kantlehner, Walter F.	Chelsea	Jewelry	1		1
Aug. 30	Schenk, W. P. & Co.	Chelsea	General merchandise	6	4	10
Aug. 30	Schneider, Oscar D.	Chelsea	Groceries	2	1	3
Aug. 30	Steinbach, Chas.	Chelsea	Harness	2		2
Aug. 29	Sugar Bowl, The	Chelsea	Confectionery, etc.	3	1	4

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>WASHTENAW Co.—Con.</b>						
Aug. 29	Vogel & Wurster.	Chelsea	General merchandise.	4	7	11
Aug. 30	Vogel, L. P.	Chelsea	Drugs and groceries.	2	1	3
Aug. 29	Walworth & Strieter.	Chelsea	Men's furnishings.	2		2
Aug. 28	Alley & Son.	Dexter	Dry goods.	2	1	3
Aug. 28	Baughman, C. L.	Dexter.	Hardware.	1		1
Aug. 24	Connor, Geo.	Dexter.	Confectionery.	1	1	2
Aug. 28	Dexter Pharmacy, The.	Dexter.	Drugs.	2		2
Aug. 28	Farleigh, J. M.	Dexter.	Cigars.	2		2
Aug. 28	Fitzsimons, R. & Co.	Dexter.	General merchandise.	1	1	2
Aug. 28	Henes, Herman.	Dexter.	Groceries.	4		4
Aug. 28	Jedele, Norman.	Dexter.	Groceries and shoes.	2		2
Aug. 28	Lawrence's Department Store.	Dexter.	General merchandise.	1	1	2
Aug. 28	Quish & Pratt.	Dexter.	Hardware.	5		6
Aug. 28	Schall, H. W.	Dexter.	Drugs.	2		2
July 13	Breitenwischer, G. H.	Manchester.	General merchandise.	3	2	5
July 13	Conklin, R. G.	Manchester.	General merchandise.	1	1	2
July 13	Delken, J. H.	Manchester.	Groceries.	1		1
July 13	Dienelthane & Davidter.	Manchester.	Hardware.	4		4
July 13	Haeussler, G. J. & Son.	Manchester.	Drugs, paints, etc.	3		3
July 13	Houck, F. G.	Manchester.	Hardware.	3		3
July 13	Johnson, Geo. P.	Manchester.	Confectionery.	2		2
July 12	Jenter, E. C.	Manchester.	Furniture.	2		2
July 13	Manchester Sample Clothing Store.	Manchester.	Clothing.	1		1
July 13	Pace, Sam.	Manchester.	Fruits, etc.	1		1
July 13	Schaible, J. Fred.	Manchester.	Groceries.	1	1	2
July 13	Seckinger, C. H.	Manchester.	Groceries and baked goods.	4	2	6
July 13	Seckinger, J. E.	Manchester.	Groceries.	1	2	3
July 13	Snowman, Alfred A.	Manchester.	Drugs and stationery.	2		2
July 12	Widmayer, Fred.	Manchester.	Hardware.	2		2
July 13	Wuerthner Bros.	Manchester.	Clothing.	3		3
July 13	Yocum, Marx & Co.	Manchester.	Dry goods.	6	2	8
July 6	Arnot, Geo.	Milan.	Groceries.	2		2
July 8	Bay, C. F.	Milan.	Jewelry.	2		2
July 6	Blackmer, Edward.	Milan.	Furniture.	1		1
July 7	Benge Department Store.	Milan.	Dry goods, etc.	3	5	8
July 6	Benge Variety Store.	Milan.	Notions.	1	1	2
July 6	Blackmer, Webb.	Milan.	Groceries.	1		1
July 6	Chapin, C. R. Co.	Milan.	Dry goods.	2	2	4
July 7	Forsyth & Lee.	Milan.	Farm implements.	2		2
July 7	Gauntlett & Gauntlett.	Milan.	Clothing.	2		2
July 6	Gay, W. H.	Milan.	General merchandise.	1	1	2
July 6	Hasley, F. G. Implement Co.	Milan.	Implements and harness.	7		7
July 6	Hyzer & Matthews.	Milan.	Drugs and books.	2		2
July 7	Miller, F. M.	Milan.	Drugs.	3	1	4
July 7	Minto Co., The.	Milan.	Men's clothing.	1	1	2
July 7	Munsey, E. D. & Co.	Milan.	Hardware.	4		4
July 6	Phillips, Millard.	Milan.	Jewelry.	1		1
July 6	Throop Bros.	Milan.	Groceries.	1		1
July 7	Saka, Joe & Co.	Milan.	Dry goods.	2	2	4
July 6	Sanford Hardware Co.	Milan.	Hardware.	5		5
July 6	Star Grocery, The.	Milan.	Groceries.	3	2	5
July 7	Steidle, C. W.	Milan.	Shoes.	4		4
July 6	Whitmarsh, W. H. & Co.	Milan.	Groceries.	2		2
July 13	Burkhart Bros.	Saline.	General merchandise.	2	1	3
July 13	Cotton, S. Y.	Saline.	General merchandise.	2	1	3
July 13	Derendinger, Bert.	Saline.	Cigars.	1		1
July 13	Dietiker, W. E.	Saline.	Furniture.	1		1
July 14	Economy Variety Store.	Saline.	Notions.	1	1	2
July 13	Fuoss, Martin.	Saline.	Groceries.	3		3
July 14	Henne, Edward.	Saline.	Hardware.	2		2

## DEPARTMENT OF LABOR.

*Inspection of stores.—Continued.*

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	WASHTENAW Co.—Con.					
July 14	Muir & Gross	Saline	Hardware	7		7
July 13	Mummery, A. E. A.	Saline	Drugs	1	1	2
July 14	Nissly, W. F.	Saline	Dry goods	2	1	3
July 13	Parsons, G. L.	Saline	Men's furnishings	2		2
July 14	Pompus, Wm.	Saline	Confectionery	1	1	2
July 13	Schmid, Fred.	Saline	Groceries	2		2
July 14	Sturm, W. L.	Saline	Harness	1		1
July 13	Wheeler, O. C.	Saline	Drugs	1	1	2
July 17	Baker, O. C.	Ypsilanti	Notions		2	2
July 16	Burkheiser & Fletcher	Ypsilanti	Clothing	4		4
Aug. 20	Burkheiser, Mrs. John P.	Ypsilanti	Groceries		3	3
July 17	Cadaret, J. W.	Ypsilanti	Groceries	3	2	5
July 16	Clarke Bros	Ypsilanti	Furniture	5		5
July 16	Comstock, C. O. Dry Goods Co.	Ypsilanti	Dry goods	3	5	8
July 16	Corbett & Morrison	Ypsilanti	Groceries	2		2
July 18	Crane, C. H.	Ypsilanti	Groceries	4		4
July 19	Davis & Co.	Ypsilanti	Groceries and dry goods	5	2	7
July 16	Davis & Kishlor	Ypsilanti	Dry goods	3	8	11
July 17	Dawson, Martin Co.	Ypsilanti	Seeds and grain	5	1	6
July 17	Dewitt, F. E. Boot Shop.	Ypsilanti	Shoes	2		2
July 16	Dunlap & Son	Ypsilanti	Groceries	8	2	10
July 21	Foerster, L. K.	Ypsilanti	Hardware	3		3
July 18	Gilmore, H. A.	Ypsilanti	Paint and paper	6	1	7
July 16	Goodsman, John	Ypsilanti	Ice cream	1		1
July 18	Gordon, Max	Ypsilanti	Men's furnishings	2		2
July 16	Grinnell Bros	Ypsilanti	Pianos	3	2	5
July 16	Haig Pharmacy	Ypsilanti	Drugs	4		4
July 18	Hall, W. H.	Ypsilanti	Harness	2		2
July 17	Hutchins, H. & Co.	Ypsilanti	5 and 10c merchandise	2	5	7
July 17	Keavy, Mrs. Emily H.	Ypsilanti	Notions		2	2
July 19	Kilian, R. H.	Ypsilanti	Drugs, paints, etc.	2		2
July 17	Lamb, J. G. & Son	Ypsilanti	Groceries	8	4	12
July 17	Leas, A. E.	Ypsilanti	Shoes	2		2
July 16	MacAllister Drug Co.	Ypsilanti	Drugs	3		3
July 17	Mack & Mack	Ypsilanti	Furniture	3		3
July 18	Mallion & Horn	Ypsilanti	General repairing	2		2
July 16	Miller, Joe	Ypsilanti	Jewelry	2		2
July 17	Moore, J. E.	Ypsilanti	Furniture	1		1
July 17	Nissly, Fred H.	Ypsilanti	Notions	1	2	3
July 16	Nissly, Webb & Maus	Ypsilanti	Dry goods, etc.	3	3	6
July 17	Porter, W. D.	Ypsilanti	Fruits, etc.	1		1
July 17	Schill, E. R.	Ypsilanti	Leather and rubber goods	2		2
July 18	Schaefer Hardware Co.	Ypsilanti	Hardware	6	1	7
July 16	Shaefer Hardware Co.	Ypsilanti	Hardware	3	1	4
July 16	Sherwood, P. C. & Son	Ypsilanti	Shoes	2		2
July 16	Smith Bros.	Ypsilanti	Drugs	2		2
July 16	Smith, Frank	Ypsilanti	Drugs and books	2	1	3
July 16	Sullivan-Cook Co.	Ypsilanti	Clothing	4		4
July 16	Sweet, W. H. & Sons	Ypsilanti	Dry goods	1	4	5
July 16	Weinmann-Matthews Co.	Ypsilanti	Drugs	4		4
July 17	Whitney, R. J.	Ypsilanti	Cigars and tobacco	2		2
July 16	Williams, C. R.	Ypsilanti	Shoes	3		3
July 16	Worthy, C. S. Co.	Ypsilanti	Clothing, etc.	5		5
July 17	Ypsilanti Grocery Co.	Ypsilanti	Groceries	3	1	4



Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>WAYNE COUNTY.</b>						
July 26	Abram, A.	Detroit	Groceries	2	2	4
June 22	Adams, C. F. Co.	Detroit	Furniture and clothing	26	6	32
Nov. 5	Aetone Sweets	Detroit	Confectionery	7	3	3
July 10	Ainsworth, Ralph Co.	Detroit	Wholesale shoes	7	2	9
June 11	Alexander, E. W. & Co.	Detroit	Umbrellas	2	5	7
May 9	American Pop Corn Co.	Detroit	Pop corn	2	1	3
Sept. 15	American Tea Co.	Detroit	Teas	1	1	2
July 11	Andrews Bros.	Detroit	Wholesale fruits	10	3	13
Nov. 13	Arata, E.	Detroit	Confectionery	1	1	1
Sept. 7	Arcadia Sweets Co.	Detroit	Confectionery	1	3	3
Aug. 15	Aken & Marine	Detroit	Clothing	3	2	5
Sept. 7	Atlantic & Pacific Tea & Coffee Co.	Detroit	Teas and coffees	2	1	3
May 29	Atlantic & Pacific Tea & Coffee Co.	Detroit	Provisions	1	1	2
May 21	Auto City Candy Co.	Detroit	Confectionery	2	3	5
Oct. 17	Barlum, Thos. & Sons Co.	Detroit	Meats	15	1	16
July 10	Barnett's Bazaar	Detroit	Dry goods	1	1	2
Sept. 5	Barry & Barry	Detroit	Confectionery	2	2	4
July 13	Bartush Bros.	Detroit	Groceries	5	5	5
July 26	Basso, A.	Detroit	Confectionery	1	3	4
May 9	Bauer, Edward	Detroit	Dry goods	2	4	6
May 25	Baumgartner's Fashion Shop	Detroit	Men's clothing	35	7	42
July 13	Bayley Music House	Detroit	Phonographs, etc.	3	2	5
May 18	Beals, Selkirk Co.	Detroit	Trunks, etc.	3	1	4
Aug. 3	Beard Bros.	Detroit	Flowers	1	2	3
Sept. 4	Beck's Smart Shop	Detroit	Ladies' wear	2	4	6
Nov. 23	Bedell, Walter E.	Detroit	Ladies' wear	2	2	4
July 10	Beecher, Peck & Lewis	Detroit	Paper, stationery, etc.	112	8	120
Aug. 10	Belle, A. G. & Co.	Detroit	Groceries	6	3	9
July 13	Bentlif & Dupont	Detroit	Art goods	1	4	5
Aug. 3	Berkowitz, I.	Detroit	Dry goods	1	1	2
Sept. 14	Berry, T. H. & Son	Detroit	Rugs	9	0	9
June 8	Bertram Bros.	Detroit	Drugs	12	3	15
June 8	Bertram Bros.	Detroit	Drugs	7	0	7
May 14	Bigby, E. M. Co., The	Detroit	Women's apparel	8	45	53
Sept. 4	Bird's Cigar Store	Detroit	Cigars	1	2	3
June 22	Bird, S. L. & Sons	Detroit	Men's furnishings	118	40	158
May 17	Black, L. Co.	Detroit	Jewelry, etc.	13	20	33
May 21	Bleasby Bros.	Detroit	Gifts	2	3	5
July 12	Bleasby Gift Shop	Detroit	Gifts and toys	1	2	3
Sept. 6	Blessed, John & Son	Detroit	Groceries and meats	40	7	47
July 6	Blumenau, A. J.	Detroit	Dry goods	3	4	7
July 25	Blumenthal, Sam & Son	Detroit	General merchandise	5	5	10
Aug. 8	Bock Bakery	Detroit	Baked goods	1	2	3
Aug. 8	Bock Bakery	Detroit	Baked goods	1	4	5
June 12	Bonish, I. A.	Detroit	Photographic supplies	2	2	4
Sept. 14	Boston Bargain Store, The	Detroit	Dry goods	2	1	3
May 15	Bradley Bros.	Detroit	Wholesale notions	13	3	16
Aug. 13	Braun, Geo. M.	Detroit	Dry goods	1	1	1
July 11	Breakley, J.	Detroit	Confectionery	1	4	4
July 2	Breitmeyer, John & Sons	Detroit	Flowers	11	7	18
June 12	Brennan Feather Co.	Detroit	Feather novelties	1	8	9
May 9	Brin Specialty Shoe Shop	Detroit	Shoes	4	0	4
Aug. 2	Brushaber, J.	Detroit	Furniture	55	10	65
July 19	Bryant, Lane	Detroit	Women's apparel	4	27	31
Nov. 9	Buettner, F. W.	Detroit	Dry goods	1	2	3
Jan. 20	Buhl Sons Co.	Detroit	Hardware	214	45	259
Aug. 1	Bullock-Green Hardware Co.	Detroit	Hardware	28	2	30
Aug. 15	Burns, A. E. & Co.	Detroit	Shoes	10	1	11
July 25	Bussell & Forsler	Detroit	Drugs, etc.	1	2	3
July 25	Bussell & Forsler	Detroit	Drugs, etc.	1	2	3

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	WASHTENAW Co.—Con.					
July 25	Bussell & Forsler	Detroit	Drugs, etc.	1	3	4
June 14	Cadillac Credit Clothing Co.	Detroit	Clothing	3	2	5
July 10	Campbell, M. J.	Detroit	Candy	2	2	4
July 13	Campbell, N. D.	Detroit	Furniture	8	2	10
July 10	Canton, W. E. Co.	Detroit	Men's furnishings	4	1	5
Sept. 4	Carey, The Florist	Detroit	Flowers	2	2	4
July 19	Carroll & Co.	Detroit	Notions	1	1	2
May 19	Carroll & Co.	Detroit	Men's clothing	5	5	5
July 13	Carter, W. J.	Detroit	Groceries	2	1	3
May 22	Central Drug Co.	Detroit	Drugs	23	19	42
June 19	Central Paint & Varnish Co.	Detroit	Paints, etc.	16	6	22
June 14	Champion Clothes Shop	Detroit	Men's clothing	2	1	3
Aug. 8	Chene Market	Detroit	Groceries and meats	10	1	11
July 24	Children's Shop, The	Detroit	Children's clothing	10	10	10
Oct. 30	Chinese Emporium	Detroit	Art goods	3	2	5
July 6	Christo, S.	Detroit	Confectionery	1	2	3
July 23	Christopher Studios	Detroit	Lamps and shades	4	4	4
Aug. 1	Clara, W. J.	Detroit	Notions	3	3	3
Aug. 16	Clark's	Detroit	Confectionery	2	2	2
May 25	Clayton, F. G. Co.	Detroit	Men's wearing apparel	117	18	135
Aug. 2	Clements, G. W. Co.	Detroit	Dry goods	2	2	4
July 13	Cloe, Fred J.	Detroit	Dry goods	1	1	2
Aug. 2	Cobey, Arthur	Detroit	Flowers	1	1	2
May 9	Common, Alex.	Detroit	Flowers	2	1	3
Aug. 16	Commercial Electric Supply Co.	Detroit	Electric supplies	20	6	26
Aug. 3	Community Grocers	Detroit	Groceries	5	1	6
Oct. 22	Community Grocers	Detroit	Groceries	3	1	4
July 19	Connolly, Hugh & Son	Detroit	Jewelry	9	10	19
July 11	Cordani Candy Co.	Detroit	Confectionery	3	1	4
June 6	Cornfield, Joe	Detroit	Jewelry	2	1	3
July 11	Corona Co.	Detroit	Cigars	3	3	3
May 31	Crowley Bros.	Detroit	Dry goods	26	4	30
May 4	Crowley-Milner & Co.	Detroit	General merchandise	482	946	1,428
Dec. 3	Cuony's Dry Goods Co.	Detroit	Dry goods	3	3	3
May 15	Curtis, J. A.	Detroit	Confectionery	2	1	3
Sept. 4	Cutler Bros.	Detroit	Novelties	2	2	4
Aug. 8	Davis 5 and 10c Store	Detroit	5 and 10c merchandise	3	3	3
Aug. 8	Davis 5 and 10c Store	Detroit	5 and 10c merchandise	5	5	5
Aug. 8	Davis 5 and 10c Store	Detroit	5 and 10c merchandise	5	5	5
Aug. 8	Davis 5 and 10c Store	Detroit	5 and 10c merchandise	3	4	7
Aug. 7	Davis 5 and 10c Store	Detroit	5 and 10c merchandise	3	3	3
Aug. 10	Dederich, C. E.	Detroit	Men's wear	3	3	3
June 6	Deinel Linen Mesh Co.	Detroit	Underwear	2	1	3
June 11	DeLoye's Lace Store	Detroit	Laces and trimmings	7	7	7
July 16	DeLuxe 5 and 10c Store	Detroit	5 and 10c merchandise	2	2	2
Nov. 12	DeLuxe Garments	Detroit	Ladies' garments	2	2	2
Oct. 30	Demois Bros.	Detroit	Groceries and meats	2	1	3
May 18	Dennen's Book Shop	Detroit	Books, etc.	3	5	8
June 6	Dernery & Co.	Detroit	Dry goods	5	17	22
July 16	Detroit Drug Co.	Detroit	Drugs	6	1	7
June 18	Detroit Lighting Fixture Co.	Detroit	Electric chandeliers	10	2	12
July 16	Detroit Mantel & Tile Co.	Detroit	Mantels and fixtures	10	3	13
Oct. 22	Detroit News Co., The	Detroit	Newspapers, etc.	32	17	49
June 13	Detroit Safe Co.	Detroit	Safes	9	1	10
July 16	Detroit Sugar Bowl	Detroit	Confectionery	1	1	2
June 13	Detroit Typewriter Co.	Detroit	Typewriters	10	3	13
July 27	Detroit Wall Paint Co.	Detroit	Paints	2	1	3
May 10	Dickerson & Co.	Detroit	Hats	5	1	6
Sept. 14	Doemer, A. & Son	Detroit	Confectionery	2	1	3
June 14	Doran, Henry S. Co.	Detroit	Musical instruments	3	4	7

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
WAYNE Co.—Con.						
May 9	Douglas, W. L. Shoe Co.	Detroit	Shoes.	6	1	7
May 9	Douglas, W. L. Shoe Co.	Detroit	Shoes.	8	1	9
May 9	Douglas, W. L. Shoe Co.	Detroit	Shoes.	3		3
May 9	Douglas, W. L. Shoe Co.	Detroit	Shoes.	11	1	12
May 9	Douglas, W. L. Shoe Co.	Detroit	Shoes.	6	1	7
June 4	Douglas, W. L. Shoe Co.	Detroit	Shoes.	7	1	8
June 15	Dutton, Andrew Co., The	Detroit	Upholstering	7	3	10
May 9	Dutton, C. E.	Detroit	Drugs	3		3
Aug. 10	Dwight, R. A. Co.	Detroit	Hardware.	6	1	7
July 26	Eastman Drug Co.	Detroit	Drugs	5		5
July 11	Eastern Market Tea & Coffee Co.	Detroit	Coffees and teas	2	2	4
July 16	Edelstein, B.	Detroit	Dry goods	1	1	2
May 24	Edson, Moore & Co.	Detroit	Dry goods	151	23	174
Nov. 13	Elite Candy Co.	Detroit	Confectionery	1	2	3
May 24	Elliott-Taylor-Woolfenden Co.	Detroit	General merchandise.	89	164	253
May 18	Elmer's, Inc.	Detroit	Ladies' wearing apparel.	17	44	61
May 23	Emporium, The.	Detroit	General merchandise.	45	137	182
Aug. 9	Engel Bros.	Detroit	Furniture.	6	1	7
Aug. 10	Engass, Adolph Jewelry Co., The.	Detroit	Jewelry	14	7	21
July 16	Feldman's, H.	Detroit	Groceries.	2	3	5
Nov. 15	Ferndale Style Shop.	Detroit	Dry goods	1	2	3
July 27	Finsterwald Furniture Co.	Detroit	Furniture.	17	3	20
July 16	Finsterwald Clothing Co.	Detroit	Clothing	17	6	23
July 27	Fitsimmons, Jas. Co.	Detroit	Furniture.	8	2	10
June 25	Fiak Rubber Co., The	Detroit	Rubber tires.	24	6	30
July 10	Flattery, Thos. J.	Detroit	Hats	7		7
July 5	Foley, W. E.	Detroit	Confectionery	3	2	5
July 5	Fowler, J. A.	Detroit	Confectionery	1	5	6
May 14	Frank, M. E.	Detroit	Dry goods		2	2
June 6	Frants Premier Distributing Co., The.	Detroit	Electric vacuums, etc.	31	3	34
June 6	Frederic Shop, The	Detroit	Corsets.	1	2	3
July 12	Freed, Harry M. Co., The	Detroit	Ladies' ready to wear.	3	10	13
July 10	Frush, L.	Detroit	5 and 10c store	1	7	8
July 26	Furup, M.	Detroit	Confectionery		1	1
June 16	Fyfe, R. H. & Co.	Detroit	Shoes.	113	61	174
July 18	Gardella, L. P.	Detroit	Confectionery	4	4	8
Aug. 8	Gardner-White Co.	Detroit	Furniture.	17	3	20
July 19	Garlick, J. H.	Detroit	Jewelry	9	1	10
May 24	Gately Clothing Co.	Detroit	Clothing	25	55	80
July 10	Gates, W. E.	Detroit	Candy and cigars	1	2	3
Oct. 26	General Grocer Co.	Detroit	Wholesale groceries.	46	9	55
July 16	Gepp, Walter L.	Detroit	Jewelry.	6		6
June 5	German American Supply Co.	Detroit	House furnishings	6	3	9
July 17	Gies, Emil.	Detroit	Dry goods	2	2	4
Aug. 16	Glen Pharmacy.	Detroit	Drugs	6	2	8
July 11	Globe House Furnishing Co.	Detroit	Furniture.	17	3	20
June 27	Globe Soap Co., The.	Detroit	Premiums.	4	2	6
July 26	Glosser, N.	Detroit	Dry goods	1	2	3
July 11	Goldman, S. L.	Detroit	Men's furnishings	2	2	4
May 24	Goldsmiths & Silversmiths, Inc.	Detroit	Jewelry.	16	6	22
Sept. 4	Golightly, R. A.	Detroit	Dry goods	1	2	3
June 7	Goodyear Raincoat Co.	Detroit	Rubber goods.	5	4	9
June 14	Gorman, John J. Co.	Detroit	Men's wear	9	1	10
June 18	Goudie Market Co.	Detroit	Meats and groceries	32	11	43
Sept. 14	Grand Leader, The	Detroit	Dry goods	2	2	4
July 11	Grand Union Tea Co.	Detroit	Teas and spices	22	6	28
July 20	Grand Upholstering & Furniture Co.	Detroit	Furniture.	26	4	30
Nov. 21	Grandma's Premium Parlors	Detroit	Premiums.	1	1	2
June 11	Gray Furniture Co.	Detroit	Furniture.	24	3	27
Nov. 9	Greenwald, F. A.	Detroit	Drugs		1	1

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>WAYNE Co.—Con.</b>						
June 18	Gregg Hardware Co.	Detroit	Hardware	33	8	41
July 31	Gregory-Mayer & Thom Co.	Detroit	Stationery	95	17	112
Aug. 9	Griggs Furniture Co.	Detroit	Furniture	5	1	6
May 25	Grimshaw & Stevens	Detroit	Men's furnishings	12	2	14
June 8	Griannel Bros.	Detroit	Musical supplies	221	82	303
Aug. 13	Griswold Drug Co.	Detroit	Drugs	6	4	10
July 5	Haines, Wm.	Detroit	Hair goods	1	2	3
Aug. 2	Hakinos, E. A.	Detroit	Dry goods	1	1	2
Aug. 13	Hamilton Grocery Co.	Detroit	Groceries	3	1	4
July 17	Hammelf Candy Co.	Detroit	Confectionery	3	2	5
June 7	Handy Store, The	Detroit	Dry goods	1	2	3
July 17	Hanly Bros.	Detroit	Meats	5	1	6
July 23	Hanna, Jas. E. & Bros.	Detroit	Art goods	5	1	5
Aug. 1	Harter, E. R.	Detroit	Confectionery	1	2	3
July 10	Hartner & Schoneman	Detroit	Dry goods	2	5	7
Sept. 11	Hartwig, W. J. Co.	Detroit	Electric supplies	11	8	19
July 10	Harris, Mrs. Anna	Detroit	Dry goods	2	2	4
Sept. 10	Hastry & Lord	Detroit	Confectionery	4	4	4
July 12	Havlatka, Frank	Detroit	Confectionery	1	1	2
June 25	Healy, D. J.	Detroit	Specialty goods	55	174	229
July 20	Heinold & Schnoor	Detroit	Dry goods	1	1	1
July 11	Heit & Co.	Detroit	Furniture	78	13	91
Aug. 2	Henderson, J. H. Co.	Detroit	Clothing	2	1	3
July 17	Heyn's Bazaar Co.	Detroit	General merchandise	28	128	156
May 14	Hickey, E. J. Co.	Detroit	Clothing	42	17	59
July 10	Hicks, Herman	Detroit	Confectionery	1	3	3
June 14	Hilton, Hart & Garrett Co.	Detroit	Stationery	16	11	27
June 30	Himelhoch Bros. & Co.	Detroit	Women's apparel	20	186	206
July 18	Hirschfeld, J. W.	Detroit	Clothing	6	1	6
May 24	Holihan, Miss N. E.	Detroit	Corsets	1	2	3
June 13	Holtmyer Suit Co.	Detroit	Ladies' garments	2	1	3
May 18	Hudson, J. L. Co., The	Detroit	General merchandise	634	1,159	1,793
Nov. 15	Huff, H. H.	Detroit	Confectionery	1	1	2
Aug. 24	Hunter, R. H. Co.	Detroit	Dry goods	1	4	5
July 6	Huyck, M. H.	Detroit	Men's furnishings	3	1	3
Aug. 8	Isberg, R.	Detroit	Dry goods	2	2	4
May 22	Jackson Sport Shop	Detroit	Sporting goods	2	1	3
July 10	Jefferson Hardware Co.	Detroit	Hardware	4	1	5
May 9	Jersey Butter & Egg Co.	Detroit	Dairy products	2	1	3
Aug. 2	Joephon, Ike.	Detroit	Dry goods	1	1	2
July 16	Joyce Pharmacy	Detroit	Drugs	3	1	3
July 25	Kahn, L. B.	Detroit	Dry goods	1	1	2
June 22	Kaiser-Blair Co.	Detroit	Clothing	26	7	33
July 10	Kaneko, R.	Detroit	Art goods	2	2	4
June 22	Kaplan, H. & Son.	Detroit	General merchandise	4	4	8
July 5	Kaufman, Cleaners	Detroit	Cleaning	1	1	2
June 11	Keenan & Jahn.	Detroit	Furniture	22	6	28
May 10	Kern, Ernst Co.	Detroit	Dry goods	78	290	368
July 23	Kerr, Cora A.	Detroit	Corsets	3	3	3
June 11	Kerwin Co.	Detroit	Confectionery	2	2	2
June 11	Kerwin Co.	Detroit	Confectionery	3	3	3
June 7	Kerwin, Geo. E.	Detroit	Candy	7	15	22
Oct. 22	Kilian & Short	Detroit	Confectionery	2	2	2
June 1	King, L. B. & Co.	Detroit	Crockery, etc.	28	15	43
Aug. 22	Kinsel, E. C.	Detroit	Drugs	42	14	56
Aug. 9	Kirchner, Leo Co., Ltd.	Detroit	General merchandise	12	20	32
July 18	Klett & Cain	Detroit	Furniture, etc.	11	6	17
June 7	Kline Garment Co.	Detroit	Ladies' apparel	62	173	235
June 12	Koenig, A. W. Co.	Detroit	Dry goods, etc.	6	6	12
Aug. 9	Krapp, Ernst Co.	Detroit	Dry goods, etc.	6	5	11

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
WAYNE Co.—Con.						
Nov. 15	Krawsmann, M. A.	Detroit	Dry goods	1	3	4
June 8	Kreage, S. S. Co.	Detroit	5 and 10c store	27	117	144
Nov. 1	Kroger Co., The	Detroit	Groceries	3	1	4
May 29	Kroger Co., The	Detroit	Groceries	1	1	2
July 6	Kroger Co., The	Detroit	Groceries	3	1	4
July 12	Kroger Co., The	Detroit	Groceries	4		4
Aug. 22	Kroger Co., The	Detroit	Groceries	1	3	4
Aug. 13	Kroger Co., The	Detroit	Groceries	5	1	6
Nov. 21	Kroger Co., The	Detroit	Groceries	3	1	4
Dec. 6	Kroger Co., The	Detroit	Groceries	4	2	6
Dec. 7	Kroger Co., The	Detroit	Groceries	3	2	5
Nov. 9	Kroger Co., The	Detroit	Groceries	1	1	2
July 19	Krolik, A. & Co	Detroit	Dry goods	210	14	224
June 22	Kuhn's Confectionery	Detroit	Confectionery	3	24	27
July 5	Kuhn & Young	Detroit	Dry goods	1	3	4
Aug. 1	Lafer Bros	Detroit	Groceries	63	8	71
May 14	Laidlaw, Mrs. Alice	Detroit	Delicatessen		2	2
May 9	Lamkin, E.	Detroit	Confectionery		2	2
June 6	Laughlin, Jas. E. Co.	Detroit	Fountain pens	1	2	3
July 17	Lauts Premium Store	Detroit	Premiums	1	1	2
May 22	Layeta Blouse Shop	Detroit	Blouses	1	2	3
July 23	Le Mar Blouse Shop	Detroit	Blouses		3	3
Sept. 4	Lenhoff Furniture Co.	Detroit	Furniture	9		9
Aug. 17	Lenihan, John J.	Detroit	Dry goods		2	2
Nov. 9	Lenz, H. D.	Detroit	Confectionery		1	1
June 25	Lieberman, M.	Detroit	Furniture	8	1	9
May 10	Liggett, Louis K. Co.	Detroit	Drugs	16	15	31
Nov. 23	Little Book Shop, The	Detroit	Books	1	2	3
Aug. 13	Lohrman Seed Co.	Detroit	Seeds	1	3	4
May 12	Londy, L. & Co.	Detroit	Ladies' garments	6	14	20
Aug. 13	Long, N. G.	Detroit	Confectionery	3		3
July 12	Ludwig, Dora Corset Shop	Detroit	Corsets	1	3	4
July 12	Luster's Bazaar	Detroit	5 and 10c merchandise	1	1	2
Sept. 13	McKensie, Hugh	Detroit	Dry goods	1	1	2
June 7	McLaren Drug Co.	Detroit	Drugs	4		4
July 17	McMillan, G. & R.	Detroit	Groceries	60	16	76
July 12	Mabley, John D. Co.	Detroit	Clothing	29	3	32
May 29	Macauley Bros.	Detroit	Books	4	10	14
Oct. 24	Macauley Bros.	Detroit	Books and stationery	1	2	3
May 28	Macks, Joa. A. & Co.	Detroit	Sporting goods	4	2	6
June 15	MacDiarmid Candy Co.	Detroit	Confectionery	7	39	46
June 15	MacDiarmid Candy Co.	Detroit	Confectionery	1	22	23
June 15	MacDiarmid Candy Co.	Detroit	Confectionery		3	3
May 11	Maier, Martin Co.	Detroit	Trunks, etc	8	4	12
Aug. 7	Majestic Candies	Detroit	Confectionery	1	2	3
Aug. 16	Mangelsdorf, C. Co.	Detroit	Dry goods	2	3	5
June 12	Marsh & Schulte	Detroit	Furniture	3		3
Aug. 13	Mead, E. C.	Detroit	Drugs	8		8
Aug. 9	Mernets, E. & A.	Detroit	Dry goods		4	4
July 17	Merrell, Harvey	Detroit	Groceries	3	1	4
Oct. 22	Messinger, Chas. H. Co., The	Detroit	Confectionery	8	2	10
June 8	Michigan Book Exchange	Detroit	Books	1	1	2
May 11	Michigan Catholic Co.	Detroit	Books & devotional articles		2	2
July 18	Miller, G. E.	Detroit	Jewelry	43	5	48
Aug. 2	Miller's Bakery	Detroit	Baked goods	1	1	2
May 18	Miller Silk Co., The	Detroit	Silks	2	3	5
May 28	Miller & Son	Detroit	Groceries	10	2	12
Nov. 28	Milton Corset Shop	Detroit	Corsets	1	6	7
Aug. 3	Model Dress & Skirt Shop	Detroit	Skirts and dresses	1	1	2
July 6	Mooney, George	Detroit	Furniture	6		6

## DEPARTMENT OF LABOR.

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
WAYNE Co.—Con.						
Nov. 8	Morrison, Thos. B.	Detroit	Novelties.	1	2	3
May 15	Morrison Bros.	Detroit	Confectionery.	6	1	7
July 10	Murphy-Crowley Co.	Detroit	Corsets.		4	4
Aug. 13	National Art Sales Co.	Detroit	Art goods.	1	2	3
Oct. 24	National Grocer Co.	Detroit	Groceries.	62	18	80
May 24	National Retailers Stamp Co.	Detroit	House furnishings.	8	2	10
May 15	Newcomb-Endicott Co.	Detroit	Dry goods.	422	841	1,263
July 26	Newland Hat Co.	Detroit	Hats, caps, etc.	7	2	9
Aug. 3	New York Cloak Co.	Detroit	Cloaks and suits.	1	1	2
June 13	New York Clothing Co.	Detroit	Men's furnishings.	6	1	7
Aug. 9	New York Trimming & Lining Co.	Detroit	Silks, laces, etc.	5	24	29
June 15	Noack & Gorenflo.	Detroit	Jewelry.	9	3	12
Oct. 24	Northern Home Rubber Co.	Detroit	Rubber goods.	4	1	5
Aug. 2	Northwestern Confectionery.	Detroit	Confectionery.	1	2	3
May 18	Northwestern Floral Co.	Detroit	Flowers.	2	1	3
July 12	Novelty Store, The.	Detroit	Dry goods.	1	1	2
June 21	O'Brien & Co.	Detroit	Groceries.	33	5	38
June 21	Ohio Rubber Co., The.	Detroit	Rubber goods.	8	5	13
Aug. 9	Ollinger, R. E.	Detroit	Groceries.	4	2	6
May 9	Olympia Candy Co.	Detroit	Candies.	6	4	10
July 17	Ontra, S.	Detroit	Fancy work.	1	1	2
July 10	Opp, Fred.	Detroit	Confectionery.	1	2	3
July 13	Ouellete, G. J.	Detroit	Dry goods.	1	2	3
June 19	Owen & Company.	Detroit	Furniture, etc.	43	9	52
Oct. 13	Pack-Wolin Shop.	Detroit	Ladies' wear.	1	24	25
Sept. 10	Parker, Webb & Co.	Detroit	Meats.	28	1	29
Aug. 1	Passmore & Stickel.	Detroit	Dry goods.	1	4	5
Nov. 19	Pathe Shop, The.	Detroit	Musical instruments.	5	2	7
June 6	Payette-Walsh & Co.	Detroit	Cigars.	8	2	10
Nov. 1	Pearlman, J. L.	Detroit	Groceries.	1	2	3
June 15	Peoples Outfitting Co.	Detroit	Furniture, etc.	71	54	125
July 26	Pernick, Dave.	Detroit	Drugs, etc.	1	2	3
Aug. 10	Finkerton Drug Co.	Detroit	Drugs.	5	5	10
Aug. 2	Pollock, Wm.	Detroit	Dry goods.	1	1	2
June 8	Polaki, Paul.	Detroit	Blouses.	1	1	2
July 20	Posselius, A. & Co.	Detroit	Furniture, carpets, etc.	22	3	25
Nov. 5	Potts Drug Co.	Detroit	Drugs.	6	3	9
Sept. 10	Prime Tea Co., The.	Detroit	Teas and coffees.	13		13
July 5	Putnam, A. W.	Detroit	Toys and cigars.	2	2	4
July 11	Queen Anne Soap Co.	Detroit	Premiums.		2	2
May 12	Queen Quality Boot Shop.	Detroit	Shoes.	11	4	15
July 5	Rall, O. V.	Detroit	Confectionery.	2	5	7
July 13	Ranspach Bros.	Detroit	Groceries.	5	1	6
Nov. 1	Rapp, Ida A.	Detroit	Dry goods.		1	1
May 25	Ray, T. B. & Co., The.	Detroit	Hardware.	92	28	120
July 13	Raymo, Jos. Co.	Detroit	Hardware.	6		6
July 13	Reeber, Chas. & Bros.	Detroit	Dry goods and furniture.	7	5	12
May 14	Reed, Dr. A. Cushion Shoe Co.	Detroit	Shoes.	5	1	6
July 10	Reed, Wm. H.	Detroit	Wall paper.	7	1	8
July 27	Redelsheimer, Max.	Detroit	Optical goods.	3	2	5
May 24	Regal Shoe Co.	Detroit	Shoes.	11	1	12
Aug. 16	Reindel, Geo. J. & Co.	Detroit	Furniture.	7	1	8
May 21	Reliable Furniture Co., The.	Detroit	Furniture.	28	7	35
Aug. 13	Reliable Grocery & Meat Co., The.	Detroit	Groceries and meats.	9	1	10
June 11	Richmond & Backus Co., The.	Detroit	Stationery.	53	13	66
July 18	Ritter, C. H. Co.	Detroit	Liquors.	27		27
July 16	Roberts Furniture Co., The.	Detroit	Furniture.	5	1	6
Aug. 3	Robinson-Cohen Co.	Detroit	General merchandise.	27	23	50
July 20	Roger's Candies.	Detroit	Confectionery.	1	1	2
June 6	Roger Shoe Co.	Detroit	Shoes.	17	1	18

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
WAYNE Co.—Con.						
July 5	Rolshoven, F. & Co.	Detroit	Jewelry	9	1	10
May 11	Rothman, E. M.	Detroit	Men's furnishings	3	1	4
July 19	Rothstein, Samuel E.	Detroit	Dry goods	1	2	3
Aug. 13	Roselle, H. D.	Detroit	Confectionery	1	3	4
July 18	Rosenberg & Ettlinger	Detroit	Women's apparel	4	27	31
Aug. 7	Ross, F. D. Co.	Detroit	Confectionery	1	3	4
July 23	Rowley Hair Shop	Detroit	Hair goods	7	4	11
July 10	Ruby, Alfred J., Inc.	Detroit	Shoes	7	6	13
May 29	Rush, Mrs. F.	Detroit	Flowers	1	3	4
May 14	Russell Co., The	Detroit	Women's apparel	26	83	109
June 13	R. and H. Shoe Co.	Detroit	Shoes	15	25	40
May 18	Sallan, Sol	Detroit	Jewelry	15	3	18
May 28	Sanders, Fred	Detroit	Confectionery	13	105	118
May 18	Schaefer Rubber Co.	Detroit	Rubber goods	3	2	5
May 25	Schettler, Geo. M.	Detroit	Drugs	36	1	37
May 22	Schettler, Geo. M.	Detroit	Drugs	3		3
July 18	Schiappacasse, Chas.	Detroit	Confectionery	1	2	3
May 31	Schiller-Stein & Co.	Detroit	Dry goods	5		5
July 10	Schmittdeil, J. A.	Detroit	Dry goods	2	1	3
Nov. 21	Schneider Tea and Coffee Co.	Detroit	Groceries	3	1	4
July 18	Schneider & Konkel	Detroit	Confectionery	2	2	4
June 7	Schroeder Bros, Hardware Co.	Detroit	Hardware	14	3	17
July 25	Schroeder Paint & Glass Co.	Detroit	Paints and glass	69	12	81
May 11	Schroeder & Weitzman	Detroit	Jewelry	3		3
May 25	Schrom, Fred	Detroit	Women's apparel	6	19	25
July 13	Schroeter, B.	Detroit	Flowers	5	2	7
Nov. 1	Schultz, G. M.	Detroit	Drugs	2	2	4
Aug. 1	Segalbaum, A.	Detroit	Ice cream	1	1	2
July 6	Seltman Shoe Co.	Detroit	Shoes	11	1	12
June 1	Seltzer, Leonard A. Co.	Detroit	Drugs	9	2	11
July 10	Shaberry Bros	Detroit	Groceries	3	1	4
May 17	Sheshan, John V. & Co.	Detroit	Books, toys, etc.	7	19	26
July 16	Sheil Bros	Detroit	Baked goods	2	2	4
July 25	Siegel, R. Co.	Detroit	Women's apparel	66	372	438
June 14	Siegel, Wm.	Detroit	Dry goods	1	2	3
July 11	Silver Produce Co.	Detroit	Fruits, etc.	4	1	5
July 13	Singer Sewing Machine Co.	Detroit	Sewing machines	6	2	8
July 5	Skimin, E. C.	Detroit	Drugs	4	2	6
July 13	Sloan, H. J.	Detroit	Furniture	5	1	6
May 14	Smith, C. F. Co.	Detroit	Groceries	2	2	4
May 29	Smith, C. F. Co.	Detroit	Groceries	4		4
Nov. 20	Smith, C. F. Co.	Detroit	Groceries	2		2
Sept. 14	Smith, C. F. Co.	Detroit	Groceries	4	1	5
Sept. 16	Smith, C. F. Co.	Detroit	Groceries	6		6
July 5	Smith, C. F. Co.	Detroit	Groceries	5	1	6
May 29	Smith, C. F. Co.	Detroit	Groceries	3		3
Aug. 15	Smith, C. F. Co.	Detroit	Groceries	3	1	4
July 16	Smith, C. F. Co.	Detroit	Groceries	3		3
Aug. 16	Smith, C. F. Co.	Detroit	Groceries	2		2
Nov. 9	Smith, C. F. Co.	Detroit	Groceries	2	1	3
July 16	Smith, C. F. Co.	Detroit	Groceries	1	1	2
Aug. 16	Smith, C. F. Co.	Detroit	Groceries	4		4
Nov. 9	Smith, C. F. Co.	Detroit	Groceries	2		2
July 13	Smith, C. F. Co.	Detroit	Groceries	3		3
July 13	Smith, C. F. Co.	Detroit	Groceries	2		2
Aug. 3	Smith, C. F. Co.	Detroit	Groceries	3	1	4
Aug. 7	Smith, C. F. Co.	Detroit	Groceries	3	1	4
Aug. 13	Smith, C. F. Co.	Detroit	Groceries	4		4
Oct. 24	Smith, C. F. Co.	Detroit	Groceries	3	1	4
Aug. 2	Smith, L. H.	Detroit	Confectionery	1	1	2

## Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
WAYNE Co.—Con.						
May 22	Smith, Peter & Sons Grocery Co.	Detroit	Groceries	35	27	62
May 29	Speck Bros.	Detroit	Furniture	5	1	6
June 6	Stahl's Boot Shop	Detroit	Shoes	4	2	6
May 22	Standard Drug Store	Detroit	Drugs	32	44	76
July 16	Starr Piano Co., The	Detroit	Musical instruments	13	1	14
Aug. 8	Sterling Shoe Co.	Detroit	Shoes	1	1	2
June 14	Strang & Son	Detroit	Jewelry	3		3
July 6	Struts & Schmidt	Detroit	Dry goods	2	1	3
July 2	Sturn, B. J.	Detroit	Toys and novelties	8		8
May 15	Sullivan, J. F.	Detroit	Flowers	4	2	6
July 12	Sullivan, John R.	Detroit	Furniture	13	2	15
July 13	Summerfield & Hecht	Detroit	Furniture	92	18	110
July 29	Sun Furnishing Co.	Detroit	Furniture	6	1	7
July 23	Tadross-Zalhoue	Detroit	Oriental rugs	4		4
June 9	Taepke, Gust. H. Co.	Detroit	Flowers	4	3	7
Aug. 13	Taepke-Zepf Paint Co.	Detroit	Paints	7	2	9
July 22	Thatcher, F. R.	Detroit	Shoes	5	3	8
Aug. 15	Thorne, Maidment Co.	Detroit	Dry goods, etc.	2	5	7
Aug. 10	Towle Smoke Shop	Detroit	Tobacco	2	1	3
July 10	Trombly's Sons	Detroit	Furniture	7	1	8
Aug. 3	Tryon Confectionery	Detroit	Candies and ice cream	1	1	2
July 23	Tuttle & Clark	Detroit	Leather goods, etc.	7	3	10
Aug. 9	United Cigar Stores Co.	Detroit	Cigars and tobacco	5		5
July 13	United Silk Co.	Detroit	Silks	1	2	3
Aug. 1	Van Hoey, P. H.	Detroit	Dry goods	1	1	2
Aug. 1	Vapor, Chas.	Detroit	Fruits	3	1	4
Oct. 30	Vapor, Mrs. E. G.	Detroit	Confectionery		2	2
Dec. 7	Wadley, Mrs. Alice	Detroit	Toilet articles, etc.		13	13
May 21	Wallace, David & Sons	Detroit	Groceries	23	5	28
July 10	Warren, Chas. W. & Co.	Detroit	Jewelry	12		12
May 25	Watkins Cigar Store	Detroit	Cigars	3		3
Aug. 2	Watson, Harry P.	Detroit	Dry goods, etc.	1	4	5
Sept. 14	Watson, Harry W. Co.	Detroit	Cigars	16	5	21
July 31	Webber, Geo. F.	Detroit	Knit goods	14	5	19
July 12	Weber, A. F.	Detroit	Groceries	1	2	3
Nov. 8	Wedell & Boers	Detroit	Travelers' goods	6	1	7
Oct. 25	Welt & Sons Paper Co.	Detroit	Paper	7	1	8
Aug. 16	Werner, C. H. & Sons Co.	Detroit	Crockery, etc.	16	3	19
Nov. 9	West Warren Candy Works	Detroit	Confectionery		1	1
May 18	Wheeler's Variety Store	Detroit	5 and 10c merchandise	1	1	2
July 18	White Front Butter & Egg Co.	Detroit	Butter, etc.	2	1	3
July 6	Whittaker, F.	Detroit	Confectionery	4		4
Oct. 30	Whittaker Paper Co., The	Detroit	Paper	22	4	26
July 6	Wiber, Henry C. & Co.	Detroit	Hardware	27	9	36
Aug. 16	Wickham's Kandy Shop	Detroit	Confectionery		3	3
Aug. 16	Williams-Davis-Brooks & Hinchman Sons	Detroit	Drugs	177	87	264
May 17	Wilson Shoe Co.	Detroit	Shoes	26	14	40
Aug. 10	Wirik's Glove Shop	Detroit	Gloves, hosiery, etc.	1	3	4
May 9	Wirth, John	Detroit	Dry goods	2	2	4
Aug. 3	Wolf, Fred H.	Detroit	Shoes	4		4
June 1	Wolf, H.	Detroit	Ladies' furnishings	1	2	3
Sept. 14	Wolf Bros.	Detroit	Dry goods	3	3	6
Sept. 4	Wolverine Creamery Products Co.	Detroit	Dairy products	5	4	9
June 14	Woodhouse, John T. & Co.	Detroit	Tobacco	92	22	114
May 15	Woodward Ave. Bargain House	Detroit	Women's apparel	1	9	10
Nov. 5	Woodward Candy Shop	Detroit	Confectionery	2	2	4
June 7	Woolworth, F. W. Co.	Detroit	5 and 10c merchandise	30	154	184
June 17	Woolworth, F. W. Co.	Detroit	5 and 10c merchandise	21	103	124
May 25	Worth & Co.	Detroit	Ladies' apparel	20	64	84
Aug. 1	Wright, Kay & Co.	Detroit	Jewelry	29	9	38



Inspection of stores.—Concluded.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
<b>WAYNE CO.—Con.</b>						
Aug. 1	Wright & Parker	Detroit	Groceries	4	1	5
Aug. 3	Wright & Parker	Detroit	Groceries	4	2	6
Nov. 9	Wright & Parker	Detroit	Groceries	1	1	2
Aug. 3	Wright Store, The	Detroit	Dry goods	1	2	3
July 18	Yale Hat Co.	Detroit	Hats	10	1	11
June 8	Yale Hat Store	Detroit	Hats	3		3
Aug. 15	Zeckman, Chas. A.	Detroit	Dry goods	3	1	4
June 6	Zins, Paul C.	Detroit	Jewelry	3	2	5
July 26	Edwarda, Mrs.	Highland Park	Dry goods	2	3	5
July 26	Hart Bros.	Highland Park	Confectionery, etc.	2	2	4
July 27	Hutchin, H. & Co.	Highland Park	5 and 10c merchandise	1	8	9
Nov. 2	Kroger Co., The	Highland Park	Groceries	4	1	5
Nov. 2	Smith, C. F. Co.	Highland Park	Groceries	6	1	7
Nov. 2	Smith, C. F. Co.	Highland Park	Groceries	3	1	4
July 9	Bernstein, J.	River Rouge	Dry goods	2	1	3
July 9	Cohen, S.	River Rouge	Dry goods	2	1	3
May 10	Delray Dry Goods Co.	River Rouge	Dry goods	2	4	6
May 10	Goldberg, H. M.	River Rouge	Ladies' furnishings	2	2	4
July 9	S. & M. Co.	River Rouge	5 and 10c merchandise	1	3	4
May 10	Jewel Department Store	River Rouge	General merchandise	2	4	6
May 10	Kantor, B.	River Rouge	Dry goods	1	1	2
May 10	Lazar & Leebore	River Rouge	Groceries	5		5
May 10	Nadeau, F. C.	River Rouge	Confectionery, etc.	2	1	3
May 10	Parsons, Geo.	River Rouge	Groceries	3		3
May 10	Steinberg, L. L. Co.	River Rouge	Dry goods, etc.	2	1	3
Nov. 19	Warmbier, A.	River Rouge	Dry goods	1	1	2
July 9	Wolf, John	River Rouge	Men's clothing	2	1	3
Nov. 19	Zimmerman, Isaac	River Rouge	5 and 10c merchandise	1	3	4
<b>WEXFORD COUNTY.</b>						
Feb. 12	Auer, H. C.	Cadillac	Men's furnishings	2		2
Feb. 12	Beckman's Big Store	Cadillac	Clothing and shoes	1	3	4
Feb. 12	Drebin, H.	Cadillac	Dry goods	3	4	7
Feb. 13	Drury & Kelley Hardware Co.	Cadillac	Hardware	13		13
Feb. 12	Harvey, J. W. Co.	Cadillac	Dry goods	2	12	14
Feb. 12	Hector's, E. R.	Cadillac	Groceries	3		3
Feb. 12	Johnson, John	Cadillac	Hardware	3		3
Feb. 12	Kryger, Chris C.	Cadillac	Furniture	2		2
Feb. 12	McGee's Shoe Store	Cadillac	Shoes	2	1	3
Feb. 12	Nickels-Merts & Co.	Cadillac	5 and 10c merchandise	1	3	4
Feb. 13	Olson's Shoe Store	Cadillac	Shoes	2		2
Feb. 12	Wardell-Olson Co.	Cadillac	Clothing, etc.	2		2
Feb. 13	Bartlett, A. B.	Manton	Hardware	2		2
Feb. 13	Bostick, Chas. H. & Son	Manton	Drugs and sundries	1	1	2
Feb. 13	Cade Drug Co.	Manton	Drugs and sundries	1	1	2
Feb. 13	Eastman's Lunch Room	Manton	Baked goods and groceries	1	1	2
Feb. 13	Hill, Fred E.	Manton	General merchandise	2		2
Feb. 13	Labonte & Ransom Co.	Manton	General merchandise	2	2	4
Feb. 13	McGregor Hardware Co.	Manton	Hardware	3		3
Feb. 13	Manton Mercantile Co.	Manton	General merchandise	1		1
Feb. 13	Mears, William	Manton	General merchandise	1	1	2
Feb. 13	Muche, Jno. A.	Manton	Furniture	1		1
Feb. 13	Murray, M. W.	Manton	Notions	1		1
Feb. 13	Nadeau & Lindberg	Manton	General merchandise		2	2
Feb. 13	Swanson, Reynold	Manton	General merchandise	2		2
Feb. 13	Vandercook, Frank H.	Manton	Groceries, etc.	1	1	2

## ORDERS ISSUED FOR STORES 1917.

- Adrian.* November 20, 1917.  
GRINNELL BROTHERS MUSIC HOUSE.—At once designate toilet on second floor For Women Only.
- Allegan.* October 3, 1917.  
BURGESS, D. E., DEPARTMENT STORE.—At once equip elevator with automatic gates, door or traps. Place guard around elevator on first floor. Designate toilet for ladies.
- Ann Arbor.* September 7, 1917.  
HELBEE, L. C., GROCERY.—At once have toilet placed in proper condition so as to stop flow of water through ceiling above grocery store and have plaster replaced where water has caused same to fall off.  
July 28, 1917.  
MILES, E. C., GROCERY.—At once put back of store in such a condition that a clear passageway is always open to and from back door. Remove all boxes, etc. from stairway leading to basement and keep a passageway open in basement from rear to stairway at front. These aisles or passageways must at all times be kept free and clear from all obstructions.  
August 23, 1917.  
MODDER, E. C.—At once remove all empty cans and rubbish from basement.
- Bay City.* September 7, 1917.  
GOETZ DEPARTMENT STORE.—At once clean toilet used by the women of your employ, also cleanse bowls.  
September 7, 1917.  
THE HAWLEY DRY GOODS Co.—At once provide a separate and distinct toilet for female employes and designate it as such. Do not allow the public to use such toilets.  
September 4, 1917.  
LIBERAL CLOTHING Co.—At once put in ventilation pipe in ladies toilet and also give general cleaning to same.  
September 6, 1917.  
LOUIS DRUG Co.—At once provide a separate and distinct toilet for your female employes and designate same as such.  
September 5, 1917.  
SEITNER DRY GOODS Co.—At once give toilet used by the ladies in your employ a thorough cleaning.  
January 20, 1917.  
THOMPSON, M. F.—At once file working papers for employee who is under fifteen years of age. Do not allow your female help to work longer than 10 hours in any one day or longer than 54 hours in any one week.
- Birmingham.* September 14, 1917.  
BIRMINGHAM DEPARTMENT STORE.—At once put gates around elevator on first floor of building.  
September 14, 1917.  
BIRMINGHAM GROCERY.—At once install sanitary toilet in building occupied by E. A. Mudge owned by J. F. Wooster.

September 14, 1917.

CHAMBERS, H. S., QUALITY SHOP.—At once install sanitary toilet in building located at 127 West Maple Ave.

September 15, 1917.

COBB, JAMES W., DRUGS.—At once install sanitary toilet in building located 104 South Woodward Ave.

September 15, 1917.

MINER GROCERY Co.—At once install sanitary toilet. Place cellar door leading into basement in safe condition.

September 15, 1917.

MUDGE, C. E., POOL ROOM.—At once install sanitary toilet in building occupied as a pool room.

*Dexter.*

August 28, 1917.

ALLEY, C. B. & SON.—At once clean out basement in store and remove all rubbish, also keep passageway leading to basement free from obstruction.

*Detroit.*

March 30, 1917.

BOKOR, I.—At once arrange the hours of your female employe to conform with the fifty-four hour law.

July 20, 1917.

EMPORIUM, THE.—At once discontinue employing female help longer than ten hours in any one day or longer than 54 hours in any one week.

July 26, 1917.

GLEN'S, PHARMACY.—At once arrange hours of female and minor help to conform with the fifty-four law.

July 10, 1917.

HARTNER & SCHONEMAN.—At once arrange to have more light in toilet used by women of your employ.

June 22, 1917.

HOUSEY'S, JOHN, STORE.—At once discontinue employing female help for a period longer than 10 hours in any one day or longer than 54 hours in any one week.

July 16, 1917.

JOYCE, J. H.—At once procure and keep on file working permits for all employes under sixteen years of age.

January 13, 1917.

KILGER'S CONFECTIONERY.—At once discontinue employing females for a period longer than ten hours in any one day nor longer than fifty-four hours a week.

November 9, 1917.

KLINE GARMENT Co.—At once provide stationary stools for the use of your first floor female employes, at least one for every two persons.

March 4, 1918.

LEMON & CONLEY'S GROCERY.—At once procure and keep on file working permits for all employes under sixteen years of age.

April 5, 1917.

MARRIOTT, HARRY.—At once arrange the hours of your female employes to conform with the fifty-four hour law.

August 13, 1917.

MEAD, E. C.—At once procure and keep on file working permits for all employes under sixteen.

March 30, 1917.

**RIENITZ FIVE & TEN CENT STORE.**—At once arrange the hours of your female employes to conform with the fifty-four hour law and procure and keep on file working permits for all employes under 16 years of age.

March 30, 1917.

**ROSENGARTEN'S.**—At once arrange the hours of your female employes to conform with the fifty-four hour law.

February 29, 1917.

**ROSS CONFECTIONERY STORE.**—At once discontinue employing females for a period longer than ten hours in any one day or longer than 54 hours in any one week.

March 26, 1917.

**SEGEL, B., Co.**—At once see that wash bowls on sixth floor in toilet room are placed and kept in a sanitary condition.

November 15, 1917.

**SMITH, C. F. & Co.**—At once discharge all children under the age of 16 years and do not employ any children under said age without placing on file working permits. Arrange the hours of females and boys under 18 years of age to conform with the fifty-four hour law. This order is effective in all branches of this company.

March 30, 1917.

**S. & M. COMPANY.**—At once arrange the hours of your female employes to conform with the fifty-four hour law, and provide lock for toilet.

February 18, 1918.

**THIERRY, H. H., BOWLING ALLEYS.**—At once discharge boy under 14 years of age in your employ. Do not permit boy under 16 years old to work without a permit.

*Eaton Rapids.*

June 12, 1917.

**HALE & PETTIT.**—At once obtain permit for boy in your employ.

*Escanaba.*

April 12, 1917.

**SCANDIA Co-OPERATIVE ASSOCIATION.**—At once provide separate toilet for use of females in your employ.

*Farmington.*

September 13, 1917.

**COOK & Co.**—At once either remove iron grating from at least two windows in rear of store on second floor, or put same on hinges so that same can be opened at any time during working hours. Place posters in second story denoting exit through these openings in case of fire.

September 13, 1917.

**SMITH, C. F.**—At once remove all boxes from foot of stairs in basement, and place two chairs or stools for female employes so same can be used by them at any time.

*Flint.*

April 17, 1917.

**SEITNER Co., THE.**—At once provide ventilation for toilet in basement used by the women of your employ, keep said toilet in more sanitary condition.

July 5, 1917.

**SMITH, O. M., Co.**—At once place fire escape on building.

September 19, 1917.

**SMITH, O. M., Co.**—At once provide one more toilet for the females of your employ.

September 18, 1917.

**VOGUE, THE.**—At once procure and keep on file permit for boy under 16 years of age.

September 18, 1917.

**WARRICK BROTHERS.**—At once clean and keep in more sanitary condition the wash and toilet room used by the women of your employ.

*Grand Rapids.*

December 17, 1917.

**WOOLWORTH, F. W.**—At once install storm door or vestibule at front door of building at 208 Monroe Street.

*Hancock.*

September 24, 1917.

**QUYLE M., MR. OWNER STORE. 410½ QUINCY ST.**—At once install toilet for use of females employed in store of Miss S. Joassen, and keep said toilet in sanitary condition at all times.

*Highland Park.*

November 2, 1917.

**KROGER GROCERY CO., THE.**—At once place and keep in a sanitary condition and provide light for toilet used by your female employes.

November 2, 1917.

**SMITH, C. F., Co.**—At once place and keep in a sanitary condition toilet used by your females.

*Hillsdale.*

November 19, 1917.

**MORRIS Co., THE.**—At once provide a toilet for the use of female employes and designate it as such.

*Holland.*

October 25, 1917.

**FRENCH CLOAK HOUSE.**—At once provide better ventilation in toilet also clean and keep same more sanitary.

October 25, 1917.

**STEKETEE, B.**—At once designate toilet in basement For Women Only.

October 25, 1917.

**VAN DER SLUIS DRY GOODS STORE.**—At once discontinue employing female help for a period longer than ten hours a day or longer than 64 hours per week.

*Iron Mountain.*

January 10, 1918.

**CAMERON, KATHERINE, MRS.**—Within thirty days install toilet on first floor of building occupied by Eugene Brothers, for use of the employes in said store.

January 2, 1918.

**HANSON & BOYD.**—At once repair toilet and put same in good sanitary condition, also install light in same.

*Mt. Clemens.*

February 1, 1917.

**MT. CLEMENS FIVE AND TEN CENT STORE.**—At once provide light for stairway.

*Muskegon.*

October 6, 1917.

**INDEPENDENT STORE.**—At once provide ventilation for toilet in basement, designate said toilet For Women Only.

October 6, 1917.

**JACOBS, DAVID.**—At once clean and keep in more sanitary condition the toilet and designate same For Women Only.

- October 6, 1917.
- PEOPLES CREDIT CLOTHING Co.—At once designate toilet For Women Only.
- October 7, 1917.
- RED FRONT STORES.—At once clean and keep in more sanitary condition the toilet used by the females in your employ. Designate toilet For Women Only.
- Ontonagon.* November 17, 1917.
- CARBOL, EDWARD.—Within sixty days install a toilet in building owned by you and occupied by E. J. Ostrander as a drug store.
- November 17, 1917.
- JONES, C. A.—Within thirty days install toilet in building on River Street owned by you and occupied by W. C. Marley for a dry goods store. Keep said toilet in good condition at all times.
- Owosso.* September 20, 1917.
- CHICAGO CLOTHING STORE.—At once give toilet used by women in your employ general cleaning.
- September 20, 1917.
- KAUFMAN, A.—At once place light in toilet, ventilate and keep same in sanitary condition.
- Pewamo.* August 21, 1917.
- PEWAMO HARDWARE Co.—At once procure and place on file permit for boy under 16 years of age.
- Pontiac.* January 10, 1917.
- NATIONAL CREDIT Co.—At once clean and properly designate women's toilet room.
- Port Huron.* August 6, 1917.
- CARLISLE, L. H.—At once file working permits for employe under 16 years of age.
- August 7, 1917.
- HYBOYE, TONY, FRUIT & ICE CREAM.—At once procure and place on file permit for employe under 16 years of age.
- August 3, 1917.
- MARX BROTHERS.—At once procure and place on file permits for boys in your employ under 16 years of age.
- Posen.* October 29, 1917.
- GABRYSLAK, MIKE.—At once arrange hours of women employes to conform with the fifty-four hour law, and file permits for all employes under sixteen years of age.
- River Rouge.* April 27, 1917.
- PARSONS, GEORGE, Co.—At once comply with Section 10 of the Labor Laws and arrange the hours of your minor employes to conform to the 54-hour law.
- April 27, 1917.
- RIVARD, L. P.—At once procure and keep on file working permits for all employes under sixteen years of age.
- Royal Oak.* February 5, 1917.
- CODLING, J. F., Co.—At once provide a proper toilet for the use of your female employe.

February 5, 1917.

MARION, CHARLES E.—At once procure and keep on file working permits for all employes under sixteen.

February 5, 1917.

RED CROSS PHARMACY.—At once procure and keep on file working permits for all employes under sixteen.

July 25, 1917.

ROY, MRS. EDWARD.—At once provide a proper sanitary toilet for the use of the female employes of the J. Lochbiler Company, tenants of building owned by you at 1305 Main Street.

February 5, 1917.

YE BOOTERYE.—At once procure and keep on file working permits for all employes under sixteen.

*Saginaw.*

August 28, 1917.

BERNHARD Co., THE.—At once clean dressing room. Provide better ventilation in toilet room used by the women in your employ, and keep said toilet in more sanitary condition.

August 21, 1917.

BOSTON VARIETY STORE.—At once provide better ventilation for toilet on first floor used by the women in your employ.

August 22, 1917.

FERRIS BROTHERS.—At once procure and keep on file in your office working permits for all children under sixteen years of age.

June 6, 1917.

SOBEL, PHILIP.—At once designate toilet For Women Only and do not allow men to use said toilet.

*South Lyon.*

September 10, 1917.

BASCARINO, JOE.—At once put floor in basement also put in balance of floor in back room leading to basement.

September 11, 1917.

HOLLOWAY, A. E.—At once put cement floor in basement and keep passageway leading to same clear from obstructions.

September 10, 1917.

RICHARDSON, H. L., FURNITURE.—At once remove rubbish in back store shed adjoining building, also keep passageways open to back doors. Remove ashes, papers and all rubbish in basement of store and clean up same generally.

September 11, 1917.

WALLACE, E. D.—At once put railing from first to second floor on stairway.

*Ypsilanti.*

July 16, 1917.

CLARK BROTHERS FURNITURE & UNDERTAKING.—Within thirty days place fire escape on building now occupied at 208 Michigan Avenue.

July 17, 1917.

HUTCHINS, H. & Co.—At once place seats for lady clerks throughout store.

July 17, 1917.

MACK & MACK, FURNITURE & UNDERTAKING.—At once remove bedding material from entrance of stairway leading to basement. Remove all material of all kinds from back stairway leading to second floor and keep passageway clear of all obstructions leading to and from said stairway.

## SUMMARY OF

Number of inspection.	Name of county.	Number men employed as managers.		Number who receive wages.		Average daily wages.		Number women employed as managers.		Number who receive wages.		Average daily wages.		Number men employed as bookkeepers.		Number who receive wages.		Average daily wages.		Number women employed as bookkeepers.		Number who receive wages.		Average daily wages.		Number men employed as stenographers.		Number who receive wages.		Average daily wages.			
8	Alcona	8						1																									
15	Alger	18						1																									
60	Allegan	75	4	\$4 00	3	3 44	3	1	\$2 50					5																			
60	Alpena	59	5	3 60	1	3 60	1	1	2 00					1	1	2 50																	
17	Antrim	21	2	3 25	1	3 25	1																										
26	Arenac	34						1																									
10	Baraga	10	2	4 92	1	4 92	1							1	1	2 50																	
3	Barry	2																															
70	Bay	74	29	4 83	6	4 83	6	5	2 53	11	11	3 82																					
15	Benzie	15																															
37	Berrien	49	10	3 80	3	3 80	3	1	1 50																								
11	Branch	19	1	8 00	3	8 00	3	2	3 50					1	1	2 65																	
58	Calhoun	63	17	5 36	5	5 36	5							1	1	3 00																	
12	Cass	17						1	2 00																								
35	Charlevoix	38	2	2 53	8	2 53	8	1	2 00																								
50	Cheboygan	49	1	3 00	4	3 00	4							1	1	3 33																	
30	Chippewa	34	1	10 00	1	10 00	1							1	1	5 83																	
26	Clare	30						1																									
7	Clinton	7																															
13	Crawford	13																															
34	Delta	52	20	4 03	5	4 03	5	4	2 81	3	3	3 70																					
41	Dickinson	50	3	4 27	8	4 27	8	2	3 17					2	1	3 00																	
69	Eaton	88	6	3 14	4	3 14	4	1	3 33					2	2	2 92																	
34	Emmet	40	4	3 51	11	3 51	11							1	1	2 75																	
50	Genesee	65	29	5 98	6	5 98	6	5	3 26	5	5	3 60																					
26	Gladwin	32	2	3 75	1	3 75	1																										
64	Gogebic	83	8	4 79	8	4 79	8	2	3 17					2	1	3 00																	
20	Grand Traverse	34	16	4 22	5	4 22	5	4	3 53	4	4	3 04																					
61	Gratiot	78	1	3 33	3	3 33	3							3	3	2 50																	
13	Hillsdale	17	3	2 45		2 45																											
174	Houghton	200	18	85 89	25	85 89	25	3	2 76	19	17	3 07																					
47	Huron	59	27	3 95	2	3 95	2	2	2 16	11	11	3 40																					
71	Ingham	100	32	2 23	16	2 23	16	15	2 93	7	6	2 22																					
176	Ionia	197	13	2 47	14	2 47	14	2	3 00																								
18	Iosco	17	1	4 25	5	4 25	5	1	2 50																								
42	Iron	47	1	3 00	11	3 00	11	1	1 50	3	3	3 27																					
43	Isabella	58	2	4 16		4 16																											
41	Jackson	43	39	6 11	10	6 11	10	10	5 56	3	3	4 14																					
50	Kalamazoo	52	34	5 68	4	5 68	4	4	6 19	10	10	4 95																					
4	Kalkaska	6																															
313	Kent	392	139	5 65	54	5 65	54	41	3 56	34	34	3 71																					
7	Keweenaw	8	2	5 62	1	5 62	1							4	4	3 80																	
1	Lake	1																															
32	Lapeer	41	13	2 97	4	2 97	4	1	1 50																								
15	Leelanau	15												2	2	2 72																	
15	Lenawee	20	2	10 00		10 00								3	3	2 97																	
3	Livingston	4												1	1	3 33																	
9	Luce	8						1	1 75					1	1	3 50																	
15	Mackinac	18	1	2 50	2	2 50	2							1	1	3 00																	
20	Macomb	22	2	4 00		4 00																											



STORE INSPECTION.

Number women employed as stenographers.	Number who receive wages.	Average daily wages.	Number men employed as cashiers.	Number who receive wages.	Average daily wages.	Number women employed as cashiers.	Number who receive wages.	Average daily wages.	Number salesmen employed.	Number who receive wages.	Average daily wages.	Number salesladies employed.	Number who receive wages.	Average daily wages.	Number men cash clerks employed.	Number who receive wages.	Average daily wages.
									8	7	\$2 00	1					
						1	1	\$1 83	16	16	2 52	5	5	\$1 13			
						1	1	1 00	85	85	2 45	55	50	1 38			
			1	1	\$2 50	2	2	2 00	87	84	2 28	58	56	1 26	2	2	\$0 79
									14	14	2 13	11	11	1 45			
									13	13	2 01	14	14	1 40			
									13	12	2 51	1	1	1 00			
12	12	\$1 80	2	2	1 75	10	10	1 93	149	149	2 66	251	251	1 34	1	1	0 83
						1	1	2 00	12	9	2 11	7	5	1 25			
1	1	1 16	1	1	3 00	7	7	1 58	76	76	2 72	83	83	1 42			
10	10	1 95				14	14	1 72	35	35	2 35	42	42	1 65			
						1	1	1 66	82	80	3 11	247	247	1 51			
						1	1	1 65	17	17	3 11	30	30	1 41			
									36	36	2 33	23	19	1 47			
1	1	2 25				1	1	1 17	56	48	2 46	34	27	1 27	1	1	0 50
2	2	1 67				6	6	2 19	60	60	3 51	76	75	1 41			
1	1	2 50							25	25	2 43	15	15	1 70			
1	1	1 33							10	10	2 92	28	28	1 50			
									13	13	2 89	10	8	1 46			
8	8	2 14	1	1	4 81	9	9	1 55	74	73	2 29	139	139	1 48			
2	2	1 62				1	1	1 00	31	31	2 69	57	55	1 17			
						2	2	1 00	80	80	2 30	51	51	1 37			
1	1	2 00	1	1	3 90	4	4	1 66	51	49	2 28	48	47	1 20			
14	14	2 09				19	19	2 07	170	170	3 50	313	313	1 70			
									25	25	2 36	7	7	1 13			
4	4	1 39	1	1	4 23	2	2	1 25	61	60	3 12	108	108	1 20			
2	2	2 08				6	6	1 49	58	58	2 52	69	69	1 27	1	1	0 16
1	1	2 00				1	1	1 65	77	77	2 58	56	56	1 57			
									19	19	2 53	30	30	1 37			
5	5	1 65	1	1	1 25	9	9	1 41	249	243	2 76	295	293	1 24	1	1	1 00
4	4	4 05				6	6	1 55	72	71	2 67	47	46	1 62			
8	8	1 86	1	1	5 00	17	17	1 32	166	166	3 33	366	364	1 54			
						2	2	1 50	157	144	2 28	131	99	1 47	2	2	0 64
									13	13	2 81	4	4	1 14			
1	1	1 25				2	2	1 50	34	33	3 15	35	33	1 31			
						1	1	1 00	58	58	2 52	34	34	1 49			
10	10	1 71	1	1	3 50	16	16	1 39	118	118	3 09	297	297	1 48	5	5	0 88
10	10	1 75	1	1	4 00	15	15	1 52	80	80	2 90	294	294	1 58			
									3	3	2 34	2	2	1 16			
81	81	1 88	10	10	3 12	47	47	1 76	718	712	3 21	1,015	984	1 57	23	23	0 83
									17	17	2 85	13	13	1 15			
									1	1	2 25	1	1	1 00			
									38	38	2 63	33	33	1 36			
									16	14	2 50	8	5	1 81			
3	3	1 33				2	2	1 33	39	39	2 63	52	52	1 42	4	4	0 63
									8	8	2 03	8	8	1 36			
						1	1	1 50	17	16	2 53	9	8	1 25			
									36	36	2 37	11	11	2 06			
									18	18	2 32	8	8	1 33			

## Summary of store

Number of inspection.	Name of county.	Number men employed as managers.		Number who receive wages.		Average daily wages.		Number women employed as managers.		Number who receive wages.		Average daily wages.		Number men employed as bookkeepers.		Number who receive wages.		Average daily wages.		Number women employed as bookkeepers.		Number who receive wages.		Average daily wages.		Number men employed as stenographers.		Number who receive wages.		Average daily wages.					
21	Manistee	26	8	\$3 99	1	1	\$5 60	3	3	\$2 51	4	4	\$2 03	1	1	\$2 50																			
135	Marquette	150	29	4 47	17	5	1 80	12	12	3 25	36	33	1 60																						
23	Mason	29	2	5 50	4						9	9	1 68																						
34	Mecosta	43	10	3 72	1	1	1 50				4	4	1 69																						
20	Menominee	22	3	4 38	1	1	4 00	2	2	3 00	6	6	2 10																						
18	Midland	29	3	2 80							5	5	2 00																						
7	Missaukee	9	2	6 25				1	1	3 50	2	2	1 33																						
18	Monroe	20	3	4 33				3	2	3 75	4	4	2 06																						
39	Montcalm	47	2	4 17	1			2	2	3 33	4	4	1 35																						
6	Montmorency	5	1	3 00	2																														
77	Muskegon	86	27	4 15	11	7	2 51	3	2	4 08	29	29	2 06																						
7	Newaygo	9									2	2	1 83																						
50	Oakland	59	12	3 57	4			2	2	3 75	4	4	2 19																						
4	Oceana	6																																	
25	Ogemaw	32			1						1	1	1 40																						
31	Ontonagon	32	4	3 85	5			2	2	2 50	6	6	1 55																						
42	Osceola	55			4	1	2 50	1	1	3 00	4	4	1 53																						
20	Otsego	20			1						1	1	0 75																						
26	Ottawa	25	7	5 03	4	2	2 00	3	3	3 50	11	11	1 38																						
26	Presque Isle	25			6						2	2	1 50																						
5	Rosecommon	6			1																														
42	Saginaw	60	37	4 98	7	6	2 97	8	8	3 23	33	33	1 88																						
86	St. Clair	94	33	5 31	6	3	3 50	14	13	3 25	41	41	1 77																						
18	St. Joseph	11	8	3 50	1	1	2 25																												
53	Sanilac	58	22	3 06	2	1	3 33	1	1	2 50	5	5	1 48																						
17	Schoolcraft	18	4	5 12	1	1	1 33	1	1	2 50	2	2	2 00																						
20	Shiawassee	25	2	3 75				2	1	2 33	12	12	1 75																						
20	Tuscola	25	3	2 97	3	1	2 00	2	1	2 00	1	1	1 50																						
37	Van Buren	47	4	3 45	3						3	3	2 08																						
233	Washtenaw	267	36	4 09	11	2	2 50	19	19	2 90	59	59	1 63																						
511	Wayne	850	561	8 39	162	118	5 05	198	197	4 08	440	440	2 40	12	12	3 08																			
26	Wexford	25	8	3 53	2			1	1	3 50	4	4	2 00																						
3,768	Totals	4,697	1,324	\$6 28	505	260	\$4 07	423	408	\$3 73	1,377	1,365	\$2 06	36	36	\$2 45																			

inspection.—Continued.

Number women employed as stenographers.		Number who receive wages.		Average daily wages.		Number men employed as cashiers.		Number who receive wages.		Average daily wages.		Number women employed as cashiers.		Number who receive wages.		Average daily wages.		Number salesmen employed.		Number who receive wages.		Average daily wages.		Number salesladies employed.		Number who receive wages.		Average daily wages.		Number men cash clerks employed.		Number who receive wages.		Average daily wages.				
6	6	\$1 36						4	4	\$1 18				4	4	\$1 18		28	28	\$2 61		59	59	\$1 13	3	3	\$0 75											
1	1	1 00						8	8	1 10				8	8	1 10		161	157	2 73		168	164	1 34	1	1	0 60											
								4	4	1 33				4	4	1 33		26	26	2 28		24	24	1 20														
																		50	50	2 07		34	34	1 38														
2	2	1 25						2	2	1 25				2	2	1 25		45	45	2 64		44	44	1 56	1	1	0 50											
1	1	1 92		2	2	\$1 83		3	3	1 30				3	3	1 30		24	24	2 25		20	20	1 15														
																		19	19	2 53		5	5	1 05														
																		30	28	2 69		21	21	1 51														
																		50	50	2 39		23	23	1 44														
																		5	4	3 00																		
8	8	1 45						13	13	1 34				13	13	1 34		122	121	3 01		235	229	1 39	6	6	0 75											
																		8	8	2 37		12	12	1 54														
																		44	44	2 70		24	24	1 41	2	2	0 95											
																		6	6	2 38		6	6	1 14														
																		14	14	2 18		2	2	2 25														
																		21	21	2 40		21	20	1 49														
																		39	39	2 39		14	14	1 41														
																		19	16	2 31		9	8	1 88	1	1	0 50											
																		33	33	2 61		53	53	1 22														
																		27	25	2 63		19	15	1 63														
																		5	5	2 70		1	1	1 25														
13	13	1 86		1	1	3 33		17	17	1 86				17	17	1 86		117	117	3 01		274	274	1 43	4	4	0 77											
12	12	1 39						5	5	1 23				5	5	1 23		167	167	2 58		171	171	1 41	4	4	0 65											
2	2	1 44		28	28	2 41		29	29	1 48				29	29	1 48																						
																		39	39	2 22		43	43	1 33														
																		32	32	3 34		33	33	1 87														
																		32	32	2 57		92	92	1 57	3	3	0 52											
																		16	15	2 26		26	26	1 61														
																		2	2	1 75		55	55	1 30														
																		21	21	1 42		289	286	2 69	214	211	1 53	11	11	0 99								
15	15	1 80						415	415	1 72				415	415	1 72		2,239	2,238	3 80		3,920	3,919	1 92	32	32	1 33											
309	309	2 45		31	31	3 12		1	1	1 50				1	1	1 50		19	18	2 47		27	25	1 41	2	2	0 83											
557	557	\$2 16		83	83	\$3 23		742	742	\$1 67				742	742	\$1 67		7,092	7,021	\$3 10		10177	10053	\$1 64	110	110	\$0 94											

## Summary of store

Number of inspection.	Name of county.	Number women employed as cash clerks.	Number who receive wages.	Average daily wages.	Number floorwalkers employed.	Number who receive wages.	Average daily wages.	Number elevator conductors employed.	Number who receive wages.	Average daily wages.	Number porters employed.	Number who receive wages.	Average daily wages.
8	Alcona												
15	Alger										1	1	\$0 96
60	Allegan										1	1	2 00
60	Alpena										2	2	0 75
17	Antrim												
26	Arenac												
10	Baraga												
3	Barry												
70	Bay	11	11	\$0 46	2	2	\$2 75	5	5	\$1 77	14	14	2 21
15	Benzie												
37	Berrien				2	2	2 38				4	4	1 88
11	Branch							1	1	1 95			
58	Calhoun	1	1	1 00	5	5	2 85	2	2	2 00	13	13	1 93
12	Cass										2	2	1 83
35	Charlevoix												
50	Cheboygan												
30	Chippewa							1	1	1 00	1	1	3 00
26	Clare										1	1	1 00
7	Clinton												
13	Crawford										1	1	0 50
34	Delta				2	2	3 25	3	3	1 25	3	3	0 42
41	Dickinson				1	1	2 75				1	1	0 40
69	Eaton										2	2	2 25
34	Emmet				1			1	1	2 00	3	3	1 05
50	Genesee	4	4	0 67	5	5	3 06	6	6	1 87	17	17	2 30
26	Gladwin												
64	Gogebic										1	1	0 90
20	Grand Traverse				1	1	4 81	1	1	1 54	2	2	1 30
61	Gratiot												
13	Hillsdale										2	2	1 25
174	Houghton	2	2	0 92	2	2	2 75	3	3	0 84	8	8	1 34
47	Huron												
71	Ingham	3	3	1 27	4	4	3 04	6	6	2 00	9	9	1 88
176	Ionia	3	3	0 88	2	2	2 50				5	5	1 56
18	Iosco												
42	Iron												
43	Isabella										1	1	0 83
41	Jackson	1	1	0 50	11	11	4 13	5	5	1 68	19	19	2 20
50	Kalamazoo				7	6	2 64	6	6	1 90	11	11	2 26
4	Kalkaska												
313	Kent	25	25	0 67	20	20	2 95	36	36	1 74	81	81	2 39
7	Keweenaw												
1	Lake												
32	Lapeer												
15	Leelanau										1	1	0 50
15	Lenawee										1	1	3 00
3	Livingston												
9	Luce												
15	Mackinac												
20	Macomb												
21	Manistee												
135	Marquette	1	1	1 15				1	1	0 83	7	7	1 86
23	Mason				1	1	1 33				1	1	1 50
34	Mecosta										1	1	1 00
20	Menominee										1	1	2 50

inspection.—Continued.

Number shipping clerks employed.	Number who receive wages.	Average daily wages.	Number delivery men employed.	Number who receive wages.	Average daily wages.	Number other men employed.	Number who receive wages.	Average daily wages.	Number other women employed.	Number who receive wages.	Average daily wages.	Whole number employed.	Number who receive wages.	Aggregate daily wages.	Average daily wages.
2	2	\$2 50	1	1	\$2 00							23	12	\$23 80	\$1 99
			3	3	2 24	1	1	\$0 70				48	30	65 74	2 19
			1	1	2 00	2	2	1 42				132	150	317 05	2 11
			27	27	1 54	2	2	1 00				253	194	353 02	1 82
			1	1	1 50	5	5	0 72				54	34	59 09	1 73
												63	28	47 67	1 70
			2	2	2 00							28	18	47 41	2 63
												9	6	8 42	1 40
14	14	2 35	29	29	2 32	67	67	3 49	27	27	\$1 07	711	665	1,457 62	2 19
			4	4	2 19	1	1	3 00				41	21	40 25	1 92
5	5	2 27	11	11	2 07	21	21	2 34	32	32	1 18	312	271	555 75	2 05
												112	93	190 51	2 05
3	3	2 25	9	9	2 91	39	39	2 44	46	46	2 31	574	521	1,115 59	2 14
			1	1	1 66	3	3	4 35				81	61	121 25	1 69
			7	6	2 59	1	1	0 66	1	1	0 33	117	69	140 00	2 03
2	2	2 50	14	14	1 86	4	4	2 50				171	104	210 88	2 02
1	1	1 33	9	9	2 47	8	8	1 40	9	9	1 40	224	189	431 68	2 28
												76	45	98 06	2 18
												50	43	79 02	1 84
			7	7	2 32	2	2	2 75				48	33	74 67	2 26
8	8	2 41	10	10	1 81	21	21	2 50	6	6	1 68	360	325	653 73	2 01
1	1	1 55	5	5	2 33	2	2	3 37				166	109	199 81	1 83
			2	2	1 67	13	13	1 67	7	7	1 07	260	175	335 29	1 92
			12	12	1 75	5	5	1 78	2	2	1 75	187	134	242 46	1 81
11	11	3 62	39	39	3 35	87	87	3 94	54	54	1 76	857	820	2,197 33	2 68
			1	1	2 00							69	38	80 74	2 12
1	1	2 85	21	21	2 82	9	9	2 06	6	6	0 91	321	238	484 15	2 06
2	2	2 15	10	10	2 38	13	13	1 79	7	7	1 69	227	208	434 15	2 08
			7	7	2 23	18	18	2 37	8	8	2 59	260	180	393 64	2 19
						4	4	2 05	7	7	1 18	90	76	137 69	1 81
8	8	2 68	74	71	2 13	36	35	2 45	16	16	1 50	1,007	788	1,591 54	2 02
1	1	3 33	9	9	2 03	14	14	2 13	2	2	1 87	237	203	500 44	2 48
7	7	3 21	22	22	2 76	41	41	2 83	28	28	1 52	838	765	1,726 34	2 26
			1	1	1 33	2	2	2 75				534	290	562 32	1 94
												39	19	47 85	2 52
			13	13	2 77	2	1	0 50				152	92	208 53	2 26
			2	2	1 50	11	11	1 73				172	116	233 38	2 01
9	9	2 73	25	25	2 36	77	77	2 66	38	38	1 62	728	724	1,681 68	2 32
9	9	2 65	20	20	1 84	63	63	2 63	51	51	1 69	673	654	1,450 90	2 22
			1	1	1 75	1	1	2 17				13	7	13 24	1 89
49	49	2 73	108	108	2 33	390	390	3 28	379	379	1 60	3,622	3,319	7,921 66	2 39
			6	6	2 55	1	1	2 25				45	2	109 80	2 44
												3	2	3 25	1 62
2	2	1 25	5	5	1 51	7	7	2 67	1	1	0 50	139	108	226 47	2 10
			2	2	2 00	2	2	2 50				47	26	58 25	2-24
1	1	2 75	1	1	4 00	8	8	2 17	14	14	1 12	154	136	269 16	1 98
						2	2	1 63				23	19	33 73	1 78
			2	2	3 12							40	30	65 05	2 17
			5	5	2 20	3	3	2 66				79	60	140 80	2 35
			3	3	2 33	3	3	2 28				56	36	76 72	2 13
1	1	1 65	6	6	1 89	3	3	2 05				139	121	220 69	1 82
4	4	2 47	88	88	2 06	30	29	2 59	14	14	1 58	704	559	1,200 95	2 15
			10	10	1 85	15	15	2 43	1	1	0 75	125	94	180 06	1 91
			6	6	1 58	9	9	1 48	4	4	1 27	152	119	224 68	1 88
			3	3	1 92	4	4	2 62	2	2	1 25	135	116	250 58	2 16

## Summary of store

Number of inspection.	Name of county.	Number women employed as cash clerks.	Number who receive wages.	Average daily wages.	Number floorwalkers employed.	Number who receive wages.	Average daily wages.	Number elevator conductors employed.	Number who receive wages.	Average daily wages.	Number porters employed.	Number who receive wages.	Average daily wages.
18	Midland.....												
7	Missaukee.....										1	1	\$2 50
18	Monroe.....												
39	Montcalm.....												
6	Montmorency.....												
77	Muskegon.....				2	2	\$2 75	2	2	\$1 38	3	3	2 14
7	Newaygo.....												
50	Oakland.....												
4	Oceana.....										1	1	1 35
25	Ogemaw.....												
31	Ontonagon.....												
42	Osceola.....												
20	Otsego.....												
26	Ottawa.....							1	1	2 35	1	1	1 66
26	Presque Isle.....												
5	Roscommon.....												
42	Saginaw.....	21	21	\$0 63	7	7	2 99	5	5	2 07	13	13	1 99
86	St. Clair.....				4	4	4 38	4	4	1 00	5	5	2 53
18	St. Joseph.....												
53	Sanilac.....												
17	Schoolcraft.....										1	1	1 00
20	Shiawassee.....				1	1	2 00	2	2	1 91	1	1	2 17
20	Tuscola.....												
37	Van Buren.....										1	1	1 00
233	Washtenaw.....	3	3	0 53	3	3	3 52	3	3	1 50	7	7	1 75
511	Wayne.....	362	362	1 00	147	147	4 16	165	165	2 25	403	403	2 49
26	Wexford.....												
3,768	Totals.....	437	437	\$0 94	230	228	\$3 80	259	259	\$2 05	654	654	\$2 32

inspection.—Concluded.

Number shipping clerks employed.	Number who receive wages.	Average daily wages.	Number delivery men employed.	Number who receive wages.	Average daily wages.	Number other men employed.	Number who receive wages.	Average daily wages.	Number other women employed.	Number who receive wages.	Average daily wages.	Whole number employed.	Number who receive wages.	Aggregate daily wages.	Average daily wages.
.....	.....	.....	2	2	\$2 33	1	1	\$3 00	.....	.....	.....	82	56	\$112 69	\$2 01
.....	.....	.....	5	5	2 55	13	13	2 07	.....	.....	.....	42	35	84 63	2 42
1	1	\$2 66	2	2	2 34	7	7	1 41	8	8	\$1 00	105	85	183 42	2 16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	140	94	194 24	2 07
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	5	15 00	3 00
4	4	2 64	26	26	2 40	65	65	3 09	50	50	1 28	665	594	1,267 24	2 13
.....	.....	.....	2	2	2 00	56	56	4 34	.....	.....	.....	31	22	41 12	1 87
.....	.....	.....	2	2	2 25	1	1	2 30	.....	.....	.....	198	147	464 61	3 16
.....	.....	.....	1	1	2 25	.....	.....	.....	.....	.....	.....	23	17	30 57	1 79
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51	18	38 70	2 15
.....	.....	.....	16	16	2 47	1	1	3 00	1	1	0 75	105	71	153 12	2 04
1	1	2 00	3	3	1 97	4	4	2 16	.....	.....	.....	126	68	142 26	2 09
2	2	2 63	6	6	2 11	15	15	2 03	1	1	1 58	53	28	55 21	1 97
.....	.....	.....	4	4	2 48	.....	.....	.....	10	10	0 76	166	146	279 72	1 92
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1 50	84	47	104 75	2 22
14	14	2 48	21	21	2 35	42	42	2 61	50	50	1 48	13	6	14 75	2 46
9	9	2 78	41	41	2 09	59	59	2 41	17	17	1 40	707	683	1,434 88	2 10
.....	.....	.....	3	3	1 83	.....	.....	.....	.....	.....	.....	653	588	1,310 56	2 23
.....	.....	.....	.....	.....	.....	5	5	2 02	.....	.....	.....	74	71	149 12	2 10
.....	.....	.....	4	4	2 50	2	2	2 67	.....	.....	.....	153	116	234 68	2 02
.....	.....	.....	4	4	2 31	4	4	2 46	11	11	1 04	97	83	220 33	2 65
.....	.....	.....	4	4	1 88	3	3	2 50	4	4	2 85	193	169	309 30	1 83
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	85	59	118 02	2 00
9	9	2 55	38	38	2 29	153	153	3 10	23	23	1 38	161	114	224 26	1 97
233	233	3 28	716	716	2 57	2,352	2,352	2 89	1,891	1,891	1 97	1,145	899	2,108 21	2 35
.....	.....	.....	1	1	2 50	5	5	3 00	.....	.....	.....	14,877	14,541	40,369 42	2 78
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	87	65	140 05	2 15
415	415	\$3 00	1,546	1,542	\$2 40	3,845	3,841	\$2 86	2,830	2,830	\$1 83	36,015	32,165	\$79,395 43	\$2 46

## SUMMARY OF STORE INSPECTION.

Number of stores inspected in 1917.....	3,768
Number men employed as managers .....	4,697
Number who receive wages.....	1,324
Average daily wages .....	\$6.28
Number women employed as managers.....	505
Number who receive wages .....	260
Average daily wages .....	\$4.07
Number men employed as bookkeepers .....	423
Number who receive wages .....	408
Average daily wages .....	\$3.73
Number women employed as bookkeepers .....	1,377
Number who receive wages .....	1,365
Average daily wages .....	\$2.06
Number men employed as stenographers .....	36
Number who receive wages .....	36
Average daily wages .....	\$2.45
Number women employed as stenographers .....	557
Number who receive wages .....	557
Average daily wages .....	\$2.16
Number men employed as cashiers .....	83
Number who receive wages .....	83
Average daily wages .....	\$3.23
Number women employed as cashiers .....	742
Number who receive wages .....	742
Average daily wages .....	\$1.67
Number salesmen employed .....	7,092
Number who receive wages .....	7,021
Average daily wages .....	\$3.10
Number salesladies employed .....	10,177
Number who receive wages .....	10,053
Average daily wages .....	\$1.64
Number men cash clerks employed .....	110
Number who receive wages .....	110
Average daily wages .....	\$0.94
Number women employed as cash clerks .....	437
Number who receive wages .....	437
Average daily wages .....	\$0.94
Number floorwalkers employed .....	230
Number who receive wages .....	228
Average daily wages .....	\$3.80
Number elevator conductors employed .....	259
Number who receive wages .....	259
Average daily wages .....	\$2.05



THIRTY-FIFTH ANNUAL REPORT.

559

Number porters employed .....	654
Number who receive wages .....	654
Average daily wages .....	\$2.32
Number shipping clerks employed .....	415
Number who receive wages .....	415
Average daily wages .....	3.00
Number deliverymen employed .....	1,546
Number who receive wages .....	1,542
Average daily wages .....	\$2.40
Number other men employed .....	3,845
Number who receive wages .....	3,841
Average daily wages .....	\$2.86
Number other women employed .....	2,830
Number who receive wages .....	2,830
Average daily wages .....	\$1.83
Whole number employed .....	36,015
Number who receive wages .....	32,165
Aggregate daily wages .....	\$79,395.43
Average daily wages .....	\$2.46



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**INSPECTION HOTELS AND RESTAURANTS**

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## HOTEL INSPECTION.

*Name of hotel, town where located, number persons employed.*

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>ALCONA COUNTY.</b>					
Aug. 18	Cottage Hotel.....	Harrisville.....		3	3
Aug. 17	MacDonald House, The.....	Harrisville.....	3	4	7
Aug. 17	Clear Springs Hotel.....	Lincoln.....	1	2	3
<b>ALGER COUNTY.</b>					
May 9	Besch Inn, The.....	Munising.....	5	7	12
May 11	Bellvue Hotel.....	Munising.....	1	4	5
May 10	Moore House.....	Munising.....	1	3	4
May 10	Superior Hotel.....	Munising.....	2	3	5
<b>ALLEGAN COUNTY.</b>					
Oct. 3	Bracelin Hotel.....	Allegan.....	1	3	4
Oct. 3	New City Hotel.....	Allegan.....	1	1	2
Oct. 3	Sherman House.....	Allegan.....	2	6	8
Sept. 17	Douglass House.....	Douglass.....		4	4
Sept. 18	Hamilton House.....	Hamilton.....	1	1	2
Oct. 6	Murray's Tavern.....	Otsego.....	2	5	7
Oct. 8	Metsger Hotel.....	Plainwell.....	2	2	4
Sept. 17	Butler Hotel.....	Saugatuck.....	2	12	14
Sept. 17	Davis Hotel.....	Saugatuck.....	1	3	4
Sept. 27	New Wayland House.....	Wayland.....	2	3	5
<b>ALPENA COUNTY.</b>					
Aug. 4	Columbia House.....	Alpena.....		2	2
July 28	Every House.....	Alpena.....	1	5	6
July 26	Janieson Boarding House.....	Alpena.....	1	5	6
July 21	McDonald House.....	Alpena.....	1	2	3
Aug. 2	New Alpena House.....	Alpena.....	10	8	18
Aug. 1	Republic Hotel.....	Alpena.....	2	5	7
Aug. 14	Richelieu Hotel.....	Alpena.....	1	3	4
July 21	Union Hotel, The.....	Alpena.....	5	8	13
Aug. 8	Lachine Hotel.....	Lachine.....	1	3	4
<b>ANTRIM COUNTY.</b>					
April 23	New Alba Hotel.....	Alba.....	1		1
April 23	Tuttle House, The.....	Alba.....	1	1	2
April 13	Riverside Hotel, The.....	Bellaire.....	1	5	6
April 20	Mecca Hotel.....	Elk Rapids.....	1	3	4
April 20	Vallier Hotel, The.....	Elk Rapids.....	1	5	6
April 12	New Orient Hotel, The.....	Ellsworth.....	1	1	2
April 24	Brown Hotel.....	Mancelona.....	1	1	2
April 25	Burke Hotel.....	Mancelona.....	2	5	7
April 24	Handy Hotel.....	Mancelona.....	1	5	6
April 25	Park Hotel.....	Mancelona.....	1	2	3

## Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>BARAGA COUNTY.</b>					
Aug. 28	Thomas Hotel, The .....	L'Anse .....	2	3	5
<b>BARRY COUNTY.</b>					
Aug. 30	Barry Hotel .....	Hastings .....	3	5	8
Aug. 30	Parker House .....	Hastings .....	3	9	12
Sept. 7	Inn, The .....	Middleville .....	2	2	4
<b>BAY COUNTY.</b>					
Sept. 18	Green's Hotel .....	Auburn .....	3	1	4
Oct. 18	Forest City Hotel .....	Bay City .....	6	10	16
<b>BENZIE COUNTY.</b>					
Dec. 7	Beulah Inn, The .....	Beulah .....	1	2	3
Oct. 1	Park Hotel .....	Frankfort .....	2	12	14
Oct. 1	Pratt Hotel .....	Frankfort .....	3	10	13
Oct. 1	Yeasel Hotel .....	Frankfort .....	2	5	7
Dec. 1	New Nichols Hotel .....	Honor .....	1	3	4
Sept. 29	Diamond Hotel .....	Thomsonville .....	3	5	8
<b>BERRIEN COUNTY.</b>					
Nov. 26	Benton Hotel .....	Benton Harbor .....	9	11	20
Nov. 26	Dwan Hotel .....	Benton Harbor .....	5	7	12
Dec. 14	Eastland Hotel .....	Benton Harbor .....	4	4	8
Dec. 14	Fonger House .....	Benton Harbor .....	2	4	6
Dec. 7	Saltman Hotel .....	Benton Harbor .....	5	5	10
Nov. 21	Lee Hotel .....	Buchanan .....	2	8	10
Nov. 19	New Forler Hotel .....	Niles .....	4	3	7
Nov. 17	Pike House, The .....	Niles .....	4	6	10
Dec. 14	Lake View Hotel .....	St. Joseph .....	7	3	10
Dec. 14	Whitcomb Hotel .....	St. Joseph .....	13	16	29
<b>BRANCH COUNTY.</b>					
Dec. 27	Arlington Hotel .....	Coldwater .....	7	9	16
Jan. 4	Fillmore Hotel .....	Quincy .....	3	5	8
<b>CALHOUN COUNTY.</b>					
Nov. 14	Albion Hotel .....	Albion .....	4	8	12
Oct. 11	Clifton House .....	Battle Creek .....	2	6	8
Oct. 9	Post Tavern .....	Battle Creek .....	80	59	139
Nov. 20	Calhoun Hotel .....	Homer .....	3	5	8
July 11	Crescent Hotel .....	Marshall .....	1	1	2
Nov. 6	Friend's Inn .....	Marshall .....	4	3	7
Nov. 19	Home Hotel .....	Tekonsha .....	1	2	3
<b>CASS COUNTY.</b>					
Nov. 12	Goodwin Hotel .....	Cassopolis .....	4	5	9
Nov. 9	Doe Wah Jack Hotel .....	Dowagiac .....	6	6	12
Nov. 9	Elkeston Hotel .....	Dowagiac .....	3	6	9
Nov. 13	Frank's Tavern .....	Marcellus .....	1	2	3

Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>CHARLEVOIX COUNTY.</b>					
May 23	Wolverine Hotel.....	Boyne City.....	3	8	11
May 29	Marsh Hotel.....	Boyne Falls.....	1	7	8
June 19	Belvedere Hotel.....	Charlevoix.....	24	59	83
June 19	Charlevoix Beach Hotel.....	Charlevoix.....	26	72	102
June 4	Charlevoix Hotel.....	Charlevoix.....	3	10	13
June 4	Ferguson House.....	Charlevoix.....	1	5	6
June 19	Fountain City House, The.....	Charlevoix.....	1	11	12
June 19	Hallett Hotel.....	Charlevoix.....	4	17	21
June 14	Commercial House.....	East Jordan.....	1	4	5
June 14	New Russell, The.....	East Jordan.....	1	6	7
June 21	Beaver Hotel.....	St. James.....	1	8	9
<b>CHEBOYGAN COUNTY.</b>					
Sept. 1	American House.....	Cheboygan.....	3	2	5
Aug. 30	Charles Hotel.....	Cheboygan.....	3	3	6
Sept. 1	Columbian Hotel.....	Cheboygan.....	2	1	3
Aug. 30	Karwik Hotel.....	Cheboygan.....	2	3	5
Sept. 31	New Cheboygan Hotel.....	Cheboygan.....	10	8	18
Aug. 31	Summit House.....	Cheboygan.....	2	4	6
Sept. 7	New Mackinaw Hotel.....	Mackinaw City.....	2	3	3
Sept. 7	Stimpson House.....	Mackinaw City.....	2	9	11
Sept. 7	Stringelow, Andrew, Boarding House.....	Mackinaw City.....	1	2	3
Sept. 7	Wawatam Hotel.....	Mackinaw City.....	1	2	3
Sept. 7	Windemere Hotel, The.....	Mackinaw City.....	1	4	5
Sept. 8	Campbell's Hotel.....	Wolverine.....	1	3	4
Sept. 8	Weber House.....	Wolverine.....	1	2	2
<b>CHIPPEWA COUNTY.</b>					
Jan. 24	Alto Hotel, The.....	Sault Ste. Marie.....	3	9	12
Jan. 24	American Hotel.....	Sault Ste. Marie.....	3	3	6
Jan. 23	Belvidere Hotel.....	Sault Ste. Marie.....	4	4	8
Jan. 22	Chippewa House.....	Sault Ste. Marie.....	3	3	3
Jan. 24	Commercial House.....	Sault Ste. Marie.....	4	3	7
Jan. 23	Detroit Hotel.....	Sault Ste. Marie.....	2	1	3
Jan. 21	Franklin House.....	Sault Ste. Marie.....	4	1	5
Jan. 26	Gilbert House, The.....	Sault Ste. Marie.....	2	2	4
Jan. 23	Hickler House.....	Sault Ste. Marie.....	2	2	4
Jan. 23	Lock City Hotel.....	Sault Ste. Marie.....	4	2	6
Jan. 24	Lock View Hotel.....	Sault Ste. Marie.....	2	2	4
Jan. 24	Montreal House.....	Sault Ste. Marie.....	3	1	4
Jan. 21	Murray Hill Hotel.....	Sault Ste. Marie.....	8	12	20
Jan. 21	Northwest Hotel.....	Sault Ste. Marie.....	3	3	6
Jan. 21	Park Hotel.....	Sault Ste. Marie.....	18	17	35
Jan. 21	Sherman House.....	Sault Ste. Marie.....	3	4	7
Jan. 23	Superior Hotel.....	Sault Ste. Marie.....	4	2	6
Jan. 24	Tremont House.....	Sault Ste. Marie.....	1	2	3
Jan. 24	Water Power Hotel.....	Sault Ste. Marie.....	3	3	6
Jan. 23	Wayne Hotel.....	Sault Ste. Marie.....	3	3	3
Feb. 2	Trout Lake House.....	Trout Lake.....	4	7	11
<b>CLARE COUNTY.</b>					
Nov. 17	Calkins House.....	Clare.....	3	6	9

## Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>CLINTON COUNTY.</b>					
Aug. 21	Bath Hotel.....	Bath.....	1	2	3
Aug. 10	Eagle Hotel.....	Eagle.....	1	1	2
Aug. 27	Sowersby Hotel.....	Elsie.....	2	4	6
Aug. 23	Fowler House.....	Fowler.....	2	2	4
Aug. 25	Farmers Hotel.....	St. Johns.....	1	2	3
Aug. 25	Steel Hotel, The.....	St. Johns.....	3	7	10
Aug. 25	St. John's House.....	St. Johns.....	1	1	2
<b>CRAWFORD COUNTY.</b>					
Sept. 24	Burton Hotel.....	Grayling.....	2	5	7
Sept. 24	Manistee House.....	Grayling.....	1	3	4
Sept. 23	New Russell Hotel.....	Grayling.....	1	5	6
Sept. 22	Shoppenagons Inn.....	Grayling.....	3	11	14
<b>DELTA COUNTY.</b>					
April 9	Colonial Hotel.....	Escanaba.....	3	5	8
April 21	Commercial Hotel.....	Escanaba.....	1	1	2
April 17	Delta Hotel.....	Escanaba.....	18	23	41
April 20	Main Hotel, The.....	Escanaba.....	2	3	5
April 16	New Ludington Hotel.....	Escanaba.....	8	17	25
April 14	St. Clair Hotel.....	Escanaba.....	2	3	5
April 19	Sherman House.....	Escanaba.....	1	5	6
April 16	Stephenson Hotel.....	Escanaba.....	2	1	3
May 2	Commercial Hotel.....	Gladstone.....	1	5	6
May 4	New Gladstone Hotel.....	Gladstone.....	1	2	3
April 30	Nahma Hotel, The.....	Nahma.....	1	4	5
<b>DICKINSON COUNTY.</b>					
Jan. 15	Harding Hotel.....	Iron Mountain.....	4	8	12
Jan. 7	Milliman Hotel, The.....	Iron Mountain.....	9	16	25
Jan. 17	Norway Hotel.....	Norway.....	1	3	4
<b>EATON COUNTY.</b>					
June 15	Dyer House.....	Bellevue.....	1	4	5
June 9	Peninsular Hotel.....	Charlotte.....	1	1	2
June 5	Phoenix Hotel.....	Charlotte.....	3	4	7
June 7	Williams Hotel.....	Charlotte.....	3	4	7
June 13	Geib Hotel.....	Eaton Rapids.....	2	3	5
June 19	City Hotel.....	Grand Ledge.....	1	1	2
June 19	Field House.....	Grand Ledge.....	1	2	3
June 19	Grand Ledge House.....	Grand Ledge.....	1	1	2
June 16	Montrose Hotel.....	Vermontville.....	1	1	2
<b>EMMET COUNTY.</b>					
June 18	Bay View House.....	Bay View.....	14	47	61
June 18	Howard Hotel.....	Bay View.....	8	12	20
June 18	Kenilworth Hotel.....	Bay View.....	1	11	12
June 22	Harbor Point Club House.....	Harbor Point.....	21	63	84
June 22	Emmet House, The.....	Harbor Springs.....	11	17	28
May 16	Charles Hotel.....	Levering.....	1	3	4
May 16	Mallory Hotel.....	Levering.....	1	3	4
May 16	Campbell Hotel, The.....	Pellston.....	2	3	5
May 16	Commercial Hotel.....	Pellston.....	1	3	4
May 3	New Braun Hotel, The.....	Petoskey.....	3	2	5



Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>EMMET Co.—Con.</b>					
June 23	Clark's Tavern	Petooskey	1	14	15
May 5	Cushman House, The	Petooskey	13	24	37
June 23	Franklin Hotel	Petooskey	4	14	18
April 30	Park House	Petooskey	2	5	7
April 30	Perry Hotel, The	Petooskey	7	7	14
June 22	Roaring Brook Inn	Roaring Brook	9	25	34
June 22	Ramona Hotel	Ramona	10	15	25
June 22	Colonial Hall	Wequetonsing	7	32	39
June 22	Wequetonsing Hotel	Wequetonsing	13	52	65
<b>GENESEE COUNTY.</b>					
Nov. 27	Fenton Hotel	Fenton	5	3	8
Dec. 24	Bryant Hotel	Flint	7	13	20
Dec. 24	Crystal Hotel	Flint	6	15	21
Dec. 22	Dayton House	Flint	4	8	12
Dec. 21	Dresden Hotel	Flint	17	32	49
Dec. 22	Dunlap Hotel	Flint	1	6	7
Dec. 21	Oak Park Inn	Flint	1	1	1
Dec. 24	Reed Hotel	Flint	2	6	8
Dec. 24	Sherman Hotel	Flint	2	1	3
Dec. 22	Swartz Creek Hotel	Swartz Creek	1	1	2
<b>GLADWIN COUNTY.</b>					
Oct. 4	Graham House, The	Gladwin	2	6	8
Oct. 8	Pierce Hotel	Beaverton	1	3	4
<b>GOGEBIC COUNTY.</b>					
Dec. 7	Gogebic House	Bessemer	1	5	6
Dec. 13	Michigan House	Bessemer	1	3	4
Dec. 7	Northwestern Hotel	Bessemer	1	2	3
Nov. 30	Bartlett Hotel, The	Ironwood	1	2	3
Dec. 30	Curry Hotel, The	Ironwood	8	14	22
Dec. 6	Dalton Hotel	Ironwood	1	8	9
Dec. 1	St. James Hotel	Ironwood	11	18	29
Dec. 1	Walker House	Ironwood	2	3	5
Dec. 19	Wakefield Hotel	Wakefield	2	5	7
<b>GRAND TRAVERSE COUNTY.</b>					
May 17	Grawn Hotel	Grawn	1	1	2
May 16	De France Hotel	Kingsley	1	2	3
May 11	Columbia Hotel	Traverse City	1	1	2
May 11	European Hotel	Traverse City	2	2	2
May 12	Park Place Hotel	Traverse City	12	20	32
May 14	Pere Marquette Hotel	Traverse City	5	5	5
May 14	Shiloh Hotel	Traverse City	1	2	3
May 8	Sunny Bank Hotel	Traverse City	1	3	4
May 15	Whiting Hotel	Traverse City	7	13	20
<b>GRATIOT COUNTY.</b>					
May 15	Alma Hotel	Alma	2	4	6
May 15	Wright House	Alma	9	12	21
May 19	Ithaca Hotel	Ithaca	1	1	2
May 19	Seaver Hotel	Ithaca	2	8	10
May 24	Park Hotel	St. Louis	4	11	15

## Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>HILLSDALE COUNTY.</b>					
Jan. 5	Keefer Hotel, The.....	Hillsdale.....	6	11	17
<b>Houghton County.</b>					
Oct. 17	Arlington Hotel.....	Calumet.....	4	2	6
Oct. 11	Central House.....	Calumet.....	5	16	21
Oct. 15	Michigan Hotel.....	Calumet.....	4	2	6
Aug. 30	Chassell House.....	Chassell.....	1	3	4
Sept. 20	Milwaukee Hotel.....	Hancock.....	1	1	2
Sept. 21	Northwestern Hotel.....	Hancock.....	2	2	4
Sept. 21	Salo Hotel.....	Hancock.....	1	3	4
Sept. 20	Scott Hotel.....	Hancock.....	11	14	25
Sept. 7	Dee Hotel.....	Houghton.....	.....	2	2
Sept. 11	Douglass House.....	Houghton.....	16	22	38
Sept. 7	Jewell Hotel.....	Houghton.....	1	2	3
Sept. 7	Hotel Knauf, The.....	Houghton.....	5	15	20
Nov. 12	Larose Hotel.....	Lake Linden.....	1	2	3
Nov. 9	Lake Linden Hotel.....	Lake Linden.....	.....	6	6
Oct. 25	Central Hotel.....	Laurium.....	1	4	5
Oct. 25	Lorraine Hotel.....	Laurium.....	1	6	7
Oct. 27	Palace Hotel.....	Laurium.....	2	8	10
<b>HURON COUNTY.</b>					
Nov. 17	Irwin Hotel, The.....	Bad Axe.....	6	5	11
Nov. 17	Morrow Hotel.....	Bad Axe.....	5	8	13
Nov. 17	Schrader Hotel.....	Bad Axe.....	3	2	5
Nov. 21	Bay Port Hotel.....	Bay Port.....	1	6	7
Dec. 4	Smalley Hotel.....	Caseville.....	4	3	7
Nov. 20	Commercial Hotel.....	Elkton.....	3	3	6
Nov. 14	American House.....	Harbor Beach.....	2	.....	2
Nov. 14	Bolly Hotel.....	Harbor Beach.....	2	2	4
Nov. 14	Dow Hotel.....	Harbor Beach.....	3	4	7
Nov. 14	Wilson Hotel.....	Harbor Beach.....	4	4	8
Nov. 26	Central Hotel.....	Kinde.....	3	2	5
Dec. 4	Owendale House.....	Owendale.....	3	3	6
Nov. 21	Heasty Hotel.....	Pigeon.....	4	5	9
Nov. 27	Grates Hotel.....	Port Austin.....	2	.....	2
Nov. 27	Point of Pines Hotel.....	Port Austin.....	2	3	5
Nov. 15	Lakeview Hotel.....	Port Hope.....	3	2	5
Nov. 13	Sherman Hotel, The.....	Ruth.....	3	2	5
Nov. 22	American House.....	Sebewaing.....	2	2	4
Nov. 22	Hannah Hotel.....	Sebewaing.....	3	2	5
Nov. 24	Arlington Hotel.....	U'by.....	3	4	7
Nov. 24	Sinclair Hotel, The.....	U'by.....	2	2	4
<b>INGHAM COUNTY.</b>					
Sept. 11	Butler Hotel.....	Lansing.....	3	2	5
Oct. 13	Detroit Hotel.....	Lansing.....	4	3	7
Sept. 11	Downey Hotel.....	Lansing.....	31	50	81
Aug. 11	Plaza Hotel.....	Lansing.....	3	4	7
Oct. 11	Reo Grand Hotel.....	Lansing.....	2	4	6
Aug. 13	Wentworth Hotel.....	Lansing.....	18	28	46
July 24	Brown Hotel.....	Leslie.....	1	3	4
July 5	Hotel Hawley.....	Mason.....	4	3	7
July 5	Sweeney Hotel.....	Mason.....	2	4	6
Aug. 10	Hurst House, The.....	Stockbridge.....	1	2	3
July 26	Glaser Hotel.....	Williamston.....	1	4	5

Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>IONIA COUNTY.</b>					
Aug. 15	Belding Hotel.....	Belding.....	5	7	12
Aug. 13	National Hotel.....	Belding.....	1	4	5
Aug. 31	Lenhard's Tavern.....	Clarksville.....	1	3	4
Aug. 31	Cline Hotel.....	Elmdale.....	.....	2	2
Aug. 21	Grande Hotel.....	Hubbardston.....	1	1	2
Aug. 3	Brown-Williston Hotel, The.....	Ionia.....	5	11	16
Aug. 21	Burke Hotel.....	Lake Odessa.....	1	3	4
Aug. 3	Good Shepard Hotel.....	Lake Odessa.....	2	4	6
Aug. 29	Odessa Hotel.....	Lake Odessa.....	1	2	3
Aug. 18	Muir Hotel.....	Muir.....	1	3	4
Aug. 21	Pewamo House.....	Pewamo.....	1	2	3
Aug. 25	Divine Hotel.....	Portland.....	4	5	9
Aug. 24	Worden Hotel.....	Portland.....	.....	2	2
Sept. 15	Commercial Hotel.....	Saranac.....	1	3	4
<b>IRON COUNTY.</b>					
Dec. 26	Green Hotel.....	Crystal Falls.....	1	2	3
Dec. 28	Lockwood Hotel.....	Crystal Falls.....	3	9	12
Dec. 20	Moberg Hotel.....	Crystal Falls.....	1	6	7
Jan. 5	Iron Inn, The.....	Iron River.....	3	4	7
Dec. 31	Ludington Hotel.....	Iron River.....	1	5	6
Dec. 31	New Boyington, The.....	Iron River.....	4	8	12
Jan. 20	Piper House.....	Iron River.....	2	4	6
<b>ISABELLA COUNTY.</b>					
April 28	Bennett House, The.....	Mt. Pleasant.....	4	8	12
May 2	Taylor House.....	Shepherd.....	2	4	6
<b>JACKSON COUNTY.</b>					
Aug. 23	New Brooklyn House.....	Brooklyn.....	1	2	3
Aug. 23	Crawford Hotel.....	Jackson.....	5	2	7
Aug. 30	Dalton Hotel.....	Jackson.....	24	7	31
Aug. 31	Garage Hotel.....	Jackson.....	3	2	5
Aug. 28	Otaego Hotel.....	Jackson.....	39	33	72
Aug. 13	Ruhl Hotel.....	Jackson.....	9	3	12
Aug. 23	Stowell House.....	Jackson.....	4	3	7
Aug. 31	Springport Hotel, The.....	Springport.....	.....	2	2
<b>KALAMAZOO COUNTY.</b>					
Dec. 1	Burdick Hotel.....	Kalamazoo.....	50	25	75
Nov. 10	Columbia Hotel.....	Kalamazoo.....	7	13	20
Dec. 19	Ehrmann Hotel.....	Kalamazoo.....	2	1	3
Dec. 19	Germania Hotel.....	Kalamazoo.....	3	4	7
Nov. 10	Holt Hotel.....	Kalamazoo.....	1	1	2
Dec. 19	Library Park Hotel.....	Kalamazoo.....	1	1	2
Dec. 19	New Michigan Hotel.....	Kalamazoo.....	1	1	2
Nov. 24	Park-American Hotel.....	Kalamazoo.....	25	19	44
Dec. 18	Portage Hotel.....	Kalamazoo.....	3	2	5
Dec. 18	Reynolds Hotel.....	Kalamazoo.....	2	2	4
Dec. 19	Rickman Hotel.....	Kalamazoo.....	7	8	15
Dec. 19	Savoy Hotel.....	Kalamazoo.....	1	1	2
Dec. 19	Willard's Berghoff Hotel.....	Kalamazoo.....	3	2	5
Dec. 19	Windsor Hotel.....	Kalamazoo.....	1	.....	1
Dec. 5	McElvain Hotel.....	Vicksburg.....	3	4	7

## DEPARTMENT OF LABOR.

*Inspection of hotels.—Continued.*

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>KALKASKA COUNTY.</b>					
April 26	Eagle Hotel .....	Kalkaska .....	1	3	4
April 26	Hammond Hotel .....	Kalkaska .....	1	1	2
April 26	Sieting Hotel .....	Kalkaska .....	2	5	7
April 26	Rapid City House .....	Rapid City .....	1	1	2
April 25	Olin House .....	South Boardman .....	1	1	2
<b>KENT COUNTY.</b>					
Sept. 18	Ada Hotel .....	Ada .....	1	2	3
Sept. 24	Alto Hotel .....	Alto .....	1	2	3
Oct. 12	Casnovia Hotel .....	Casnovia .....	1	3	4
Dec. 3	River Site Hotel .....	Comstock Park .....	2	2	4
Oct. 4	Central Hotel .....	Cedar Springs .....	1	6	7
Jan. 8	Albany Hotel .....	Grand Rapids .....	2	4	6
Jan. 8	Alto Hotel .....	Grand Rapids .....	4	1	5
Jan. 8	Campau Hotel .....	Grand Rapids .....	4	3	7
Jan. 4	Charlevoix Hotel .....	Grand Rapids .....	4	4	8
Jan. 14	Cody Hotel .....	Grand Rapids .....	10	12	22
Dec. 21	Columbia Hotel .....	Grand Rapids .....	3	6	9
Jan. 4	Crathmore Hotel .....	Grand Rapids .....	16	29	45
Dec. 3	Eagle Hotel .....	Grand Rapids .....	7	4	11
Jan. 2	Herkimer Hotel .....	Grand Rapids .....	10	12	22
Jan. 4	Hermitage Hotel .....	Grand Rapids .....	10	11	21
Jan. 14	Livingston Hotel .....	Grand Rapids .....	14	11	25
Jan. 23	Morton Hotel, The .....	Grand Rapids .....	60.	40	100
Dec. 31	New Hotel Mertens .....	Grand Rapids .....	11	20	31
Jan. 17	Pantlind Hotel .....	Grand Rapids .....	118	113	231
Sept. 14	Portland Hotel .....	Grand Rapids .....	1	3	4
Dec. 31	Wellington European Hotel, The .....	Grand Rapids .....	5	3	8
Oct. 11	Bowen Hotel, The .....	Kent City .....	1	3	4
Sept. 7	Waverly Hotel .....	Lowell .....	3	7	10
Oct. 10	Betts House, The .....	Rockford .....	2	2	4
Oct. 2	Park Hotel, The .....	Sand Lake .....	1	3	4
<b>KWEENAW COUNTY.</b>					
Nov. 14	Ahmeek Hotel .....	Ahmeek .....	1	4	5
<b>LAKE COUNTY.</b>					
May 16	Commercial Hotel .....	Baldwin .....	1	1	2
May 16	Fenner Hotel .....	Baldwin .....	1	4	5
May 16	Pacific Hotel .....	Baldwin .....	2	8	10
May 18	Mathews Hotel .....	Luther .....	.....	3	3
<b>LAPEER COUNTY.</b>					
Dec. 5	Markie Hotel .....	Clifford .....	1	1	2
Dec. 8	McKinley House .....	Imlay City .....	1	2	3
Dec. 8	Palmer House, The .....	Imlay City .....	2	4	6
Dec. 15	Elaire Hotel .....	Lapeer .....	5	7	12
Dec. 6	Melanie Hotel .....	North Branch .....	3	5	8
Dec. 6	New North Branch Hotel .....	North Branch .....	2	4	6
<b>LEELANAU COUNTY.</b>					
Dec. 5	Western Hotel .....	Empire .....	2	3	5
Dec. 4	Leelanau Hotel .....	Leeland .....	2	3	5
Dec. 4	Riverside Inn .....	Leeland .....	2	6	8
Oct. 5	O-Sa-Be-Win-Ning Hotel .....	Northport .....	1	3	4
Oct. 4	Suttons Bay Hotel, The .....	Suttons Bay .....	1	3	4

Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>LENAWEE COUNTY.</b>					
Dec. 14	Gregg Hotel	Adrian	8	8	16
Dec. 14	Tavern Hotel, The	Adrian	4	4	8
Dec. 7	Tavern, The	Blissfield	5	5	10
Nov. 30	Clintonian, The	Clinton	3	3	6
Dec. 21	Comstock, The	Hudson	3	3	6
Dec. 13	Saulsbury Hotel	Morenci	5	5	10
Dec. 10	Barrett Hotel	Tecumseh	4	4	8
<b>LIVINGSTON COUNTY.</b>					
Nov. 15	Lockwood Hotel	Fowlerville		4	4
Nov. 14	Livingston Hotel	Howell	3	5	8
<b>LUCE COUNTY.</b>					
Feb. 1	Harris House, The	Newberry	5	5	10
Feb. 1	Johnson House, The	Newberry	4	3	7
Feb. 1	Murphy Hotel, The	Newberry	5	1	6
Jan. 31	Newberry Hotel, The	Newberry	3	5	8
<b>MACKINAW COUNTY.</b>					
Jan. 29	Massey House, The	Brevort Lake	6	7	13
Jan. 28	Cottage Hotel	Engadine		1	1
Jan. 28	Lyman Hotel	Gould City	1	4	5
Jan. 28	May Hotel	Gould City	1	3	4
Jan. 30	Grand Hotel, The	Mackinaw Island	181	71	252
Jan. 29	Moran Hotel	Moran	2	3	5
Jan. 12	Rexton Hotel	Rexton	4	5	9
Jan. 30	Central Hotel	St. Ignace	5	4	9
Jan. 31	Dunham House	St. Ignace	1	5	6
Jan. 31	Leclerc Hotel	St. Ignace	2	6	8
<b>MACOMBS COUNTY.</b>					
Oct. 23	Ember Hotel	Armada	3	3	6
Oct. 4	Albany Hotel, The	Mt. Clemens	2	6	8
Oct. 4	Arlington Hotel, The	Mt. Clemens	1	2	3
Sept. 28	Arethusa Hotel	Mt. Clemens	17	11	28
Sept. 27	Blackstone Hotel, The	Mt. Clemens		4	4
Oct. 4	Capron Hotel, The	Mt. Clemens		5	5
Sept. 26	Cass Hotel, The	Mt. Clemens	4	1	5
Sept. 26	Clementine Hotel	Mt. Clemens	1	8	9
Sept. 27	Clifton House	Mt. Clemens	1	4	5
Sept. 25	Colonial Hotel, The	Mt. Clemens	18	19	37
Sept. 25	Detroit Hotel, The	Mt. Clemens		2	2
Sept. 28	Eastman Hotel, The	Mt. Clemens	7	3	10
Sept. 25	Edison Hotel	Mt. Clemens	3	1	4
Sept. 26	Elkin's Hotel	Mt. Clemens	17	10	27
Oct. 4	Fenton Hotel	Mt. Clemens	4	3	7
Sept. 25	Fountain Hotel	Mt. Clemens	2	2	4
Sept. 27	Glenwood Hotel, The	Mt. Clemens	1	6	7
Sept. 27	Lexington Hotel, The	Mt. Clemens		5	5
Sept. 26	Mattler Hotel, The	Mt. Clemens	1	1	2
Sept. 28	Medea Hotel	Mt. Clemens	21	20	41
Sept. 26	Monroe Hotel	Mt. Clemens	6	3	9
Sept. 28	Olympia Hotel	Mt. Clemens	12	21	33
Sept. 27	Park Hotel	Mt. Clemens	21	49	70
Sept. 26	Plaza Hotel	Mt. Clemens	4	9	13
Sept. 25	Reh Hotel	Mt. Clemens	6	4	10

## Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	em-	em-	em-
			Number males played.	Number females played.	Whole number played.
<b>MACOMB Co.—Con.</b>					
Sept. 25	Rudolph Hotel.....	Mt. Clemens.....	3	2	5
Oct. 5	Sherman Hotel.....	Mt. Clemens.....	11	14	25
Sept. 27	Stag Hotel, The.....	Mt. Clemens.....	4	1	5
Sept. 26	Villa, The.....	Mt. Clemens.....	2	5	7
Oct. 16	Chesterfield Hotel, The.....	New Baltimore.....	2	2	2
Oct. 18	Graustark Hotel.....	New Haven.....	2	3	5
Oct. 19	Elliott Hotel, The.....	Richmond.....	1	3	4
Oct. 19	Lenox Hotel.....	Richmond.....	3	3	6
Oct. 24	Romeo Hotel.....	Romeo.....	2	4	6
Oct. 25	Berger Hotel.....	Utica.....	2	2	4
<b>MANISTEE COUNTY.</b>					
Feb. 18	Arcadian Inn, The.....	Arcadia.....	2	2	4
Feb. 16	Copemish House.....	Copemish.....	1	2	3
Feb. 15	Shamrock Hotel.....	Copemish.....	1	4	5
Feb. 15	Cottage Hotel, The.....	Kaleva.....	2	1	3
Feb. 15	Dickson Hotel.....	Kaleva.....	1	2	3
Feb. 19	Central Hotel.....	Manistee.....	2	4	6
Feb. 21	Chippewa Hotel.....	Manistee.....	7	8	15
Feb. 20	Milwaukee House.....	Manistee.....	3	3	3
Feb. 20	Northern Hotel.....	Manistee.....	1	10	11
Feb. 20	Svea Hotel.....	Manistee.....	2	3	5
Feb. 18	Onekama Hotel.....	Onekama.....	1	3	4
Feb. 25	Wellston Hotel.....	Wellston.....	1	3	4
<b>MARQUETTE COUNTY.</b>					
May 18	Independence Hotel.....	Big Bay.....	3	9	12
Aug. 21	Gwinn Hotel.....	Gwinn.....	1	7	8
June 15	Anderson Hotel, The.....	Ishpeming.....	1	5	6
June 19	Billing's Hotel.....	Ishpeming.....	3	2	5
June 15	Commercial Hotel.....	Ishpeming.....	1	2	3
June 14	Garfield House.....	Ishpeming.....	1	3	4
June 16	Nelson Hotel, The.....	Ishpeming.....	9	12	22
June 13	New Urban Hotel, The.....	Ishpeming.....	3	5	8
June 1	Brunswick Hotel, The.....	Marquette.....	3	12	15
May 26	Clifton Hotel.....	Marquette.....	6	12	18
June 1	Jansen Hotel.....	Marquette.....	1	4	5
May 25	Marquette Hotel.....	Marquette.....	10	14	24
June 9	New Summit Hotel, The.....	Marquette.....	2	4	6
June 22	Breitung Hotel.....	Negaunee.....	3	11	14
<b>MASON COUNTY.</b>					
May 10	Custer Hotel.....	Clinton.....	1	1	2
May 11	Fountain Hotel.....	Fountain.....	1	1	2
May 1	Commercial Hotel.....	Ludington.....	1	3	4
May 8	Fletcher Hotel.....	Ludington.....	2	3	5
April 27	Herrgesell Hotel.....	Ludington.....	1	2	3
May 2	Lake View Hotel.....	Ludington.....	1	1	1
May 2	Ludington Hotel.....	Ludington.....	1	2	2
May 8	Pere Marquette Hotel.....	Ludington.....	1	2	3
April 28	Stearns Hotel.....	Ludington.....	8	17	25
May 15	Scottville Hotel.....	Scottville.....	1	3	4

Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>MECOSTA COUNTY.</b>					
April 9	Commercial Hotel	Barryton		3	3
Mar. 27	Montreal House	Big Rapids	2	3	5
Mar. 26	Western Hotel	Big Rapids	7	7	14
April 10	Remus Hotel	Remus	1	4	5
Jan. 23	Cloverland Hotel	Hermansville	1	3	4
Jan. 23	Menominee Hotel	Hermansville	2	5	7
Jan. 23	Ingalls Hotel	Ingalls	1	1	2
Jan. 23	Menominee Hotel	Menominee	9	11	20
Jan. 18	Richard Hotel	Menominee	2	4	6
Jan. 23	Fontanna Hotel	Powers	1	3	4
Jan. 23	Commercial Hotel	Stephenson	1	4	5
<b>MISSAUKIE COUNTY.</b>					
Feb. 15	Curtis Hotel	Jennings	1	5	6
Feb. 15	Grand Central Hotel	Lake City	2	3	5
Feb. 14	McKinnon Hotel	McBain	2	2	4
<b>MONROE COUNTY.</b>					
Nov. 20	Commercial Hotel	Monroe	1	2	3
Nov. 14	Park Hotel, The	Monroe	2	12	14
<b>MONTCALM COUNTY.</b>					
June 15	Phelps Hotel	Greenville	3	8	11
June 20	Winter Inn	Greenville	4	7	11
June 8	Golden Hotel	Howard City	2	6	8
June 21	Lakeside Inn, The	Lakeview	1	4	5
<b>MONTMORENCY COUNTY.</b>					
Aug. 16	Central Hotel, The	Atlanta	2	3	5
Aug. 16	Martindale Hotel	Atlanta	1	5	6
Aug. 16	Hillman House, The	Hillman	1	4	5
Aug. 30	Three Lakes Hotel	Blue Lake	1	2	3
<b>MUSKEGON COUNTY.</b>					
Aug. 30	Holton Hotel	Holton	1	2	3
Sept. 5	American Lodging House	Muskegon		1	1
Oct. 24	Collins Hotel	Muskegon	1	1	2
Jan. 8	Franklin House	Muskegon	1	1	2
Oct. 22	Grignon Boarding House	Muskegon		3	3
Oct. 24	Hammerschmidt Hotel	Muskegon		1	1
Sept. 5	Hathaway Lodging House	Muskegon		1	1
Nov. 5	Hentchel Hotel	Muskegon	4	8	12
Oct. 27	Huber Hotel	Muskegon	1	1	2
Oct. 12	Lambert Hotel	Muskegon	1	2	3
Dec. 8	Mears Hotel	Muskegon	1	3	4
Nov. 9	Milwaukee House	Muskegon	1	2	3
Nov. 4	Muskegon Hotel	Muskegon	8	6	14
Oct. 2	Nord Hotel	Muskegon	4	6	10
Nov. 9	Occidental Hotel	Muskegon	24	26	50
Sept. 5	Park Hotel	Muskegon	1	2	3
Oct. 16	Pen Bryn Hotel	Muskegon	4	3	7
Oct. 4	Pine Hurst Hotel	Muskegon	3	4	7
Oct. 2	Steiner House	Muskegon	1	3	4
Oct. 24	Willard Rooming House	Muskegon		1	1

## DEPARTMENT OF LABOR.

## Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>MUSKEGON Co.—Con.</b>					
Sept. 11.	Willis, Mrs. L. G. Rooming House .....	Muskegon .....	1	1	2
Nov. 7	Bezaury Hotel .....	Muskegon Heights .....		4	4
Nov. 7	Lawrence Boarding House .....	Muskegon Heights .....		6	6
Nov. 12	Ravenna Hotel .....	Ravenna .....	2	4	6
<b>NEWAYGO COUNTY.</b>					
June 21	DeHaas Hotel .....	Fremont .....	2	7	9
June 22	Van's Inn .....	Fremont .....	2	3	5
June 13	Grant Hotel .....	Grant .....	1	4	5
June 15	Courtwright Hotel .....	Newaygo .....	2	3	5
June 19	Atlantic Hotel .....	White Cloud .....	2	4	6
May 12	Central Hotel .....	White Cloud .....	1	1	2
<b>OAKLAND COUNTY.</b>					
Sept. 15	Pack Hotel .....	Birmingham .....	2	3	5
Sept. 13	Grace House .....	Farmington .....		2	2
Nov. 1	Allendorf Hotel, The .....	Holly .....	3	4	7
Oct. 31	Central House .....	Milford .....	1	6	7
Sept. 10	Perry House, The .....	New Hudson .....	1	2	3
Oct. 30	Oakland Hotel .....	Oxford .....		4	4
Sept. 29	Cleveland House .....	Pontiac .....	1	1	2
Oct. 19	Colonial Hotel .....	Pontiac .....	2		2
Oct. 12	Harnack Hotel .....	Pontiac .....	1	1	2
Oct. 11	Huron Hotel .....	Pontiac .....	1	3	4
Oct. 23	Kenwood Hotel .....	Pontiac .....	4	4	8
Oct. 11	Stagg Hotel .....	Pontiac .....	2	3	5
Oct. 12	Woodward Hotel .....	Pontiac .....	2	7	9
Oct. 25	St. James Hotel .....	Rochester .....	1	1	2
Sept. 10	Lyon Hotel, The .....	South Lyon .....		1	1
<b>OCEANA COUNTY.</b>					
June 11	Wigton Hotel .....	Hart .....	2	7	9
June 11	Hesperia Hotel .....	Hesperia .....	1	3	4
June 9	New Era Hotel .....	New Era .....	2	1	3
May 21	Clendee Hotel .....	Pentwater .....	1	3	4
May 21	Verbeck Tavern .....	Pentwater .....	1	2	3
June 11	Shelby Hotel .....	Shelby .....	2	6	8
June 11	Wade Wright Inn .....	Shelby .....	1	2	3
<b>ONTONAGON COUNTY.</b>					
Nov. 21	Kidd Hotel .....	Mass .....	2	3	5
Nov. 19	Elk Hotel .....	Ontonagon .....	1	7	8
Nov. 19	Hawley House .....	Ontonagon .....	3	3	6
<b>OSCODA COUNTY.</b>					
Dec. 18	Mio Hotel .....	Mio .....	1	2	3
<b>OTSEGO COUNTY.</b>					
Nov. 23	New Otsego Hotel .....	Elmira .....		3	3
Sept. 20	Cadillac Hotel, The .....	Gaylord .....	1	3	4
Sept. 20	Delmont Hotel .....	Gaylord .....	2	3	5
Sept. 19	Otsego Hotel .....	Gaylord .....	2	3	5
Sept. 21	New Franklin Hotel .....	Johannesburg .....	1	2	3



Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>OTTAWA COUNTY.</b>					
Jan. 31	Conklin Hotel.....	Conklin.....	2	3	5
Dec. 29	Bristol Hotel.....	Holland.....	1	2	3
Dec. 28	Holland Hotel.....	Holland.....	6	2	8
Jan. 9	Gildner Hotel.....	Grand Haven.....	10	10	20
<b>PRESQUE ISLE COUNTY.</b>					
Oct. 30	Peets Hotel.....	Hawks.....	2	2	4
Oct. 30	Trapp Hotel.....	Hawks.....	2	1	3
Oct. 31	Clermont Hotel, The.....	Millersburg.....	1	2	3
Oct. 31	D. & M. Hotel.....	Millersburg.....	1	1	2
Aug. 23	Chandler Hotel.....	Onaway.....	1	12	13
Aug. 25	Globe Hotel.....	Onaway.....	1	4	5
Aug. 25	Huron House, The.....	Onaway.....	1	3	4
Aug. 23	Metropole Hotel.....	Onaway.....	4	6	10
Aug. 23	Presque Isle Hotel.....	Onaway.....		3	3
Aug. 21	Adams House.....	Posen.....	2	2	4
Aug. 20	Central Hotel.....	Rogers City.....	2	2	4
Aug. 21	Kitchen House.....	Rogers City.....	1	3	4
<b>SAGINAW COUNTY.</b>					
Dec. 18	Schmitser Brothers Hotel.....	Birch Run.....	6	4	10
Dec. 11	Center House.....	Bridgeport.....	6	4	10
Dec. 26	Central Hotel.....	Cheesaning.....	4	5	9
Dec. 14	Goets Hotel.....	Frankenmuth.....	3	3	6
Dec. 13	Naegle Hotel.....	Frankenmuth.....	1	2	3
Dec. 14	New Commercial House.....	Frankenmuth.....	1	3	4
Dec. 14	New Exchange Hotel.....	Frankenmuth.....	2	3	5
Dec. 13	Union House.....	Frankenmuth.....	4	2	6
Dec. 12	Hummel Hotel, The.....	Freeland.....	2	4	6
Jan. 2	Central Hotel.....	Gera.....	1	2	3
Dec. 20	National Hotel.....	Hemlock.....	3	2	5
Dec. 20	Stroebel House.....	Hemlock.....	4	3	7
Dec. 19	Kohlschmidt Hotel.....	Merrill.....	4	4	8
Dec. 19	Merrill Hotel.....	Merrill.....	2	5	7
Dec. 28	Clifford Hotel.....	Oakley.....	1	3	4
Dec. 28	Oakley Hotel.....	Oakley.....	1	2	3
Sept. 24	Atlantic Hotel.....	Saginaw.....	1	2	3
Nov. 10	Bancroft Hotel.....	Saginaw.....	70	45	115
Nov. 22	Benjamin Franklin Hotel, The.....	Saginaw.....	13	12	25
Nov. 20	Dittmar Hotel.....	Saginaw.....	1	4	5
Oct. 5	Everett House, The.....	Saginaw.....	7	4	11
Dec. 4	Fordney Hotel, The.....	Saginaw.....	15	13	28
Nov. 23	Franklin Hotel.....	Saginaw.....	1	3	4
Sept. 19	Green Hotel.....	Saginaw.....	3	2	5
Nov. 7	Hoffman Stag Hotel.....	Saginaw.....	3	1	4
Dec. 3	International Hotel.....	Saginaw.....	3	3	6
Nov. 23	Kerby House.....	Saginaw.....	3	5	8
Oct. 23	Lesher Hotel.....	Saginaw.....	4	2	6
Oct. 17	Merts Hotel.....	Saginaw.....	9	2	11
Sept. 19	Pacific Hotel.....	Saginaw.....	2	2	4
Nov. 21	Park View Hotel.....	Saginaw.....	3	1	4
Nov. 23	Rice Hotel.....	Saginaw.....	1	3	4
Oct. 2	Roma Hotel.....	Saginaw.....	2	2	4
Oct. 24	Saratago Hotel.....	Saginaw.....	2	2	4
Nov. 16	Schuch Hotel.....	Saginaw.....	4	6	10

## Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	en-	en-	en-
			Number males played.	Number females played.	Whole number played.
<b>SAGINAW Co.—Con.</b>					
Sept. 25	Sherman House.....	Saginaw.....	5	2	7
Dec. 21	Star Hotel, The.....	Saginaw.....	3	1	4
Oct. 3	Tuscola House.....	Saginaw.....	1	2	3
Nov. 10	Veague's Hotel.....	Saginaw.....	8	7	15
Nov. 9	Vincent Hotel.....	Saginaw.....	18	18	36
Sept. 25	Wesley Hotel.....	Saginaw.....	3	2	5
Nov. 10	Wright's Hotel.....	Saginaw.....	6	3	9
Dec. 27	Naismith Hotel.....	St. Charles.....	1	3	4
Dec. 27	St. Charles Hotel.....	St. Charles.....	2	2	4
<b>ST. CLAIR COUNTY.</b>					
Sept. 5	Park Hotel.....	Algonac.....	2	5	7
Sept. 6	Avoca House, The.....	Avoca.....	3	1	4
Sept. 6	Norway Hotel, The.....	Avoca.....	2	1	3
Sept. 11	Columbia Hotel.....	Capac.....	3	5	8
Sept. 11	Jackson Hotel.....	Capac.....	9	6	15
Sept. 13	Emmet House.....	Emmet.....	4	4	8
Aug. 31	Colonial Hotel.....	Marine City.....	1	4	5
Aug. 31	Dupont Hotel.....	Marine City.....	3	6	9
Aug. 31	International Hotel.....	Marine City.....	2	2	4
Sept. 13	National Hotel.....	Memphis.....	3	1	4
Aug. 27	American Hotel.....	Port Huron.....	3	2	5
Aug. 24	Atlantic Hotel.....	Port Huron.....	2	2	4
Aug. 27	Beckton Hotel.....	Port Huron.....	5	2	7
Aug. 24	City Hotel.....	Port Huron.....	2	1	3
Aug. 24	Edison Hotel.....	Port Huron.....	1	4	5
Aug. 25	Gratiot Inn.....	Port Huron.....	15	27	42
Aug. 27	Griswold Hotel.....	Port Huron.....	2	2	4
Aug. 25	Harrington Hotel.....	Port Huron.....	25	23	48
Aug. 27	Lauth Hotel.....	Port Huron.....	4	6	10
Aug. 24	Messenger Hotel.....	Port Huron.....	5	1	6
Aug. 24	Metropole Hotel.....	Port Huron.....	6	1	7
Aug. 27	Normandie Hotel.....	Port Huron.....	5	5	10
Aug. 27	Ronan Hotel.....	Port Huron.....	5	2	7
Aug. 24	Union Hotel.....	Port Huron.....	8	4	12
Aug. 25	Windermere Hotel.....	Port Huron.....	16	38	54
Aug. 29	Cadillac Hotel.....	St. Clair.....	1	7	8
Aug. 29	St. Clair House.....	St. Clair.....	2	4	6
Aug. 30	Sherman House.....	St. Clair.....	2	2	4
Sept. 7	Harrington Hotel.....	Yale.....	3	3	6
Sept. 6	Paisley Hotel, The.....	Yale.....	3	5	8
<b>ST. JOSEPH COUNTY.</b>					
Dec. 7	Klesner Hotel.....	Centerville.....	3	3	6
Dec. 12	St. Joe House.....	Colon.....	2	3	5
Dec. 8	Harvey Hotel.....	Constantine.....	2	6	8
Dec. 11	Wakeman Hotel, The.....	Mendon.....	2	4	6
Dec. 11	Elliott Hotel.....	Sturgis.....	7	9	16
Dec. 11	Ritger Hotel.....	Sturgis.....	1	1	2
Dec. 7	Central House.....	Three Rivers.....	2	7	9
Dec. 7	Three Rivers House.....	Three Rivers.....	2	6	8
Dec. 8	Kingsbury Hotel.....	White Pigeon.....	2	2	4

Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>SANILAC COUNTY.</b>					
Nov. 8	Carroll Hotel	Brown City	1	2	3
Nov. 1	Morash Hotel	Carsonville	1	2	3
Oct. 27	Croswell Hotel, The	Croswell	2	6	8
Oct. 27	Helm Hotel	Croswell	2	2	2
Nov. 2	Peplow Hotel	Deckerville	3	5	8
Oct. 29	Cadillac Hotel	Lexington	1	1	2
Nov. 7	New Exchange Hotel, The	Marlette	2	3	5
Nov. 12	De Rosa Hotel, The	Minden	1	1	1
Nov. 12	Weber Brothers	Minden	2	3	2
Nov. 12	West End Hotel, The	Minden	1	1	5
Nov. 5	New American Hotel	Peck	1	1	2
Nov. 5	New Home Hotel	Peck	1	2	3
Oct. 31	New McDonald Hotel, The	Sandusky	5	8	13
Oct. 31	Sandusky House, The	Sandusky	1	2	3
<b>SCHOOLCRAFT COUNTY.</b>					
Jan. 25	Barnes Hotel, The	Manistique	2	4	6
Jan. 26	Hiawatha Hotel	Manistique	4	5	9
Jan. 25	Keystone Hotel	Manistique	3	3	6
Jan. 25	Manistique Hotel	Manistique	3	5	8
Jan. 26	New American Hotel	Manistique	3	4	7
Jan. 24	Ossawinamakee Hotel	Manistique	3	10	13
Jan. 24	Park Hotel	Manistique	2	3	5
<b>SHIAWASSEE COUNTY.</b>					
Nov. 21	Junction House	Durand	1	2	3
Nov. 21	Richelieu Hotel	Durand	1	1	2
Nov. 23	National Hotel	Owosso	2	3	5
Nov. 24	Wildermuth Hotel	Owosso	5	11	16
<b>TUSCOLA COUNTY.</b>					
Aug. 23	Caro Hotel	Caro	1	6	7
Aug. 23	Edmonds Hotel	Caro	2	4	6
Sept. 8	Montague Hotel	Caro	4	8	12
Sept. 10	Secor Hotel	Caro	2	4	6
Sept. 7	Fostoria Hotel	Fostoria	2	2	2
Aug. 10	Truesdell House	Gagetown	1	2	3
Sept. 5	Kingston Hotel	Kingston	1	3	4
Sept. 6	Shay's Tavern	Mayville	2	1	3
Aug. 13	Colonial Hotel, The	Reese	1	2	3
Aug. 23	Columbia Hotel	Vassar	2	3	5
Aug. 21	Commercial Hotel	Vassar	3	5	8
Sept. 5	Wilmot Hotel	Wilmot	3	3	3
<b>VAN BUREN COUNTY.</b>					
Oct. 16	Sebring Hotel	Bangor	2	4	6
Oct. 29	Park View Hotel	Bloomingsdale	1	3	4
Nov. 5	Paddock Hotel	Decatur	1	4	5
Oct. 24	Acme Hotel	Grand Junction	2	2	2
Oct. 24	Hartford House, The	Hartford	2	5	7
Oct. 24	Jillson House	Hartford	1	1	2
Oct. 24	Marquette Hotel	Hartford	1	1	2
Oct. 2	Bassett Hotel	Lawrence	1	1	2
Nov. 1	Mack Hotel	Lawton	2	2	4
Nov. 3	Clifton Hotel	Paw Paw	2	5	7
Oct. 26	Johnston Hotel, The	South Haven	3	8	11

## DEPARTMENT OF LABOR.

*Inspection of hotels.—Continued.*

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
WASHTENAW COUNTY.					
Aug. 8	Allene Hotel, The	Ann Arbor	9	13	22
Aug. 16	American Hotel	Ann Arbor	9	7	16
Aug. 16	Catalpa Hotel	Ann Arbor	13	3	16
Aug. 16	St. James Hotel	Ann Arbor	1	1	2
Aug. 16	Whitney Hotel	Ann Arbor	6	8	14
Aug. 29	Boyd's Hotel	Chelsea		4	4
Aug. 29	Crescent Hotel, The	Chelsea	1	6	7
Aug. 28	Dexter House, The	Dexter		2	2
July 7	Stimpson Hotel	Milan	2	5	7
July 14	Tavern, The	Saline		2	2
July 17	Hawkins House	Ypsilanti	6	5	11
July 18	Occidental Hotel	Ypsilanti	1	1	2
WAYNE COUNTY.					
Dec. 13	Alpha Hotel	Detroit	1	2	3
Dec. 11	Arlington Hotel	Detroit		1	1
Dec. 11	Berghoff Hotel	Detroit	157	21	178
Dec. 13	Berkshire Hotel	Detroit	4	6	10
Dec. 14	Boston Hotel, The	Detroit	2	3	5
Dec. 10	Breitmeyer Hotel	Detroit	19	6	25
Jan. 31	Briggs Hotel	Detroit	4	4	8
Dec. 12	Broadway Hotel	Detroit	2	1	3
Dec. 11	Brunswick Hotel	Detroit	6	5	11
Dec. 10	Burns Hotel	Detroit	13	11	24
Dec. 12	Cadillac Hotel	Detroit	132	58	190
Dec. 12	Charles Hotel	Detroit	8	5	13
Dec. 13	Charlevoix Hotel	Detroit	33	39	72
Dec. 11	City Hotel	Detroit	3	8	11
Dec. 14	Columbia Hotel	Detroit	2	3	5
Dec. 10	Congress Hotel	Detroit	3	2	5
Dec. 13	Delmar Hotel	Detroit	1	1	2
Dec. 13	Detroit Hotel	Detroit	3	2	5
Dec. 11	Eastern Hotel	Detroit	2	2	4
Dec. 13	Eldorado Hotel	Detroit	6	14	20
Dec. 14	Elizabeth Hotel	Detroit		2	2
Dec. 12	Ferry Hotel	Detroit	2		2
Dec. 11	Franklin Hotel	Detroit	7	4	11
Dec. 12	Grand Union Hotel	Detroit	16	2	18
Dec. 11	Griswold House Annex	Detroit		2	2
Dec. 10	Griswold House	Detroit	50	45	95
Dec. 17	Henry Clay Hotel	Detroit	8	15	23
Dec. 11	Hermitage Hotel	Detroit	10	9	19
Dec. 13	Hofman Hotel	Detroit	7	6	13
Dec. 14	Hub Hotel	Detroit	1	3	4
Dec. 14	Imperial Hotel	Detroit	3	4	7
Dec. 10	Interurban Hotel	Detroit	5	4	9
Dec. 14	Iroquois Hotel	Detroit	4	4	8
Dec. 10	Jefferson Hotel	Detroit	9	5	14
Dec. 14	Lafayette Hotel, The	Detroit	1	5	6
Dec. 10	Leonard's Hotel	Detroit	5	1	6
Dec. 17	Leonart Hotel	Detroit		3	3
Dec. 13	Lenox Hotel	Detroit	4	6	10
Jan. 9	Library Park Hotel	Detroit	23	41	64
Dec. 13	Lincoln Hotel	Detroit	10	5	15
Dec. 14	Lindell Hotel	Detroit	4	2	6
Dec. 14	Mack Hotel	Detroit	2	2	4
Dec. 13	Madison Hotel	Detroit	10	12	22
Dec. 14	Metropole Hotel	Detroit	69	27	96
Dec. 12	Michigan Hotel	Detroit	2	4	6

## Inspection of hotels.—Concluded.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>WAYNE CO.—Con.</b>					
Dec. 11	Morgan Hotel.....	Detroit.....	10	5	15
Dec. 14	New Palace Hotel.....	Detroit.....	3	1	4
Dec. 15	Normandie Hotel.....	Detroit.....	22	12	34
Dec. 11	Norton Hotel.....	Detroit.....	16	10	6
Dec. 12	Oriental Hotel.....	Detroit.....	15	7	22
Dec. 11	Oxford Hotel.....	Detroit.....	6	5	11
Dec. 11	Pall Mall Hotel.....	Detroit.....	3	2	4
Dec. 12	Peoples Hotel.....	Detroit.....	3	2	4
Dec. 14	Pinehurst Hotel.....	Detroit.....	1	3	4
Dec. 13	Plaza Hotel.....	Detroit.....	8	25	33
Dec. 14	Ponchartrain Hotel.....	Detroit.....	288	192	480
Dec. 13	Powers Hotel.....	Detroit.....	2		2
Dec. 14	Priscilla Inn.....	Detroit.....	3	31	34
Dec. 11	Randolph Hotel.....	Detroit.....	12	3	15
Dec. 14	Rogers Hotel.....	Detroit.....	2	3	5
Dec. 14	Savoy Hotel.....	Detroit.....	6	2	8
Dec. 11	Stag Hotel.....	Detroit.....	3		3
Dec. 13	Statler Hotel.....	Detroit.....	419	296	715
Dec. 11	Ste. Claire Hotel.....	Detroit.....	15	14	29
Dec. 13	Tuller Hotel.....	Detroit.....	182	161	343
Dec. 14	Vendor Hotel.....	Detroit.....	2	1	3
Dec. 11	Victory Hotel.....	Detroit.....	5	4	9
Dec. 11	Wabash Hotel.....	Detroit.....	3	2	5
Dec. 12	Wayne Hotel (Baths).....	Detroit.....	18	4	22
Dec. 1	Wayne Hotel.....	Detroit.....	50	30	80
Dec. 14	Wilson Hotel.....	Detroit.....	2	2	4
Dec. 11	Wobrock Hotel.....	Detroit.....	6	2	8
Dec. 13	Woova Hotel.....	Detroit.....	2	1	3
Dec. 14	Young Woman's Home.....	Detroit.....	1	12	13
<b>WEXFORD COUNTY.</b>					
Feb. 11	Central Hotel.....	Cadillac.....		2	2
Feb. 11	Cooperative Hotel.....	Cadillac.....	2	4	6
Jan. 18	Jorgensen Hotel.....	Cadillac.....	1	10	11
Jan. 16	McKinnon Hotel.....	Cadillac.....	20	17	37
Jan. 18	New Russell Hotel.....	Cadillac.....	2	2	4
Feb. 12	Park House.....	Cadillac.....		4	4
Feb. 12	Royal Hotel.....	Cadillac.....	1	4	5
Feb. 14	Piper Hotel, The.....	Manton.....	1	3	4

## ORDERS ISSUED ON HOTELS FOR 1917.

*Alma.*

May 15, 1917.

ALMA HOTEL.—At once provide each sleeping room with rope not less than 5/8 of an inch in diameter securely fastened near window and knotted every eighteen inches and long enough to reach to the ground. Provide sheets 90 inches in length.

*Battle Creek.*

October 25, 1917.

WAHELEE, MRS. MARY.—At once cover back stairway with corrugated steel and provide fire extinguishers in hall on second floor.

*Bay City.*

March 6, 1917.

MOORE, ANTOINE.—At once erect fire escape on your hotel either on Fifth Street or Jefferson Street side of same, said fire escape to be built according to state specifications.

*Benton Harbor.*

November 26, 1917.

DAWN HOTEL.—At once change windows at fire escapes to swing out and away from ladders of fire escape. Place signs in halls showing way to fire escapes and red lights at windows and doors where fire escape is located. Keep individual towels in all wash rooms.

*Bessemer.*

December 7, 1917.

GOGEBIC HOUSE.—Within twenty days install a toilet in the Gogebic House for separate use of females, have same properly lighted and ventilated and designated for Ladies Only. Install regulation ropes in all sleeping rooms on second floor as per section 4, Act 188. Provide chemical fire extinguishers in each hall on second floor as per Section 3, Act 188.

December 7, 1917.

MRS. T. W. PHILIP, OWNER NORTHWESTERN HOTEL.—At once install toilet for separate use of female employes, and disinfect and keep in a sanitary condition all toilets in hotel. Place regulation ropes in all bed rooms on second floor, also chemical fire extinguishers in halls in compliance with Section 3, Act 188.

*Big Bay.*

May 18, 1917.

HOTEL INDEPENDENCE.—At once make such changes as to give proper ventilation in basement kitchen of your hotel. Provide one more toilet for use of females working in said kitchen. Put handrail on stairway leading from main floor to second floor in said hotel.

*Birmingham.*

September 14, 1917.

BIRMINGHAM INN.—At once put toilet on first floor in good repair, also toilet of second floor on long hall in a sanitary condition. Clean out basement under restaurant.

September 15, 1917.

PECK HOTEL.—At once have toilet in bath room put in good working order and in a sanitary condition. Install all sheets, quilts and blankets to be at least 90 inches in length. Put toilet off restaurant in working order and in a sanitary condition and keep it so.

*Brinkley.*

January 29, 1918.

GLEASON, MRS. JOHN.—At once provide sheets 90 inches in length on all beds, and post printed notices calling attention of guests to fire escape.

*Casnovia.*

October 12, 1917.

HOTEL CASNOVIA.—At once post notices in halls and bed rooms calling attention to fire escapes and giving direction to same.

*Chelsea.*

August 29, 1917.

CRESCENT HOTEL.—At once place ropes in each sleeping room, bath room and hall where windows are located at outside of building, said ropes to be of sufficient length to reach to ground and securely fastened on inside of each room. Post notices in halls and room directing use of ropes in case of fire. Have paper and rubbish removed from basement.

*Copemish.*

February 16, 1918.

COPEMISH HOUSE.—At once scrub floors throughout hotel. Disinfect and put hotel in a sanitary and healthy condition. Build new toilet for ladies, also one for men, and keep same in sanitary condition. Give kitchen a thorough cleaning.

*Crystal Falls.*

December 26, 1917.

GREEN HOTEL.—Within thirty days calcimine kitchen, and put same in a sanitary condition. Fasten ropes in sleeping rooms so that they cannot slip off hooks. Furnish all sheets 90 inches in length.

*Detroit.*

March 12, 1917.

AVALO HOTEL.—At once provide handrails for all stairways; guard stairway opening on third floor. Provide chemical fire extinguishers for hallways. Extend balcony of fire escape to take in the window of hallway on third floor; post printed notices directing way to same as provided for in Sections 2-3 of State Law.

March 17, 1917.

AVALO HOTEL.—At once extend balcony of fire escape to take in west window of hallway on third floor of three story building at 70 East Congress Street, known as Avalo Hotel.

December 11, 1917.

BRIGGS HOTEL.—At once have signs placed in halls on all upper floors directing way to fire escape and provide chemical fire extinguishers on each floor.

March 14, 1917.

BROADWAY HOTEL.—At once provide chemical fire extinguishers for halls, and post printed notices directing way to fire escape when same has been erected.

December 11, 1917.

HOTEL BRUNSWICK.—At once place sign directing way to fire escape opposite room No. 119, Second floor, and keep red light burning denoting exit.

March 8, 1917.

CITY HOTEL.—At once repair platform on balcony of fire escape and provide printed notices in hallways directing way to same. Place signs on toilet designating sex using same. Provide chemical fire extinguishers for use as provided for by Section 3 of State Law.

March 12, 1917.

**HOTEL CLEMENT.**—At once provide chemical fire extinguishers in halls and provide in every bed room on second floor a Manila rope, complying with Section 4 of Act 188, Public Acts of 1913.

December 14, 1917.

**HOTEL COLUMBIA.**—At once put chemical fire extinguisher on each floor.

March 13, 1917.

**CONGRESS HOTEL.**—At once provide chemical fire extinguishers for halls in compliance with Act 188 of the Public Acts of 1913.

March 12, 1917.

**HOTEL IMPERIAL.**—At once provide chemical fire extinguishers in halls, also post printed notices in halls and bed rooms calling attention to fire escape and giving directions of the same.

March 9, 1917.

**INTERURBAN HOTEL.**—At once provide chemical fire extinguishers in halls, also post printed notices in bedrooms calling attention to fire escape.

December 14, 1917.

**HOTEL ILLINOIS.**—Provide chemical fire extinguishers for each floor.

March 6, 1917.

**LEONARD HOTEL.**—At once provide halls with chemical fire extinguishers and post printed notices in halls and bed rooms calling attention to fire escape.

December 13, 1917.

**HOTEL LINCOLN.**—At once post printed notices in halls and bedrooms calling attention to fire escapes and directing use of same.

March 13, 1917.

**MACK HOTEL.**—At once provide chemical fire extinguishers in halls, also post printed notices in bed rooms calling attention and giving direction to fire escape.

May 11, 1917.

**HOTEL MADISON.**—At once completely enclose elevator shafts on all floors of Madison Hotel, as provided for by Section 12 of Act 285 of State law governing hotels. Provide printed notices directing way to fire escape in Lenox Hotel.

December 14, 1917.

**NEW PALACE HOTEL.**—At once provide in every bed room on the second floor a Manila rope to comply with Section 4 of law governing hotels. Provide printed notices in every bed room on the second floor calling attention to such rope and giving directions for its use.

December 12, 1917.

**PEOPLES HOTEL.**—At once post printed notices in halls and bed rooms calling attention to fire escapes and directions for use of same. Provide individual textile towels.

December 13, 1917.

**POWERS HOTEL.**—At once post printed notices in bed rooms directing way to fire escapes. Provide chemical fire extinguishers in halls.



December 12, 1917.

SAMOUELIAN, TOMAS.—At once provide halls with chemical fire extinguishers. Post printed notices in halls and bed rooms calling attention to fire escapes and directions for use of same. Provide individual textile towels.

March 8, 1917.

STAG HOTEL.—At once provide chemical fire extinguishers for hallways on third and fourth floors as provided for by Section Three of State law relating to hotels. Remove rubbish and ashes from closets on third and fourth floors and do not let same accumulate in building.

March 12, 1917.

HOTEL TRIX.—At once provide chemical fire extinguishers from halls and post printed notices directing way to fire escape, all to comply with Act 188 of the Public Acts of 1913.

March 4, 1918.

TULLER HOTEL.—At once see that all male elevator operators are over eighteen years of age.

March 9, 1917.

VENDOR HOTEL.—At once remove all obstructions from fire escape and provide printed notices directing way to same, also provide chemical fire extinguishers for halls, all in compliance with Act 188 of the Public Acts of 1913.

December 14, 1917.

VENDOR HOTEL.—At once provide public halls with chemical fire extinguishers. Post printed notices in halls and bed rooms calling attention to fire escape. Remove all obstructions from fire escapes.

March 8, 1917.

WABASH HOTEL.—At once provide chemical fire extinguishers for halls and printed notices directing way to fire escape for second floor, also keep all doors leading to fire escape unlocked, all in compliance with Act No. 188.

December 14, 1917.

HOTEL WILSON.—At once provide fire extinguishers in halls. Discontinue use of three bed rooms leading to fire escape on each floor and keep same unlocked at all times.

*Escañaba.*

April 16, 1917.

STEPHENSON HOTEL.—At once provide ropes in sleeping rooms in hotel. Post printed notices in halls and bed rooms calling attention to same. Provide chemical fire extinguishers in hallways in said hotels.

*Fenton.*

November 27, 1917.

HOTEL FENTON.—At once clean up back room. Place individual towels in wash room. Install hood over cook stove to carry away fumes. Provide sheets and blankets on all beds that measure at least 90 inches in length.

*Gaylord.*

September 20, 1917.

DYER, MINNIE BOARDING AND ROOMING HOUSE.—At once place ropes in sleeping rooms and have notices calling attention to same posted in rooms. Provide two fire extinguishers in hall on second floor.

*Grand Ledge.*

June 19, 1917.

THE GRAND LEDGE HOUSE.—At once put railing on stairs leading from street to office. Hang front door to swing outward. Put printed notices in halls and sleeping rooms calling attention to and directing way to fire escape.

*Grand Rapids.*

January 8, 1918.

ALBANY HOTEL.—At once post notices in halls and bedrooms calling attention to exits and directing way to same. Provide halls with chemical fire extinguishers.

January 8, 1918.

ALTO HOTEL.—At once post notices in hall and rooms directing way to exits.

September 14, 1917.

PORTLAND HOTEL.—At once clean toilets and put same in sanitary condition. Give house general cleaning.

*Hancock.*

September 21, 1917.

CENTRAL HOUSE.—At once install chemical fire extinguishers in halls. Place good substantial railing on balcony in front of building, second story. Provide sheets and towels in all rooms to comply with Section 3 of Act 188. Public Acts 1913. Put all sleeping rooms in a good sanitary condition.

September 21, 1917.

NORTHWESTERN HOTEL.—Within thirty days erect fire escape on building to comply with State specifications. Post notices in halls and bed rooms directing way to same. Provide chemical fire extinguishers in halls, also sheets 90 inches in length, and individual textile towels in all sleeping rooms, all in compliance with Section 2, 3 and 6 of Act 188 of the Public Acts of 1913.

September 22, 1917.

HOTEL SALO.—Within thirty days erect fire escape on building to conform to state specifications. Post notices in halls and rooms directing way to said fire escape. Provide chemical fire extinguishers in all halls. Equip all beds with 90 inch sheets.

*Hartford.*

October 24, 1917.

THE HARTFORD HOUSE.—At once equip boiler with low water alarm.

*Hawks.*

October 30, 1917.

PUTZ, HERMAN HOTEL.—At once place ropes in sleeping rooms and post notices directing use of same. Place chemical fire extinguishers in hall.

*Hillsdale.*

January 5, 1918.

THE KEEFER HOUSE.—At once discontinue employing children under the age of fifteen years in compliance with Section 10, Act 285, Public Acts of 1909.

*Houghton.*

September 8, 1917.

BELFRY, MRS. ALEC, BOARDING HOUSE.—Within ten days install regulation safety ropes in all sleeping rooms on second floor; also provide chemical fire extinguisher in public hallway outside of sleeping rooms and keep same in condition for use as per Section 3, Act 188. Provide individual textile towels in sleeping and bath rooms.

September 7, 1917.

JEWELL HOTEL.—Within ten days install safety ropes in all sleeping rooms above first floor; provide chemical fire extinguisher in hall on second floor. Remove

all obstructions from back stairway leading down to first floor and keep same clear at all times. Provide individual textile towels in sleeping and bath rooms.

*Hubbardston.*

August 21, 1917.

HOTEL GRAND.—At once place notices in rooms calling attention to fire escape at end of hall, also to ropes in bedrooms.

*Iron River.*

December 31, 1917.

LUDINGTON HOTEL.—At once regulate hours of female employes to conform with the fifty-four hour law.

January 2, 1918.

PIPER HOUSE.—At once repair or re-shingle the roof of hotel; calcimine all walls and ceilings throughout hotel and put same in a good sanitary condition; also paint all woodwork. Arrange hours of female employes to conform with the 54-hour labor law. Provide sheets at least ninety inches long.

*Ironwood.*

December 3, 1917.

THE CURRY HOTEL.—Put cement floor in entire basement of hotel and keep the same in a clean and sanitary condition at all times.

*Ishpeming.*

June 15, 1917.

ANDERSON HOTEL.—At once provide one more toilet at Anderson Hotel.

June 14, 1917.

GARFIELD HOTEL.—At once provide chemical fire extinguishers in halls, post notices in all sleeping rooms in said hotel.

*Lake Linden.*

November 12, 1917.

LABOSE HOTEL.—At once equip hotel with a fire escape built according to state specifications. Post notices in halls directing way to same. Provide chemical fire extinguishers in halls as per Section 3 of Act 188 and keep same in good working order at all times. Equip all beds with sheets at least 90 inches long.

November 12, 1917.

MAIN, MRS. ALICE.—Within twenty days equip all sleeping rooms with regulation ropes as per Section 188, of the law governing hotels. Equip all beds with sheets at least 90 inches long. Provide chemical fire extinguishers in all halls and keep same in good condition.

November 9, 1917.

LAKE LINDEN HOTEL.—At once equip all beds with regulation sheets. Arrange hours of labor of females to comply with the fifty-four hour law.

*L'Anse.*

August 28, 1917.

L'ANSE HOUSE.—At once provide 90 inch sheets on all beds, also blankets and quilts. Provide individual textile towels in bath and sleeping rooms.

August 28, 1917.

BERLIN HOTEL.—At once place safety rope in Room 11 on second floor. Discontinue the use of toilet on first floor and replace with new one. Repair floor on front veranda leading into main entrance, and place same in safe condition. Repair hole in floor in main sitting room.

August 28, 1917.

VOETSCH, MARTIN, OWNER OF L'ANSE HOUSE.—At once have rooms 4-5-6-7-8 and 9 on second floor of hotel calcimined and put in sanitary condition. Put safety ropes in each room. Install toilet on second floor for the use of females.

*Lansing.*

August 11, 1917.

PLAZA HOTEL.—At once clean kitchen and keep same in sanitary condition. Place toilets in sanitary condition.

October 13, 1917.

HOTEL REO GRAND.—At once furnish beds with sheets 90 inches in length.

October 13, 1917.

HOTEL REO GRAND.—Within thirty days build fire escape on west end of hotel, same to be built with balcony at south window of west end of said hotel, balcony to be thirty inches wide and stairs from balcony to ground.

*Laurium.*

October 25, 1917.

CLAGNE, M. HOTEL.—At once regulate hours of female employes to conform with the fifty-four hour law. Equip beds with sheets 90 inches long. Provide safety ropes in sleeping rooms and halls with fire extinguishers.

October 25, 1917.

RICHARDS, WILLIAM H., PROPRIETOR OF CENTRAL HOUSE.—At once provide safety ropes in all sleeping rooms above first floor. Provide sheets 90 inches in length on all beds.

*Lawrence.*

November 29, 1917.

HOTEL BASSETT.—At once place ropes in bed rooms on second floor and put fire extinguishers in hall on second floor.

*Lowell.*

September 7, 1917.

GEM RESTAURANT.—At once post printed notices in hall and bedrooms calling attention to fire escape and giving direction for use of same.

*Ludington.*

May 8, 1917.

LUDINGTON HOTEL.—At once arrange to have walls and woodwork painted in rooms and halls on second floor, also dining room, kitchen and bedroom on first floor.

*Mancelona.*

April 24, 1917.

BROWN HOTEL.—At once put ropes in sleeping rooms for use in case of fire. Provide individual textile towels. Provide sheets at least 90 inches long.

*Mantsee.*

February 20, 1918.

NORTHERN HOTEL.—At once put new seat in men's toilet down stairs.

*Mt. Clemens.*

September 26, 1917.

CASS HOTEL.—At once provide chemical fire extinguishers in hall on second floor, also third floor.

September 25, 1917.

REH HOTEL.—Within ten days post printed notices in hallways directing way to fire escapes. Provide individual textile towels in wash rooms; also provide sheets 90 inches in length.

*Munising.*

May 9, 1917.

HOTEL BEACH INN, C. V. R. TOWNSEND, AGENT.—At once change all doors at fire escape and lobby so as to open outward.

*Muskegon.*

September 5, 1917.

AMERICAN LODGING HOUSE.—At once provide ropes for rooms to use in case of fire. Provide chemical fire extinguishers in halls.

*Newberry.*

January 31, 1918.

THE NEWBERRY HOTEL.—At once provide sheets at least ninety inches in length for all beds.

*Ontonagon.*

November 19, 1917.

HAWLEY HOUSE.—Install a toilet on third floor of Hawley House for use of guests.

*Pontiac.*

October 19, 1917.

COLONIAL HOTEL.—At once disinfect toilet and put same in sanitary condition. Scrub and clean your hotel throughout. Provide two fire extinguishers in second floor hall, and one on first floor. Place individual textile towels in each bed room. Put sheets and blankets on all beds at least 90 inches in length. Provide  $\frac{3}{8}$  inch Manila rope securely fastened and long enough to reach to the ground with knots every eighteen inches in each bed room for use in case of fire, and post printed notices giving directions for use of same.

October 11, 1917.

STAGG HOTEL.—At once post notices in each bed room and hall as to location of fire escape. Provide chemical fire extinguishers in all halls.

*Port Huron.*

August 24, 1917.

ATLANTIC HOTEL.—At once comply with Section 3-4 and 6 of Act 188 of the Public Acts of 1913.

August 25, 1917.

GRATION INN.—Within thirty days comply with Section 4 of Act 188 of the Public Acts of 1913.

August 24, 1917.

MESSENGER HOTEL, E. J. PUTMAN & SON.—At once provide individual textile towels in wash rooms.

*Portland.*

August 25, 1917.

HOTEL DIVINE.—At once post notices in halls and rooms calling attention to and directing way to fire escape.

*Remus.*

April 10, 1917.

REMUS HOUSE.—At once provide fire escape on building known as the Remus House, same to be built according to state specifications with balconies connecting with each floor above first, balconies to be not less than six feet in length and not less than three feet in width, with railing not less than 36 inches in height and built according to specifications.

*Saginaw.*

February 9, 1918.

HELLAR, MRS. PETER APARTMENT HOUSE.—At once install fire escape on Genesee Street side of building with balcony at windows at end of hall, second and third floors. Remove all swinging gas brackets. Place protection under all stoves used in building, also place handrails on stairway leading from first to second floor.

October 23, 1917.

LESHER HOTEL.—At once post printed notices leading to fire escape and remove all obstructions from halls leading to fire escape and put all rooms in sanitary condition.

October 2, 1917.

ROMA HOTEL.—At once provide ropes in sleeping rooms on second floor and post printed notices calling attention to same. Place chemical fire extinguishers in hall on first and second floors.

February 11, 1918.

STAR HOTEL.—At once install fire escape with balcony to connect room 21, third floor, rear, with stairs leading to roof below; provide stairs from roof to ground. Mark room 21, third floor and room 9, second floor, as fire escapes.

October 3, 1917.

TUSCOLA HOUSE.—At once provide ropes in sleeping rooms on second floor and post printed notices calling attention to same. Place chemical fire extinguishers in halls on first and second floors. Place toilet in sanitary condition.

February 9, 1918.

SALINE HOTEL.—Within ten days provide fire escape on south side of building and place all heating appliances and wiring in good condition, or discontinue use of same for lodging on second and third floors.

*Sault Ste. Marie.*

January 24, 1918.

AMERICAN HOUSE.—At once provide sheets 90 inches in length for all beds.

January 22, 1918.

CHIPPEWA HOUSE.—Post two notices in hall for the purpose of showing location of fire escape. Provide fire extinguishers in halls, also provide sheets 90 inches long for all beds.

January 23, 1918.

DETROIT HOTEL.—At once provide ropes in all bedrooms. Provide fire extinguishers in hall. Post notices in hall and bed rooms showing location of fire escape.

January 24, 1918.

MONTREAL HOUSE.—At once place ropes in sleeping rooms, and post notices directing use of same. Provide chemical fire extinguishers in halls. Provide sheets 90 inches long on all beds.

January 21, 1918.

NORTHWEST HOTEL.—At once provide sheets 90 inches in length for all beds.

January 21, 1918.

SHERMAN HOUSE.—At once provide sheets 90 inches in length for all beds.

January 24, 1918.

TREMONT HOUSE.—At once place ropes in sleeping rooms and post notices directing use of same. Provide chemical fire extinguishers in halls. Provide sheets at least 90 inches in length on all beds.

January 23, 1918.

WAYNE HOTEL.—At once have ropes placed in bed rooms for use in case of fire. Provide sheets at least 90 inches in length for all beds.

*Swartz Creek.*

December 22, 1917.

SWARTZ CREEK HOTEL.—At once put  $\frac{5}{8}$ -inch Manilla rope with knots every 18 inches apart, and long enough to reach to the ground from second story windows, and securely fastened at baseboard under each window. Post printed notices in rooms directing use of said ropes in case of fire.

*Traverse City.*

May 14, 1917.

HOTEL SHILSON.—At once place ropes in sleeping rooms for use as fire escapes. Post printed notices in rooms directing use of said ropes. Provide chemical fire extinguishers in hall on second floor.

*Wakefield.*

December 19, 1917.

WAKEFIELD HOTEL.—At once repair and calcimine or paint all bed rooms and hallways in hotel, all toilets, and put same in sanitary condition. Clean basement and put in cement floor. Repair sink in kitchen, and connect all waste pipes with sewer, and see that same are cleaned so as to carry away all waste water. Repair steps in rear of building leading from kitchen, and place them in safe condition. Post notices in all halls and bed rooms calling attention to fire escapes and use of same.

*Ypsilanti.*

July 17, 1917.

HAWKINS HOTEL.—At once place fire escape on building known as Hawking Hotel. Post notices in each bed room directing location and use of said fire escape.

## SUMMARY OF

Number of inspection.	Name of county.	Number men managers.		Number who receive wages.		Average daily wages.		Number women managers.		Number who receive wages.		Average daily wages.		Number men clerks.		Number who receive wages.		Average daily wages.		Number women cashiers.		Number who receive wages.		Average daily wages.	
		Number	Wages	Number	Wages	Number	Wages	Number	Wages	Number	Wages	Number	Wages	Number	Wages	Number	Wages	Number	Wages	Number	Wages	Number	Wages	Number	Wages
3	Alcona	2				1				1				1											
4	Alger	4				3				2				1											
10	Allegan	9				6				1				1											
9	Alpena	8				1								4											
10	Antrim	8				7																			
1	Baraga	1				1																			
3	Barry	3				1								2											
2	Bay	3												2											
6	Benzie	5				2								4											
10	Berrien	9	2	\$5 40		3	1	\$1 33		13	12	1 96		2	2	1 57									
2	Branch	2								3	3	1 23													
7	Calhoun	7	2	5 41		4	1	2 50		8	8	2 18	2	2	2 42	3	3	\$3 00							
4	Cass	4				2				3	3	1 00													
11	Charlevoix	9	1	4 16		5				5	4	2 58	4	4	1 67										
13	Cheboygan	10				3	1	2 00		5	5	2 60	1	1	0 67										
21	Chippewa	20				1				16	16	2 93	2	2	1 67										
1	Clare	2																							
7	Clinton	7				4				3	3	1 97													
4	Crawford	2				2				2	2	1 50	2	2	0 63										
11	Delta	9	3	4 39		5	2	0 86		8	8	1 96	2	2	0 88	1	1	0 60							
3	Dickinson	4				4				3	3	1 17													
9	Eaton	9				6				3	3	0 67													
19	Emmet	20	1	1 35		14	2	1 35		21	20	1 31	4	4	1 07										
10	Genesee	10	2	3 75		2				11	11	2 08													
2	Gladwin	3																							
9	Gogebic	9				8	1	2 50		6	6	1 83													
9	Grand Traverse	7	1	4 00		4				4	4	2 23													
5	Griatiot	6				1				2	2	0 50													
1	Hillsdale	1								2	2	1 66													
17	Houghton	15				10				11	10	3 23	3	3	1 47										
21	Huron	26								19	19	2 32													
11	Ingham	10	3	3 64		3				11	11	1 99													
14	Ionia	11	1	2 63		8				3	3	2 14													
7	Iron	4				7	1	4 25		5	5	2 70													
2	Isabella	2				1				2	2	1 00													
8	Jackson	8	2	4 16		3	1	1 75		12	12	2 82	1	1	2 66										
15	Kalamazoo	11	4	4 41		2				15	15	2 11	1	1	0 86										
5	Kalkaska	5				3																			
25	Kent	26	5	5 05		8	2	2 33		32	32	2 31	4	4	1 92										
1	Keweenaw	1				1																			
4	Lake	2				4																			
6	Lapeer	6								2	2	1 42													
6	Leelanau	5				1				2	2	2 50													
7	Lenawee	7				2				6	4	2 00													
2	Livingston	1								2	2	1 66													
4	Luce	4								4	4	2 87													
10	Mackinac	8	1	8 00		5				9	9	2 80	1	1	3 00	8	8	3 00							
35	Macomb	34	9	4 41		10	1	2 00		29	29	2 25	7	7	1 43	1	1	2 50							
12	Manistee	9	2	3 33		10	1	0 85		2	2	1 75													
14	Marquette	12	1	3 33		6	1	1 33		12	12	1 08													



HOTEL INSPECTION.

Number women cashiers employed.	Number who receive wages.	Average daily wages.	Number waiters employed.	Number who receive wages.	Average daily wages.	Number waitresses employed.	Number who receive wages.	Average daily wages.	Number porters employed.	Number who receive wages.	Average daily wages.	Number scrub women employed.	Number who receive wages.	Average daily wages.	Number elevator conductors employed.	Number who receive wages.	Average daily wages.
							3	\$0 78	1	1	\$1 00						
							5	0 64	1	1	0 86	2	2	\$1 05			
							14	0 83	4	4	0 98						
							16	0 85	2	2	1 18	1	1	1 25			
			2	2	\$0 50		7	0 57	2	2	0 63						
							1	1 00									
							6	0 79	2	2	0 67						
							4	1 91	1	1	1 50						
			1	1	0 80		15	1 07	2	2	1 50						
2	2	\$1 25					24	0 77	9	9	1 02	1	1	0 67			
							6	0 95	3	3	0 85						
			26	26	0 98		4	1 00	9	9	1 48	4	4	2 00	4	4	\$1 37
							6	0 75	1	1	0 80						
			6	6	0 72		115	0 65	5	4	0 77	13	13	1 07	2	2	1 00
							16	0 91	5	5	1 54						
							22	1 38	15	15	1 72	2	2	1 50	3	3	1 33
							2	1 25	1	1	2 75						
							5	1 20									
							8	1 07	3	3	0 83						
1	1	0 80					22	0 73	2	2	0 84	2	2	0 74			
							10	0 83	2	2	1 00	2	2	0 95			
			3	3	0 60		5	0 79									
2	2	2 25	4	4	0 87		204	1 23	12	12	1 05	13	13	1 08	1	1	0 50
2	2	0 98	2	2	1 15		27	0 78	7	7	1 50	4	4	0 96	2	2	1 50
							3	0 60									
							16	0 93	2	2	1 50	3	3	0 89			
							18	0 64	2	2	0 83	3	3	0 90			
							13	0 70	2	2	1 00						
			6	1	0 65		5	0 91	2	2	0 91						
1	1	2 00	2	2	2 38		37	0 94	7	7	1 09	2	2	1 20			
							26	0 78	11	11	1 11	5	5	1 09			
			4	4	1 96		33	0 98	6	6	1 72	4	4	0 83	3	3	1 19
							21	1 19	5	5	1 24						
			1	1	0 60		9	1 07	3	3	0 83	1	1	0 60			
							3	0 72	1	1	1 00						
2	2	1 33	8	8	2 20		10	0 99	12	12	1 89	4	4	1 34	8	8	1 25
1	1	1 50	12	12	1 11		16	0 79	12	12	1 02	3	3	0 96	7	7	1 13
							1	0 50	1	1	0 25						
14	14	1 44	50	50	1 13		39	1 22	18	18	1 46	24	24	0 91	19	19	1 24
							1	0 70									
							3	0 80	2	2	0 63						
							10	0 79	3	3	1 25	2	2	1 50			
							7	1 07	1	1	1 25						
			1	1	0 72		12	0 86	5	5	0 87						
							5	0 74				1	1	0 85			
			1	1	2 50		4	0 89	3	3	1 61				1	1	2 00
			62	62	1 00		14	0 82	5	5	1 00	12	12	1 00	3	3	1 00
3	3	1 57	15	15	1 34		88	0 80	24	24	1 31	10	10	1 05	10	10	0 86
							12	0 79	2	2	0 92	7	7	1 01			
			2	1	1 50		41	0 61	6	6	0 74	6	6	0 89			

## Summary of hotel

Number of inspection.	Name of county.	Men			Women			Clerks			Cashiers		
		Number men managers.	Number who receive wages.	Average daily wages.	Number women managers.	Number who receive wages.	Average daily wages.	Number men clerks.	Number who receive wages.	Average daily wages.	Number women clerks.	Number who receive wages.	Average daily wages.
10	Mason	7	1	\$2 50	12			2	2	\$1 17	1	1	\$0 83
4	Mecosta	3	1	3 33	1			3	3	1 50			
7	Menominee	9	1	2 50	1			2	2	1 00			
3	Missaukee	3			1			2	1	2 00			
2	Monroe	2	1	2 50	1			2	2	2 35			
4	Montcalm	4			2	1	\$1 75	3	3	1 84			
3	Montmorency	2			1			2	2	2 00			
25	Muskegon	17	3	3 33	15			7	7	2 01	2	1	1 10
6	Newaygo	6			6			1	1	1 75			
15	Oakland	12	1	2 50	3			2	2	2 08	2	1	1 65
7	Oceana	5			8			2	1	1 00			
3	Ontonagon	3			3			1	1	1 00			
1	Oscoda	1											
5	Otsego	4			2			2	2	1 50			
4	Ottawa	4			1			5	5	2 18			
12	Presque Isle	8			4			1	1	2 50			
44	Saginaw	47	11	3 70	22	3	1 56	39	39	2 33	5	5	1 57
30	St. Clair	32	6	4 67	6	3	2 70	43	43	2 56	4	3	1 11
9	St. Joseph	4	2	3 50				8	8	1 78			
14	Sanilac	15			4			6	6	1 40			
7	Schoolcraft	8						5	5	2 50			
4	Shiawassee	4	1	2 00	1	1	2 00	4	4	2 02	1	1	1 00
12	Tuscola	9			9	1	1 00	5	5	2 00	1	1	1 00
11	Van Buren	10	1	2 00	5			2	2	0 68			
12	Washtenaw	9	3	2 11	3	1	3 00	11	9	1 93			
74	Wayne	87	43	5 68	18	12	2 71	147	146	3 18	47	47	2 00
8	Wexford	6	1	3 50	3			4	4	1 46			
768	Totals	721	116	\$4 58	306	37	\$2 18	623	611	\$2 37	100	97	\$1 71
													29
													29
													\$2 69

inspection.—Continued.

Number women cashiers employed.	Number who receive wages.	Average daily wages.	Number waiters employed.	Number who receive wages.	Average daily wages.	Number waitresses employed.	Number who receive wages.	Average daily wages.	Number porters employed.	Number who receive wages.	Average daily wages.	Number scrub women employed.	Number who receive wages.	Average daily wages.	Number elevator conductors employed.	Number who receive wages.	Average daily wages.
						10	9	\$0 61	2	1	\$0 83						
						7	7	2 25	1	1	0 70						
						10	10	0 79	2	2	1 08	2	2	\$1 00			
						4	4	0 64									
						4	4	1 00									
			1	1	\$0 80	8	8	0 85	3	3	0 99						
						32	22	1 00									
						7	6	0 59	10	9	1 30	3	3	1 00			
			2	1	1 00	9	7	0 90	1	1	1 00	1	1	2 25			
1	1	\$1 00				5	4	0 64	2	2	0 87						
						3	3	1 08									
						1	1	0 75									
			3	3	1 50	5	5	1 10									
						4	4	1 38	3	3	1 83	1	1	1 50			
			3	3	1 50	9	9	0 97	2	2	1 88	2	2	1 25			
6	6	1 29	33	33	1 21	44	43	1 05	28	28	1 51	14	14	1 10			
2	2	1 82	8	8	1 24	64	63	1 00	27	27	1 25	10	10	1 27	9	9	\$1 18
						15	15	0 85	4	4	0 94	1	1	1 00	2	2	0 63
						11	11	0 71	3	3	1 05						
						15	15	0 93	3	3	1 42	2	2	1 25			
						5	5	1 00	1	1	1 35						
			4	4	1 00	10	9	0 95	1	1	1 00	2	2	1 25			
						10	9	0 78	3	3	0 73						
			8	6	1 04	23	23	0 94	7	7	1 18	3	3	0 97			
62	62	1 97	343	343	1 39	78	78	0 94	87	87	1 82	78	78	0 97	100	100	1 54
						19	19	0 94	3	3	1 50						
105	105	\$1 76	613	604	\$1 28	1,408	1,381	\$0 93	423	420	\$1 37	250	250	\$1 04	174	174	\$1 38

## Summary of hotel

Number of inspection.	Name of county.	Number bell boys employed.			Number chamber maids employed.			Number men dishwashers employed.			Number women dishwashers employed.		
		Number who receive wages.	Average daily wages.	Number who receive wages.	Average daily wages.	Number who receive wages.	Average daily wages.	Number who receive wages.	Average daily wages.	Number who receive wages.	Average daily wages.	Number who receive wages.	Average daily wages.
3	Alcona			1	\$0 57					1	\$0 57		1
4	Alger			5	0 53					1	0 66		6
10	Allegan			3	0 93					6	0 77		8
9	Alpena	1	\$1 00	7	0 71					7	0 61	2	1 80
10	Antrim			6	0 60								2
1	Baraga			1	1 00	1	\$0 75						
3	Barry			2	0 88					2	0 70		3
2	Bay	1	1 00	2	1 00					2	2 00	1	4 50
6	Benzie			3	1 15					3	0 79	1	3 3
10	Berrien	9	0 66	18	0 88	4	0 79			8	0 77	7	2 94
2	Branch			3	0 83					2	0 63	1	3 00
7	Calhoun	10	0 83	35	0 97	1	1 66			3	1 00	11	2 90
4	Cass			2	0 67					3	0 73	1	1 00
11	Charlevoix	10	0 51	33	0 64	6	0 96			8	0 80	13	2 27
13	Cheboygan	3	0 72	9	0 96					5	0 72	3	2 00
21	Chippewa	4	1 19	22	0 91	1	1 80			6	2 50	9	2 82
1	Clare			2	0 75					1	1 50		
7	Clinton			1	0 66					3	0 49		4
4	Crawford			5	0 65					1	0 80		5
11	Delta	6	1 10	13	0 54					9	0 53	4	2 50
3	Dickinson	2	0 55	3	0 53	1	0 60			4	0 78		4
9	Eaton			3	0 68					3	0 67	1	2 00
19	Emmet	24	0 40	41	0 63	6	0 88			33	0 66	23	2 76
10	Genesee	4	0 65	22	0 97					10	0 93	7	2 23
2	Gladwin			2	0 58					1	0 60		3
9	Gogebic	6	0 73	13	0 84					7	0 92	1	3 00
9	Grand Traverse	5	0 44	9	0 65	1	0 60			6	0 61	3	2 33
5	Gratiot	1	0 65	8	0 76					5	0 73	1	1 50
1	Hillsdale			2	0 91					1	1 00		1
17	Houghton	5	0 45	26	1 22	1	1 50			15	1 02	8	2 23
21	Huron	1	0 50	9	0 69					8	0 64		15
11	Ingham	10	0 75	36	1 06	3	1 29			8	1 10	7	3 04
14	Ionia			6	0 65					7	0 71	2	2 13
7	Iron			7	0 62	1	0 50			4	0 60	1	1 50
2	Isabella	1	1 00	3	0 68					2	0 63		2
8	Jackson	6	0 70	19	1 10	3	1 85			5	0 78	12	2 69
15	Kalamazoo	13	0 61	34	0 88	6	0 96			12	0 85	8	2 90
5	Kalkaska			1	0 50					2	0 54		2
25	Kent	39	0 72	96	0 89	5	1 50			31	1 00	27	2 51
1	Keweenaw			1	0 70								1
4	Lake			2	0 45					3	0 54		2
6	Lapeer	1	0 50	1	1 15					3	0 90	1	2 50
6	Leelanau			4	0 86								6
7	Lenauee			7	1 42					5	0 96	1	2 80
2	Livingston			1	0 85					1	0 60	1	1 60
4	Luce			4	0 86					1	0 67		4
10	Mackinac	28	0 90	32	0 87	1	1 50			9	0 89	21	2 98
35	Macomb	18	0 50	51	0 88	6	1 28			20	0 91	17	2 95
12	Manistee	2	1 00	7	0 66					4	0 62	1	3 00
14	Marquette	3	0 39	13	0 77					12	0 57	3	2 66
10	Mason	2	0 33	2	0 53					5	0 61	1	2 50
4	Mecosta			2	0 55					2	0 68	1	1 25
7	Menominee	2	1 00	6	0 71					2	0 66	2	1 87
3	Missaukee			2	0 53					1	1 00		1
2	Monroe			4	1 00	1	0 75			2	1 30		3

inspection.—Continued.

	Number who receive wages.	Average daily wages.	Number men kitchen assistants employed.	Number who receive wages.	Average daily wages.	Number women kitchen assistants employed.	Number who receive wages.	Average daily wages.	Number other men employed.	Number who receive wages.	Average daily wages.	Number other women employed.	Number who receive wages.	Average daily wages.	Whole number employed.	Number who receive wages.	Aggregate daily wages.	Average daily wages.
5	1	\$1 59	1	1	\$1 16	1	1	\$1 25							12	8	\$7 74	\$0 54
7	1	1 58				1	1	0 40							25	15	12 69	0 85
2	1	1 00				3	3	0 56	5	5	\$1 42	1	1	\$1 00	60	33	32 56	0 99
3	1	1 27										2	2	0 65	50	52	55 26	1 06
4	1	1 78	1	1	1 60	2	1	1 25	2	2	1 00				39	24	16 05	0 67
6	1	1 39	2	2	0 71	3	3	0 73	4	4	1 71	3	3	1 33	5	3	2 75	0 92
2	1	1 50				1	1	0 50	1	1	0 50				23	19	17 57	0 92
1	1	1 93	11	11	1 27	10	10	1 02	7	7	3 02	14	14	1 37	21	18	34 90	1 94
4	1	1 18				1	1	1 19				1	1	0 86	51	41	52 23	1 27
7	1	1 84	6	6	1 33	8	8	0 83	10	10	1 49	8	8	0 92	124	114	140 30	1 23
6	1	1 48				3	3	1 03	3	3	1 33				77	59	72 37	1 23
12	1	1 92				7	5	1 32	18	18	2 65	1	1	0 75	167	134	251 03	1 87
4	1	1 54	1	1	1 75							1	1	2 00	10	8	12 00	1 50
4	1	1 56				1	1	0 75				2	2	1 25	27	16	20 62	1 29
3	0	0 95	1	1	0 66	5	4	0 48	10	10	1 28	3	3	0 83	33	28	28 85	1 03
4	1	1 38							2	2	1 00				41	33	29 60	0 90
5	1	1 24													38	23	20 00	0 87
14	1	1 73	10	10	1 54	16	16	1 04	16	16	1 27	21	21	0 98	503	464	538 19	1 16
6	1	1 76	2	2	2 08	10	10	1 17	2	2	1 17	2	2	1 30	132	122	153 10	1 25
3	2	2 05													12	9	9 70	1 08
4	2	2 19				3	3	1 20	4	4	2 10	6	6	0 99	88	70	83 71	1 20
4	1	1 13	3	3	0 84	2	2	0 59	2	2	1 66	2	2	0 55	76	63	59 32	0 94
5	1	1 02				1	1	0 83	2	2	1 13	3	3	0 83	56	43	34 54	0 80
1	2	2 66				2	2	0 91	1	1	0 91				17	16	17 90	1 12
3	1	1 73				9	9	1 12	7	7	1 55	2	2	0 67	167	136	183 28	1 35
15	1	1 19	1	1	0 72	1	1	0 57	4	4	2 50				126	100	123 06	1 23
8	1	1 77	4	4	2 01	7	7	1 05	11	11	1 92	6	6	1 13	178	168	234 27	1 39
6	1	1 58							2	2	1 50				77	52	65 79	1 27
4	1	1 50				3	3	0 83	1	1	0 50	2	2	0 78	54	43	50 35	1 17
1	2	2 00				1	1	0 83							18	14	12 30	0 88
3	0	0 85	3	3	1 33				10	10	2 40	5	5	0 84	134	126	216 17	1 72
4	1	1 59	2	2	0 86	5	5	0 74	25	25	1 81	7	7	1 05	196	183	238 36	1 30
2	1	1 00							1	1	1 00	1	1	0 50	17	9	5 82	0 65
15	1	1 68	15	15	1 45	17	17	0 75	58	58	2 13	58	58	1 29	600	564	780 25	1 38
1	1	1 30												5	3	2 70	0 90	
2	1	1 43				1	1	0 76				1	1	0 76	20	14	10 54	0 75
4	1	1 38							1	1	2 00				37	28	31 87	1 14
2	0	0 75				2	2	1 44							28	17	20 47	1 20
4	1	1 80				1	1	1 25	3	3	2 75				55	43	57 70	1 34
												1	1	1 50	13	12	12 42	1 04
2	2	2 25	1	1	0 75	1	1	0 67	4	4	2 75				32	25	44 51	1 78
7	1	1 62	10	10	1 00	14	14	0 90	41	41	2 09	14	14	1 80	304	292	423 14	1 45
19	1	1 53	11	11	1 26	18	18	1 09	23	23	3 31	12	12	2 13	426	392	543 41	1 40
3	2	2 00	1	1	0 75	1	1	0 60	4	4	1 42	1	1	0 65	70	50	55 17	1 10
9	1	1 31	5	5	0 74	5	5	0 53	7	7	1 50	6	6	0 53	150	131	110 14	0 84
3	1	1 04	1	1	1 33				1	1	1 33	3	3	1 00	52	32	28 07	0 88
1	1	1 25				1	1	0 50	1	1	0 70	1	1	1 00	26	21	31 45	1 50
5	1	1 21				2	2	0 50	3	3	1 67	1	1	1 16	50	39	38 19	0 98
2	1	1 50				1	1	1 50							14	8	6 61	0 83
															20	17	23 45	1 38

## DEPARTMENT OF LABOR.

## Summary of hotel

Number of inspection.	Name of county.	Number bell boys employed.	Number who receive wages.	Average daily wages.	Number chamber maids employed.	Number who receive wages.	Average daily wages.	Number men dishwashers employed.	Number who receive wages.	Average daily wages.	Number women dishwashers employed.	Number who receive wages.	Average daily wages.	Number men cooks employed.	Number who receive wages.	Average daily wages.	Number women cooks employed.
4	Montcalm .....				4	4	\$0 65	1	1	\$0 72	4	4	\$0 67				5
3	Montmorency .....				3	3	0 92				2	2	0 63				3
25	Muskegon .....	7	7	\$0 68	24	24	1 00	1	1	1 00	8	8	0 88	5	4	\$2 44	11
6	Newaygo .....				3	3	0 55				1	1	0 72				2
15	Oakland .....	2	2	0 66	12	12	0 99	1			4	4	0 79	4	2	2 75	5
7	Oceana .....				2	2	0 65				2	2	0 65				3
3	Ontonagon .....				3	3	0 73				1	1	0 60	1	1	1 40	1
1	Oseoda .....																1
5	Otsego .....				2	1	1 80										5
4	Ottawa .....	3	3	0 83	6	6	1 25				3	3	1 50	1	1	1 17	2
12	Presque Isle .....				5	5	0 82				4	4	0 80	1	1	2 00	12
44	Saginaw .....	15	15	0 73	50	49	1 00	4	4	1 04	18	18	1 18	13	13	2 36	24
30	St. Clair .....	13	13	0 48	30	30	0 91	2	2	1 08	20	20	0 80	11	11	2 73	23
9	St. Joseph .....				6	6	0 90	2	2	1 25	7	7	0 86	3	3	2 00	8
14	Sanilac .....				8	8	0 70				6	6	0 60				5
7	Schoolcraft .....				6	5	1 27				5	5	0 84	1	1	2 00	4
4	Shiawassee .....	1	1	0 50	6	6	1 06				1	1	0 65				3
12	Tuscola .....				3	3	0 92				3	3	0 87				8
11	Van Buren .....				5	5	0 76				5	5	0 70				7
12	Washtenaw .....	5	5	0 57	11	11	0 97	1	1	1 00	7	6	0 89	6	6	1 96	5
74	Wayne .....	129	129	0 73	398	398	1 59	92	92	1 25	63	63	0 94	153	153	3 12	34
8	Wexford .....	4	4	0 25	6	6	1 00				7	7	0 82	1	1	3 00	8
768	Totals .....	396	396	\$0 67	1,245	1,229	\$0 95	152	151	\$1 19	476	474	\$0 86	404	395	\$2 81	497

inspection.—Concluded.

	Number who receive wages.	Average daily wages.	Number men kitchen assistants employed.	Number who receive wages.	Average daily wages.	Number women kitchen assistants employed.	Number who receive wages.	Average daily wages.	Number other men employed.	Number who receive wages.	Average daily wages.	Number other women employed.	Number who receive wages.	Average daily wages.	Whole number employed.	Number who receive wages.	Aggregate daily wages.	Average daily wages.
5	\$2 01					1	1	\$0 67				1	1	\$0 66	36	31	\$34 43	\$1 11
2	2 00														16	12	14 80	1 23
9	1 63	6	4	\$0 88		5	5	1 05	8	8	\$2 00	3	3	2 00	165	126	160 04	1 27
2	1 33					2	2	0 58	2	2	0 63				31	18	13 73	0 76
5	1 20					2	1	0 85	1	1	1 50	1	1	2 00	69	47	56 33	1 13
2	1 22					3	3	0 62	1	1	1 00				34	18	14 16	0 79
1	1 80	1	1	1 50								2	2	0 77	19	13	13 30	1 02
3	1 33														3	1	0 75	0 75
2	1 50														20	11	14 30	1 30
															36	31	48 92	1 58
8	1 63	1	1	1 50					7	6	1 63				59	42	55 50	1 30
22	1 44	16	16	1 55		13	12	0 64	32	32	2 00	8	8	1 09	441	381	560 08	1 47
21	1 64	1	1	1 00		11	11	1 10	10	10	1 97	1	1	1 67	321	288	426 08	1 48
8	1 43					1	1	1 95				4	4	0 95	63	61	75 82	1 24
5	1 52					1	1	0 60				1	1	0 66	60	41	37 42	0 91
2	1 75					3	3	0 89	3	3	2 22				55	44	58 53	1 33
3	1 23					1	1	0 90	1	1	1 75				29	26	33 29	1 28
7	1 21					2	2	1 00	2	2	1 00				59	40	45 90	1 15
6	1 52					2	2	1 66	1	1	0 50	1	1	1 25	51	35	34 06	0 97
5	1 43	1	1	1 00		2	2	0 88	7	7	2 45	2	2	1 00	111	98	126 55	1 29
34	1 45	74	74	1 87		55	55	1 17	547	547	2 11	431	431	1 17	3,035	2,984	5,017 02	1 68
6	1 26	2	2	1 00		2	2	0 75	2	2	1 50	3	3	1 67	70	60	66 58	1 11
410	\$1 52	194	192	\$1 52		277	271	\$0 98	921	920	\$2 05	649	649	\$1 18	9,963	8,911	\$12,592 36	\$1 41

## SUMMARY OF HOTEL INSPECTION.

Number hotels inspected .....	768
Number men employed as managers .....	721
Number who receive wages .....	116
Average daily wages .....	\$4.58
Number women employed as managers .....	306
Number who receive wages .....	37
Average daily wages .....	\$2.18
Number men employed as clerks .....	623
Number who receive wages .....	611
Average daily wages .....	\$2.37
Number women employed as clerks .....	100
Number who receive wages .....	97
Average daily wages .....	\$1.71
Number men employed as cashiers .....	29
Number who receive wages .....	29
Average daily wages .....	\$2.69
Number women employed as cashiers .....	105
Number who receive wages .....	105
Average daily wages .....	\$1.76
Number waiters employed .....	613
Number who receive wages .....	604
Average daily wages .....	\$1.28
Number waitresses employed .....	1,408
Number who receive wages .....	1,381
Average daily wages .....	\$0.93
Number porters employed .....	423
Number who receive wages .....	420
Average daily wages .....	\$1.37
Number scrub women employed .....	250
Number who receive wages .....	250
Average daily wages .....	\$1.04
Number elevator conductors employed .....	174
Number who receive wages .....	174
Average daily wages .....	\$1.38
Number bell boys employed .....	396
Number who receive wages .....	396
Average daily wages .....	\$0.67
Number chambermaids employed .....	1,245
Number who receive wages .....	1,229
Average daily wages .....	\$0.95
Number men dishwashers employed .....	152
Number who receive wages .....	151
Average daily wages .....	\$1.19



Number women dishwashers employed .....	476
Number who receive wages .....	474
Average daily wages .....	\$0.86
Number men cooks employed .....	404
Number who receive wages .....	395
Average daily wages .....	\$2.81
Number women cooks employed .....	497
Number who receive wages .....	410
Average daily wages .....	\$1.52
Number men kitchen assistants employed .....	194
Number who receive wages .....	192
Average daily wages .....	\$1.52
Number women kitchen assistants employed .....	277
Number who receive wages .....	271
Average daily wages .....	\$0.98
Number other men employed .....	921
Number who receive wages .....	920
Average daily wages .....	\$2.05
Number other women employed .....	649
Number who receive wages .....	649
Average daily wages .....	\$1.18
Whole number employed .....	9,963
Number who receive wages .....	8,911
Aggregate daily wages .....	\$12,592.36
Average daily wages .....	\$1.41

## RESTAURANT INSPECTION.

*Name of restaurant, town where located, number persons employed.*

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
ALGER COUNTY.					
May 11	Clover Leaf Cafe .....	Munising .....	1	4	5
May 8	Manufactors Boarding House .....	Munising .....	2	5	7
ALLEGAN COUNTY.					
Oct. 3	Boston Cafe .....	Allegan .....	5	1	6
Oct. 3	Palace Cafe .....	Allegan .....		4	4
ALPENA COUNTY.					
July 21	Owl Cafe, The .....	Alpena .....	5		5
July 28	Strand's Cafe .....	Alpena .....	1	2	3
ANTRIM COUNTY.					
April 12	City Restaurant .....	Bellaire .....	1	1	2
BARAGA COUNTY.					
Aug. 27	Berlin Boarding House .....	L'Anse .....	1	4	5
Aug. 28	Exchange Hotel, (boarding house) .....	L'Anse .....	1	5	6
BAY COUNTY.					
Sept. 25	Fuller's Restaurant .....	Bay City .....	2	17	19
Oct. 2	Harmony Cafeteria .....	Bay City .....	4	13	17
Sept. 20	Manassa's Restaurant .....	Bay City .....	1	6	7
Sept. 20	Schrader's Restaurant .....	Bay City .....		7	7
Sept. 14	Woman's Exchange Restaurant .....	Bay City .....		8	8
Sept. 12	Clauss, William Restaurant .....	Linwood .....	1		1
BERRIEN COUNTY.					
Nov. 21	Buchanan Inn .....	Buchanan .....	2	4	6
Nov. 19	Hilderbrand Restaurant .....	Niles .....	1	3	4
Nov. 19	Interurban Cafe .....	Niles .....	4	3	7
CALHOUN COUNTY.					
Nov. 14	Albion Home Restaurant .....	Albion .....	3	1	4
Nov. 16	Hoaglin & Ganka .....	Albion .....	5		5
Nov. 16	Hub Restaurant .....	Albion .....	2		2
Oct. 8	Adam's Cafe .....	Battle Creek .....	2	1	3
Sept. 24	Areadia Restaurant .....	Battle Creek .....	7	11	18
		Battle Creek .....	3	11	14
Oct. 8	Baltimore Restaurant .....	Battle Creek .....	3	5	8
Oct. 25	Big Ben Restaurant .....	Battle Creek .....	3	5	8
Oct. 11	Bright Spot Cafe .....	Battle Creek .....	1	4	5
Oct. 9	Busy Bee Restaurant .....	Battle Creek .....	14	4	18
Oct. 12	Dad's Cafe .....	Battle Creek .....	3	7	10

Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>CALHOUN Co.—Con.</b>					
Sept. 18	Merchant's Restaurant.	Battle Creek	3	9	12
Oct. 23	O. K. Cafe.	Battle Creek	4	5	9
Oct. 9	Olympic Lunch.	Battle Creek	16		16
Oct. 9	Palace Cafe, The.	Battle Creek	9	1	10
Oct. 9	Queen City Cafe.	Battle Creek	13		13
Nov. 2	Sack's Quick Lunch.	Battle Creek	4	9	13
Oct. 12	Sheas, Miss Dining Parlors.	Battle Creek	4	5	9
Oct. 25	Snug Restaurant.	Battle Creek	9	1	10
Oct. 12	South Side Cafe.	Battle Creek	3	1	4
Oct. 11	Square Deal Cafe.	Battle Creek	2	1	3
Oct. 8	Square Deal Cafe.	Battle Creek	3	3	6
Oct. 25	Stroud's Restaurant.	Battle Creek	4	10	14
Oct. 9	Trio Cafe.	Battle Creek	8	3	11
Oct. 12	Wright Restaurant.	Battle Creek	2	5	7
Oct. 12	Y. W. C. A. Restaurant.	Battle Creek		19	19
Nov. 19	Home Restaurant.	Homer	1	1	2
Nov. 7	Gem City Cafe.	Marshall	6	9	15
Nov. 9	Sun Beam Restaurant.	Marshall	1	2	3
<b>CASS COUNTY.</b>					
Nov. 9	Interurban Cafe.	Dowagiac	1	3	4
<b>CHARLEVOIX COUNTY.</b>					
May 28	Silver Moon Cafe.	Boyne City	1	2	3
June 4	Moore's Restaurant.	Charlevoix	1	5	6
June 8	Pfister's Restaurant.	Charlevoix	1	3	4
June 12	White Star Restaurant.	East Jordan	2	4	6
<b>CHEBOYGAN COUNTY.</b>					
Aug. 29	Baddis, Frank Restaurant.	Cheboygan	1	2	3
Sept. 6	Elliott's Cafe.	Cheboygan		3	3
Sept. 5	Hub Restaurant.	Cheboygan	2	4	6
Sept. 5	Simpson's Cafe.	Cheboygan	1	5	6
Sept. 7	Michigan Central Restaurant.	Mackinaw City	3	8	11
<b>CHIPPEWA COUNTY.</b>					
Jan. 29	Gleason, John Boarding House.	Brimley	1	2	3
Jan. 24	Manhattan Restaurant.	Sault Ste. Marie	2	6	8
Jan. 25	Savoy Cafe.	Sault Ste. Marie	5	4	9
<b>CLINTON COUNTY.</b>					
Aug. 24	Silver Moon Cafe.	Ovid	1	1	2
Aug. 25	Gem Restaurant.	St. Johns	1	4	5
Aug. 25	Globe Restaurant, The.	St. Johns	4		4
<b>CRAWFORD COUNTY.</b>					
Sept. 26	Allen's Restaurant.	Grayling	3	2	5
Sept. 22	Hodge & King Restaurant.	Grayling	6	2	8
Sept. 25	Hodge & King Restaurant.	Grayling	5		5
Sept. 26	Landburg, Max Restaurant.	Grayling	4		4

## Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>DELTA COUNTY.</b>					
April 19	Elk's Cafe.....	Escanaba.....	3	6	9
April 20	Everybody's Delicatessen.....	Escanaba.....	3	6	9
April 9	Pearl Restaurant, The.....	Escanaba.....	1	2	3
April 16	Tilbert's Little Cafe.....	Escanaba.....	3	2	5
April 10	Wilson Lunch Room.....	Escanaba.....	4		4
May 3	Del Monico Cafe.....	Gladstone.....		4	4
<b>DICKINSON COUNTY.</b>					
Jan. 11	Empire Restaurant.....	Iron Mountain.....		4	4
<b>EATON COUNTY.</b>					
June 7	Crout's Cafe.....	Charlotte.....	2	4	6
June 12	Home Restaurant.....	Eaton Rapids.....	1	2	3
June 19	Le Grand Cafe.....	Grand Ledge.....	1	3	4
June 15	Ball, C. B. Restaurant.....	Olivet.....	1	1	2
<b>EMMET COUNTY.</b>					
May 17	Culp, N. W. Restaurant.....	Alanson.....	1	2	3
June 18	Bay View House Restaurant.....	Bay View.....	4	18	22
May 10	Moore's Restaurant.....	Harbor Springs.....	2	1	3
May 10	Isaac, Frank Restaurant.....	Harbor Springs.....	3	1	4
June 22	Studio Tea Room, The.....	Harbor Springs.....	1	5	6
May 3	Jesperson, Y. Restaurant.....	Petoskey.....	5		5
May 7	Candy Kitchen Restaurant.....	Petoskey.....	1	1	2
<b>GENESEE COUNTY.</b>					
Dec. 24	Colonial Restaurant, The.....	Flint.....	3	4	7
Dec. 24	Home Restaurant.....	Flint.....	5	5	10
Dec. 24	May's Restaurant.....	Flint.....	4		4
Dec. 22	Opera Cafe, The.....	Flint.....	6	3	9
Jan. 7	Quick Bee Lunch.....	Flint.....	5	12	17
Dec. 22	Sanitary Restaurant.....	Flint.....	3	6	9
Dec. 22	Smith Restaurant.....	Flint.....	1	8	9
Dec. 22	Thompson's Restaurant.....	Flint.....	13	5	18
Dec. 24	Unecda Cafe.....	Flint.....	3	6	9
<b>GOGEBIC COUNTY.</b>					
Dec. 3	Arcade Cafe.....	Ironwood.....	4	5	9
Dec. 4	Maki, Jacob Restaurant.....	Ironwood.....	1	3	4
Dec. 6	Tikkala, Matt Restaurant.....	Ironwood.....	1	13	14
<b>GRAND TRAVERSE COUNTY.</b>					
May 16	Little Tavern Restaurant.....	Traverse City.....	3	3	6
May 11	Sam's Cafe.....	Traverse City.....	5	7	12
<b>GRATIOT COUNTY.</b>					
May 10	European Cafe.....	Alma.....	4	2	6
May 15	Gray's Restaurant.....	Alma.....	3	4	7
May 15	Star Restaurant.....	Alma.....	1	5	6
May 15	Van's Restaurant.....	Alma.....	2	2	4
May 17	Stull, Bert Restaurant.....	Ithaca.....	1	3	4

Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>HOUGHTON COUNTY.</b>					
Oct. 12	Crellin's Restaurant	Calumet	1	1	2
Oct. 15	Michigan Cafe	Calumet	2	6	8
Oct. 12	St. Paul Cafe & Lunch Room	Calumet	3	2	5
Sept. 21	Central House	Hancock	1	2	3
Sept. 29	Hancock House Restaurant	Hancock	1	2	3
Sept. 29	Home Boarding House	Hancock	1	2	3
Sept. 20	Huggins, John Restaurant	Hancock	2	1	3
Sept. 21	Mendelin, Edward Restaurant	Hancock	1	3	4
Sept. 22	Republic Cafe	Hancock	1	1	2
Sept. 5	Angelo's Restaurant	Houghton	4	4	8
Sept. 8	Belfry, Alec Restaurant	Houghton	1	1	2
Sept. 12	Woodlawn Cafe	Houghton	1	3	4
Nov. 12	Calumet & Hecla Boarding House	Lake Linden		3	3
Nov. 12	Pearce Boarding House	Lake Linden		1	1
<b>INGHAM COUNTY.</b>					
Aug. 11	Boston Cafe, The	Lansing	14	1	15
Sept. 11	Busy Bee Restaurant	Lansing	4	5	9
Aug. 13	Capitol Lunch	Lansing	5	2	7
Oct. 11	Capitol City Restaurant	Lansing	2	3	5
Oct. 11	Cosy Restaurant	Lansing	3	4	7
Aug. 13	Detroit Lunch	Lansing	9	2	11
Aug. 13	Eagle Restaurant	Lansing	5	3	8
Oct. 11	Elk Restaurant, The	Lansing	7	2	9
Aug. 10	Empress Restaurant	Lansing	2	9	11
Aug. 11	Havens, G. B. Restaurant	Lansing	2	8	10
Aug. 11	Huntington's Cafeteria	Lansing		15	15
Aug. 13	Imperial Lunch	Lansing	1	4	5
Aug. 13	Lansing Cafe	Lansing	11		11
Sept. 12	Paris Cafe	Lansing	15		15
Sept. 12	Peckham's Restaurant	Lansing		10	10
Aug. 11	Stevens' Cafeteria	Lansing	1	19	20
Aug. 11	United States Lunch	Lansing	4	5	9
<b>IONIA COUNTY.</b>					
Aug. 15	City Restaurant	Belding		6	6
Aug. 1	Dehn's, John Restaurant	Belding	5		5
Aug. 13	O'Bryon's, Frank Restaurant	Belding	2	3	5
Aug. 16	Sparks & Gamber's Restaurant	Belding	1	2	3
Aug. 31	McCumsey's, W. Restaurant	Clarksville	1	2	3
Aug. 7	Baxter, A. A. Restaurant	Ionia	5		5
Aug. 7	Cobb & Bowerman's Restaurant	Ionia	3	10	13
Aug. 7	Columbia Candy Co. Restaurant	Ionia	2	3	5
Aug. 8	Gallagher's, James Restaurant	Ionia	3		3
Aug. 7	Ionia Cafe	Ionia	4	2	6
Aug. 8	Nelson's Restaurant	Ionia	2	1	3
Aug. 8	Ross & Hamlin	Ionia	3		3
Aug. 7	Sugar Bowl, The	Ionia	4	2	6
Aug. 29	Lake Odessa Book Exchange	Lake Odessa	1	2	3
Aug. 29	McCoy, C. Boarding House	Lake Odessa	1	1	2
Aug. 30	Myers, Glenn E. Restaurant	Lake Odessa	2		2
Aug. 27	Riblet, A. Restaurant	Lake Odessa	2		2
Aug. 17	Slater & Slater's Restaurant	Muir	2		2
Aug. 23	Fuller, R. D. Restaurant	Portland	1	2	3
Aug. 22	Miller, John W.	Portland	2		2
Sept. 8	Conner & Keller's Restaurant	Saranac	2		2
Sept. 18	Myers, H. C. Restaurant	Saranac	1	1	2

## DEPARTMENT OF LABOR.

*Inspection of restaurants.—Continued.*

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>IOSCO COUNTY.</b>					
Aug. 7	Schill Restaurant	East Tawas	1	1	2
Aug. 6	Farmer's Restaurant	Tawas City	1	1	2
<b>IRON COUNTY.</b>					
Jan. 5	Larson's, Oscar Restaurant	Iron River	3		3
Dec. 31	Schook, W. J. Restaurant	Iron River	3	2	5
<b>JACKSON COUNTY.</b>					
Aug. 14	American Restaurant, The	Jackson	1	3	4
Aug. 28	City Restaurant	Jackson	5	4	9
Aug. 14	Valentine & Sears Restaurant	Jackson	2	15	17
<b>KALAMAZOO COUNTY.</b>					
Dec. 19	Asia Inn	Kalamazoo	5	4	9
Nov. 10	Bon Ton Restaurant	Kalamazoo	1	4	5
Dec. 19	Blue Bird Tea Room	Kalamazoo	1	4	5
Dec. 19	Empire Restaurant	Kalamazoo	6	6	12
Nov. 24	Green Tea Pot, The	Kalamazoo	1	3	4
Nov. 10	Haymarket Restaurant	Kalamazoo	2	2	4
Nov. 10	Hub Restaurant, The	Kalamazoo	9	6	15
Nov. 10	Hudson Lunch	Kalamazoo	10	2	12
Nov. 10	New Urban Restaurant	Kalamazoo	4	4	8
Dec. 15	O'Neils Restaurant	Kalamazoo	7	5	12
Nov. 10	Paris Cafe	Kalamazoo	4	1	5
Nov. 10	Sun Restaurant & Lunch Room	Kalamazoo	3	3	6
Dec. 19	White Kitchen Restaurant	Kalamazoo	5	3	8
Dec. 19	Wilcox, A. G.	Kalamazoo	1	2	3
<b>KENT COUNTY.</b>					
Oct. 25	Caledonia Lunch Room	Caledonia	2		2
Oct. 3	Bradley, Berton Restaurant	Cedar Springs	1	2	3
Oct. 3	Moore, J. E.	Cedar Springs	1		1
Sept. 13	Alt Heidelberg Restaurant	Grand Rapids	4		4
Oct. 20	Baltimore Dairy Lunch	Grand Rapids	3	3	6
Nov. 26	Baltimore Dairy Lunch	Grand Rapids	3	4	7
Jan. 1	Beash's Restaurant	Grand Rapids	4	8	12
Nov. 26	Bonnie Collation, The	Grand Rapids	4	18	22
Jan. 14	Cody Hotel Cafeteria	Grand Rapids	4	24	28
Sept. 15	Columbia Candy Co. Restaurant	Grand Rapids	6	1	7
Oct. 19	Eldred's Dairy Lunch	Grand Rapids	3	4	7
Nov. 26	Eldred's Dairy Lunch	Grand Rapids	3	6	9
Sept. 15	Empress Dairy Lunch	Grand Rapids	3	5	8
Oct. 18	Galy Restaurant	Grand Rapids	4	3	7
Jan. 1	Hall's Restaurant	Grand Rapids	2	3	5
Jan. 1	Herkimer Cafe	Grand Rapids		5	5
Sept. 15	Hermitage Cafe	Grand Rapids	3	5	8
Nov. 9	Innovation Restaurant, The	Grand Rapids	4	14	18
Sept. 15	Lawrence's Lunch Room	Grand Rapids	10	8	18
Oct. 19	Lenox Cafe, The	Grand Rapids	1	4	5
Sept. 15	Lyon Cafe, The	Grand Rapids	2	9	11
Dec. 24	Michigan Restaurant, The	Grand Rapids	2	2	4
Oct. 18	Oak Cafe, The	Grand Rapids	2	7	9
Dec. 4	Pantlind Coffee Shop	Grand Rapids	5	13	18
Dec. 24	Paris Cafe	Grand Rapids	6	6	12

Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>KENT CO.—Con.</b>					
Oct. 20	Perry's Lunch.....	Grand Rapids.....	3	1	4
Dec. 21	Puritan Dairy Lunch, The.....	Grand Rapids.....	7	9	16
Nov. 9	Quaker Dairy Lunch.....	Grand Rapids.....	7	8	15
Nov. 26	Royal Lunch.....	Grand Rapids.....	8	12	20
Nov. 9	Thomson's Cafe.....	Grand Rapids.....	8	8	16
Nov. 8	Thomson's Bakery Restaurant.....	Grand Rapids.....	1	2	3
Oct. 20	Thompson's Restaurant.....	Grand Rapids.....	8	8	16
Oct. 18	Uwanta Lunch.....	Grand Rapids.....	4	7	11
Dec. 21	Uwanta To Eat.....	Grand Rapids.....		2	2
Sept. 13	Walbridge's Restaurant.....	Grand Rapids.....		3	3
Sept. 15	White Eagle Cafe, The.....	Grand Rapids.....	3		3
Sept. 6	Lasby & Son Restaurant.....	Lowell.....	2	2	4
Oct. 9	Rockford Restaurant, The.....	Rockford.....	2		2
Oct. 9	Ye Wayside Inn.....	Rockford.....	1	2	3
Oct. 2	Blackburn, A. J.....	Sand Lake.....	1	2	3
Oct. 23	Brown's Restaurant.....	Sparta.....	1	4	5
Oct. 24	Elkin's Restaurant.....	Sparta.....	1	2	3
<b>LAKE COUNTY.</b>					
May 18	Cain's Bakery & Restaurant.....	Luther.....	1	2	3
<b>LAPEER COUNTY.</b>					
Dec. 14	Stiles' Cafe.....	Lapeer.....	4	1	5
Dec. 8	White Front Restaurant.....	Imlay City.....	1	2	3
<b>LEELANAU COUNTY.</b>					
Oct. 4	Peppin, L. Restaurant.....	Suttons Bay.....	1	2	3
<b>LENAWEE COUNTY.</b>					
Dec. 5	Quick Service Restaurant.....	Adrian.....	5	3	8
Dec. 5	Utopia Restaurant.....	Adrian.....		5	5
Dec. 12	Hyslop Restaurant.....	Morenci.....	2	3	5
<b>MACOMB COUNTY.</b>					
Oct. 4	Earl's Help-Self Restaurant.....	Mt. Clemens.....	2	6	8
Oct. 4	Frank's Cafe.....	Mt. Clemens.....	6	1	7
Oct. 4	Hof Brau Cafe.....	Mt. Clemens.....	4	3	7
Oct. 14	Moser's Quick Lunch.....	Mt. Clemens.....	5	5	10
Oct. 4	Reep & Carney's Restaurant.....	Mt. Clemens.....	5	3	8
Oct. 4	Richelieu Cafe.....	Mt. Clemens.....	5	1	6
Oct. 4	Walnut Cafe, The.....	Mt. Clemens.....	2	6	8
Sept. 28	Wappner Restaurant, The.....	Mt. Clemens.....		5	5
Oct. 4	White Kitchen Restaurant.....	Mt. Clemens.....	10	7	17
<b>MANISTEE COUNTY.</b>					
Feb. 23	Chop Suey Restaurant.....	Manistee.....	2	1	3
Feb. 23	Square Meal Restaurant.....	Manistee.....		6	6
Feb. 23	Warnshall's Restaurant.....	Manistee.....	2	5	7

## Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>MARQUETTE COUNTY.</b>					
June 11	Ishpeming Cafe.....	Ishpeming.....		3	3
June 7	Grill Cafe & Quick Lunch, The.....	Marquette.....	4		4
May 31	Parisian Cafe.....	Marquette.....	6	2	8
<b>MASON COUNTY.</b>					
May 1	Hub Restaurant.....	Ludington.....	4	2	6
April 28	Ricklef's Restaurant.....	Ludington.....	1	2	3
April 28	Star Restaurant.....	Ludington.....		1	1
May 15	Shurm's Bakery Restaurant.....	Scottville.....	2	4	6
<b>MECOSTA COUNTY.</b>					
Mar. 27	Ideal Restaurant.....	Big Rapids.....	7	1	8
Mar. 30	Sellas Cafe.....	Big Rapids.....	6	4	10
Mar. 27	West's Cafe.....	Big Rapids.....	6	2	8
<b>MENOMINEE COUNTY.</b>					
Jan. 23	Depot Lunch Room.....	Powers.....	1	4	5
<b>MIDLAND COUNTY.</b>					
Oct. 22	Main Candy Co. Restaurant.....	Midland.....	5	5	10
Oct. 23	Tripp, C. A. Restaurant.....	Midland.....	1		1
<b>MISSAUKEE COUNTY.</b>					
Feb. 15	Schooley's Restaurant.....	Lake City.....	1	3	4
<b>MONROE COUNTY.</b>					
Feb. 5	City Restaurant.....	Monroe.....	4	2	6
Nov. 20	Olympia Restaurant.....	Monroe.....	8	1	9
<b>MONTCALM COUNTY.</b>					
June 20	Felice Brothers Cafe.....	Greenville.....	5	2	7
<b>MUSKEGON COUNTY.</b>					
Sept. 5	American Cafe.....	Muskegon.....	1	7	8
Aug. 27	Brebur's Cafe.....	Muskegon.....	2	15	17
Sept. 6	Chop Suey Restaurant.....	Muskegon.....	2		2
Sept. 5	Delmar Restaurant.....	Muskegon.....	7	6	13
Sept. 11	Demors Brothers Restaurant.....	Muskegon.....	1		1
Oct. 12	Eaton's Boarding House.....	Muskegon.....	2	12	14
Oct. 16	Gillard, Richard C. Restaurant.....	Muskegon.....	3	7	10
Sept. 6	Helm Boarding House.....	Muskegon.....	2	3	5
Sept. 6	King Sun Lo Restaurant.....	Muskegon.....	4		4
Sept. 5	Mac's Restaurant.....	Muskegon.....	3	5	8
Sept. 11	McEnter's Cafe.....	Muskegon.....	4		4
Dec. 19	McFarland Drug Co.....	Muskegon.....	4	1	5
Sept. 5	Michigan Restaurant.....	Muskegon.....	1	5	6
Sept. 6	Muskegon Cafeteria.....	Muskegon.....	1	5	6
Sept. 5	Poirier Boston Lunch.....	Muskegon.....	4	5	9



Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>MUSKEGON Co.—Con.</b>					
Oct. 2	Richards, Mrs. L. W.	Muskegon	2	1	3
Sept. 5	Silver Moon	Muskegon	1	1	2
Sept. 7	Victoria Cafe	Muskegon	3	3	6
Nov. 8	Hurry Back Restaurant	Muskegon Heights	3	2	5
Nov. 14	Gallup's Lunch Room	Muskegon Heights	2	1	3
Nov. 12	Home Bakery & Restaurant	Ravenna	2	2	4
<b>OAKLAND COUNTY.</b>					
Sept. 14	Birmingham Inn	Birmingham	3	1	4
Oct. 25	Kenwood Cafe	Pontiac	5	10	15
Oct. 19	Panos Restaurant	Pontiac	4	7	11
Oct. 17	Pontiac Restaurant	Pontiac	7	1	8
Oct. 8	Royal Restaurant	Pontiac	9		9
Oct. 9	Serve Self Restaurant	Pontiac	5	3	8
Sept. 28	South Side Restaurant	Pontiac	2	4	6
Sept. 26	Tip Top Restaurant	Pontiac	4	2	6
Oct. 25	Gibbs, O. P. Restaurant	Rochester		3	3
Sept. 18	Central Lunch	Royal Oak	3		3
<b>OCEANA COUNTY.</b>					
June 11	Sandberg's Restaurant	Hart	4	3	7
June 11	Heald, A. R. Restaurant	Shelby	2	3	5
<b>OCEMAW COUNTY.</b>					
Aug. 15	Davis, J. F. Restaurant	West Branch	1	2	3
<b>OSCEOLA COUNTY.</b>					
Nov. 8	Ideal Restaurant	Reed City	1		1
<b>OTSEGO COUNTY.</b>					
Sept. 20	Dyer, Minnie Boarding House	Gaylord		2	2
Sept. 19	Miller Restaurant	Gaylord	2	3	5
<b>OTTAWA COUNTY.</b>					
Jan. 15	Allen's Restaurant	Coopersville	2	2	4
Jan. 11	Mac's Lunch Room	Grand Haven		3	3
Jan. 11	Van Drezer's Restaurant	Grand Haven	1	4	5
Dec. 28	Boston Restaurant	Holland	4	3	7
Dec. 28	Burn's Cafe	Holland	3	4	7
Dec. 28	Hotel Cafe	Holland	2	4	6
Dec. 29	Keefer's Restaurant	Holland	2	4	6
Jan. 4	Colonial Cafe	Zeeland		4	4
<b>SAGINAW COUNTY.</b>					
Dec. 11	Hammel, William H. Restaurant	Bridgeport	1	2	3
Dec. 19	Morrow & Gotham's Restaurant	Merrill	2		2
Oct. 25	Arnold's Restaurant	Saginaw	2	3	5
Jan. 4	Bender's Restaurant	Saginaw	5	9	14
Oct. 4	Holm, C. W. Restaurant	Saginaw	3		3

## DEPARTMENT OF LABOR.

## Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>SAGINAW CO.—Con.</b>					
Nov. 21	McCray's Restaurant .....	Saginaw .....	2	2	2
Oct. 22	Nash, C. B. ....	Saginaw .....	1	3	4
Oct. 22	O'Meara's Restaurant .....	Saginaw .....	7	9	9
Nov. 21	Sanitary Self Serve Restaurant .....	Saginaw .....	5	4	9
Oct. 15	Thompson, J. R. Co. Restaurant .....	Saginaw .....	15	4	19
Oct. 18	Van Tiffin's Restaurant .....	Saginaw .....	2	5	7
Sept. 27	Wright Snow Restaurant .....	Saginaw .....	2	10	12
Oct. 23	Will's Restaurant .....	Saginaw .....	2	4	6
Sept. 19	Wright's Restaurant .....	Saginaw .....	1	4	5
Nov. 10	Wright's Restaurant .....	Saginaw .....	8	.....	8
<b>ST. CLAIR COUNTY.</b>					
Aug. 27	Busy Bee Restaurant .....	Port Huron .....	3	4	7
Aug. 27	Canada Railway News Co. ....	Port Huron .....	2	3	5
Aug. 24	Conkleman's Restaurant .....	Port Huron .....	1	12	13
Aug. 22	Serve Self Restaurant .....	Port Huron .....	5	9	14
<b>ST. JOSEPH COUNTY.</b>					
Dec. 11	Boston Coffee House, The .....	Sturgis .....	1	2	3
Dec. 11	Empire Restaurant .....	Sturgis .....	2	3	5
Dec. 11	Martin's Restaurant .....	Sturgis .....	3	2	5
<b>SCHOOLCRAFT COUNTY.</b>					
Jan. 24	Olympia Cafe, The .....	Manistique .....	2	2	4
<b>SHIAWASSEE COUNTY.</b>					
Jan. 22	Grand Trunk Dining Hall .....	Durand .....	5	8	13
<b>TUSCOLA COUNTY.</b>					
Sept. 13	Club Restaurant, The .....	Caro .....	4	.....	4
Sept. 3	Middaugh, F. H. Restaurant .....	Caro .....	2	6	8
Aug. 23	Stratton's Restaurant .....	Caro .....	4	.....	4
Aug. 22	Dorr, A. Restaurant .....	Case City .....	3	.....	3
Aug. 21	Bodimer's Restaurant .....	Vassar .....	3	2	5
<b>VAN BUREN COUNTY.</b>					
Nov. 1	Fisk, G. W. Restaurant .....	Lawton .....	1	4	5
Oct. 1	Jones, J. Restaurant .....	Lawton .....	1	4	5
Oct. 26	Progressive Hotel Co. Restaurant .....	South Haven .....	2	4	6
<b>WASHTENAW COUNTY.</b>					
Aug. 15	Ann Arbor Cafe .....	Ann Arbor .....	2	2	4
Sept. 7	Baltimore Dairy Lunch .....	Ann Arbor .....	4	.....	4
Aug. 30	Chop Suey Restaurant .....	Ann Arbor .....	1	.....	1
Aug. 14	Colonial Cafe .....	Ann Arbor .....	.....	2	2
Sept. 1	Court Cafe .....	Ann Arbor .....	5	1	6
Aug. 17	Cafe Plaza Restaurant, The .....	Ann Arbor .....	1	1	2

Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
WASHTENAW Co.—Con.					
Aug. 30	Detroit Lunch & Restaurant	Ann Arbor	1	1	2
Sept. 7	Oren's Cafeteria	Ann Arbor	4	4	8
Aug. 16	Painter's Restaurant	Ann Arbor	1	5	6
Sept. 7	Prochnow's Dairy Lunch	Ann Arbor	8		8
Aug. 30	U. of M. Restaurant	Ann Arbor	2	2	4
Aug. 29	Chelsea Restaurant & Cafe	Chelsea		3	3
Aug. 28	Lemmon & Co. F. Restaurant	Dexter	1	1	2
July 17	Mission Lunch	Ypsilanti		11	11
July 16	Pioneer Lunch	Ypsilanti	5	1	6
July 17	Ypsilanti Restaurant	Ypsilanti	1	3	4
WAYNE COUNTY.					
Jan. 17	Adams Brothers Quick Lunch	Detroit	10	4	14
Jan. 10	A. & L. Lunch	Detroit	4	3	7
Jan. 17	American Lunch Room	Detroit	5	1	6
Jan. 14	American Restaurant	Detroit	3	4	4
Jan. 25	Andrews' Lunch	Detroit	6		6
Jan. 18	Andrews' Lunch	Detroit	5	2	7
Jan. 22	A Southern Way Restaurant	Detroit	1	5	6
Jan. 3	Avenue Lunch	Detroit	2	4	6
Jan. 18	Baltimore Lunch	Detroit	12		12
Jan. 18	Baltimore Lunch	Detroit	20		20
Jan. 18	Baltimore Lunch	Detroit	15		15
Jan. 21	Baltimore Lunch	Detroit	12		12
Jan. 21	Baltimore Lunch	Detroit	23		23
Jan. 15	B. and B. Restaurant	Detroit	9	1	10
Jan. 18	Beaudoin's Lunch	Detroit	7	1	8
Jan. 22	Beer's Restaurant	Detroit	1	6	7
Jan. 18	Belmont Restaurant	Detroit	2	3	5
Jan. 3	Belmont Lunch	Detroit	14	3	17
Jan. 8	Beltrami & Rush	Detroit	4	7	11
Jan. 8	Beltrami & Rush	Detroit	3	9	12
Jan. 22	Bladon & Co. Restaurant	Detroit	7	21	28
Jan. 9	Blessed's Lunch	Detroit	25	9	34
Jan. 21	Blessed's Lunch	Detroit	9	12	21
Jan. 22	B. and L. Cafeteria	Detroit	6	2	8
Jan. 21	Board of Commerce Restaurant	Detroit	16	40	56
Jan. 9	Boerth Quick Lunch	Detroit	12	7	19
Jan. 9	Boerth Quick Lunch	Detroit	12	7	19
Jan. 9	Boerth Quick Lunch	Detroit	9	10	19
Jan. 9	Boerth Quick Lunch	Detroit	12	7	19
Jan. 15	Borton Restaurant	Detroit		4	4
Jan. 15	Boston Oyster House	Detroit	6	1	7
Jan. 22	Boston Dairy Lunch	Detroit	8	3	11
Jan. 17	Boston Oyster House	Detroit	6	1	7
Jan. 15	Boulevard Restaurant, The	Detroit	2	3	5
Jan. 4	Breaky, J. A. Restaurant	Detroit	2	3	5
Jan. 10	Brennan's Restaurant	Detroit	11	24	35
Jan. 9	Brennan-Fitzgerald & Sink's Restaurant	Detroit	21		21
Jan. 31	Brigg's Restaurant	Detroit	10	3	13
Jan. 23	Brown Pharmacy Lunch	Detroit	17	34	51
Jan. 11	Buerger's Quick Lunch	Detroit	4	3	7
Jan. 11	Burke's Restaurant	Detroit	7	3	10
Jan. 18	Busy Bee Restaurant	Detroit	1	5	6
Jan. 11	Busy Bee Restaurant	Detroit	7	1	8
Jan. 17	Cadillac Lunch	Detroit	6		6
Jan. 16	Cadillac Restaurant	Detroit	6	2	8

## DEPARTMENT OF LABOR.

*Inspection of restaurants.—Continued.*

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
WAYNE CO.— <i>Con.</i>					
Jan. 11	Cadillac Restaurant	Detroit	3	1	4
Jan. 15	Cafeteria Lunch	Detroit	5	2	7
Jan. 15	Car-ren Cafeteria	Detroit	15	2	17
Jan. 25	Carey, Mrs. M. Restaurant	Detroit	1	3	4
Jan. 10	Cathay Restaurant	Detroit	6	1	7
Jan. 21	Catholic Business Women's Club	Detroit		12	12
Jan. 29	Cawthorne, Robert Restaurant	Detroit	5	1	6
Jan. 8	Central Lunch	Detroit	6	4	10
Jan. 8	Central Lunch Club	Detroit	9	24	33
Jan. 16	Central Restaurant	Detroit	1	1	2
Jan. 17	Chicago Quick Lunch	Detroit	2	1	3
Jan. 14	Chicago Restaurant & Lunch, The	Detroit	2	2	4
Jan. 15	Chili Con Carne Parlors	Detroit	1	2	3
Jan. 25	Chinese Republic Restaurant	Detroit	25	1	26
Jan. 14	City Restaurant	Detroit	3	1	4
Jan. 17	City Restaurant	Detroit	4	1	5
Jan. 15	Clayton's Cafe	Detroit	14	14	28
Jan. 10	Coffey's Dairy Lunch	Detroit	5	1	6
Jan. 10	Colonial Restaurant & Lunch Room, The	Detroit	8		8
Jan. 22	Comfort Lunch	Detroit	1	1	2
Jan. 25	Commercial Restaurant	Detroit	3	3	6
Jan. 3	Congress Lunch	Detroit	1	3	4
Jan. 17	Cooke, Edward F.	Detroit	2	4	6
Jan. 18	Costello Restaurant	Detroit		8	8
Jan. 11	Crosstown Cafeteria	Detroit	7	2	9
Jan. 11	Crosstown Restaurant	Detroit	6	2	8
Jan. 13	Crowley, Milner Co. Restaurant	Detroit	9	47	56
Jan. 18	Cunningham's Restaurant	Detroit		5	5
Jan. 18	D. A. C. Cafe	Detroit			1
Jan. 14	Dairy Lunch & Restaurant	Detroit	6	2	8
Jan. 15	Dairy Lunch Room	Detroit	3		3
Jan. 16	Dairy Lunch	Detroit	2	2	4
Jan. 1	Dean, L. B. Restaurant	Detroit	7	5	12
Jan. 18	Decesare, F. Restaurant	Detroit	2	2	4
Jan. 23	Delmar Restaurant	Detroit	6	1	7
Jan. 9	Delmonico	Detroit	9		9
Jan. 9	Delmont Restaurant, The	Detroit	41	24	65
Jan. 23	De Luxe Lunch	Detroit	2	2	4
Jan. 21	Demas, T. Restaurant	Detroit	4	1	5
Jan. 10	Derby Restaurant	Detroit	5	2	7
Jan. 29	Detroit Athletic Club	Detroit	10	60	70
Jan. 9	Detroit Box Lunch Co.	Detroit		2	2
Jan. 25	Detroit Box Lunch Co.	Detroit	1	4	5
Jan. 10	Detroit Box Lunch Co.	Detroit	2		2
Jan. 10	Detroit Lunch Co.	Detroit	6	30	36
Jan. 25	Detroit Restaurant	Detroit	6	1	7
Jan. 22	Dime Bank Building Lunch Co., The	Detroit	4	21	25
Jan. 18	D. and L. Quick Lunch	Detroit			5
Jan. 29	Dolanga, Charles Restaurant	Detroit	6		6
Jan. 18	Doran's, John Cafe	Detroit	8	3	11
Jan. 15	Duplex Restaurant	Detroit	9	14	23
Jan. 15	Elgin Lunch	Detroit	7	6	13
Jan. 23	Elgin Lunch	Detroit	4	1	5
Jan. 22	Erwin Restaurant	Detroit	1	4	5
Jan. 14	European Restaurant	Detroit	1	5	6
Jan. 15	Factory Lunch Co.	Detroit	7	3	10
Jan. 23	Fair Deal Lunch	Detroit	1	1	2
Jan. 10	Fairview Restaurant	Detroit	1	4	5
Jan. 4	Fay Lunch, The	Detroit	13		13
Jan. 14	Fleisher, H. & C. Restaurant	Detroit	8	2	10

Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>WAYNE Co.—Con.</b>					
Jan. 14	Ford's Cafeteria.	Detroit.	5	6	11
Jan. 14	Ford's Lunch.	Detroit.	9		9
Jan. 15	Ford's Lunch.	Detroit.	14	3	17
Jan. 16	Ford's Lunch.	Detroit.	7	12	19
Jan. 15	Ford's Lunch.	Detroit.	11	4	15
Jan. 8	Ford's Lunch.	Detroit.	13	3	16
Jan. 22	Ford Lunch.	Detroit.	5	2	7
Jan. 18	Fournier Restaurant.	Detroit.		4	4
Jan. 23	Frankhouse Restaurant.	Detroit.	1	3	4
Jan. 10	Froet, V. B.	Detroit.	2	3	5
Jan. 23	Gage's Lunch.	Detroit.		4	4
Jan. 22	Geddes Restaurant.	Detroit.	1	5	6
Jan. 9	Gladstone Lunch.	Detroit.	13	1	14
Jan. 11	Grand Boulevard Cafeteria.	Detroit.	6	3	9
Jan. 29	Grandma's Lunch Room.	Detroit.		3	3
Jan. 15	Grandstaff Lunch.	Detroit.	12		12
Jan. 15	Greenfield's Restaurant.	Detroit.	25	6	31
Jan. 21	Hair's Restaurant.	Detroit.	1	16	17
Jan. 11	Hamelef & De Foe's Restaurant.	Detroit.	10		10
Jan. 14	Hanover Lunch & Restaurant.	Detroit.	1	2	3
Jan. 14	Harris, S. Restaurant.	Detroit.	2		2
Jan. 25	Hellar Restaurant.	Detroit.	6		6
Dec. 13	Henry Clay Hotel Cafe.	Detroit.	4	16	20
Jan. 3	Hilliker Lunch.	Detroit.	1	7	8
Jan. 14	Hinkle's Restaurant.	Detroit.	1	4	5
Jan. 23	Holden Lunch.	Detroit.	5	5	10
Jan. 21	Home Lunch.	Detroit.	3		3
Jan. 11	Home Lunch Room.	Detroit.	5	4	9
Jan. 10	Home Restaurant.	Detroit.	7	2	9
Jan. 29	Home Serve Self.	Detroit.	2	3	5
Jan. 24	Hudson, J. L. Co. Restaurant.	Detroit.	3	13	16
Jan. 14	Hungarian Restaurant.	Detroit.	3	2	5
Jan. 18	Imperial Restaurant.	Detroit.	8	2	10
Jan. 14	International Restaurant.	Detroit.	4	3	7
Jan. 10	Jackson, F. E. Restaurant.	Detroit.	7	6	13
Jan. 10	Jackson Lunch.	Detroit.	6		6
Jan. 22	Jacob's Restaurant.	Detroit.		4	4
Jan. 11	Jarvis Cafeteria.	Detroit.	17	7	24
Jan. 21	Jarvis, F. E. Restaurant.	Detroit.	10	5	15
Jan. 10	Jefferson Cafeteria.	Detroit.	7	4	11
Jan. 18	Jenk, J. A. Restaurant.	Detroit.	3	2	5
Jan. 14	Joseph Brothers Lunch.	Detroit.	6	2	8
Jan. 11	Karegan Lunch.	Detroit.	11	1	12
Jan. 22	Kartsen Catering Co.	Detroit.	14	19	33
Jan. 16	Kellock's Restaurant.	Detroit.		2	2
Jan. 16	Kellock, R. Restaurant.	Detroit.		2	2
Jan. 15	Kentucky Kitchen.	Detroit.	2	3	5
Jan. 15	Kentucky Kitchen.	Detroit.	1	3	4
Jan. 3	Kentucky Tea Room.	Detroit.		8	8
Jan. 23	Kercheval Cafeteria.	Detroit.	2	3	5
Jan. 23	Kercheval Restaurant.	Detroit.	1	3	4
Jan. 18	Kinsella's Lunch.	Detroit.		4	4
Jan. 15	Kinter's Restaurant.	Detroit.	15	21	36
Jan. 15	Knickerbocker Lunch, The.	Detroit.	4	2	6
Jan. 4	Knoery, C. F. Restaurant.	Detroit.	2	1	3
Jan. 3	Kreger, W. S. & Co.	Detroit.	4	14	18
Jan. 9	La Child's Cafeteria.	Detroit.	15		15
Jan. 25	Lafayette Restaurant.	Detroit.	1	8	9
Jan. 14	Larsen's Restaurant.	Detroit.	1	5	6
Jan. 15	Lemon's Cafeteria.	Detroit.	11	2	13

## DEPARTMENT OF LABOR.

*Inspection of restaurants.—Continued.*

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
WATNE Co.—Con.					
Jan. 21	Lemon's Restaurant	Detroit	10	7	17
Jan. 17	Liberty Lunch	Detroit	3	2	5
Jan. 10	Lincoln Cafeteria	Detroit	5	7	12
Jan. 21	London's Serveself	Detroit	4	2	6
Jan. 17	Louis Lunch	Detroit	3	1	4
Jan. 15	McBroom Restaurant	Detroit	2	1	3
Jan. 29	McDonald, R. Restaurant	Detroit	9	9	9
Jan. 11	McGowan's Restaurant	Detroit	1	6	7
Jan. 17	McGowan, M. A. Restaurant	Detroit	1	9	10
Jan. 16	McGowan Restaurant	Detroit	2	4	6
Jan. 4	McKay's Restaurant	Detroit	1	3	3
Jan. 9	McLeod's Lunch	Detroit	2	6	8
Jan. 9	Madison Cafe	Detroit	4	16	20
Jan. 21	Maerten's, G. J. Restaurant	Detroit	5	1	6
Jan. 4	Main Lunch, The	Detroit	10	0	10
Jan. 10	Majestic Quick Lunch	Detroit	10	0	10
Jan. 11	Manhattan Lunch	Detroit	6	1	7
Jan. 22	Manhattan Restaurant	Detroit	6	1	7
Jan. 14	Manhattan Lunch Room	Detroit	3	2	5
Jan. 10	Manos Restaurant	Detroit	8	0	8
Jan. 17	Marconi Restaurant	Detroit	7	0	7
Jan. 10	Market Lunch	Detroit	1	3	4
Jan. 21	Marty's Lunch	Detroit	3	7	10
Jan. 25	Marty's Self Serve	Detroit	2	2	4
Jan. 18	Mathews, C. E. Restaurant	Detroit	3	3	6
Jan. 11	Max Lunch No. 4	Detroit	2	1	3
Jan. 23	Maxwell Club Restaurant	Detroit	4	6	10
Jan. 16	Metropolitan Restaurant	Detroit	5	1	6
Jan. 14	Metropolitan Restaurant	Detroit	1	3	4
Jan. 15	Meyers & Rouly Co. Restaurant	Detroit	4	0	4
Jan. 18	Midel's Restaurant	Detroit	4	3	7
Jan. 25	M. C. R. R.-Y. M. C. A. Restaurant	Detroit	2	3	5
Jan. 17	M. C. R. Lunch	Detroit	6	3	9
Jan. 14	Michigan Restaurant	Detroit	4	2	6
Jan. 4	Miller's, Al. Restaurant	Detroit	1	4	5
Jan. 10	Minerva Restaurant	Detroit	5	2	7
Jan. 23	Morgan Restaurant	Detroit	1	3	4
Jan. 18	Morris-Mitchell Cafeteria	Detroit	13	8	21
Jan. 25	Mulvey's Restaurant	Detroit	2	2	2
Jan. 10	Nancy's Waffle House	Detroit	4	0	4
Jan. 17	National Restaurant	Detroit	9	4	23
Jan. 19	Newcomb-Endicott Co. Restaurant	Detroit	5	34	39
Jan. 4	Newcomb-Endicott Restaurant	Detroit	7	27	34
Jan. 10	New Life Restaurant	Detroit	7	0	7
Jan. 17	New Paris Restaurant	Detroit	6	0	6
Jan. 11	New York Restaurant	Detroit	10	2	12
Jan. 17	New York Restaurant	Detroit	3	1	4
Jan. 15	New York Restaurant	Detroit	5	2	7
Jan. 11	Oakland Restaurant	Detroit	3	3	6
Jan. 11	O. K. Restaurant	Detroit	8	0	8
Jan. 23	O. K. Restaurant	Detroit	5	2	7
Jan. 14	O. K. Restaurant	Detroit	3	1	4
Jan. 14	Original College Inn, The	Detroit	9	5	14
Jan. 14	Palace Restaurant	Detroit	1	2	3
Jan. 8	Palace Lunch	Detroit	11	0	11
Jan. 15	P. and A. Lunch No. 2	Detroit	5	2	7
Jan. 4	Pappas Quick Lunch	Detroit	1	2	3
Jan. 8	New Paris Lunch	Detroit	5	1	6
Jan. 16	Park Lunch & Home Restaurant, The	Detroit	1	3	4
Jan. 4	Penn, William Restaurant	Detroit	30	11	41

Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
WAYNE CO.—Con.					
Jan. 11	Peoples Restaurant	Detroit	3		3
Jan. 29	Peter, Nick Restaurant	Detroit	4		6
Jan. 10	Peters Lunch	Detroit	5	2	7
Jan. 10	Pittsburg Lunch Co.	Detroit	17	5	22
Jan. 17	Pittsburg Lunch Co.	Detroit	13	6	19
Jan. 17	Pittsburg Lunch Co.	Detroit	14	5	19
Jan. 17	Pittsburg Lunch Co.	Detroit	13	3	16
Jan. 15	Podolsky, I. Restaurant	Detroit	3	2	5
Jan. 22	Poulos Restaurant	Detroit	5	5	5
Jan. 14	Puritan Restaurant	Detroit	4	1	5
Jan. 18	Quality & Service Restaurant	Detroit	1	3	4
Jan. 25	Queen Quality Restaurant	Detroit	10		10
Jan. 18	Quick Lunch	Detroit	2	2	4
Jan. 18	Quick Lunch	Detroit	2	3	5
Jan. 15	Quick Service Lunch	Detroit	2		2
Jan. 18	Real Lunch	Detroit	5	1	6
Jan. 21	Recreation Restaurant	Detroit	15	2	17
Jan. 9	Richelieu Lunch	Detroit	11		11
Jan. 8	Riddell Restaurant	Detroit	7	15	22
Jan. 11	Ritter, Walter E. Restaurant	Detroit	2		2
Jan. 17	Roberts & Johnson Lunch	Detroit	3	3	6
Jan. 21	Roberts Lunch	Detroit	6	6	12
Sept. 12	Roberts Lunch	Detroit	7	4	11
Jan. 23	Rose's Restaurant	Detroit	4	9	13
Jan. 11	Ross Lunch	Detroit		4	4
Jan. 22	Roth Restaurant	Detroit		3	3
Jan. 29	Roulo, Fred Restaurant	Detroit	2	2	4
Jan. 3	St. Aubin Restaurant	Detroit	2	1	3
Jan. 10	St. Clair Restaurant	Detroit	6	4	10
Jan. 18	St. John's Arbor	Detroit	10	38	48
Jan. 19	St. John's Arbor	Detroit	18	21	39
Jan. 19	St. John's Arbor	Detroit	4	19	23
Jan. 19	St. John's Arbor	Detroit	14	43	57
Jan. 9	St. Louis Lunch	Detroit	5	2	7
Jan. 10	Saratoga Lunch	Detroit	27	3	30
Jan. 11	Savoy, The	Detroit	8		8
Jan. 11	Saxon Lunch & Restaurant	Detroit	2	2	4
Jan. 23	Seaman Restaurant	Detroit	1	3	4
Jan. 9	Seros Lunch	Detroit	9	1	10
Jan. 15	Serve Self Restaurant	Detroit	2	1	3
Jan. 15	Serve Self Lunch	Detroit	1	2	3
Jan. 16	Smith's, Al. Lunch	Detroit	8	4	12
Jan. 10	Smith, J. H. Restaurant	Detroit	5	1	6
Jan. 15	Solomon & Kleiman Restaurant	Detroit	1	2	3
Jan. 18	So Different Lunch	Detroit	10	1	11
Jan. 23	Splendid Lunch	Detroit	8		8
Jan. 15	Studebaker Restaurant	Detroit	3	7	10
Jan. 25	Suckling's Cafe	Detroit	3	6	9
Jan. 22	Sullivan's Lunch	Detroit	3	3	6
Jan. 18	Sun Restaurant	Detroit	7	2	9
Jan. 14	Surprising Restaurant & Lunch, The	Detroit	4	2	6
Jan. 18	Thimos Cafeteria	Detroit	2	2	4
Jan. 10	Thompson's Restaurant	Detroit	12	12	24
Jan. 14	Three Star Restaurant	Detroit	8	2	10
Jan. 15	Torrence, M. C. Restaurant	Detroit	2	2	4
Jan. 14	Traveler's Restaurant	Detroit	1	1	2
Jan. 24	Tremont Restaurant	Detroit	5	1	6
Jan. 17	Tuller Lunch	Detroit	4	12	16
Jan. 31	U-Eat-A Lunch Co., Inc.	Detroit	65	40	105
Jan. 3	U-Eat Lunch	Detroit	5	5	10

## Inspection of restaurants.—Continued.

Date of inspection.	Name of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	WAYNE Co.—Con.				
Jan. 18	U-Need-A Lunch	Detroit	5	1	6
Jan. 15	Union News Co. Restaurant	Detroit	25	10	44
Jan. 21	Union Station Restaurant	Detroit	8	12	20
Jan. 18	Verdun Restaurant	Detroit	3	2	5
Jan. 17	Victoria Restaurant	Detroit	5		5
Jan. 16	Voorhees Lunch	Detroit	1	5	6
Jan. 16	Waffle's Lunch	Detroit	3	3	6
Jan. 22	Waller Catering Co.	Detroit	4	16	20
Jan. 21	Walker Brothers Catering Co.	Detroit	17	3	20
Jan. 17	Walker Brothers Catering Co.	Detroit	12	3	15
Jan. 21	Walker Brothers Catering Co.	Detroit	17	6	23
Jan. 21	Walker Brothers Catering Co.	Detroit	19	3	22
Jan. 18	Walker Brothers Catering Co.	Detroit	12	2	14
Jan. 18	Walker Brothers Catering Co.	Detroit	13	2	15
Jan. 18	Walker Brothers Catering Co.	Detroit	15	4	19
Jan. 18	Walker Brothers Catering Co.	Detroit	17	4	21
Jan. 18	Walker Brothers Catering Co.	Detroit	11	3	14
Jan. 18	Walker Brothers Catering Co.	Detroit	19	7	26
Jan. 11	Ward's Restaurant	Detroit	1	2	3
Jan. 11	Warren Cafeteria	Detroit	5	3	8
Jan. 17	Warren Restaurant	Detroit	3	2	5
Jan. 17	Washington Lunch	Detroit	6	14	20
Jan. 18	Wayne Lunch	Detroit	4	2	6
Jan. 14	Wechler Restaurant	Detroit	3	3	6
Jan. 23	Weidenback's Restaurant	Detroit	1	4	5
Jan. 15	Welland's Dairy Lunch	Detroit	4		4
Jan. 11	Weiss & Kemnitz Restaurant	Detroit	10	10	20
Jan. 11	Weiss & Kemnitz Restaurant	Detroit	2	4	6
Jan. 10	Welcome Restaurant	Detroit	5	3	8
Jan. 25	Wellington Restaurant, The	Detroit	5	4	9
Jan. 10	Weebrook's Restaurant	Detroit	11	2	13
Jan. 22	Western High School Restaurant	Detroit		2	2
Jan. 10	Westphalia Restaurant	Detroit	3		3
Jan. 17	West Side Restaurant	Detroit	6		6
Jan. 23	White's Restaurant	Detroit	2	1	3
Jan. 16	White Star Lunch	Detroit	2	8	10
Jan. 11	Williams Restaurant & Lunch Room	Detroit	5	3	8
Jan. 15	W. & J. Restaurant	Detroit	8		8
Jan. 22	Woodward Lunch	Detroit	3	5	8
Jan. 25	Woman's Exchange Restaurant, The	Detroit	3	51	54
Jan. 17	Wright's Restaurant	Detroit	5	5	10
Jan. 15	Y. H. P. A. Restaurant	Detroit	5	2	7
Jan. 30	Y. W. C. A. Restaurant	Detroit	5	53	58
Jan. 22	Andrews Lunch	Hamtramck	4	4	8
Jan. 22	Auto City Restaurant	Hamtramck	4	3	7
Jan. 22	Case Lunch	Hamtramck	6	3	9
Jan. 22	Hamtramck Restaurant	Hamtramck	6	3	9
Jan. 21	Allen Brothers	Highland Park	5	3	8
Jan. 11	American Lunch	Highland Park	8	3	11
Jan. 11	Arcade Dairy Lunch	Highland Park	6		6
Jan. 22	Colonial Serve Self	Highland Park	1	5	6
Jan. 11	Cozy Lunch	Highland Park	2	2	4
Jan. 22	Eiroy Restaurant	Highland Park	6	2	8
Jan. 22	Gardener Lunch	Highland Park	7	3	10
Jan. 21	London Self Serve	Highland Park	4	1	5
Jan. 21	Missis Quick Lunch	Highland Park	4	1	5
Jan. 21	Morris-Mitchell Co.	Highland Park	6	9	15
Jan. 24	Rosedale Lunch	Highland Park	5		5
Jan. 20	Witwer Lunch	Highland Park	1	12	13



*Inspection of restaurants.—Concluded.*

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
<b>WEXFORD COUNTY.</b>					
Jan. 10	Busby's Restaurant .....	Cadillac .....	2	6	8
Feb. 11	Hansen's Restaurant .....	Cadillac .....	2	2	2
Feb. 12	Holmquist, Frank Restaurant .....	Cadillac .....	2	2	2
Jan. 14	Mason, James Restaurant .....	Cadillac .....	1	1	1
Jan. 14	Metheanys' Restaurant .....	Cadillac .....	3	9	12

## ORDERS ISSUED ON RESTAURANTS 1917.

*Alanson.*

May 17, 1917.

CULP, N. W. RESTAURANT.—At once provide and equip rooms with regulation ropes to be used as a means of escape in case of fire. Post printed notices in rooms directing location and use of ropes. Provide chemical fire extinguisher in hall.

*Battle Creek.*

October 11, 1917.

BRIGHT SPOT RESTAURANT.—At once comply with the fifty-four hour labor law regarding employment of females.

*Bay City.*

September 7, 1917.

HARMONY CAFETERIA.—At once discontinue employing females for a period longer than ten hours per day or longer than fifty-four hours per week.

*Calumet.*

October 13, 1917.

ST. PAUL CAFE.—At once arrange hours of female employes to conform with the fifty-four hour law.

October 13, 1917.

STUKELL, JOSEPH.—At once provide separate toilet for female employes at 427 Fifth Street, in building owned by you and occupied by George Lee, known as St. Paul Cafe. Have said toilet well screened and kept in a good condition.

*Coopersville.*

January 15, 1918.

ALLEN, MAY, RESTAURANT.—At once post notices in halls calling attention to fire escape and giving direction to same.

*Detroit.*

January 24, 1917.

THE ABBOTT LUNCH.—At once properly designate women's toilet room.

January 3, 1917.

AVENUE LUNCH.—At once discontinue employing females longer than 10 hours in any one day or longer than 54 hours per week. Provide a proper separate toilet for female employes and designate it as such. Clean and keep in a more sanitary condition the kitchen of your restaurant.

May 2, 1917.

AVENUE LUNCH.—At once discontinue employing females for a period longer than 10 hours per day or longer than 54 hours per week.

May 3, 1917.

BEARD'S RESTAURANT.—At once arrange the hours of your female employes to conform to the 54 hour law.

January 8, 1917.

BELMONT RESTAURANT.—At once provide a separate toilet for use of female employes.

January 22, 1918.

B. & L. CAFETERIA.—At once thoroughly clean men's toilet room and whitewash walls of same.

August 3, 1917.

**BORTON RESTAURANT.**—At once discontinue employing females for a period longer than 10 hours per day or longer than 54 hours per week.

January 29, 1917.

**BUSY BEE RESTAURANT.**—At once provide seat for vault and lock for door. Designate toilet room For Women Only.

January 26, 1917.

**CROSSTOWN RESTAURANT.**—At once provide a separate toilet for the use of females employed at 922 Grand River Avenue, and arrange their hours to conform with the 54 hour law. Properly designate toilet used by females at 1042 Grand River.

January 17, 1917.

**DETROIT ATHLETIC CLUB.**—At once discontinue employing females for a period longer than 10 hours per day or longer than 54 hours a week.

**EUROPEAN RESTAURANT.**—At once regulate the hours of your female employes so as not to work them for a longer period than 54 hours in any one week.

January 10, 1918.

**FAIRVIEW RESTAURANT.**—At once adjust working hours for girls so as to comply with the 54 hour labor law.

November 15, 1917.

**FERNDALE RESTAURANT.**—At once arrange hours of your female help so they will not work more than ten hours in any one day or more than 54 hours in any one week. Place in sanitary condition the toilet used by your female help and designate it for the use of women only. Post legal notice furnished by Department of Labor.

March 9, 1917.

**FIFTY-FIFTY RESTAURANT.**—At once regulate the working hours of all female help to comply with Section 9 of the State Labor Laws governing the hours of female employes.

January 15, 1918.

**FORD'S LUNCH No. 2.**—At once provide light for toilet, and whitewash and thoroughly clean same. Provide separate toilet for use of female employes.

January 11, 1918.

**GRAND BOULEVARD CAFETERIA.**—At once whitewash walls of women's toilet room and mark room For Women Only.

June 26, 1917.

**HILLER'S RESTAURANT.**—At once arrange hours of female employes to conform to the 54 hour law.

January 11, 1918.

**JARVIS CAFETERIA.**—At once whitewash women's toilet room and provide seats for vaults.

January 8, 1917.

**KIDDELL RESTAURANT.**—At once discontinue employing females for a period longer than 10 hours per day or longer than 54 hours per week.

July 20, 1917.

**KNAUER RESTAURANT.**—At once discontinue employing females for a period longer than 10 hours in any one day or longer than 54 hours in any one week. Procure and keep on file permit for boy who is in your employ under sixteen years of age.

February 1, 1917.

**LANSING LUNCH.**—At once regulate the hours of female help to comply with Section 9 of the State Labor Laws. Provide separate toilets for both sexes and do not permit indiscriminate use of same. Post signs designating different toilets.

January 29, 1917.

**LENOX RESTAURANT.**—At once provide a proper toilet for the use of female employes and arrange their hours to conform to the 54 hour law.

January 11, 1918.

**LIM, FOY, RESTAURANT.**—At once place kitchen in a sanitary condition.

February 15, 1917.

**LONDON RESTAURANT.**—At once clean and mark women's toilet room.

February 21, 1917.

**MAXWELL RESTAURANT.**—At once discontinue employing females for a period longer than 10 hours in any one day or longer than 54 hours per week.

March 23, 1917.

**MEIER McCANN RESTAURANT.**—At once provide a toilet for use of females in your employ and designate it as such.

June 13, 1917.

**MILLER, AL RESTAURANT.**—At once discontinue employing females for a period longer than 10 hours in any one day or longer than 54 hours per week.

March 22, 1917.

**NEW RESTAURANT.**—At once discontinue employing females for a period longer than ten hours per day or longer than fifty-four hours per week.

January 11, 1917.

**NEW YORK LUNCH.**—At once arrange hours of female employes to conform to the 54 hours law.

January 14, 1918.

**O. K. RESTAURANT.**—At once place kitchen in a clean and sanitary condition.

January 31, 1917.

**OMONIA H. RESTAURANT.**—At once provide toilet for male help in your employ.

February 1, 1917.

**PALACE RESTAURANT.**—At once place kitchen in sanitary condition. Clean and paint ceiling and walls of same.

February 1, 1917.

**QUEEN QUALITY LUNCH.**—At once repair flusher on toilet in rear of kitchen.

January 9, 1918.

**RICHELIEU LUNCH.**—At once arrange hours of female employes to conform to the 54 hour law.

August 6, 1917.

SILVER MOON RESTAURANT.—At once arrange the hours of female employes to conform to the 54 hour law.

January 9, 1917.

ST. LOUIS LUNCH.—At once discontinue employing females for a period longer than 10 hours per day or longer than 54 hours per week.

January 3, 1917.

U EAT A LUNCH.—At once provide a proper and separate toilet for female employes and designate it as such. Clean and keep in a better condition the toilet in basement.

March 28, 1917.

U EAT A LUNCH.—at once arrange hours of female employes to conform to the 54 hour law.

January 10, 1918.

VATKIS, T.—At once place kitchen in sanitary condition and keep it so.

February 7, 1917.

THE WAFFLE LUNCH.—At once keep basement toilet in a sanitary condition.

February 1, 1917.

WESBROOK, LEW.—At once comply with the 54 hour law applying to female employes and provide separate toilets for male and female help and designate same.

June 1, 1917.

WESLEY'S RESTAURANT.—At once discontinue employing females for a period longer than 10 hours per day or longer than 54 hours per week.

March 8, 1917.

W. M. C. A.—MRS. T. SNOWGOLD, MANG.—At once discontinue employing females for a period longer than 10 hours per day or longer than 54 hours per week.

*Eaton Rapids.*

June 12, 1917.

HOME RESTAURANT.—At once post printed notices in halls and sleeping rooms to comply with law. Provide chemical fire extinguishers in halls.

*Escanaba.*

April 20, 1917.

EVERYBODY'S DELICATESSEN.—At once provide separate toilets for use of males and females employed in said building. Clean basement and remove all rubbish therein.

*Flint.*

January 7, 1918.

QUICK B. RESTAURANT.—At once unlock door marked with the word IN so that same may be opened from inside as well as outside; also unlock both screen and outside door to east dining room and keep same unlocked at all times when labor is employed in building or when opened to public. Put large hood over cook stove in kitchen for carrying away smoke and fumes from cooking.

*Gaylord.*

September 20, 1917.

MILLER'S RESTAURANT.—At once place ropes in sleeping rooms and notices calling attention to use of same. Place two fire extinguishers in hall on second floor.

*Grand Rapids.*

March 31, 1917.

BROWN RESTAURANT.—At once discontinue employing females for a period longer than 10 hours per day or longer than 54 hours per week.

March 7, 1917.

LANOX CAFE.—At once arrange the hours of female employes to not exceed 54 hours a week or more than 10 hours a day.

*Harbor Springs.*

May 10, 1917.

ISAACS, FRANK RESTAURANT.—At once provide and install ropes in all bed rooms on second floor to be used as a means of escape in case of fire. Provide chemical fire extinguishers in halls. Provide and post printed notices in rooms directing use of ropes. Provide sheets on beds not less than 90 inches in length. Repair stairway leading to rooms.

*Highland Park.*

January 11, 1918.

AMERICAN LUNCH.—At once provide hand rail for basement stairway. Repair flusher on toilet in women's toilet room and properly designate said toilet.

February 9, 1917.

COLONIAL SERVE SELF RESTAURANT.—At once provide separate toilets for both sexes and properly designate the same. Regulate hours of female employes to conform with Section 9 of the State Labor Laws.

January 21, 1917.

GARDENER RESTAURANT.—At once provide a separate and proper toilet for use of female employes, and so designate same.

February 9, 1917.

M. & M. LUNCH CO.—At once provide separate toilets for both sexes employed, and designate same.

*Iron Mountain.*

January 9, 1918.

MARTIN HARTWICK RESTAURANT, JAMES SPENCER, AGENT.—Within sixty days install a toilet in building at 104 Ludington Street, occupied as a restaurant, for separate use of females employed. Same to be heated, lighted and ventilated and kept in a sanitary condition at all times.

*Iron River.*

December 31, 1917.

CAMINS FRANK, OWNER W. J. SCHOOK RESTAURANT.—At once paint ceiling and walls of kitchen. Install toilet for separate use of females employed, same to be heated, lighted and ventilated and kept sanitary at all times.

December 29, 1917.

DAVIDSON'S BAKERY & LUNCH.—At once install toilet upstairs in building occupied for bakery and lunch, same to be heated, lighted and ventilated. Cover stairs and platform connecting buildings, and enclose same from the weather, same to be properly lighted and kept in a safe condition.

*Ironwood.*

December 6, 1917.

TEKKALA, MATT, LUNCH ROOM.—At once regulate the hours of female employes to comply with the 54 hour law.

*Monroe.*

February 5, 1918.

CITY RESTAURANT.—At once clean up kitchen and keep same in a sanitary condition at all times. Arrange hours of female employes to conform with the 54 hour labor law.

*Pontiac.*

September 28, 1917.

SOUTH SIDE RESTAURANT.—At once provide ropes in each sleeping room, also at end of hall to use as means of escape in case of fire. Post notices in bed rooms and halls directing use of said ropes. Provide chemical fire extinguishers in hall, and also provide sheets at least 90 inches in length also blankets for all beds.

*Portland.*

August 22, 1917.

MILLER, JOHN W.—At once clean wash bowl and keep in sanitary condition.

*Sault Ste. Marie.*

January 25, 1918.

SAVOY CAFE.—At once have separate toilets installed for females.

*Shelby.*

June 11, 1917.

WADE WRIGHT INN.—At once discontinue business until building is put in good repair and in a safe and sanitary condition. Do not re-open until conditions are such as will comply with State Law governing hotels.

## DEPARTMENT OF LABOR.

## SUMMARY OF

Number of inspection.	Name of counties.	Number men managers employed.	Number who receive wages.	Average daily wages.	Number women managers employed.	Number who receive wages.	Average daily wages.	Number men clerks employed.	Number who receive wages.	Average daily wages.	Number women clerks employed.	Number who receive wages.	Average daily wages.	Number men cashiers employed.	Number who receive wages.	Average daily wages.
2	Alger	2			2											
2	Allegan	1			2											
2	Alpena	3														
1	Antrim	1			1											
2	Baraga	2			2											
6	Bay	4			4			2	2	\$3 25	1	1	\$1 25			
3	Berrien	2			1											
28	Calhoun	19			5			2	2	2 00	4	4	1 25	3	3	\$1 18
1	Cass	1			1											
4	Charlevoix	5			2											
5	Cheboygan	4			2			1	1	1 25						
3	Chippewa	3														
3	Clinton	3			2											
4	Crawford	3			2											
6	Delta	5			4											
1	Dickinson				1											
4	Eaton	4			2											
7	Emmet	7			5			3	3	0 72	2	2	0 72			
9	Genesee	13	2	\$4 25	2											
3	Gogebic	3			1						2	2	1 00			
2	Grand Traverse	3			2											
5	Gratiot	6			1											
14	Houghton	12			9											
17	Ingham	15	2	2 55	6											
22	Ionia	23			4			1	1	1 66						
2	Iosco	2			2											
2	Iron	3														
3	Jackson	3	1	2 00				1								
14	Kalamazoo	2												1	1	2 00
42	Kent	40	9	2 72	14	2	\$2 20	4	4	2 12	7	7	0 99	1	1	1 66
1	Lake	1			1			1								
2	Lapeer	2						1	1	1 00						
1	Leelanau	1														
3	Lenawee	2			3						1	1	1 00			
12	Macomb	10	2	3 50	5			1	1	2 50						
3	Marquette	3			1											
4	Mason	3			2											
3	Mecosta	3			1			6	6	1 27	1	1	1 25			
2	Menominee	1			2			2	2	2 50	2	2	1 30			
1	Missaukee	1														
2	Monroe	2														
1	Montcalm	1														
21	Muskegon	21			6	1	1 85	2	2	1 43						
10	Oakland	11	1	4 15	1			2	2	1 95	2	2	2 20			
2	Oceana	2			1											
1	Ogemaw	1														
1	Osceola	1														
2	Otsego	1			1											
8	Ottawa	5			3											
15	Saginaw	15	2	3 50	6						2	2	1 00			
3	St. Clair	2						1	1	2 00						
3	St. Joseph	2														
1	Schoolcraft	1														
1	Shiawassee															
5	Tuscola	6			2			3	3	2 00						
3	Van Buren	2	2	2 00	3	1	1 33				3	3				
16	Washtenaw	15			3	1	1 50	1	1	1 25	3	3	1 25			
342	Wayne	365	84	3 88	54	29	2 81	62	62	2 76	22	22	1 82	28	24	2 14
5	Wexford	5	1	1 00				3	3	2 72				1	1	1 33
693	Totals	679	106	\$3 71	173	34	\$2 66	99	97	\$2 44	49	49	\$1 46	34	30	\$1 99





## Summary of restaurant

Number of inspection.	Name of counties.	Dishwashers			Cooks								
		Number men employed.	Number who receive wages.	Average daily wages.	Number men employed.	Number who receive wages.	Average daily wages.						
2	Alger				2		\$0 58						
2	Allegan				2		0 60						
2	Alpena	1	1	\$0 60		3	1	\$2 25					
1	Antrim												
2	Baraga				1	1	1 00		1	1	1 00		
6	Bay				11	11	1 24	1	1	4 00	8	8	1 71
3	Berrien				2	2	1 00				1	1	1 70
28	Calhoun	20	20	1 63	33	33	1 53	31	30	2 51	20	20	1 74
1	Cass				1	1	1 50	1	1	1 50			
4	Charlevoix				3	3	0 72	2			3	2	0 91
5	Cheboygan				1	1	1 50	1	1	1 00	6	5	1 60
3	Chippewa				4	4	1 00	1	1	3 00	2	2	1 50
3	Clinton				1	1	3 00	2	2	3 00	2	2	1 16
4	Crawford	1	1	1 50	1	1	1 00	3	3	2 33	3	3	2 66
6	Delta	3	3	1 05	5	5	0 88	6	6	2 51	1	1	1 00
1	Dickinson												
4	Eaton				3	3	0 93	1	1	2 00	2	1	1 50
7	Emmet	1	1	0 72	2	2	0 57	2			5	4	1 59
9	Genesee	5	5	1 68	12	12	1 27	9	9	2 92	9	9	2 31
3	Gogebic				2	2	1 00				2	2	1 48
2	Grand Traverse	1	1	1 33	3	3	0 79	2	2	2 34	1	1	1 50
5	Gratiot				4	4	0 74	1			3	2	1 20
14	Houghton	2	2	1 70	5	5	0 97	4	2	3 25	1	1	0 50
17	Ingham	13	13	1 54	28	28	0 98	26	25	2 69	8	8	1 70
22	Ionia	1	1	1 00	5	5	0 89	4	3	2 50	8	3	1 55
2	Iosco												
2	Iron							1	1	1 80			
3	Jackson	1	1	2 00	8	8	1 11	1	1	2 00	3	3	1 65
14	Kalamazoo	9	9	1 66	12	12	1 30	11	11	2 64	10	10	1 66
42	Kent	1	1	0 72	68	68	1 03	32	32	2 41	24	22	1 52
1	Lake				1	1	0 50						
2	Lapeer				1	1	1 00				1		
1	Leelanau				1								
3	Lenawee				3	3	0 80	2	2	2 50	1	1	2 00
12	Macomb	7	7	1 29	13	13	1 20	10	8	2 90	6	5	1 87
3	Marquette	1	1	0 83	1	1	0 71	3	3	2 00			
4	Mason	1	1	1 43	1	1	0 57	2	2	1 88	1	1	0 86
3	Mecosta				3	3	0 85	3	3	2 08	2	2	1 12
2	Menominee				1	1	1 65				1	1	2 40
1	Missaukee				1								
2	Monroe	1	1	1 00	2	2	1 00	3	3	2 67			
1	Montcalm										1	1	1 50
21	Muskegon	6	6	1 08	23	23	1 04	11	8	2 25	12	9	1 83
10	Oakland	2	2	2 08	7	7	1 56	15	15	2 85	2	2	1 18
2	Oceana				2	2	0 63	2	2	2 50	1	1	1 00
1	Ogemaw				1	1	0 50						
1	Osceola												
2	Otsego										2	1	0 50
8	Ottawa	1	1	0 87	5	5	0 74	2	2	2 16	6	4	1 32
15	Saginaw	1	1	1 00	10	10	0 98	2	2	2 50	13	13	1 94
3	St. Clair				3	3	1 00	3	1	2 50	3	3	2 42
3	St. Joseph				1	1	1 00	1	1	1 37	3	3	1 25
1	Schoolcraft				1	1	1 00	1					
1	Shiawassee				2	2	0 60	2	2	2 15			
5	Tuscola				2	2	1 00	2	2	2 25	1	1	1 20
3	Van Buren				3	3	1 17	2	2	2 50	1	1	1 50
16	Washtenaw	3	3	2 20	8	8	1 08	12	12	2 31	4	4	1 65
342	Wayne	359	357	1 53	352	352	1 30	527	523	2 81	141	123	2 11
5	Wexford				2	2	0 85	2	2	1 75	3	3	1 72
93	Totals	441	439	\$1 53	668	666	\$1 20	752	727	\$2 72	330	292	\$1 85

inspection.—Concluded.

Number men kitchen assistants employed.	Number who receive wages.	Average daily wages.	Number women kitchen assistants employed.	Number who receive wages.	Average daily wages.	Number other men employed.	Number who receive wages.	Average daily wages.	Number other women employed.	Number who receive wages.	Average daily wages.	Whole number employed.	Number who receive wages.	Aggregate daily wages.	Average daily wages.
			1	1	\$0 65	1	1	\$1 00				12	8	\$6 10	\$0 76
												10	7	4 60	0 66
												11	6	10 41	1 40
			1	1	0 70							2			
												11	7	5 90	0 84
			3	3	0 55							60	52	76 76	1 48
			1	1	1 13							16	12	16 89	1 41
4	4	\$1 08	6	6	1 14	2	2	1 75	7	7	1 64	265	240	409 30	1 71
												5	3	4 50	1 50
			1	1	1 16							22	12	12 25	1 02
			2	2	1 63							29	22	33 50	1 52
1	1	2 00				2	2	1 75				20	17	22 50	1 32
												11	6	9 55	1 59
1	1	1 50										22	17	36 50	2 15
												34	25	32 86	1 31
			1	1	0 75							4	3	2 25	0 75
						1	1	0 33				15	8	8 28	1 03
			1	1	1 00	3	3	1 25	1	1	0 72	47	31	27 57	0 89
						2	2	2 00	2	2	1 00	91	78	144 38	1 86
			4	4	1 00							26	22	22 15	1 01
						1	1	0 50				18	13	14 91	1 14
			2	1	0 75				1	1	1 00	27	14	12 34	0 88
												54	30	44 46	1 48
			2	2	1 00				3	3	1 13	184	162	239 44	1 48
			1	1	0 66	1	1	0 72				85	49	65 57	1 34
												4			
			1	1	1 50							9	6	9 80	1 63
			3	3	1 20							30	27	36 25	1 34
			4	4	1 06							102	100	171 69	1 72
4	4	1 40	6	6	1 02	11	6	1 31	6	6	1 27	371	316	431 13	1 36
												4	1	0 50	0 50
									1	1	1 00	8	5	6 32	1 26
												3	1	1 00	1 00
												19	14	19 50	1 39
1	1	1 75	2	2	0 82							94	75	115 70	1 54
												14	9	12 41	1 38
												16	11	12 21	1 11
						1	1	2 00				26	18	25 88	1 44
									1	1	1 50	11	8	14 15	1 77
												4	2	1 80	0 90
												15	13	20 80	1 60
												7	2	2 10	1 05
			2	2	1 00	2	2	1 33				142	109	144 15	1 32
			2	1	1 25				2	2	0 93	78	66	128 49	1 95
2	2	1 41										12	9	11 65	1 29
												3	2	1 32	0 66
												1			
			1	1	0 71							6	3	2 10	0 70
			1	1	1 15							42	31	33 01	1 06
2	2	1 25							1	1	1 50	108	87	132 81	1 53
						1	1	3 00				26	22	31 60	1 44
												13	11	13 49	1 23
												4	2	2 00	1 00
									2	2	0 60	13	13	14 47	1 11
						1	1	2 00				24	16	25 95	1 62
												16	15	22 31	1 49
1	1	1 25	3	3	1 26	3						80	60	96 16	1 60
122	120	2 18	109	109	1 42	188	187	1 77	105	104	1 35	3,967	3,625	6,742 50	1 86
												26	22	34 70	1 58
145	143	\$2 06	161	159	\$1 30	220	211	\$1 73	134	133	\$1 33	6,379	5,545	\$9,580 92	\$1 73

## SUMMARY OF RESTAURANT INSPECTION.

Number of inspections made .....	693
Number men employed as managers .....	679
Number who receive wages .....	106
Average daily wages .....	\$3.71
Number women employed as managers .....	173
Number who receive wages .....	34
Average daily wages .....	\$2.66
Number men employed as clerks .....	99
Number who receive wages .....	97
Average daily wages .....	\$2.44
Number women employed as clerks .....	49
Number who receive wages .....	49
Average daily wages .....	\$1.46
Number men employed as cashiers .....	34
Number who receive wages .....	30
Average daily wages .....	\$1.99
Number women employed as cashiers .....	174
Number who receive wages .....	170
Average daily wages .....	\$1.62
Number waiters employed .....	788
Number who receive wages .....	767
Average daily wages .....	\$1.97
Number waitresses employed .....	1,253
Number who receive wages .....	1,243
Average daily wages .....	\$1.18
Number porters employed .....	199
Number who receive wages .....	199
Average daily wages .....	\$1.69
Number scrub women employed .....	70
Number who receive wages .....	70
Average daily wages .....	\$1.33
Number men dishwashers employed .....	444
Number who receive wages .....	439
Average daily wages .....	\$1.53
Number women dishwashers employed .....	668
Number who receive wages .....	666
Average daily wages .....	\$1.20
Number men cooks employed .....	752
Number who receive wages .....	727
Average daily wages .....	\$2.72

THIRTY-FIFTH ANNUAL REPORT.

627

Number chambermaids employed .....	10
Number who receive wages .....	10
Average daily wages .....	\$1.02
Number women cooks employed .....	330
Number who receive wages .....	292
Average daily wages .....	\$1.85
Number men kitchen assistants .....	145
Number who receive wages .....	143
Average daily wages .....	\$2.06
Number women kitchen assistants .....	161
Number who receive wages .....	159
Average daily wages .....	\$1.30
Number other men employed .....	220
Number who receive wages .....	211
Average daily wages .....	\$1.73
Number other women employed .....	134
Number who receive wages .....	133
Average daily wages .....	\$1.33
Whole number employed .....	6,379
Number who receive wages .....	5,545
Aggregate daily wages .....	\$9,580.92
Average daily wages .....	\$1.73

DEPARTMENT OF LABOR.

SUMMARY OF ACCIDENTS REPORTED.

Number accidents reported.	Name of county.	Nature of business.																																
		Auto accession.	Automobiles.	Canned goods.	Cement, stone and lime.	Cereals.	Chemicals.	Contracting.	Engines.	Forgings.	Foundry.	Furniture.	Gears.	Grain, flour and feed.	Gypsum products.	Leather goods.	Light, water, gas and heat.	Machinery.	Malt goods.	Milk products.	Mines.	Paints, varnish, etc.	Paper.	Quarries.	Railroads.	Salt.	Steel products.	Stores and furnaces.	Textile plants.	Tools.	Wheels and axles.	Woodworking.	All other industries.	
20	Alger															1	3					6												10
78	Allegan									2								23						50										1
167	Alpena			114																				53										2
20	Antrim									7								18															20	
30	Barry																																2	
118	Bay								1	2									1			11											79	
12	Benzie																																12	
171	Berrien								1	4								19				1					83		5				17	
5	Branch				4																												5	
321	Calhoun							1		20				68				142								16	31						4	
115	Cass																	25															124	
287	Charlevoix									3						7	69	46															2	
16	Chippewa																			3													2	
6	Clinton																																	1
1	Crawford																																	1
22	Eaton				10					5																								5
56	Emmet			1																														25
1,202	Genesee		2	798					120	179																	17						25	
13	Grand Traverse																																	76
13	Hillsdale								9	1																								8
2	Houghton																																	2
27	Huron																																	7
200	Ingham								1	1				27																				13
26	Ionia										13																							18
26	Jackson							1	3	2																								6







18	Kalamazoo	1	1	1	3	1	2	2	3	17	5	4	1	1	27	13	2	2	7													
226	Kent	1	1	1	8	1	2	14	3	17	5	4	4	4	27	13	32	2	1													
28	Lenawee	3	3	1	1	1	2	2	2	3	3	3	3	3	2	2	7	7	1													
3	Luce	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
1	Mackinac	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
150	Manistee	1	4	1	2	15	2	19	5	6	1	1	2	2	4	28	103	7	1													
263	Marquette	1	6	1	1	2	2	5	1	2	2	1	2	2	4	103	7	7	1													
45	Mason	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
1	Mecosta	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
2	Monroe	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
30	Muskegon	1	1	1	3	1	3	9	1	5	8	1	1	1	3	2	2	2	3													
387	Oakland	1	1	1	13	1	13	3	3	1	5	8	14	14	13	42	30	42	1													
89	Ontonagon	1	3	1	1	1	1	1	1	1	1	1	2	2	13	30	30	30	1													
1	Oscoda	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
1	Otsego	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
84	Ottawa	2	2	2	2	1	2	4	1	1	6	1	2	2	7	6	13	13	3													
57	Presque Isle	2	3	1	1	1	1	4	1	5	3	1	1	1	6	5	5	5	1													
6	Roscommon	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
2	Saginaw	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
395	St. Clair	5	2	1	7	7	7	1	1	9	1	1	2	6	5	9	48	48	3													
72	St. Joseph	2	2	2	2	2	2	2	2	4	5	1	1	1	1	15	15	15	1													
89	Schoolcraft	1	1	1	3	6	3	6	1	1	3	1	1	1	2	2	18	18	1													
3	Van Buren	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
1,329	Wayne	3	8	2	2	10	5	59	9	4	12	43	6	60	46	233	9	9	50													
12	Westford	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
6,337	Totals	4	25	3	3	28	3	4	5	32	2	9	25	252	1	28	311	42	2	23	1	6	60	214	52	49	62	315	153	1,024	15	143

DEPARTMENT OF LABOR.

Summary of accidents reported.—Concluded.

Number accidents reported.	Name of county.	Cause of accident.—Concluded.										Result of accident.				Number days injured persons were disabled.											
		Cause of accident.—Concluded.										Result of accident.				Number days injured persons were disabled.											
		Hitting.	Rolls and cylinders.	Saws.	Screw machines.	Slipped.	Strained by lifting.	Struck by vehicle.	Tracks or runways.	All other causes.	Fatal.	Serious.	Severe.	Slight.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
20	Aleer.....			2		6		27	7		4	5	11	286	7	7	2	2	3	4	15	13	3		1		
78	Allegan.....			2		1		27			7	35	36	562	2	9	6	10	10	3	4	15	13	3	3		
167	Alpena.....			1		13	1	61		2	20	74	71	2,079	25	13	6	9	9	11	12	13	12	13	12		
20	Antrim.....			1		3		10			1	8	11	880	1	3	1	3	2	2	4	1	2		2		
30	Barry.....					2		6			1	9	20	413	3	2		5	4	7	1						
118	Bay.....			16		2		24	2	17	31	68		2,188	15	9	8	7	11	8	3	2	6	6	16		
12	Benzie.....			3		1		6			3	3		1,105	3	1		6	6	7	8	3	2	6	16		
171	Berrien.....			6		4		50	3	33	91	44		2,848	8	17	20	13	8	38	17	21	30	1	10		
5	Branch.....			1		1		1			4	95		1,866	26	32	22	22	22	28	32	32	22	26	17		
321	Calhoun.....			5		9		148		22	113	186		1,866	26	32	22	22	22	28	32	32	22	26	17		
115	Cass.....			2		5		64		5	40	70		1,439	17	9	6	1	2	8	22	15	11	11	10		
287	Charlevoix.....			8		23	3	138	2	17	131	137		3,821	25	23	19	17	20	27	29	22	19	25	23		
16	Chippewa.....			1		5		4	1	6	5	4		620	1	2	4	2	1	3					1		
6	Clinton.....					2		1		2	2	2		180	1	2	4	2	1	3					1		
1	Crawford.....			1											1												
22	Eaton.....			3		1		10		4	7	11		625	3	4	3	3	3	5	1	3	6	3	9		
56	Emmet.....			1		5		22	1	5	33	17		1,813	11	5	6	1	8	3	1	3	6	3	9		
1,202	Genesee.....			14		22	6	628	3	31	951	217		15,940	171	127	183	169	180	119	103	3	6	1	11		
13	Grand Traverse.....			3		1		3	1	3	5	4		331	2	3	2	1	1	2	1	1	1	1	3		
13	Hillsdale.....			1		1		5		1	6	6		341	1	1				2	1	1	1	2	3		
2	Houghton.....					1		11	2	1	7	19		91	2	3	2	2	1	2	1	1	1	1	2		
27	Ingham.....			2		1		82	1	7	15	16		1,376	30	45	40	28	14	2	3	3	4	5	1		
230	Ipswich.....			9		1		62	1	8	65	166		1,372	5	9	4	9	9	14	9	5	4	5	1		
36	Louis.....					1		1	1	1	18	16		1,372	5	9	4	9	9	14	9	5	4	5	1		
75	Jackson.....					3		22	3	11	29	32		1,190	5	11	12	7	8	11	3	5	4	3	2		

18	Kalamazoo.....	1	11	6	210	2	4	21	17	35	1	3	2	20	5	3	1									
226	Kent.....	32	106	87	3,598	21	20	1	2	2	1	17	21	20	6	19	16									
28	Lenawee.....	3	24	1	772	1	1	2	2	2	1	2	4	2	4	3	5									
3	Luce.....	1	1	1	148	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....									
1	Mackinac.....	1	1	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....									
150	Manistee.....	1	44	105	1,762	16	11	7	14	9	13	9	12	15	17	13	13									
263	Marquette.....	56	114	85	10,429	25	24	19	23	32	18	14	22	18	16	17	31									
45	Mason.....	5	11	29	644	2	3	2	4	1	1	2	7	11	2	3	4									
1	Mecosta.....	1	.....	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....									
2	Monroe.....	1	1	1	60	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....									
30	Muskegon.....	6	11	17	287	13	.....	6	3	2	1	2	1	.....	.....	.....	.....									
387	Oakland.....	3	15	118	799	27	22	32	29	28	30	29	34	29	40	45	38									
89	Ontonagon.....	4	34	49	754	4	12	12	6	8	6	4	.....	.....	.....	.....	.....									
1	Oceola.....	4	1	.....	35	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....									
1	Oshtego.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....									
84	Ottawa.....	9	33	42	951	2	1	3	3	3	5	7	20	6	5	10	12									
57	Presque Isle.....	21	32	2	1,438	12	7	2	.....	6	3	4	7	1	4	5	6									
6	Roscommon.....	1	2	3	286	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....									
2	Saginaw.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....									
385	St. Clair.....	14	59	322	840	13	19	49	21	39	25	40	63	32	18	16	16									
72	St. Joseph.....	2	28	42	626	9	3	13	7	6	3	4	6	4	4	6	8									
89	Schoolcraft.....	4	20	65	649	7	5	4	1	3	6	13	9	6	11	20	12									
3	Van Buren.....	2	646	602	17,337	177	99	114	133	132	103	123	110	108	89	49	90									
1,329	Wayne.....	6	21	5	27	23	30	4	508	18	63	63	.....	.....	.....	.....	.....									
12	Westford.....	1	3	7	441	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....									
6,337	Totals.....	3	7	159	8	209	205	40	8	2,761	59	455	2,965	82,663	695	553	671	563	632	495	626	477	370	348	326	395



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# COAL MINE INSPECTION

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## COAL MINE INSPECTION.

OFFICE OF STATE COAL MINE INSPECTOR,  
*Flint, Mich., Dec. 1, 1917.*

Honorable Richard H. Fletcher, Commissioner of Labor, Lansing, Mich.:

DEAR SIR:—I submit herewith my annual report for the year ending November 30, 1917.

For the greater part of the year just closed there were in operation in the State of Michigan twenty-three coal mines situated in the counties of Bay, Calhoun, Eaton, Genesee, Saginaw, Shiawassee and Tuscola.

The abnormal conditions under which the coal mines operated in some states during 1917 were reflected in the unprecedented tonnage produced in Michigan.

For the fiscal year ending December 30th, 1917, a total of 1,393,280 tons of coal was produced in Michigan. The number of tons of coal produced in Michigan in 1916 was 1,076,215, showing an increase of 317,065 tons of coal mined in Michigan over the previous year. Probably no year in the history of the coal mine industry in the State of Michigan showed greater progress than in 1917. This progress was undoubtedly stimulated by the war.

The conservation of human life in the coal mines of the State is of paramount importance and is being considered by the legislative labor organizations and the individual employes. Every fatal accident leaves its impression on the community in the loss of a useful citizen and the provider for a family, with the result that many widows and orphans are rendered public charges for which taxpayers must contribute support. The sufferings and privations borne by many of the dependents can not be measured by words nor compensated by money equivalent.

Here is an industry employing 2,000 men, of whom two out of every 1,000 are killed each year, at least 100 per 1,000 are injured to the extent that time is lost and in most cases medical attendance required. From the point of view of the humanitarian no greater good for the industry can be accomplished than a reduction of the number of accidents which happen yearly. Experience is showing that accidents may be reduced in number, although they cannot be eliminated entirely.

During the year of 1917 a total of 352 accidents was reported of which five proved to be fatal, 47 serious, 107 severe and 194 slight. It is regrettable that the number of accidents accounted for in this period is greater than the previous year.

I am submitting herewith the conditions found in each mine and the report of coal mine inspection in accordance with Act No. 177 of the Public Acts of 1913,

## BAY COUNTY.

**ROBERT GAGE COAL CO., No. 6.**—Charles Coryell, Manager; Mine Foreman, H. Lewis; Chairman Mine Committee, B. Shickels. All weights, measures and scales were found correct. One weighman employed by the company and one employed by the men. Both of these weighmen had taken the oath of office. I found that the date of the last survey as indicated by mine map was made in July, 1917. The abandoned workings are properly safeguarded. The amount of air entering intake per minute was found to be 25,000 cubic feet. This air is properly distributed through the mine. This mine does not generate gas. Every precaution is taken to safeguard employes. The ventilating doors are properly constructed and hung. The breakthroughs are of proper width and the right distance apart. Permission not given to use curtains. Lubricating oil is guarded from fire. All roads and drains are kept free from accumulated waste. Electric wiring is properly strung and safe guarded. The exhaust from engine is carried off properly. There are six fire extinguishers in the mine and are of easy access in case of fire. The boiler and engine room are properly constructed. A wash-room is provided and properly outfitted. There is sufficient means of egress with stairs for escape shafts. A speaking tube is installed and the cage is properly constructed and covered, the safety clutches are approved and safety gates provided. A daily record is kept of the conditions of machinery used for hoisting purposes. The law governing the hoisting and lowering of men is strictly followed. Exit sign cards are properly posted. All escape ways are free from foul air, ice and obstructions. Proper lights are used at top and opening of shaft. The stables are properly located and constructed. Places of refuge are provided and kept free of obstructions. A code of signals is posted in plain view of engineer and in other places as designated by law. Stretchers, blankets and bandages are provided. Timber is provided and props used are sufficient for safety. General condition of this mine is fair.

**ROBERT GAGE COAL CO., No. 7.**—Charles Coryell, Manager; Mine Foreman, John Campbell. I inspected this mine September 11th and found it in first class condition. Amount of cubic feet of air entering intake per minute is 22,500, which is equally distributed throughout the mine. This mine does not generate gas. Every possible precaution is taken to safeguard the health and safety of the employes, ventilating doors being properly constructed and hung, the breakthroughs are of proper width and right distance apart. Permission was not given to use curtains. All roads and drains are kept free from accumulated waste, the electric wiring is properly strung and safeguarded. The exhaust from engine is properly carried off. In this mine six extinguishers are kept in easy access in case of fire. The boiler and engine room are constructed properly; all the requirements are strictly followed.

**BEAVER COAL CO.**—Charles Coryell, Manager; Mine Foreman, Frank Heath. This mine was inspected on September 14, and found 28,000 cubic feet of air entering intake per minute, the air was found not properly distributed in all places. General conditions were found fair, gas not generated in this mine. Proper precautions are taken to safeguard employes, ventilating doors are properly constructed and hung, break-



throughs are of proper width and right distance apart. Oil used is up to the standard, lubricating oil is guarded from fire. All roads and drains are kept free from accumulated waste, electric wiring is properly strung and safeguarded. Exhaust from engine is properly carried off, six fire extinguishers within easy access are installed. Boiler and engine rooms are properly constructed, wash room properly outfitted is provided. There are sufficient means of egress for all men employed with stairs furnished for escape shaft. A speaking tube is provided, cage properly covered and constructed, the safety clutch is approved and safety gates installed. A daily record is kept of conditions of machinery used for hoisting purposes. The law governing the hoisting and lowering of men is obeyed. Exit sign boards are properly posted. Escape ways are free from foul air, ice and obstructions. Proper lights are used at top and opening of shaft. Places of refuge are provided and kept free of obstructions. A code of signals is posted in plain view of engineer and also in other places as designated by law.

**WOLVERINE MINE No. 2.**—R. M. Randall, Manager, Mine Foreman, Alex McElwain. This mine was inspected September 7th, fair conditions were found to exist. One weighman is employed by the company and one by the employes, both having taken the oath of office. The last survey of this mine as shown by mine map was August, 1917. The abandoned workings are properly guarded. The amount of air entering intake is 36,500 cubic feet per minute, which is equally distributed through the mine. This mine does not generate gas. All necessary precautions are taken to safeguard the life and health of the employes. The ventilating doors are properly constructed and hung. The break-throughs are all of proper width and right distance apart. Permission was not granted for the use of curtains. All roads and drains are kept free from accumulated waste. The electric wiring is properly strung and safeguarded. The exhaust from the engine is properly carried off. Number of fire extinguishers, six, and so placed as to make them easy of access in case of fire. The boiler and engine room are properly constructed. Washroom is provided for the men with a proper equipment thereto. There is sufficient means of egress for the men employed with stairs to escape shaft, a speaking tube is installed and cage is properly constructed and covered, safety clutches and safety gates are provided. A daily record is kept of the condition of machinery used for hoisting purposes. The law providing for the hoisting and lowering of men into and out of the mine is obeyed. Exit sign boards are properly posted. All escape ways are free from foul air, ice and obstructions. At top and opening of shaft proper lights are installed, places of refuge are provided and kept free from obstructions. The signal code is posted in plain view of engineer and in other places as designated by law. Stretchers, blankets and bandages are provided. Timber is provided and props used are sufficient for safety.

**SUN COAL MINE Co.**—O. S. Gallagher, Manager. This mine was inspected October 9th. The Company employed a weighman who qualified by taking oath of office. The abandoned workings are properly guarded; 15,000 cubic feet of air enters intake per minute which is properly distributed through the mine. Proper precautions are taken to protect the

employees, i. e., ventilating doors are properly constructed and hung, breakthroughs are of proper width and right distance apart. Permission to use curtains not granted, roads and drains are kept free from accumulated waste, electric wiring properly strung and safeguarded. Exhaust from engines properly carried off, sufficient means of egress escape shaft having stairs, speaking tube is provided, cage properly covered and constructed, safety clutches approved, safety gates provided. A daily record is kept of the conditions of machinery used for hoisting purposes and the provision of the law governing the hoisting and lowering the men out of the mine is obeyed. Exit signboards are properly posted. Escape ways are free from foul air, ice and obstructions, proper lights are used at top and opening of shaft, places of refuge are provided and kept free of obstructions. The signal code is posted in plain view of engineer and in other places designated by law. Stretchers, blankets and bandages are provided. Timber is provided and sufficient props are used for safety. The general condition of this mine is fair.

## SAGINAW COUNTY.

ROBERT GAGE COAL CO., No. 2.—Charles Coryell, Manager, Mine Foreman, S. W. Rockwell. This mine is located in Saginaw County. I made this inspection on August 7th and found conditions as follows. The number of weighmen employed by the company was two, one employed by the company and one by the employees; these weighmen qualified by taking the oath of office. The last survey made of this mine as indicated by the mine map was July, 1917. There was 39,000 cubic feet of air entering the intake per minute, which was not properly distributed. I issued an order which will remedy the trouble. This mine does not generate gas, all necessary precautions are being taken to safeguard the employes. The ventilating doors are properly constructed and hung, the breakthroughs are of proper width and right distance apart. Permission to use curtains was not given. Lubricating oil is guarded from fire. All roads and drains are kept free from accumulated waste, electric wiring is properly strung and safe guarded. There are six fire extinguishers in this mine and they are kept in easy access. The boiler and engine room are properly constructed. The operator provides a wash room for the men, which is properly equipped. There is sufficient means of egress for all men employed, the escape shaft having a stairway; a speaking tube is installed and the cage is properly constructed and covered, safety clutches have been approved and safety gates provided. A daily record is kept of condition of the machinery used for hoisting purposes, while the provision of the law as to hoisting and lowering men is strictly obeyed. Exit signboards are properly posted. The escape ways are free from foul air, ice and other obstructions. Good and sufficient light is installed at the top and opening of the shaft. Places of refuge are provided and kept free from obstruction. A code of signals is posted in plain view of the engineer and in all other places which is designated by law. Stretchers, blankets and bandages are provided. Timber is provided and the props used are sufficient for safety. The general conditions are fair.

BANNER COAL COMPANY,—Manager, William B. Carmichael. I inspect-

ed this mine on October 4th. The company and employes retain the services of one weighman each, both are qualified, having taken the oath of office. Last date of survey as indicated by map of mine was April, 1917. All abandoned workings are properly safeguarded. On this date there was 20,800 cubic feet of air per minute going in at the inlet, this is properly distributed through the mine. Proper precautions are taken to safeguard the employes. Ventilating doors being properly constructed and hung, and breakthroughs are of proper width and right distance apart. Lubricating oil is guarded from fire, all roads and drains are kept free from accumulated waste, electric wiring is properly strung. Six fire extinguishers are kept in this mine and placed in such position that they are of easy access in case of fire. The boiler and engine rooms are constructed according to law. The owners furnish and have equipped a wash room for the employes. There is sufficient means of egress for all employed. Escape shaft is equipped with stairway. A speaking tube is provided, cages properly covered and constructed, safety clutches approved and safety gates installed. A daily record is kept of conditions of machinery used for hoisting purposes. In hoisting and lowering men the provisions of the law are obeyed. Exit signboards are properly posted. All escape ways are free from foul air, ice and other obstructions. Proper lights are used at top and opening of shaft. A place of refuge is provided and kept free from obstructions. Signal code is posted in plain view of engineer and in other places designated by law. Stretchers, blankets and bandages are provided. Timber is provided and props used are sufficient for safety. The general condition of this mine is fair.

BLISS COAL MINING CO.—C. E. Linton, Manager. Number weighmen employed by company one, by employes one. Weighmen have qualified by taking oath of office. Last survey made as indicated by map of mine September, 1907. All abandoned workings are safeguarded. Cubic feet of air entering intake per minute 42,000, which is properly distributed throughout the mine. This mine does not generate gas. All precautions are taken to safeguard employes. The ventilating doors are properly constructed and hung. The breakthroughs are of proper width and right distance apart. Permission not given for use of curtains. Lubricating oil is guarded from fire. Roads and drains are kept free from accumulated waste. Electric wiring is properly strung and safeguarded. Gasoline engines not used, exhaust from engines is properly carried off. The number of fire extinguishers are six and are in easy access in case of fire. The boiler and engine room is properly constructed. The operator furnishes wash room for men, which is properly equipped. There is sufficient means of egress for all men employed, escape shaft has stairway. A speaking tube is installed, cage is properly covered and constructed, safety clutches approved and safety gates provided. A daily record is kept of the condition of machinery used for hoisting purposes. In hoisting and lowering men the provisions of the law are obeyed. Exit signboards are properly posted. Escape ways are free from foul air, ice and other obstructions. Proper lights are used at top and opening of shaft. Places of refuge are provided and are kept free from obstructions. Signal code is posted in plain view of engineer, and in other places designated by law. Stretchers, blankets and band-

ages are provided. Timber is provided and props are sufficient for safety. General condition of mine is fair.

CALEDONIA COAL Co.—Charles Coryell, Manager. All weights, measures and scales are correct. The company employs one weighman who has qualified by taking the oath of office. The last survey was made in April, 1917, all abandoned workings are properly guarded. Cubic feet of air entering intake per minute 18,000, which is properly distributed through the mine. This mine does not generate gas. All necessary precautions are taken to make the mine safe for the men working therein. The ventilating doors are properly constructed and hung. Breakthroughs are of proper width and right distance apart. Lubricating oil is guarded from fire. All roads and drains kept free from accumulated waste. The electric wiring properly strung and safeguarded. Exhaust from engine is properly carried off. The number of fire extinguishers installed are in easy access in case of fire. The boiler and engine room are properly constructed. Operator has been provided a wash room and properly equipped same for the men. There is sufficient means of egress for the men employed, escape shafts have stairway. A speaking tube is installed and cages are properly covered and constructed, safety clutches are approved and safety gates are provided. A daily record is kept of the condition of machinery used for hoisting purposes. In hoisting and lowering of men the provisions of the law are obeyed. Exit signboards are properly posted. All escape ways are free of foul air, ice and other obstructions. Proper lights are used at top and opening of shaft. Places of refuge, kept free from all obstructions are provided. A signal code is posted in plain view of engines and in other places as designated by law. Stretchers, blankets and bandages are provided. Timber is supplied and props used are sufficient for safety. The general condition of this mine was fair. Inspection made on October 3d, 1917.

CHAPPEL & FORDNEY MINE No. 2.—R. M. Randall, Manager. Inspection of this mine was made October 5, 1917; there are two weighmen employed, one by the company and one by the employes, they qualified by taking the oath of office. The last survey made of the mine was in July, 1917; number cubic feet of air entering intake per minute is 19,000 cubic feet, which was found to be equally distributed throughout the mine. The abandoned workings and lubricating oil are properly safeguarded. The ventilating doors are properly constructed and hung, breakthroughs are of proper width, and right distance apart. Permission not given for the use of curtains. Roads and drains are kept free from accumulated waste. Electric wiring is properly strung and safeguarded. Exhaust from engine is properly carried off. The number of fire extinguishers in mine is six, placed in easy access in case of fire. Boiler and engine rooms are properly constructed. Operators provide proper equipped wash room for the men. There is sufficient means of egress for men employed and escape shaft provided with stairway. A speaking tube is installed and the cages are properly covered and constructed, safety clutches are approved and safety gates provided. This mine keeps a daily record of the condition of machinery used for hoisting purposes, and the provisions of the law as to hoisting and lowering men

are obeyed. Exit sign boards are properly posted. All escape ways are free from foul air, ice and obstruction. The shaft is properly lighted at the top and opening. Places of refuge are provided and kept free from obstructions. A signal code is posted in plain view of engineer and in other places designated by law. Stretchers, blankets and bandages are provided. Timber is provided and props are sufficient for safety. General condition of the mine is fair.

PERE MARQUETTE COAL CO., No. 3.—R. M. Randall, Manager. One weighman was employed by the company on the date of inspection which was July 25, 1917. He had qualified by taking the oath of office. The last survey made of this mine as shown by the mine map was June 1, 1917. There are 22,000 cubic feet of air at the intake per minute, properly distributed throughout the mine. All necessary precautions are taken to safeguard the lives and health of the men employed. The ventilating doors are properly constructed and hung. The breakthroughs are of proper width and right distance apart. Lubricating oil is guarded from fire. Roads and drains are kept free from accumulated waste. Electric wiring is properly strung and safeguarded. Exhaust from engine is properly carried off. The number of fire extinguishers in this mine is six, they are placed in such a position as to be in easy access in case of fire. Boiler and engine rooms are properly constructed. Operator provides properly equipped wash rooms for the men. There is sufficient means of egress for men employed, escape shaft having a stairway. Speaking tube is installed, cage is properly covered and constructed, safety clutches are approved and safety gates provided. A daily record is kept of the condition of machinery used for hoisting purposes. The manner of hoisting and lowering men as provided by law is obeyed. Exit signboards properly posted. Escape ways are free from foul air, ice and other obstructions. Shafts have proper lights at top and opening. Places of refuge are provided and kept free from obstructions. A code of signals is posted in plain view of the engineer and in other places designated by law. Stretchers, blankets and bandages are provided. Timber is provided and props used are sufficient for safety. The general conditions of this mine are good.

SHIAWASSEE COAL CO., No. 1.—R. M. Randall, Manager. Inspection made October 11, 1917. Number weighmen employed by the company one, and by the men one, they qualified by taking the oath of office. The date of last survey as shown by the map of the mine was July, 1917. All abandoned workings are safeguarded. Number cubic feet of air entering intake is 36,000 per minute, which is not properly distributed throughout the mine. Mine does not generate gas. The necessary precautions taken to safeguard employes. Ventilating doors are properly constructed and hung, breakthroughs are of proper width and right distance apart. Lubricating oil is guarded from fire. All roads and drains are kept free from accumulated waste. Electric wiring properly strung and safeguarded. Exhaust from engines properly carried off. The number of fire extinguishers in this mine are six, and so placed as to be in easy access in case of fire. The boiler and engine room is properly constructed. There are properly equipped wash rooms for men. Sufficient means of egress is provided and escape shaft has stairs. A

speaking tube is installed, cage properly covered and constructed, safety clutches approved and safety gates provided. A daily record is kept of conditions of machinery used for hoisting purposes and in hoisting and lowering men the law is obeyed. All exit signboards are properly posted. Escape ways are free of foul air, ice and other obstructions. Proper lights are used at top and opening of shaft. Places of refuge are provided and kept free from obstructions. A code of signals is posted in plain view of engineer and in other places designated by law. Stretchers, blankets and bandages are provided. Timber is provided and props used are sufficient for safety. The general condition of this mine is fair.

#### TUSCOLA COUNTY.

AKRON MINE No. 2.—Charles Handy, Manager. This mine was inspected September 20, 1917. The company employed one weighman and the employes one, both of whom have qualified by taking the oath of office. A survey was made of this mine in September, 1917, as shown by the mine map. All abandoned workings are properly safeguarded. 32,750 cubic feet of air enters the intake per minute, which is not properly distributed throughout the mine. All precautions are taken to safeguard the employes. Ventilating doors are properly constructed and hung. The breakthroughs are of proper width and right distance apart. Lubricating oil guarded from fire. All roads and drains are kept free from accumulated waste. The electric wiring is properly strung and safeguarded. Exhaust from engine is properly carried off. The number of fire extinguishers in the mine is six, and are placed in easy access in case of fire. Boiler and engine rooms are properly constructed. Operators furnish a wash room for the men. There is sufficient means of egress for men employed. The escape shaft is equipped with stairway. A speaking tube is provided, cage properly covered, constructed; safety clutches approved and safety gates provided. A daily record is kept of the conditions of the machinery used for hoisting purposes. The provisions for hoisting and lowering of men as provided by law are obeyed. Exit signboards are properly posted. All escapeways are free from foul air, ice and obstructions. A proper light is used at top and opening of shaft. Places of refuge are provided and kept free from obstructions. The signal code is posted in plain view of the engineer and other places as prescribed by law. Stretchers, blankets and bandages are provided. Timber is provided and props used are sufficient for safety. The general conditions of the mine are fair.

#### CALHOUN COUNTY.

B. S. K. COAL MINING Co., at Albion, is the only mine developed in this county. W. A. Knapp is Manager. The engines, boiler, cages, safety clutches, hoisting cables, scales, traveling ways, escape shaft and stairway in shaft are all in good condition.

#### GENESEE COUNTY.

WHAT CHEER MINE No. 2.—Manager A. N. Fancher. This is a new shaft near the City of Flint. A coal vein of good quality has been struck. All precautions are being taken to safeguard the employes.

## SHIAWASSEE COUNTY.

SUPERIOR COAL Co., No. 1.—Manager, W. E. Evans. All weights, measures and scales are correct. The company and the employes each employ one weighman, both of whom are qualified. This mine was inspected on January 18, 1917, and the last survey was made, as shown by the mine map in January, 1917. General conditions of this mine are fair.

I have in every way tried to promote the health and safety of the employes of the mines while in the performance of my official duties. The operators, superintendents and others in charge of the several mines have treated me courteously, for which I sincerely thank them. The short time I have been connected with the Department has been most pleasant, and I sincerely hope great good has been accomplished.

Very respectfully yours,

DUNCAN REID,  
Coal Mine Inspector.

## MICHIGAN COAL MINES.

*Counties where located, names of managers and postoffice addresses.*

Name of mine.	County where located.	Name of manager.	Address.
1. Robert Gage Coal Co., No. 6	Bay	Chas. Coryell	Bay City.
2. Robert Gage Coal Co., No. 7	Bay	Chas. Coryell	Bay City.
3. Beaver Coal Co.	Bay	Chas. Coryell	Bay City.
4. Wolverine Mine, No. 2	Bay	R. M. Randall	Saginaw.
5. Wolverine Mine, No. 3	Bay	R. M. Randall	Saginaw.
6. What Cheer Mine, No. 1	Bay	A. N. Fancher	Bay City.
7. Sun Coal Co.	Bay	O. L. Callahan	Bay City.
8. B. S. K. Coal Mining Co.	Calhoun	W. A. Knapp	Albion.
9. American Sewer Pipe Co.	Eaton	C. H. Earl	Grand Ledge.
10. New Riverside Coal Co.	Eaton	Homer O. Pickens	Grand Ledge.
11. What Cheer Mine, No. 2	Genesee	A. N. Fancher	Bay City.
12. Robert Gage Coal Co., No. 2	Saginaw	Chas. Coryell	Bay City.
13. Robert Gage Coal Co., No. 3	Saginaw	Chas. Coryell	Bay City.
14. Robert Gage Coal Co., No. 8	Saginaw	Chas. Coryell	Bay City.
15. Banner Coal Co.	Saginaw	Wm. B. Carmichael	Saginaw.
16. Bliss Coal Mining Co.	Saginaw	C. E. Linton	Saginaw.
17. Consolidated Coal Co.	Saginaw	R. M. Randall	Saginaw.
18. Pere Marquette, No. 3	Saginaw	R. M. Randall	Saginaw.
19. Chappel & Fordney, No. 2	Saginaw	R. M. Randall	Saginaw.
20. Caledonia Coal Co.	Saginaw	Chas. Coryell	Bay City.
21. Corunna Coal Mining Co.	Shiawassee	Julius Amalka	Corunna.
22. Superior Coal Co.	Shiawassee	J. E. Evans	Corunna.
23. Akron Mine, No. 2	Tuscola	Chas. Handy	Bay City.

## COAL MINE ACCIDENTS.

*Nature of accidents occurring in the coal mines of Michigan—1917.*

Name of mine.	County where located.	Number accidents.	Fatal.	Serious.	Severe.	Slight.
Robert Gage Coal Co., No. 6	Bay	52		10	20	22
Robert Gage Coal Co., No. 7	Bay	51		6	10	35
Beaver Coal Co.	Bay	54		2	14	38
Sun Coal Mining Co.	Bay	2				2
What Cheer Mine, No. 1	Bay	6	1	2	2	1
Wolverine Mine, No. 2	Bay	27		3	8	16
Wolverine Mine, No. 3	Bay	7			4	3
What Cheer Mine, No. 2	Genesee	15		2	3	10
Banner Coal Co.	Saginaw	4		2		2
Bliss Coal Mining Co.	Saginaw	14	1		4	9
Chappel & Fordney, No. 2	Saginaw	3		1	1	1
Robert Gage Coal Co., No. 2	Saginaw	69		6	28	35
Robert Gage Coal Co., No. 3	Saginaw	6		2	1	3
Robert Gage Coal Co., No. 8	Saginaw	11	1	6	4	
Pere Marquette Mine, No. 3	Saginaw	9		2	3	4
Riverside Coal Co., No. 2	Saginaw	2	1			1
Shiawassee Coal Co.	Saginaw	16		3	5	8
Uncle Henry Coal Co., No. 2	Saginaw	3				3
Akron Mine, No. 2	Tuscola	1				1
Total accidents occurring		352	4	47	107	194



Consolidated monthly report of Michigan coal mines for the year.

DECEMBER.

Name of county.	Number mines operating.	Number men employed.	Average hours worked per day.	Average days worked per month.	Average daily wages.	Aggregate daily wages.	Number gallons illuminating oil used.	Number mines using powder.	Number kegs of powder used.	Number tons of picked coal mined.	Number tons of machine coal mined.	Total cost of output.	Average cost per ton.
Bay.....	6	981	7.6	24.5	\$3 77	\$90,662 28	34	6	969	10,369	56,766	\$130,391 72	\$1 79
Calhoun.....	6	3 00	8	20	3 00	360 00	.....	.....	.....	.....	.....	900 00	2 66
Eaton.....	3	2 50	8	26	2 50	195 00	.....	.....	.....	.....	.....	58 00	2 00
Saginaw.....	777	8	24	24	4 06	75,280 42	5	6	524	2,165	57,724	106,283 50	1 78
Tuscola.....	135	8	24	24	3 27	10,584 80	.....	1	57	1,173	4,683	11,145 40	1 90
Totals.....	16	1,902	7.7	24.2	\$3 85	\$177,062 50	39	13	1,550	14,086	119,183	\$248,788 62	\$1 87

JANUARY.

Bay.....	985	7.9	25	\$3 74	\$95,395 23	37	6	912	10,662	58,940	\$136,515 09	\$1 96	
Eaton.....	5	8	26	2 20	286 00	.....	.....	.....	.....	.....	.....	286 00	2 46
Saginaw.....	801	7.9	24.9	4 08	82,123 57	7	7	689	6,181	58,438	116,034 57	1 79	
Tuscola.....	175	8	26	3 27	14,878 50	.....	1	77	1,479	5,915	14,048 60	1 90	
Totals.....	15	1,976	7.9	25.6	\$3 81	\$192,683 30	44	14	1,688	18,488	123,264	\$266,884 26	\$1 88

FEBRUARY.

Bay.....	1,001	7.9	20.8	\$3 61	\$75,274 54	67	6	773	9,029	45,874	\$108,242 98	\$1 97	
Calhoun.....	20	7	20	3 00	1,200 00	.....	.....	.....	.....	.....	.....	568 00	2 00
Eaton.....	5	7	19.6	2 61	260 40	.....	.....	.....	.....	.....	.....	319 44	2 59
Saginaw.....	799	7.9	21.4	4 10	71,351 60	3	7	586	4,604	48,253	99,388 51	1 88	
Tuscola.....	175	8	20	3 25	11,375 00	.....	1	59	1,126	4,502	10,805 76	1 92	
Totals.....	17	2,000	7.9	20.9	\$3 81	\$159,461 54	70	14	1,418	15,166	98,629	\$219,324 69	\$1 93

DEPARTMENT OF LABOR.

Consolidated monthly reports of Michigan coal mines for the year.—Continued.

MARCHEL.

Number mines operating.	Name of county.	Number men employed.	Average hours worked per day.	Average days worked per month.	Average daily wages.	Aggregate daily wages.	Number gallons illuminating oil used.	Number mines using powder.	Number kegs of powder used.	Number tons of picked coal mined.	Number tons of machine coal mined.	Total cost of output.	Average cost per ton.
6	Bay.....	982	7.8	26.2	\$3.79	\$100,819.97	95	6	994	11,259	58,955	\$144,846.35	\$2.06
1	Calhoun.....	23	7.8	20.8	3.00	1,380.00	.....	.....	.....	1,416.00	.....	1,416.00	2.00
2	Easton.....	4	7.5	23.5	2.35	215.80	.....	.....	.....	104	.....	240.00	2.31
7	Saginaw.....	770	7.9	25.2	4.34	84,463.80	4	7	583	6,242	56,176	96,480.10	1.55
1	Tuscola.....	175	8	22	3.25	12,512.50	.....	1	56	1,162	4,648	11,153.20	1.92
17	Totals.....	1,954	7.8	25.4	\$4.01	\$199,092.87	99	14	1,643	19,475	119,779	\$254,117.68	\$1.82

APRIL.

6	Bay.....	954	7.8	19.8	\$4.02	\$76,609.62	17	6	688	8,805	40,657	\$109,919.81	\$2.23
1	Calhoun.....	11	8	8	3.00	264.00	.....	.....	.....	487	.....	874.00	2.00
2	Easton.....	3	7	21.6	1.93	125.00	.....	.....	.....	55	.....	135.00	2.45
7	Saginaw.....	724	7.9	20.1	4.46	68,708.34	3	7	461	4,554	43,281	97,499.50	2.04
1	Tuscola.....	165	8	15	3.27	8,093.25	.....	1	33	663	2,652	8,022.30	2.42
17	Totals.....	1,857	7.8	19.4	\$4.27	\$153,800.21	20	14	1,182	14,564	86,590	\$216,460.61	\$2.14

MAY.

6	Bay.....	842	8	22.6	\$4.45	\$84,749.01	40	6	800	10,041	47,569	\$130,916.49	\$2.27
1	Calhoun.....	24	7	16	3.00	1,052.00	.....	.....	.....	901	.....	3,589.00	3.98
1	Easton.....	1	7	26	2.50	65.00	.....	.....	.....	29	.....	65.00	2.24
6	Saginaw.....	714	8	23.4	4.45	74,403.08	.....	6	432	3,730	48,107	104,922.47	2.02
1	Tuscola.....	150	8	20	3.50	10,500.00	.....	1	52	941	3,765	11,435.58	2.43
15	Totals.....	1,731	7.9	22.5	\$4.39	\$170,769.09	40	13	1,284	15,642	99,441	\$250,628.54	\$2.46

THIRTY-FIFTH ANNUAL REPORT.

JUNE.

6	Bay	967	8	21.8	\$4 06	\$85,627 36	51	6	773	6,415	40,966	\$126,053 02	\$2 86
1	Calhoun	27	7	20	3 00	1,620 00				979		3,894 00	3 10
1	Eaton	1	24	24	3 50	84 00				25		55 00	2 20
6	Saginaw	712	8	18.6	4 44	62,284 38	6	6	364	2,442	36,711	91,611 87	2 54
1	Tuscola	135	8	20	3 95	12,665 00				941	3,765	13,765 00	2 50
15	Totals	1,842	7.9	20.7	\$4 25	\$162,260 74	57	12	1,127	10,802	81,432	\$235,378 99	\$2 55

JULY.

6	Bay	957	8	21.7	\$4 23	\$87,538 95	52	6	700	8,597	44,272	\$124,774 59	\$2 36
1	Calhoun	26	7	18	3 00	1,404 00				864		4,475 00	5 18
1	Eaton	1	7	20	3 00	60 00				16		35 00	2 19
9	Saginaw	763	8	22.5	4 41	76,785 80	4	7	508	2,610	43,078	112,252 77	2 46
1	Tuscola	140	8	20	3 98	11,144 00		1	50	967	3,870	13,467 60	2 48
18	Totals	1,892	7.9	21.8	\$4 30	\$176,932 75	56	14	1,256	13,054	91,220	\$255,004 96	\$2 45

AUGUST.

6	Bay	966	8	23.3	\$4 11	\$92,415 26	16	5	729	6,772	48,808	\$127,203 07	\$2 25
1	Calhoun	24	6	20	3 00	144 00				1,670		5,336 00	3 20
1	Eaton	1	7	20	2 50	50 00				17		43 00	2 53
9	Saginaw	808	8	21.7	4 68	82,036 91	4	9	582	6,468	43,004	116,667 01	2 36
1	Tuscola	135	8	22	3 27	9,710 90		1	51	988	3,950	12,345 00	2 50
18	Totals	1,934	7.9	22.5	\$4 24	\$184,357 07	20	15	1,362	15,915	95,762	\$261,594 06	\$2 34

SEPTEMBER.

7	Bay	943	7.9	21.2	\$4 39	\$88,742 42	9	7	691	7,520	42,584	\$121,041 73	\$2 22
1	Calhoun	24	6	20	3 00	1,440 00				1,718		6,327 00	3 48
1	Eaton	1	7	26	3 00	78 00				33		70 00	3 12
1	Genesee	75	8	25	3 95	7,408 25				923		630 00	2 50
9	Saginaw	820	7.8	20.6	4 41	75,274 58	3	9	564	7,114	35,334	99,374 68	2 31
1	Tuscola	135	8	19	4 00	10,260 00		1	48	868	3,473	10,785 68	2 45
20	Totals	1,998	7.8	20.9	\$4 39	\$183,292 25	12	18	1,268	18,078	81,391	\$238,229 06	\$2 40

Consolidated monthly report of Michigan coal mines for the year.—Concluded.

OCTOBER.

Name of county.	Number mines operating.	Number men employed.	Average hours worked per day.	Average days worked per month.	Average daily wages.	Aggregate daily wages.	Number gallons illuminating oil used.	Number mines using powder.	Number kegs of powder used.	Number tons of picked coal mined.	Number tons of machine coal mined.	Total cost of output.	Average cost per ton.
Bay.....	7	899	7.8	24.2	\$5 03	\$109,516 22	12	7	859	8,432	51,363	\$150,972 16	\$2 52
Calhoun.....	1	18	7	20	5 00	1,800 00	.....	.....	.....	890	.....	2,700 00	3 18
Eaton.....	1	62	7	23	4 00	200 00	.....	.....	.....	67	.....	1,800 00	2 69
Genesee.....	1	65	6	23	4 93	320 45	10	1	25	9,310	1,854	5,569 08	2 00
Saginaw.....	9	899	7.7	24	4 73	98,002 85	4	9	634	41,490	41,490	149,308 08	2 04
Shiawassee.....	3	310	7.7	20.7	3 46	2,145 94	.....	3	160	614	.....	2,598 00	2 16
Tuscola.....	1	133	8	22	3 23	9,652 50	.....	1	49	1,293	5,168	16,152 50	2 50
Totals.....	23	2,018	7.8	23.9	\$4 61	\$222,237 96	26	21	1,727	20,566	99,881	\$327,487 74	\$2 72

NOVEMBER.

Bay.....	7	940	7.8	23.9	\$5 65	\$12,016 20	11	7	931	7,313	54,576	\$183,943 88	\$2 97
Calhoun.....	1	18	7	20	6 00	216 00	.....	.....	.....	900	.....	3,500 00	3 89
Eaton.....	2	5	7.4	21 6	3 18	343 50	.....	128	.....	128	.....	461 50	3 61
Genesee.....	1	65	8	25	5 00	8,125 00	.....	1	25	100	1,800	5,700 00	3 00
Saginaw.....	9	948	7.6	23	4 88	106,386 00	.....	9	640	6,992	42,136	161,323 75	3 28
Shiawassee.....	3	322	7.6	23.2	3 98	2,894 32	.....	2	181	727	.....	3,919 10	5 40
Tuscola.....	1	136	8	24	3 23	10,719 04	.....	1	48	1,200	5,010	15,400 80	2 48
Totals.....	23	2,144	7.7	23.5	\$4 97	\$250,690 06	11	20	1,825	17,360	103,522	\$374,249 03	\$3 10

THIRTY-FIFTH ANNUAL REPORT.

Consolidated yearly report.

Number mines operating.	Name of county.	Number men employed.	Average hours worked per day.	Average days worked per month.	Average daily wages.	Aggregate daily wages.	Number gallons illuminating oil used.	Number mines using powder.	Number kegs of powder used.	Number tons of picked coal mined.	Number tons of machine coal mined.	Total cost of output.	Average cost per ton.
16	December, 1916.	1,902	7.7	24.2	\$3 85	\$177,062 50	39	13	1,550	14,066	119,183	\$248,788 62	\$1 87
15	January, 1917.	1,976	7.9	25.6	3 81	192,683 30	44	14	1,688	18,438	123,294	266,864 26	1 88
17	February.	2,000	7.9	20.9	3 81	159,461 84	70	14	1,418	15,166	98,629	219,324 69	1 83
17	March.	1,954	7.8	25.4	4 01	199,092 87	99	14	1,643	19,475	119,779	254,117 68	1 83
17	April.	1,857	7.8	19.4	4 27	153,800 21	20	14	1,182	14,564	86,890	216,460 61	2 14
15	May.	1,731	7.9	22.5	4 39	170,769 09	40	13	1,264	15,642	99,441	250,628 54	2 49
15	June.	1,842	7.9	20.7	4 25	162,260 74	57	12	1,127	10,802	81,432	235,378 99	2 56
18	July.	1,892	7.9	21.8	4 30	176,932 75	56	14	1,256	13,054	91,250	255,004 96	2 45
18	August.	1,834	7.9	22.5	4 24	164,357 07	20	15	1,362	15,915	95,762	261,594 06	2 34
20	September.	1,968	7.8	20.9	4 39	183,202 25	12	18	1,298	18,078	81,391	238,229 06	2 40
15	October.	2,018	7.8	23.9	4 61	222,237 96	26	21	1,727	20,566	99,881	327,487 74	2 72
23	November.	2,144	7.7	23.5	4 97	250,690 06	11	20	1,825	17,360	103,522	374,249 03	3 10
	Aggregate.					\$2,232,550 34	494		17,360	193,156	1,200,124	\$3,148,148 26	
	Average.	1,938	7.8	22.6	\$4 25				1,447	15,347	100,011		\$2 27

## DEPARTMENT OF LABOR.

## SUMMARY FOR THE YEAR.

## Number of Mines in Operation During the Year.

Average number men employed .....	1,938
Average number hours worked per day .....	7.8
Average number days worked per month .....	22.6
Average daily earnings of each employe .....	\$4.25
Aggregate amount paid per month .....	\$2,232,550.34

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Total number gallons of oil used .....	494
Total number kegs of powder .....	17,360
Aggregate output of mines in tons, of picked coal .....	184,155
Aggregate output of mines in tons, machine coal .....	1,200,124
Total number tons of coal mined .....	1,384,279
Aggregate cost of output .....	\$3,148,148.26
Average cost of coal per ton .....	\$2.27

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# BOAT INSPECTION

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OFFICE OF STATE BOAT INSPECTOR.

*January 2, 1918.*

Hon. Richard H. Fletcher, Commissioner of Labor, Lansing, Mich.:

DEAR SIR:—I have pleasure in submitting herewith my yearly report as inspector of marine equipment on the inland waters of the State for the year 1917. Owing to the shortage of labor required to operate boats, such as masters, pilots and engineers, the shortage being caused by the attractive wages in munitions factories, to enlistments and drafts into the army, a perceptible falling off in the number of boats put in operation for the season of 1917 was caused, thereby causing a decline in the number of inspections made and certificates issued. The same thing holds true in the decrease of the number of licenses issued.

During the season there were issued 97 engineer and pilot licenses, two master and engineer licenses and four engineer licenses. There were inspected 87 passenger boats plying on the inland waters of the State. It gives the inspector great pleasure to inform you that each and every one of these boats operated for hire, complied strictly with the law governing such crafts. The owners and operators have come to a realization of the importance of the law under which these boats are operated and so seem pleased and willing to cooperate with the inspector in complying with orders issued, which makes for better and safer transportation on the inland waters of the State. To the thoughtless person this branch of the service perhaps would seem unimportant, but when one stops to consider that thousands of pleasure seekers are carried during the operating season and the opportunity presented for grave accidents, it is apparent that it is one of the most important services that can be rendered by the State.

Very respectfully,

JAMES McLARTY,  
State Boat Inspector.

## STEAMBOAT INSPECTION.

*Licenses issued during the year 1917.*

Address.	Name.	Occupation.	Name of vessel.	Fee.
Ann Arbor	Fred C. Goddard	Engineer and pilot	Maggie G.	\$5 00
Ann Arbor	William K. Bowen	Engineer and pilot	Leisure	5 00
Battle Creek	H. P. Hewitt	Engineer and pilot	Lady Isobel	5 00
Battle Creek	William R. Shafer	Engineer and pilot	Pearl	5 00
Battle Creek	John Wagner	Engineer and pilot	Detroit	5 00
Battle Creek	Guy F. Yauger	Engineer and pilot	Cayuga	5 00
Battle Creek	H. W. Yauger	Engineer and pilot	Cayuga	5 00
Battle Creek	J. S. Moore	Engineer and pilot	La Verdo	5 00
Bensonia	C. E. Case	Engineer and pilot	Bensonia	5 00
Berrien Springs	Clyde W. Rockey	Engineer and pilot	Laura May	5 00
Boula	A. E. Turpening	Engineer and pilot	Tramp	5 00
Boula	Rolland Struble	Engineer and pilot	Tramp	5 00
Boyne City	Roy J. Winsor	Engineer and pilot	Rapid Transit	5 00
Bradley	S. D. Hilborn	Engineer and pilot	Gull	5 00
Cadillac	Fred Branierd	Engineer and pilot	Speedwell	5 00
Cadillac	Wesley W. Foteh	Engineer and pilot	Y. M. C. A.	5 00
Cadillac	John A. Nelson	Engineer and pilot	W. G. Randles	5 00
Cadillac	C. B. Snow	Engineer and pilot	Westover	5 00
Caesopolis	W. H. Hutchins	Engineer and pilot	Robert H.	5 00
Coloma	H. B. Newton	Engineer and pilot	Reliance	5 00
Devils Lake	B. B. Comparat	Engineer and pilot	Damon	5 00
Dowagiac	W. E. Tuttle	Engineer and pilot	Fennitha L.	5 00
Doster	P. F. Boniface	Engineer and pilot	Mayflower	5 00
Doster	C. A. Merlan	Engineer and pilot	Crystal	5 00
Empire	John M. Ocker	Engineer and pilot	Emma Irene	5 00
Fenton	Ernest Fuller	Engineer and pilot	Redwing	5 00
Fenton	Charles C. Stewart	Engineer and pilot	City of Flint	5 00
Flint	L. W. Smith	Engineer and pilot	Belle	5 00
Flint	W. H. Smith	Engineer and pilot	Belle	5 00
Flint	F. H. Yokey	Engineer and pilot	Wauneta	5 00
Frankfort	D. H. Wright	Engineer and pilot	Badger	5 00
Frankfort	E. J. Parker	Engineer and pilot	Undine	5 00
Fremont	Rollo Martin	Engineer and pilot	Jessie M.	5 00
Fremont	E. C. Millard	Engineer and pilot	Idle Hour	5 00
Grand Rapids	Ernest Painter	Engineer and pilot	Major A. B. Watson	5 00
Grand Rapids	Charles Poisson	Master and engineer	Major A. B. Watson	5 00
Grand Rapids	Albert Ten Brock	Engineer	Hasel A.	5 00
Grand Rapids	George B. Zindel	Engineer and pilot	North Park	5 00
Grand Rapids	Floyd Lowe	Engineer and pilot	Dolphin	5 00
Grand Rapids	Forest Wright	Engineer and pilot	Winnie W.	5 00
Haslett	William A. Sprague	Engineer and pilot	Viola S.	5 00
Haslett	Charles H. Robeck	Engineer and pilot	Laurie S.	5 00
Hopkins	Martin Wise	Engineer and pilot	Maud	5 00
Houghton Lake	John Mayer	Engineer and pilot	Ray	5 00
Houghton Lake	Earl Robinson	Engineer and pilot	Ellen	5 00
Houghton Lake	R. N. Robinson	Engineer and pilot	Ellen	5 00
Houghton Lake	Charles Sanford	Engineer and pilot	Nipigon	5 00
Houghton Lake	F. C. Bettetyon	Engineer and pilot	Wetota	5 00
Houghton Lake	J. H. Ostrander	Engineer and pilot	Leona	5 00
Jackson	B. J. Akin	Engineer and pilot	Safety First	5 00
Jackson	E. D. Bailey	Engineer and pilot	Oberlachen	5 00
Jackson	J. A. Odell	Engineer and pilot	Elisabeth	5 00
Jackson	H. Stephens	Engineer and pilot	Elisabeth	5 00
Kalamasoo	J. W. Carl	Engineer and pilot	Carl	5 00
Kalamasoo	George H. Mc Afee	Engineer and pilot	Cora L.	5 00
Lakeland	Floyd J. Waters	Engineer and pilot	Hattie M.	5 00
Lake Orion	A. V. Foisey	Engineer and pilot	City of Orion	5 00
Lake Orion	Charles Lamphier	Engineer and pilot	Silver Spray	5 00
Lake Orion	C. W. Towley	Engineer and pilot	Promie	5 00
Lake Orion	C. L. Stine	Engineer	City of Orion	5 00

*Licenses issued during the year 1917.—Concluded.*

Address.	Name.	Occupation.	Name of vessel.	Fee.
Lake Orion	William Healing	Engineer and pilot	Pastime	\$5 00
Lake Orion	W. C. Davis	Engineer and pilot	Park Island Queen	5 00
Lansing	E. W. Stoppel	Engineer and pilot	Dorothy S.	5 00
Lansing	I. Buck	Engineer and pilot	Dorothy S.	5 00
Ludington	Myers Peterson	Engineer and pilot	Marie	5 00
Ludington	Clyde Bush	Engineer and pilot	Helen	5 00
Ludington	A. Peterson	Engineer and pilot	Tillie C.	5 00
Ludington	Leslie Bugg	Engineer and pilot	Tillie C.	5 00
Ludington	R. B. Beckmeyer	Engineer and pilot	Owl	5 00
Ludington	C. W. Hoyt	Engineer and pilot	Dale	5 00
Ludington	Richard Ferguson	Engineer and pilot	Summer Girl	5 00
Ludington	Joseph Barnhardt	Engineer and pilot	Swan	5 00
Ludington	George F. Barnhardt	Engineer and pilot	Reliance	5 00
Ludington	George Barnhardt	Engineer and pilot	Reliance	5 00
Ludington	J. Youngquist	Engineer and pilot	Bluff Beach	5 00
Manitou Beach	John Talmadge	Engineer and pilot	Pastime	5 00
Manitou Beach	Charles Imerson	Engineer and pilot	Nora I	5 00
Middleville	John Hine	Engineer and pilot	Mildred	5 00
Middleville	W. E. Streeter	Engineer and pilot	Marilla	5 00
Mt. Pleasant	Robert Hyalop	Engineer and pilot		5 00
Mt. Pleasant	William B. Hoag	Engineer and pilot		5 00
Niles	William H. Twogood	Engineer and pilot		5 00
Petokey	Dana Stradling	Engineer and pilot	Rapid Transit	5 00
Reeds Lake	Morris Goldman	Engineer		5 00
Reeds Lake	Carl Hanner	Engineer		5 00
Rosecommon	C. Schroeder	Engineer and pilot	East Bay House	5 00
Shelbyville	Morris England	Engineer and pilot	Minnie E.	5 00
Vickaburg	Milo F. Parker	Engineer and pilot	Adams Park	5 00
Waloon Lake	Claud Goker	Engineer and pilot	Magic	5 00
White Pigeon	C. R. Ramsauer	Engineer and pilot	Elisa Jane II	5 00
Watervliet	L. V. Sweet	Engineer and pilot	D. B. S.	5 00
Watervliet	C. E. Leslie	Engineer and pilot	Interurban	5 00
Watervliet	J. R. Griffiths	Engineer and pilot	Honeymoon	5 00
Watervliet	Van B. Ludwig	Engineer and pilot	Shamrock	5 00
Yorkville	Roy H. Graham	Engineer and pilot	Juanita	5 00
Yorkville	W. N. Schroder	Engineer and pilot	Ranger	5 00
Yorkville	George Rothwell	Engineer and pilot	Arron	5 00
Yorkville	Martin H. Brown	Engineer and pilot	Michigan	5 00
Yorkville	F. S. Wedge	Engineer and pilot	U. S. Mail	5 00
Yorkville	C. E. Norton	Master	Brownie	5 00
Yorkville	Leonard Lepper	Engineer and pilot	Queen City	5 00
Yorkville	W. B. Cannon	Engineer and pilot	U. S.	5 00
Yorkville	J. W. Howell	Engineer and pilot	Battle Creek	5 00

## Certificates of inspection issued during 1917.

Address.	Name of owner.	Name of vessel.	Motive power.	Number passen- gers allowed to carry.	Fee.
Ann Arbor	Fred Goddard	Maggie G	Gasoline	30	\$5-00
Ann Arbor	William K. Bowen	Leisure	Gasoline	6	
Battle Creek	F. C. Wagner	Detroit	Gasoline	21	5 00
Battle Creek	Yawger Brothers	Cayuga	Gasoline	8	
Battle Creek	W. R. Shafer	Pearl	Steam	40	5 00
Battle Creek	J. S. Moore	La Verdo	Gasoline	25	5 00
Battle Creek	H. P. Hewitt	Lady Isobel	Gasoline	30	5 00
Benzonia	C. E. Case	Benzonia	Gasoline	12	
Berrien Springs	Clyde W. Roekey	Laura May	Gasoline	40	10 00
Beulah	A. E. Terpinig	Tramp	Gasoline	8	
Boyne City	Roy J. Winsor	Rapid Transit	Gasoline	75	15 00
Bradley	S. D. Hilborn	Gull	Gasoline	8	
Cadillac	Y. M. C. A.	Y. M. C. A.	Gasoline	20	
Cadillac	C. B. Snow	W. G. Randles	Steam	40	5 00
Cadillac	C. B. Snow	Westover	Steam	100	15 00
Cadillac	Fred Branierd	Speedwell	Steam	35	5 00
Caesopolis	W. W. Hutchings	Imp	Gasoline	20	
Caesopolis	W. W. Hutchings	Robert H.	Gasoline	30	10 00
Clark's Lake	B. A. Haig	Anna May	Gasoline	32	5 00
Coloma	D. S. Gerber	Reliance	Gasoline	20	5 00
Devils Lake	B. B. Comparet	Damon	Gasoline	35	5 00
Dowagiac	W. E. Tuttle	Fanette L.	Steam	50	10 00
Doer	C. A. Merlan	Crystal	Gasoline	9	
Doer	A. J. Shelp	Mayflower	Gasoline	30	5 00
Empire	John M. Ocker	Emma Irene	Gasoline	15	
Frankfort	E. J. Parker	Undine	Gasoline	30	5 00
Frankfort	E. J. Parker	Ottawa	Gasoline	25	5 00
Frankfort	D. H. Wright	Boalger	Gasoline	12	
Flint	W. H. Smith	Belle	Gasoline	75	10 00
Flint	F. H. Gokey	Wauneta	Gasoline	12	
Fenton	C. E. Stewart	City of Flint	Gasoline	35	5 00
Fenton	Ernest Fuller	Redwing	Gasoline	36	5 00
Fremont	Rollo Martin	Jessie M.	Gasoline	15	
Fremont	Millard Brothers	Idle Hour	Gasoline	20	5 00
Grand Rapids	George B. Zindel	North Park	Gasoline	20	5 00
Grand Rapids	Charles Poisson	Major A. B. Watson	Steam	450	20 00
Grand Rapids	Charles Poisson	Dalphin	Gasoline	20	5 00
Grand Rapids	Charles Poisson	Ramona	Gasoline	20	5 00
Grand Rapids	Charles Poisson	Hazel A.	Steam	350	20 00
Grand Rapids	F. W. Wright	Winnie W.	Gasoline	25	
Haelett	Sprague & Reid	Viola S.	Gasoline	12	
Haelett	Sprague & Reid	Laurie S.	Gasoline	35	5 00
Houghton Lake	C. B. Curtis	Ray	Gasoline	30	5 00
Houghton Lake	R. N. Robinson	Ellen	Gasoline	15	5 00
Houghton Lake	Charles Sanford	Nipigon	Gasoline	15	5 00
Houghton Lake	F. C. Bodtlyon	Wetona	Gasoline	25	5 00
Houghton Lake	James H. Ostrander	Leona	Gasoline	20	
Jackson	Ben J. Akin	Safety First	Gasoline	8	
Jackson	A. E. Bailey	Oberlachen	Gasoline	20	
Jackson	Jackson Amusement Co.	Elizabeth	Gasoline	75	15 00
Kalamazoo	Frank R. Lemon	Cora L.	Gasoline	30	5 00
Lake Orion	Lake Orion Navigation Co.	City of Orion	Gasoline	250	20 00
Lake Orion	Lake Orion Navigation Co.	Park Island Queen	Gasoline	50	10 00
Lake Orion	Lake Orion Navigation Co.	Promise	Gasoline	60	10 00
Lake Orion	Lake Orion Navigation Co.	Silver Spray	Gasoline	30	5 00
Lake Orion	Lake Orion Navigation Co.	Pastime	Gasoline	40	5 00
Lakeland	Floyd J. Waters	Hattie M.	Gasoline	12	
Lansing	C. Stoppel	Dorothy S.	Gasoline	60	10 00
Ludington	Clyde Bush	Helen	Gasoline	10	
Ludington	Peterson Brothers	Marie	Gasoline	30	5 00

## Certificates of inspection issued during 1917.—Concluded.

Address.	Name of owner.	Name of vessel.	Motive power.	Number passen- gers allowed to carry.	Fee.
Ludington.....	Victor Schmidt.....	Tillie C.....	Gasoline.....	55	\$10 00
Ludington.....	R. B. Beckmeyer.....	Owl.....	Gasoline.....	15	.....
Ludington.....	William Foster.....	Dale.....	Gasoline.....	12	5 00
Ludington.....	Richard Ferguson.....	Summer Girl.....	Gasoline.....	6	.....
Ludington.....	George Barnhardt.....	Swan.....	Gasoline.....	10	.....
Ludington.....	George Barnhardt.....	Reliance.....	Gasoline.....	60	10 00
Manitou Beach.....	John Talmadge.....	Pastime.....	Gasoline.....	40	5 00
Manitou Beach.....	Charles Imeraon.....	Nora I.....	Gasoline.....	30	5 00
Middleville.....	Streeter Brothers.....	Marilla.....	Gasoline.....	30	5 00
Shelbyville.....	M. England.....	Minnie E.....	Gasoline.....	8	.....
Vicksburg.....	Milo F. Parker.....	Adams Park.....	Gasoline.....	20	.....
Walloon Lake.....	Claud Gokee.....	Magic.....	Gasoline.....	25	5 00
Watervliet.....	S. V. Sweet.....	D. B. S.....	Gasoline.....	7	5 00
Watervliet.....	C. E. Leslie.....	Interurban.....	Gasoline.....	60	10 00
Watervliet.....	J. R. Griffiths.....	Honeymoon.....	Gasoline.....	60	10 00
Watervliet.....	V. B. Ludwig.....	Shamrock.....	Gasoline.....	75	15 00
Watervliet.....	Lawrence Campbell.....	Old Glory.....	Gasoline.....	32	5 00
White Pigeon.....	Charles R. Ramsauer.....	Elisa Jane II.....	Gasoline.....	15	.....
Yorkville.....	Roy H. Graham.....	Juanita.....	Gasoline.....	50	10 00
Yorkville.....	George Rathwell.....	Arron.....	Gasoline.....	31	5 00
Yorkville.....	William Schrader.....	Ranger.....	Gasoline.....	30	5 00
Yorkville.....	Martin H. Brown.....	Michigan.....	Gasoline.....	65	10 00
Yorkville.....	C. E. Norton.....	Brownie.....	Gasoline.....	40	10 00
Yorkville.....	Leonard Lepper.....	Queen City.....	Gasoline.....	30	5 00
Yorkville.....	W. B. Cannon.....	U. S.....	Gasoline.....	30	5 00
Yorkville.....	J. W. Howell.....	Battle Creek.....	Gasoline.....	25	5 00
Yorkville.....	Floyd S. Wedge.....	U. S. Mail.....	Gasoline.....	25	5 00

## DEPARTMENT OF LABOR.

## SUMMARY OF BOAT INSPECTION.

Number Engineer licenses issued .....	4
Number Engineer and Master licenses issued .....	1
Number Engineer and Pilot licenses issued .....	97
Number Master licenses issued .....	1
	<hr/>
Whole number licenses issued .....	103
Amount received in fees for licenses .....	\$515.00
Certificates of Inspection Issued in 1917.	
Number using steam power .....	7
Number using gasoline power .....	80
	<hr/>
Whole number certificates issued .....	87
Amount received in fees for inspection .....	\$465.00
Total amount received from certificates and licenses .....	980.00

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**PRIVATE EMPLOYMENT AGENCIES**

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## PRIVATE EMPLOYMENT AGENCIES.

The Legislature of 1913 enacted a law designed to regulate the method of conducting the business of private employment agencies in the State for the benefit and protection of the laboring people. General supervision of the enforcement of the law, authority to prescribe rules and regulations for the conduct of the business along equitable lines, receiving of licenses' fees and issuance of licenses was delegated to the Labor Department. The amount of license fees to be paid by private agencies was fixed upon a graduated scale ranging from \$25.00 per year, the lowest, which applies to agencies located in cities of less than 200,000 population, to \$100.00 per year, the highest, applies to agencies operating in cities of over 200,000 inhabitants. The law further requires each applicant to furnish a surety bond in the penal sum of \$1,000.00 conditioned that the obligor will not violate any of the provisions of the law. Such bond, Act 244, P. A., 1917, is required to be a personal bond with two good and sufficient securities, to be approved by the prosecuting attorney or the circuit judge of the county in which such employment agency is located.

In order to secure accurate knowledge as to the working and sufficiency of the law in serving the purpose for which it was intended and for the protection of those whose interest the statute was enacted for, an investigation was made. This investigation from this standpoint covered a wide field and embraced a fair representation of all kinds of labor, who depend chiefly upon the employment agency for securing work.

From the volume of expression it is apparent that, while the laboring people as a class are naturally independent and are reluctant to accept a service in the form of charity, they are inclined to rebel at the thought of being compelled to pay for something to which they feel inherently entitled, and in the securing of which they expect to deliver value received for the wages they receive in return for their labor. Although there is no question that the present law has done much to relieve the laboring man and woman from the greater portion of the burden of impositions which they were made to suffer under old conditions, judging from the nature of the complaints which have been lodged with this department and the conditions expressed regarding the working of the law, there is a certain amount of exploitation still being practiced in the traffic of labor, to the prompt and effectual elimination of which immediate steps should be taken.

During the year 1917 applications were received and bonds were filed and licenses issued to thirty-five agencies in Detroit; Escanaba, four; Grand Rapids, two; Iron Mountain one; Iron River, one; Kalamazoo, one; Marquette, one; Menominee, one; Pontiac, two; Saginaw, two;

Sault Ste. Marie two. The total receipts for 1917 were \$3,589.89. Evidently, through an oversight on the part of the Legislature in framing the law these receipts are turned into the general fund of the State Treasurer, whereas, in order that the best results may be obtained in the enforcement of the law, this money should properly be credited to this Department to help defray the expenses of administering the law.

The following table gives in detail the date licenses were issued, name of the applicant, name of the agency, the town where located and the amount of fee paid by each.

PRIVATE EMPLOYMENT LICENSE ISSUED IN 1917.

Date.	Name of owners.	Name of bureau.	Town.	Fee.
Jan. 2	William G. Machris.	Star Employment Bureau.	Detroit.	\$100 00
Jan. 2	Rhoda Buell.	Mutual Employment Office.	Detroit.	100 00
Jan. 2	Jacob J. Ostalecke.	O. K. Employment Agency.	Detroit.	100 00
Jan. 2	Aubrey Butler.	Butler's Employment Agency.	Pontiac.	25 00
Jan. 2	Chas. P. Rieder.	Saginaw Employment Agency.	Saginaw.	25 00
Jan. 2	John B. Warren & Jos. J. Creamer.	Warren & Creamer Employment Agency.	Detroit.	100 00
Jan. 2	Nellie L. Wren.	Sun Agency for Office Employment.	Detroit.	100 00
Jan. 2	Rudolph G. Stakich.	Rudolph's Employment Agency.	Detroit.	100 00
Jan. 2	A. E. Hazlett.	Detroit Employment Agency.	Detroit.	100 00
Jan. 2	Virginia Cornfoot.	Wolverine Employment Agency.	Detroit.	100 00
Jan. 2	Daisy B. Miller.	Daisy B. Miller Agency.	Detroit.	100 00
Jan. 2	Frank R. Chapel.	Frank R. Chapel.	Sault Ste. Marie.	25 00
Jan. 2	Theodore King.	Theodore King.	Sault Ste. Marie.	25 00
Jan. 3	Maude M. Brickan.	Service Employment Agency.	Detroit.	100 00
Jan. 3	Martha E. Watt.	Martha E. Watt.	Detroit.	100 00
Jan. 3	Frank Richards.	Frank Richards.	Menominee.	25 00
Jan. 4	Victor Schlesinger.	Globe Employment Agency.	Detroit.	100 00
Jan. 4	E. K. Corle.	Kincaid Employment Agency.	Detroit.	100 00
Jan. 4	Victor Schlesinger.	All Nations Employment Bureau.	Detroit.	100 00
Jan. 4	Jeanette Kuhnreich.	National Employment Agency.	Detroit.	100 00
Jan. 4	Teresa Taylor.	Teresa Taylor.	Detroit.	100 00
Jan. 4	Owen Gallagher.	Gallagher's Labor Agency.	Escanaba.	25 00
Jan. 5	Edward D. Wholihan & E. Edmiston.	Detroit Bond & Reference Co.	Detroit.	100 00
Jan. 5	Rudolph E. Mack.	International Vaudeville Exchange.	Detroit.	100 00
Jan. 9	Young Women's Christian Asen.	Y. W. C. A.	Detroit.	100 00
Jan. 9	Mary E. Wise.	Mary E. Wise.	Detroit.	100 00
Jan. 9	Gustav Plaza.	City Employment Agency.	Detroit.	100 00
Jan. 9	Orange D. Ford.	Antoine Employment Bureau.	Detroit.	100 00
Jan. 10	Mary J. Sullivan.	Mary J. Sullivan.	Detroit.	100 00
Jan. 17	Henry W. Lucker & Chas. A. Strauss.	City of Straits Employment Agency.	Detroit.	100 00
Jan. 17	N. P. Fleisher.	Genesee Employment Agency.	Saginaw.	25 00
Jan. 17	Frank W. Singler.	Singler Employment Agency.	Iron River.	25 00
Jan. 17	John T. Carbis.	Menominee Range Employment Agency.	Iron Mountain.	25 00
Jan. 24	W. E. Mitchell.	U. P. Labor & Supply Co.	Escanaba.	25 00
Jan. 24	Carl P. Gunderson.	Gunderson's Labor Agency.	Escanaba.	25 00
Feb. 1	Chas. C. Drake.	Cadillac Employment Agency.	Detroit.	91 67
Feb. 1	Hattie Levey.	University Employment Agency.	Detroit.	100 00
Feb. 1	Frank Neumann.	Union Booking Office.	Detroit.	91 67
Jan. 31	Chas. D. Todd.	Michigan Audit & Accountant Co.	Detroit.	100 00
Jan. 31	Mary Jane Malcomson.	Collegiate Bureau of Occupation.	Detroit.	100 00
Mar. 1	Wm. DeBoer.	DeBoer Employment Bureau.	Grand Rapids.	25 00
Mar. 1	John N. Halran & Byron D. Winegar.	Escanaba Employment Agency.	Escanaba.	25 00
Mar. 1	W. C. Houghton.	W. C. Houghton.	Pontiac.	20 85
Mar. 8	Emma Burtraw Raviler & Jennie D. McManus.	E. B. R. Amusement Co.	Detroit.	83 33
Mar. 24	Henry LaVardo.	LaVardo Vaudeville Exchange.	Grand Rapids.	25 00
Mar. 29	Chas. L. Holt.	Star Employment Agency.	Kalamazoo.	20 85
April 3	Saul L. & Samuel W. Kopman.	Kopman Employment Agency.	Detroit.	75 00
June 6	Dennis Hogan & Timothy T. Hurley.	Dennis Hogan & Timothy T. Hurley.	Marquette.	14 85
July 2	Earl Conway.	Earl Conway.	Detroit.	50 00
July 23	Kavanaugh, Jacobs & James N. Likins.	Kentucky Employment Agency.	Detroit.	50 00
Oct. 11	Stanley Zbudowsky.	Stanley Zbudowsky.	Detroit.	25 00
Nov. 8	Jesse B. Hutchins.	Jesse B. Hutchins.	Detroit.	16 67
	Total for the year 1917.			\$3,589 89



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**PRISON AND REFORMATORY STATISTICS**

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PRISON AND REFORMATORY STATISTICS.

MICHIGAN STATE PRISON—JACKSON.

Name of Institution, Michigan State Prison.			
Where located, Jackson, Mich.			
Name of warden, Edward F. Frensdorf, acting warden.			
Number of deputy wardens.....	1	Annual salary	\$2,500 00
Number of assistants, wardens.....	1	" "	1,500 00
Number warden's secretaries.....	1	" "	1,200 00
Number prison clerks.....	1	" "	2,500 00
Number assistant clerks.....	1	" "	1,800 00
Number assistant clerks.....	1	" "	1,500 00
Number assistant clerks.....	1	" "	1,200 00
Number chaplains.....	1	" "	1,500 00
Number chaplain's assistants.....	1	" "	400 00
Number prison physicians.....	1	" "	1,500 00
Number engineers.....	1	" "	2,500 00
Number assistant engineers.....	1	" "	1,600 00
Number assistant engineers.....	3	" " each.....	900 00
Number bookkeepers.....	3	" " each.....	1,000 00
Number stenographers.....	2	" " each.....	1,200 00
Number special officers.....	3	" " each.....	1,500 00
Number superintendents of school..	1	" "	1,400 00
Number stewards.....	1	" "	1,500 00
Number storekeepers.....	1	" "	1,200 00
Number hallmasters.....	1	" "	1,200 00
Number assistant hallmasters.....	1	" "	900 00
Number night captains.....	1	" "	1,200 00
Number keepers.....	14	" " each.....	1,000 00
Number keepers.....	4	" " each.....	900 00
Number guards.....	19	" " each.....	900 00
Number guards.....	2	" " each.....	800 00
Number guards.....	1	" "	600 00
Number wall guards.....	1	" "	900 00
Number wall guards.....	15	" " each.....	800 00
Number wall guards.....	1	" "	600 00
Number matrons.....	1	" "	480 00
Number Supts., clothing Dept.....	1	" "	900 00
Number Supts., box Dept.....	1	" "	1,000 00
Number Supts., of farm.....	1	" "	1,800 00
Number overseers of farm.....	2	" " each.....	1,000 00
Number overseers of farm.....	3	" " each.....	1,000 00
Number overseers of farm.....	2	" " each.....	750 00
Number overseers of farm.....	4	" " each.....	600 00
Number Supts. of mails.....	1	" "	900 00
Number twine plant Supts.....	1	" "	2,000 00
Number twine plant foremen.....	2	" " each.....	1,200 00
Number twine plant foremen.....	3	" " each.....	1,000 00
Number canning plant Supts.....	1	" "	1,800 00
Number brick and tile plant Supts..	1	" "	1,700 00
Number granite plant Supts.....	1	" "	1,800 00
Aggregate salaries of			
all officials.....			\$117,360 00
Total number of officials.....	112		

## DEPARTMENT OF LABOR.

## INMATES.

Whole number inmates, December 15th, 1917.....	1,183
Increase of inmates during the year.....	183
Increase of inmates since December 15th, 1912.....	421

## STATE ACCOUNT WORK.

Kind of goods manufactured—Twine, granite, canned foods, brick and tile, brooms, chairs.

	Daily Capacity	Annual Output 1917	Annual Output 1916
Twine plant .....	55,000 lbs.	13,537,350 lbs.	12,232,300 lbs.
		\$2,235,662 75	\$1,000,907 00
Brick plant.....	40,000 brick	86,800 00	65,780 00
Broom shop.....	6 dozen	7,420 00	10,850 00
Granite shop.....		37,860 00	33,965 00
Canning factory.....		72,900 00	136,485 00
Aggregate output for year ending June 30, 1916.....			\$1,247,987 00
Aggregate output for year ending June 30, 1917 .....		\$2,448,642 74	

## EMPLOYED AT PRISON WORK.

Number in steward's department.....	47
Number in clothing and laundry departments.....	29
Number in engineer's department.....	47
Number on farm, garden, lawns and barns .....	153
Number in house and hallmaster's department.....	45
Number in storeroom.....	10
Number in yard assignments .....	13
Number in book bindery.....	6
Number in hospital.....	7
Number at miscellaneous work.....	74
Number in chair shop.....	211
Number in canning department.....	50
Number in brick plant.....	84
Number in twine plant.....	281
Number in granite shop.....	34
Whole number employed about prison work.....	1102
Number sick in hospital.....	11

## PRISON FARM.

There are 3328 acres owned by the Prison and 798 acres rented and operated by inmates exclusively. The products are consumed by the prison or used by the canning factory and sold as well as any surplus to Jobbers and Retailers and Consumers.

We do not compile the value of products raised as a large proportion is used in raising stock and cannot accurately give values. We buy our supplies in Michigan when prices are equal.

EDWARD F. FRENDSORF,  
Acting Warden.



## MICHIGAN REFORMATORY—IONIA

Name of institution, Michigan Reformatory.			
Where located, Ionia, Michigan.			
Name of warden, Otis Fuller		Annual salary	\$3,000 00
Number of deputy wardens.....	1	" "	1,700 00
Number chief clerks.....	1	" "	1,600 00
Number assistant clerks.....	1	" "	900 00
Number chaplains.....	1	" "	1,300 00
Number prison physicians.....	1	" "	1,200 00
Number chief engineers.....	1	" "	1,600 00
Night engineer.....	1	" "	1,100 00
Number Supts. of schools.....	1	" "	1,100 00
Number stewards.....	1	" "	1,100 00
Number hall masters.....	2	" " each	1,100 00
Number night captains.....	1	" "	1,000 00
Number keepers.....	17	" " each	1,000 00
Number guards.....	9	" " each	900 00
Number extra Sunday guards.....	1	Per Day.....	2 50
Number matrons.....	1	Annual salary	600 00
Number Supt. clothing Dept.....	1	" "	1,100 00
Number Supt. of construction.....	1	" "	1,300 00
Number Supt. farm.....	1	" "	1,500 00
Number Supt. malls.....	1	" "	1,000 00
Number gatekeepers.....	2	" "	1,100 00
		" "	1,000 00
		Aggregate salaries of	
Total number of officials.....	46	all officials.....	\$49,200 00

## INMATES.

Whole number inmates December 15, 1917.....	632
Increase of inmates during the year.....	28
Increase of inmates since December 15, 1912.....	17

## EMPLOYED ON CONTRACT.

Number of inmates working on contract.....	423
Name of contractor, Ypsilanti Reed Furniture Co. Kind of goods manufactured, Reed and Fiber Furniture. Number of convicts employed.....	423
Rate paid per day.....	\$ 50
Number of hours convicts work per day.....	9
Number of inmates employed on State account work.....	15
Kinds of goods manufactured, Parts of Automobile Bodies.	
Average hours worked per day.....	9
Received for labor, State account manufacturing.....	\$8,769 14

## DEPARTMENT OF LABOR.

## EMPLOYED AT PRISON WORK.

Whole number convicts employed about prison work.....	190
Number in steward's department.....	32
Number making shoes, clothing, etc., for prison .....	18
Number in engineer's department.....	19
Number in farm department, farm, garden, lawns, and barns.....	55
Number in carpenter's department.....	10
Number in house department.....	5
Number at miscellaneous work.....	8
Number aged and infirm.....	2
Number in hall master's department.....	33
Number in deputy warden's department.....	2
Number in chaplain's department.....	1
Number in teacher's department.....	1
Number in physician's department.....	4
Number sick and in hospital.....	10
Number of inmates who receive personal compensation.....	425
Average amount per day received by each.....	12½c
Aggregate overtime earnings paid to inmates during year.....	\$15,000

## PRISON FARM.

Number acres in prison farm.....	891
Is farm operated strictly by prison labor.....	Yes
Are products of farm and garden mostly consumed in prison.....	Yes
Are any products of farm and garden sold.....	Yes
Give list of kinds of product sold.—Hay, vegetables, hogs, wood, etc..	
Aggregate value of all products of farm sold during the year.....	\$9,907 17
What per cent of supplies purchased is of Michigan production....	About 70%
What is the average daily cost of maintaining convicts, gross cost....	66c
What is the average daily cost of maintaining convicts, net cost.....	29c

OTIS FULLER,  
Warden.

## IONIA STATE HOSPITAL.

Name of institution, Ionia State Hospital.

Where located, Ionia, Michigan.

Name of Medical Superintendent,

Robert H. Haskell, M. D.

		Annual salary		\$3,000 00
Number assistant physicians.....	1	" "		1,500 00
Number clerks .....	1	" "		1,600 00
Number assistant clerks.....	2	" "	each.....	900 00
	1	" "		600 00
Number stenographers.....	1	" "		480 00
Number engineers .....	1	" "		1,500 00
Number of attendants, men.....	1	" "		720 00
	2	" "	each.....	600 00
	2	" "	each.....	540 00
	4	" "	each.....	480 00
	5	" "	each.....	456 00
	7	" "	each.....	420 00
Number of attendants, women.....	1	" "		420 00
	1	" "		324 00
	3	" "	each.....	300 00
Number cooks .....	1	" "		1,100 00
	1	" "		600 00
	1	" "		360 00
Number dairymen ....	1	" "		720 00
Number farmers.....	1	" "		840 00

Number assistant farmers.....	2	"	"	each.....	420 00
Number firemen.....	2	"	"	each.....	660 00
Number firemen.....	1	"	"	.....	540 00
Number launderers.....	1	"	"	.....	840 00
Number laundresses.....	1	"	"	.....	396 00
Number nightwatchmen ..	2	"	"	each.....	780 00
	1	"	"	.....	540 00
Number supervisors.....	1	"	"	.....	960 00
Number supervisoresses.....	1	"	"	.....	660 00
Number carpenters.....	1	"	"	.....	975 00
	1	"	"	.....	945 00
	1	"	"	.....	900 00
Number matrons, employees' build- ing.....	1	"	"	.....	360 00
Number dining room attendants....	1	"	"	.....	660 00
Number truck drivers.....	1	"	"	.....	720 00
Total number of officials and—				Aggregate amount of an-	
paid employees.....	59			nual salaries paid all	
				officials and employees..	\$36,553 82

INMATES.

Total number inmates December 15, 1917 .....	491
Males .....	426
Females .....	65
Has number increased or decreased during the year? Increased. How many .....	14
Has number increased or decreased since December 15, 1912? In- creased. How many .....	52
What percent of inmates perform manual labor, in addition to those doing housework on the wards.....	27%
What kind of labor do they perform? Farm and garden work, caring for live stock, helpers' work with carpenters, painters, engineer, etc., in laundry, kitchen, bakery and dining rooms, tailor and cobbler shops, etc.	
Has the asylum any other income besides State appropriations? Yes. From what source is other income? Sales, from farm largely, small number of private patients and counties and interest on funds.	
What does other income average annually.....	\$5,000 00
How much per day is charged for maintenance of patients, fiscal year, 1917-18.....	68c
What per cent of supplies is bought in Michigan? Wherever pos- sible, other things being equal, everything.	
What percent of supplies is Michigan product? Impossible to de- termine.	
Daily cost per capita of maintaining inmates—Fiscal year 1916-17....	\$.5753

The Ionia State Hospital receives as patients insane inmates of the various prisons, individuals undergoing trial in criminal courts found to be insane, and certain patients in the other State Hospitals considered "dangerous and homicidal." Notwithstanding such an antisocial class to begin with, it has been found by the experience of the last few years that they may be accorded all the modern methods of the civil insane hospital within limits of reason dictated by the demand of the police power obtaining in the large number of its patients. Though handicapped considerably by lack of suitable buildings occupational therapy of real work is practiced to a large degree.

Farm work is specialized in. General agriculture is practiced but most emphasis is laid upon garden crops. The surplus of garden crops above daily consumption is preserved for winter use. A high producing dairy herd is maintained from which surplus male stock for breeding purposes is sold throughout the State. A flock of eight-hundred White Leghorns produces all the eggs the institution uses. To meet the war demand, pork production has been intensified with definite

profit. This year, over \$5,000.00 of pork will have been sold and a slightly smaller amount consumed. The increased land available as a result of recent special appropriations has been a wonderful aid in keeping down the tremendous increase in cost incident to the war.

The institution needs at the present time more room on the main site to accommodate one-hundred and ten patients now housed in the original buildings of the institution three miles away, a congregate dining hall of sufficient size to accommodate all patients whose mental condition would allow them to eat there, with a compactly arranged kitchen and bakery and sufficient industrial and recreational space within the buildings. The Chapel, for example, contains seats for one-hundred and fifty persons. There are among our population at least three-hundred who should be allowed such privileges.

ROBERT H. HASKELL,  
Medical Superintendent.

#### STATE HOUSE OF CORRECTION AND BRANCH PRISON—MARQUETTE.

Name of institution, State House of Correction and Branch Prison.			
Where located, Marquette, Michigan.			
Name of warden, James Russell.	Salary of warden.....		\$3,000 00
Name of deputy warden, T. B. Catlin	Annual salary .....		1,800 00
Number warden's stenographers ...	1 " " .....		840 00
Number prison clerks.....	1 " " .....		1,800 00
Number assistant clerks.....	1 " " .....		900 00
Number Chaplains.....	2 " " each.....		400 00
Number prison physicians.....	1 " " .....		750 00
Number engineers.....	1 " " .....		1,500 00
Number assistant engineers .....	1 " " .....		180 00
Number Supts. of schools and mails	1 " " .....		1,000 00
Number stewards.....	1 " " .....		1,200 00
Number hall masters.....	1 " " .....		1,100 00
Number keepers .....	3 " " each.....		1,000 00
	3 " " each.....		1,000 00
Number guards, fifteen .....	8 " " each.....		900 00
	4 " " each.....		800 00
Number matrons .....	1 " " .....		480 00
Number Supts. of clothing Dept..	1 " " .....		1,000 00
Number Supts. of box Dept.....	1 " " .....		2,100 00
Number Supts. of farm.....	1 " " .....		1,200 00
Give titles and number of other employees and salary of each.			
Foreman lumber yard.....	1 Annual salary .....		\$900 00
Supt. glove factory.....	1 " " .....		1,200 00
Shipping clerk .....	1 " " .....		1,200 00
Foreman glove factory.....	1 " " .....		1,200 00
	Aggregate salaries of all		
Total number of officials.....	39 officials.....		\$40,550 00

#### INMATES.

Whole number of inmates December 15, 1917.....	378
Decrease of inmates during the year.....	15
Number of inmates December 15, 1912.....	290
Increase of inmates since December 15, 1912.....	88

#### EMPLOYED ON CONTRACT.

Number inmates employed on State account work.....	286
Kinds of goods manufactured, gloves, box shooks, lumber for manufacturing shooks.	
Average hours worked per day.....	8½
Aggregate value of goods manufactured on State account during the year .....	\$520,686 72

EMPLOYED AT PRISON WORK.

Whole number convicts employed about prison work.....	92
Number in steward's department.....	14
Number making shoes, clothing, etc., for prison .....	10
Number in engineer's department.....	13
Number in farm department.....	11
Number in house department.....	3
Number at miscellaneous work.....	18
Number sick in hospital.....	14
Number aged and infirm .....	None
Number in hall master's department.....	5
Number in deputy warden's department.....	1
Number in library department.....	1
Number in physician's department.....	2
Number of inmates who receive personal compensation.....	286
Average amount per day received by each, glove factory .....	16c
Average amount per day received by each, box factory.....	14c

PRISON FARM.

Number of acres in prison farm.....	324½
Is farm operated strictly by prison labor? Yes.	
Are products of farm and garden mostly consumed in prison? Yes.	
Are any products of farm and garden sold? Yes.	
Give lists of kinds of products sold. Suckling pigs, vegetables, potatoes.	
Aggregate value of all products of farm sold during the year....	\$1,625 84
What percent of supplies purchased is of Michigan production.....	75%
What is the average cost of maintaining convicts? Maintenance and operating expenses, per man per year.....	273 76
After deducting institutional earning, per man per year.....	149 40
Of a net cost, per day per man.....	40.9c

DETROIT HOUSE OF CORRECTION.

Name of institution, Detroit House of Correction.		
Where located, Russell and Alfred Streets, Detroit, Michigan.		
Name of Supt., Bernhardt Jacob	Annual salary.....	\$5,000 00
Assistant Supt. ....	1 Annual salary .....	2,400 00
Number of deputy Supts.....	1 " " .....	2,000 00
By whom are religious services conducted? City Clergy.		
Number prison physicians.....	1 Annual salary .....	1,300 00
Number hall masters.....	1 " " .....	1,020 00
Number clerks.....	3 " " each.....	1,366 66
Number bookkeepers.....	1 " " .....	1,900 00
Number stenographers.....	1 " " .....	900 00
Number engineers and machinists..	2 " " each.....	1,588 75
Number overseers.....	15 " " each.....	730 00
Number guards.....	5 " " each.....	588 00
Number matrons.....	7 " " each.....	580 00
Number foremen.....	9 " " each.....	1,319 50
Number teamsters.....	3 " " each.....	900 00
Number carpenters.....	1 " " .....	1,125 00
Number cooks.....	2 " " each.....	750 00
Number gardeners.....	2 " " each.....	1,390 00
Number teachers, 1 teacher employed 100 evenings, per evening.....		2 25
Whole number of officials and paid employes.....		57
Aggregate annual amount of salaries paid officials and employes....		59,389 44

## DEPARTMENT OF LABOR.

## INMATES.

Number inmates December 15, 1917.....	665
Males .....	596
Females .....	69
Have inmates increased or decreased in past year? Decreased. How many .....	128
Have inmates increased or decreased since December 15, 1912? Increased. How many.....	292
Number inmates in prison sentenced from United States courts....	35
How many female inmates who come from State courts of record....	51
How many inmates received from United States courts in past twelve months .....	111
How many inmates received from counties other than Wayne under contract with institution in past twelve months.....	467
How many inmates received from City of Detroit.....	4972
How many inmates received from Wayne county other than Detroit in past 12 months.....	592
What does the government pay per day for keeping United States prisoners .....	50c
What does the State pay per day for keeping prisoners? Males nothing. Females, per week.....	1 00
What do the counties under contract for keeping prisoners pay per day .....	70c
Average cost per day, per capita, for feeding and clothing all prisoners	24½c

## GOODS MANUFACTURED.

Give the kind of goods manufactured in the institution and the average number of inmates employed on each kind:

Chair Dept.....	310	Prison duties .....	155
Brush .....	46	Average on farm for 6 months	29
Button .....	61	Unassigned or idle.....	173

Estimated value of all goods manufactured for the year..... \$290,528 47

What per cent of supplies purchased is of Michigan production? No record kept.

BERNHARDT JACOB,  
Superintendent.

## INDUSTRIAL SCHOOL FOR BOYS—LANSING

Name of institution, Industrial School for Boys.			
Where located, Lansing, Michigan.			
Name of Supt., Joseph M. Frost.	Annual salary .....		\$2,000 00
Number of assistant superintendents 1	Annual salary .....		1,300 00
Number supervisors of schools..... 1	" "		840 00
Number housekeepers..... 1	" "		600 00
Number physicians..... 1	" "		600 00
Number dentists..... 1	" "		360 00
Number engineers..... 1	" "		1,200 00
Number clerks and stenographers.. 1	" "		840 00
	1	" "	1,200 00
	1	" "	400 00
Number male teachers..... 1	" "		720 00
	1	" "	720 00
	1	" "	840 00
Number female teachers..... 14	" "	360 00 to.	540 00
Number teachers of music..... 1	" "		480 00
	1	" "	720 00

Number hospital nurses.....	1	"	"	.....	660	00
Number others having charge of inmates .....	17	"	"	each.....	723	53
Number other employees under salary .....	32	"	"	each.....	373	75
Total number officials and paid employees .....	79	Aggregate salaries paid all officials and employees..			\$43,200	00

FARM.

Number acres contained in school farm, under cultivation.....	313,250
Estimated value of all products of farm in 1917.....	\$20,000 00
What percent of supplies purchased is of Michigan production.....	85%
Is any of the farming done by the inmates? All except supervision.	
Are products of the farm mostly consumed by the school? Yes.	

INMATES.

Whole number of inmates December 31, 1917.....	803
Have inmates increased or decreased in past year? Decreased. How many .....	11
How many more than on December 31, 1912.....	26
What year was school instituted? 1856.	
Total number inmates since school was instituted.....	13,738
How many hours do inmates play daily .....	2½ hours
Average number of hours inmates work daily.....	4

Kinds of work at which inmates are employed and the number employed at each kind:

Tailor shop.....	85	Boys dining room .....	44
Printing shop.....	40	Mending room .....	48
Shoe shop.....	44	Dormitory and clearing.....	84
Carpenter shop.....	6	Dairy barn .....	25
Engine room.....	12	Farm, garden and grounds..	137
Paint shop.....	6	Sloyd department .....	131
Bakery .....	18	Stenography and typewriting.	29
Laundry .....	20	Office boys.....	4
Officers kitchen.....	12	Hospital boys.....	4
Boys kitchen.....	40	Weaving department .....	8
Officers dining room.....	6		

Average daily cost for maintaining the inmates..... 41c

Report any special feature of the school, its conduct and maintenance.

Special effort has been made during the past year to increase the products from the farm. In spite of the unfavorable season we have been able to produce more than double what we had last year.

We have also endeavored to economize as much as possible in the use of coal. We have displaced the 45 H. P. engine, the running of which required three or more tons of coal per day, with a motor, the operation of which costs but 50c per day. We have installed a vacuum pump and have placed traps in all of the buildings and have already attached three additional cottages on the north side to the main heating plant. Plans are under way to attach the six buildings on the south side. When this is done we shall have one central heating plant instead of a number of separate plants. It is estimated that enough coal will be saved during the present year to pay for installing the system.

## INDUSTRIAL HOME FOR GIRLS—ADRIAN.

Name of institution, State Industrial Home for Girls.			
Town where located, Adrian, Lenawee County.			
Name of Supt., Mrs. Mary C. Johnson.	Annual salary.....		\$1,800 00
Number of assistant superintendents	1	Annual salary	1,000 00
Number engineers.....	1	" "	1,200 00
Number clerks and stenographers..	2	" " each.....	700 00
Number musical directors, male....	1	" " .....	720 00
Number female teachers.....	8	" " each.....	525 00
Number housekeepers.....	9	" " .....	600 00
	8	" " each.....	525 00
Number laundry teachers.....	1	" " .....	500 00
Number teachers of domestic science	1	" " .....	550 00
Number teachers of weaving.....	1	" " .....	400 00
Number managers.....	8	" " each.....	550 00
Number nurses.....	1	" " .....	700 00
Number teachers of dressmaking....	1	" " .....	550 00
Number teachers of sewing.....	3	" " each.....	525 00
Give titles and number of other employees and salary of each.			
Hospital assistants.....	1	" " .....	525 00
Relief officers.....	3	" " .....	500 00
Firemen.....	2	" " .....	700 00
	1	" " .....	600 00
Watchmen.....	1	" " .....	900 00
Gardener.....	1	" " .....	750 00
Farmer.....	1	" " .....	850 00
Farm hands.....	2	" " each.....	650 00
Drivers.....	1	" " .....	700 00
Accountants.....	1	" " .....	500 00
Aggregate of the salaries paid all officials and employees.....			\$28,250 00

## FARM, ETC.

Number acres contained in school farm.....	113
Estimated aggregate value of all products of farm in 1917.....	\$4,452 15
What percent of supplies purchased is of Michigan production.....	95%
What, if any, of the farm work is done by the inmates? Assisting with planting of vegetables and gathering fruits and vegetables.	
Are products of farm mostly consumed in school? All.	

## INMATES.

Whole number inmates December 15, 1917.....	398
Have inmates increased or decreased in past year? Decreased. How many? .....	14
How many more or less than on December 31, 1912? More.....	27
What year was Home instituted.....	1879
Total number inmates since Home was instituted.....	3712
Average number hours inmates attend school daily.....	3½
How many hours do inmates play daily? 2½ and more as time and occasion permit.....	2½
Average number hours inmates work daily.....	4
What kinds of work are inmates employed and the number employed at each kind, domestic science, 32; weaving, 4; dress-making, 35; floriculture, 4; all others systematically employed at various kinds of domestic work in the cottages, washing, ironing, cooking, baking, making beds, cleaning, sewing, mending, knitting, crocheting, etc., being detailed for a period of four	



months, according to adaptability, inclination and physical condition.

Average daily cost each for maintaining the inmates..... 52c

Report any special feature of the Home, its conduct. The Art Needlework department has been temporarily abandoned because of difficulty in obtaining material and because of the general high cost of living. However, a great deal of needlework is done in the cottage work rooms especially great quantities of knitting sewing, etc. for the Red Cross.

MARY C. JOHNSON,  
Superintendent.



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# INDEX

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## INDEX.

	Page
<b>INTRODUCTION BY COMMISSIONER OF LABOR</b> .....	7-24
<b>REPORT OF DEPUTY COMMISSIONER OF LABOR</b> .....	25-26
<b>FORMER BUREAU OFFICIALS</b> .....	3
<b>OFFICIAL STAFF OF DEPARTMENT OF LABOR</b> .....	5
<b>COAL MINE INSPECTION IN 1917:</b>	
Annual Report of Inspector Reid .....	637-645
Consolidated monthly report of Michigan coal mines .....	647-650
Consolidated yearly report of Michigan coal mines .....	651-652
List of coal mines alphabetically by counties .....	646
Notes on inspection .....	638-645
Summary of coal mine accidents .....	646
Summary of coal mine inspection .....	652
<b>COMPULSORY EDUCATION OF CHILDREN:</b>	
Assistance to be rendered .....	81
Children to attend school .....	78-79
Commissioner of schools, duty of .....	81
Complaint to whom made .....	81
Employment permit, may be granted .....	81
Notice to parents, what to state .....	81
Notice to teachers or superintendents .....	81
Parents, duty of .....	81
School census to be furnished .....	79-80
Truant officers, duty of .....	81
<b>FACTORIES AND WORKSHOPS INSPECTED IN 1917:</b>	
Classified list of factories given alphabetically .....	111-352
Comparisons with canvases of 1916 .....	472-473
Number employed, hours of labor, months operated .....	448-452
Power statistics .....	453-455
Orders given alphabetically by cities .....	353-439
Summary of factory and workshop inspection .....	440-447
<b>FREE EMPLOYMENT BUREAUS:</b>	
Battle Creek .....	86-87
Bay City .....	88
Detroit .....	89-90
Flint .....	91-92
Grand Rapids .....	93-94
Jackson .....	95-96
Kalamazoo .....	97
Lansing .....	98-99
Muskegon .....	99-100
Saginaw .....	100-108
Summary and character of positions of ten offices combined .....	102-101
<b>HOTEL INSPECTION IN 1917:</b>	
Alphabetical list of hotels inspected by counties .....	563-579
Orders issued in hotels .....	580-589
Summary of hotel inspection .....	590-599
<b>LABOR LAWS COMING UNDER THE JURISDICTION OF THE DEPARTMENT:</b>	
Coal Mine Laws:	
Accidents, report of .....	64
Abandoned mines .....	57
Annual report .....	64
Bandages .....	64
Blankets .....	64
Blasting in mines .....	65
Boiler and engine room location .....	59
Breakthroughs and brattices .....	58
Caps .....	64

LABOR LAWS COMING UNDER THE JURISDICTION OF THE DEPARTMENT:—  
Continued.

	Page
Cause as to property . . . . .	65
Communications, means of . . . . .	62
Defraud, intent to . . . . .	66
Doors . . . . .	58
Egress, two places of . . . . .	60
Electricity . . . . .	59
Engineers, competent and sober . . . . .	63
Escape shaft equipped with hoisting appliances . . . . .	60
Escape shaft equipped with stairways . . . . .	60
Escape shaft, time for constructing . . . . .	60
Escape shaft, ways kept free of foul air . . . . .	61
Explosives, conveying of . . . . .	63-64
Fire extinguishers . . . . .	59
Gasoline engines . . . . .	59
Hoisting men, safety in . . . . .	63
Ice and obstructions . . . . .	61
Inflammable buildings . . . . .	59
Inspector, authority to enter . . . . .	55
Inspector, police power of . . . . .	54-55
Inspector of weights . . . . .	55
Intoxicants . . . . .	65
Lights . . . . .	62
Lights at the top and opening of shaft . . . . .	61
Loading cars, riding . . . . .	65
Map of mines . . . . .	56-57
Mine foreman, duties of . . . . .	64-65
Mine inspector, appointment of . . . . .	54
Oil, purity of . . . . .	58
Oil, regulation of . . . . .	58-59
Penalty . . . . .	66
Pit boss . . . . .	64-65
Props . . . . .	64
Prop roof . . . . .	65
Props, shall not waste . . . . .	66
Refuge, places of . . . . .	62
Safety appliances . . . . .	62
Sanitary conditions . . . . .	66
Signals . . . . .	62
Signals, code of . . . . .	63
Sign boards . . . . .	61
Stable location . . . . .	61
Stretchers . . . . .	64
Surveys ordered . . . . .	56-57
Terms defined . . . . .	53-54
Test weights . . . . .	55
Timbers . . . . .	64
Travelways . . . . .	61
Traveling way around bottom of shaft . . . . .	61
Ventilation . . . . .	57
Wash houses . . . . .	59-60
Weighman to make oath . . . . .	55-56
Department of Labor:	
Age certificates . . . . .	33-36
Appropriations . . . . .	31
Appropriation, Annual . . . . .	47
Appliances, construction of . . . . .	44
Assistance . . . . .	47
Belts, safeguards . . . . .	39
Boilers, stationary, steam . . . . .	46
Canning establishments . . . . .	32-33
Children, employment of . . . . .	33-36
Closets . . . . .	39-40
Collecting information of officials . . . . .	31
Commissioner of Labor, Appointment of . . . . .	29
Deputy Commissioner of Labor . . . . .	29-30
Deputies, Reports of . . . . .	40
Doors to open outwardly . . . . .	38
Duties of Department . . . . .	29-30
Elevator openings . . . . .	37-38
Exhaust fans . . . . .	39
Factories, accession to . . . . .	32
Factories, annual inspection of . . . . .	40-41
Factory inspectors, appointment of . . . . .	29
Factory inspectors, power to condemn . . . . .	38
Factory inspectors, powers and duties . . . . .	40
Factory inspectors, who deemed . . . . .	40
Factory, who may visit and inspect during working hours . . . . .	45
Falsely testifying, penalty for . . . . .	32
Fans and blowers to provide . . . . .	44-45
Females and minors, certain work not allowed . . . . .	36-37
Females and miners, employment of . . . . .	32-33
Females, labor in saloon . . . . .	43
Females, seats for . . . . .	43
Fire escapes . . . . .	38
Foundries . . . . .	43
Free Employment Bureaus, creation of . . . . .	46-47

LABOR LAWS COMING UNDER THE JURISDICTION OF THE DEPARTMENT:—  
Continued.

	Page
Gearing and dangerous machinery, safeguarded	39
Handrails	38
Holisting shafts, guarding of	37-38
Hours of labor	32-33
Improvements, inspectors may order	42
Inspections, etc	29-30
Labor law violation, complaints of	41
Low water alarm	46
Machines to carry away dust	45
Organization of Department of Labor	29
Penalty	47
Permits issued	33-36
Persons operating factories, duties of	44
Powers of Department of Labor	29
Prosecutions	45
Railway cars for sleeping purposes	39-40
Reports, yearly	40-41
Salaries	31
Screens where females are employed	38
Special agents	29-30
Special canvassers	31
Suction pipes, size of	44
Subpoena, failure to obey	30-31
Supervisors and assessors, duties of	31-32
Supplies	31
Tenement house work	41-42
Tenement house work, permits	41-42
Theatrical children	36-37
Wash and dressing rooms	39-40
Well holes	37-38
Witness, examination of	30-31
<b>Hotels:</b>	
Certificates, false	52-53
Certificates, where posted	52
Commission, power of	52
Drainage	51
Fire escapes	50-51
Fire extinguishers, chemical	51
Hotel inspector	52
Hotel inspectors, duties of	52
Hotel inspectors, powers granted	52
Inspector, hindrance of	53
Manila ropes	51
Penalty	53
Prosecutions	53
Rooms, how furnished	51-52
Sanitation violations	51
Way of egress obstructed	50-51
<b>Private Employment Agencies:</b>	
Fee	49
Fee, disposition of	48
Fee, limit of	49
License required	48
Other things prohibited	50
Penalty	50
Surety bond	48-49
Receipts	49
Register to be kept	49
Repayment	49
Things prohibited	49
<b>Vessel and boat inspection:</b>	
Accident reports, to whom made	77
Boilers to be tested	67-68
Certificates, duplicate	68
Certifying falsely	77
Certificates, when they shall continue in force	75
Commissioner may appeal to	66-67
Commissioner, duties of	67
Compensation	76
Dangerous articles not to be carried	74
Deputy, who so deemed	76
Fees, securing	76
Fire apparatus to be carried	71-72
Inspection fee, to whom paid	76
Inspector, qualifications of	66-67
Laws to be posted	75
License, suspension or revocation	77
Life preservers, number of	72
Lights to be carried	71
Master, examination of	73
Name, vessel	73-74
Navigation, Rules of	69-71
Oil	73
Owner responsible for	75
Passengers, receiving and discharging	74
Passengers, transportation in excess of	69

**LABOR LAWS COMING UNDER THE JURISDICTION OF THE DEPARTMENT:—**

	Page
Continued.	
Penalty .....	74
Penalty of additions .....	76
Pilot and engineer, examination of .....	73
Report to be made .....	75
Row boats to be carried .....	72
Safety valves of boilers, obstruction of .....	73
Search lights, flashing of .....	77
Stairways and gangways .....	69
Steam boats, construction of .....	69
Steam, quantity to be carried .....	74
Supplies .....	76
Witness fees .....	78
Witnesses, oaths .....	77
<b>PRISON AND REFORMATORY STATISTICS:</b>	
Detroit House of Correction, Detroit .....	675-676
Industrial Home for Girls, Adrian .....	678-679
Industrial School for Boys, Lansing .....	676-677
Michigan Reformatory, Ionia .....	671-674
Michigan State Prison, Jackson .....	669-670
State House of Correction and Branch Prison, Marquette .....	674-675
<b>PRIVATE EMPLOYMENT AGENCIES:</b>	
Licenses issued in 1917 .....	665
Private employment agencies .....	663-664
<b>RECORD OF ACCIDENTS IN 1917:</b>	
Nature of business .....	628-629
Cause of accident .....	630-633
Result of accident .....	632-633
<b>RESTAURANT INSPECTION 1917:</b>	
Alphabetical list of restaurants inspected by counties .....	600-615
Orders issued in restaurants .....	616-621
Summary of restaurant inspection .....	622-627
<b>STATISTICS FOR SEVENTY LEADING CITIES:</b>	
Number employed and average daily wages .....	456-463
Minimum and maximum hours of labor, power statistics .....	464-471
<b>STORE INSPECTION:</b>	
Orders issued in stores .....	544-549
Summary of store inspection .....	550-559
Table showing inspection by counties .....	477-543

































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331 Mich. Dept. of labor  
Ms8  
1918  
Annual report

70080

331

M58  
1918



A000018412642



331 Mich. Dept. of labor M58  
Annual report 1918

70080

331

M58  
1918



A000018412642

331 Mich. Dept. of labor <sup>M58</sup>  
1918  
Annual report

70080

331

M58  
1918



A000018412642

