THIRTEENTH REPORT

OF THE

Bureau of Labor Statistics

FOR THE

STATE OF IOWA

For the Biennial Period 1906-1907

EDWARD D. BRIGHAM, COMMISSIONER



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LETTER OF TRANSMITTAL.

STATE OF IOWA,
OFFICE OF COMMISSIONER OF LABOR STATISTICS,
October 1, 1908.

HON. ALBERT B. CUMMINS, *Governor of Iowa:*

SIR,—In compliance with Section 2470, Chapter 8, of the Supplement to the Code, I have the honor to present herewith for your consideration the thirteenth report of this department.

Very respectfully,

EDWARD D. BRIGHAM, *Commissioner.*

DEPARTMENT OFFICIALS AND ASSISTANTS.
1907.

EDWARD D. BRIGHAM.....Commissioner
ALFRED SHEPHERD .....Deputy Commissioner
FRANK BRADLEY .....Factory Inspector
WILLIAM W. SHANNON.....Clerk

ACKNOWLEDGEMENTS.

The continued co-operation and good will of the various monthly, weekly and daily publications sent this department are gratefully acknowledged.

FACTORY INSPECTION.

In the two year period covered by this report the factory inspection work of the department has been carried on as in former years in an endeavor to raise the standard of conditions in our factories and workshops as regards the safety, comfort and well being of the people employed therein. Each year finds new industries established in the state, those already established are increasing in extent, and while the duties and responsibilities of the department are increasing, it is my purpose that the work of the department along the line of factory inspection work shall show the highest degree of efficiency. How well we have succeeded in this can perhaps best be proved by men who are in a position to observe, and who are qualified to testify.

A representative of one of the leading life insurance companies, (a company that writes a large amount of casualty insurance in this state) in the course of an address before the convention of factory inspectors held at Hartford, Conn., in 1907, said, "To illustrate the thoroughness of the state inspectors' work, we have on several occasions questioned some of our inspectors, notably in the states of Wisconsin, Iowa, Indiana, Ohio, New York, Connecticut and others also, as to why so many of their reports of factories showed a clean bill of health, so to speak. Certainly it appeared that they were getting lax in their work when in so many of their reports there were no recommendations for improvents or repairs. The reply was that the reports submitted were the only honest ones they could make, and accused the state inspector, who perhaps had just preceded him, of being so thorough that there was nothing left for him to find fault with. The explanation, of course, was satisfactory, and we hope you will continue in the good work."

During the biennial period, 1,430 inspections have been made covering 1,086 establishments in 72 counties of the state, the total number of persons employed in these establishments at date inspections were made, was 60,601, of which number 45,451 were

men and boys over 16, 13,970 were women and girls over 16 and 1,180 were children between 14 and 16.

Three cases of violation of law on guarding of machinery were prosecuted and conviction secured in each case.

Up to date of compilation of the 12th report, the child labor law had been in effect only four months, and as stated at that time our inspectors visited the establishments where child labor was most likely to be found, explained the law, had all children dismissed who were under the age limit, and assisted employers in making up and posting the lists of children under 16.

This policy of endeavoring to help employers to live up to the requirements of the law was pursued until it became evident that some were taking advantage of our attitude toward them, and ignored the restriction by employing children regardless of age.

The first information was filed April 10, 1907, at which time five employers engaged in the pearl button industry, together with 12 parents whose children were found in these places, were brought into court and fined. Others followed later in various industries and in most cases no mitigating circumstances were found. In nearly all cases where parents were prosecuted, they were visited by the inspector, just to learn their attitude toward the law, and the circumstances in which the family were placed. A majority of them were defiant and claimed that the law was merely intended to persecute them and their children. Some, we believe, with honest intent, pleaded ignorance. Among them were several mechanics who were earning good wages and were exploiting their children for further gain; while some well-to-do business men whose children were found in factories under the age limit were indignant at the child labor law being so interpreted as to apply to them.

At first the statements of the children as to their age were used against the employers and the parents in convicting them, but indications now point to the fact of their being taught to make false statements in the hope that they may deceive the inspector, so that it is becoming still more difficult under the law as it now reads to bring proof of violation. It is surprising how many children on being questioned, are, "just past fourteen."

Complaints reach this office by mail occasionally as to alleged violations of the law, but each complainant declines to furnish any proof of age, wishing not to have their names mentioned, nevertheless, until the law is so amended as to place the burden

of proof on the employer or parent instead of on the inspector, any asistance that is given us will be heartily appreciated.

Up to date, 129 children under 14 years of age have been dismissed from factories, workshops and stores through the efforts of inspectors; this does not include the many children who were dismissed by employers in a voluntary endeavor to comply with the requirements of the new law.

To date, 60 cases of violation of child labor law have been brought into court, and in each case conviction has been secured excepting one case in which action was brought on statement of child, but parent afterward furnished satisfactory proof that child was over 14, and two others where parties escaped arrest, one through prolonged sickness, and the other by leaving the city and state.

Recent visits of inspectors reveal the fact that there is a disposition on the part of a majority of employers to comply strictly with the requirements of the law, and they invite thorough investigation of their establishments.

Table No. 1 gives a list, by counties, of 1,214 orders and recommendations made by inspectors during period covered by this report, a few only of which have not been complied with. Several are being held in abeyance pending extensive improvements, while others have been cancelled by parties going out of business.

Table No. 2, gives a summary by counties, of establishments visited, and number of orders issued in each county for the various requirements of law.

Table No. 3, gives a list of cases brought into court for prosecution, names of parties and establishments where violations were found being omitted.

Table No. 4, gives a record by counties, of the fatal and non-fatal accidents reported to this Bureau for the biennial period, with date of accident, occupation, sex, cause of accident and extent of injury.

There were 27 fatal, and 1,110 non-fatal accidents reported, and while this is not to be considered as a complete report, it is of great importance to the people of Iowa as an indication of what is going on daily in the industrial world.

There can be no complete report until there is some specific law enacted requiring such a report, with adequate penalties for violation thereof, and added facilities of the Bureau to handle the work.

ORDERS AND RECOMMENDATIONS TO EMPLOYERS.

Following is a list, by counties, of 1086 orders and recommendations issued to employers by factory inspectors during the period since compilation of the Twelfth report:

Recommendations Made.

ALLAMAKEE COUNTY.

Clean out closet used by employes.
Protect all projecting set screws throughout factory.
Place guard to belt on crushing machine.
Rebuild stairway from first to second floor.
Place additional guard railing to engine fly-wheel.
Place fire-escape on building from third story to ground.
Place guard around engine fly wheel.
Repair floor over gears on log hauler.
Place guard around slab saw.
Clean out closet in yard.
Protect all projecting set screws through out facotry.
Protect all projecting set screws.
Place guard in front of band saw.
Repair closet in yard and put same in good condition.

APPANOOSE COUNTY.

Protect all set screws in laundry.
Tighten up boxes on south end of main shaft.
Provide water closet for help in plant.
Protect all set screws in mill.
Provide separate water closet for female help.
Protect all projecting set screws.
Guard belt pulley on motor.
Protect all set screws on shafting.
Provide separate water closet for female help.

BENTON COUNTY.

Cover exposed key on engine shaft.
Protect projecting set screws on shafting.
Box-up belt openings in floor.
Protect two pairs of gears on capping machine.
Provide guard railing to engine fly wheel.
Place guard around bevel gears on two silking machines.
Guard bevel gears and one set screw on filling machine.
Budge over opening in conveyer in husking shed and board up side openings in same.
Cut off projecting end of shaft on third floor.
Guard two pairs of gears on each capping machine.
Provide guard railing along both sides brushing machine.
Box in west end of conveyer.
Guard sprocket wheels on corn conveyer; also two set screws on same.
Provide separate entrance for employes in can room.
Guard chain and sprocket wheel on corn carrier.
Provide separate entrance for employes in can room.
Guard two projecting set screws.

BLACK HAWK COUNTY.

Guard sprocket wheels on both ends of conveyer in husking shed.
Guard one pair of gears on third floor.
Protect all projecting set screws on shafting.
Fence in carrier on east end of husking shed.
Place guard on jointer.
Guard lower part of band saw.
Place guards around gears and sprocket wheels on two silking machines.
Make repairs to elevator gates.
Protect one set screw on shafting.
Guard gears and sprocket wheels on four silking machines.
Fence up open side of elevator shaft.
Protect two pairs of gears on rolling machines.
Guard lower wheel of band saw.
Repair floor planking near Corliss engine on well No. 1.
Place additional guard railing to engine fly wheel north side.
Guard one pair of gears on tying machine, protect one set screw.
Protect one pair of gears on dovetailing machine.
Provide guards to gears on gang drill press, protect one set screw.
Protect two set screws on shafting to small tumbling mill.
Box in small tumbling mill.
Place shield on lower part of band saw.
Place guard railing on exposed side of engine fly wheel.
Place shield on lower wheel of band saw.
Provide separate water closet for use of female help.
Protect all projecting set screws.
Place shield on lower wheel of band saw.
Protect all protecting set screws.
Provide hand railing to stairway near elevator.
Provide guard railing on exposed side of engine fly wheel.
Guard main driving belt near idler.
Provide hand railing on stairway leading to basement.
Protect all projecting set screws.
Provide belt shifter to emery wheel.
Connect gates to elevator on second floor to work automatically.
Provide water closet for use of female help.
Protect two projecting set screws on shafting.
Re-arrange water closet used by employes and keep same in clean condition.
Repair platform to elevator.
Place railing around fly wheel of engine.
Guard one pair of gears on each of two drawing presses.
Guard one pair of gears on gear shaper.
Repair broken seats in water closets.
Make necessary repairs to suction equipment on emery wheels.
Place guard over bevel gears on purifier, second floor.

BREMER COUNTY.

Provide guard railings to two large driving belts.
Protect two pairs of gears on each capping machine.
Protect all projecting set screws on shafting.
Guard exposed portion of rope drive in basement.
Guard belt and pulley of main shaft.
Place guard on small swing saw.
Extend guard over knife on planer.
Guard bevel gears on small drill press.
Remove or protect all set screws.
Protect elevator shaft in south room.
Place hand railing on front stairway.
Provide additional protection to conveyer in husking shed.
Place guard around gears and sprocket wheels on silking machine.
Guard two pairs of gears on capping machine.

BUCHANAN COUNTY.

Guard sprocket wheels on both ends of conveyer in husking shed.
Bridge over exposed portions of husk conveyer.
Guard belt openings on second floor.
Guard two pairs of gears on capping machine.
Provide new closet for women in better location and screen same.
Place guard railing around large fly wheel of Corliss engine.
Provide railing also around small fly wheel.
Protect crank of low pressure engine.
Place railing along driving belt from Westinghouse engine.
Provide railing at exposed part of rope drive.

BUENA VISTA COUNTY.

Construct iron stairway fire escape on north side of hotel building.
Place a guard railing around end of small engine fly wheel.

CALHOUN COUNTY.

Provide suitable and separate water closet for use of female employes.
Remove or protect all projecting set screws.

CARROLL COUNTY.

Provide separate water closet for female help at laundry.
Remove or protect all projecting set screws.

CASS COUNTY.

Place guard on bevel gears of small drill press.
Guard set of bevel gears on second floor.

CEDAR COUNTY.

Provide oil-dasher guard to crank of Corliss engine.
Clean out closet and put same in good condition.
Place guard railing and belt and fly wheel on engine.
Guard gears on brick machine.
Guard one pair of gears on elevator, repair holes in second floor.
Extend hand railing to stairway on second floor.
Extend guard over rope drive on second floor.
Guard two pairs of gears on capping machine.
Place additional railing around conveyer in husking shed.

CERRO GORDO COUNTY.

Place guards on two jointers.
Provide belt shifter on jointer second floor.
Remove or protect one set screw on machine second floor.
Place guard on one rip saw.
Guard exposed gears on drilling machine.
Provide gates or bars to protect elevator opening second floor.
Provide separate water closet for use of female employes.
Provide loose pulleys and belt shifter to machines not thus equipped.
Provide stairway fire escape from third floor of factory.
Place sheet iron guard over gears on body ironer.
Place guards over gears on two body ironers.
Guard gears on neck band ironer.
Place guard over gears on pump in basement.
Guard two projecting set screws.
Provide additional guard railing to large Corliss engine.
Make necessary repairs to elevator gates.
Protect set screws on sprocket wheels on machine feeder.

Provide belt shifters to all machines not thus equipped.
Provide safety collars in place of projecting set screw collars.
Remove projecting ends of bolts on shaft couplings.
Place guard railing around north end of engine fly wheel.
Remove or protect one projecting set screw.
Protect exposed key on driving shaft of brick machine.
Guard one exposed set screw on driving shaft to clay rolls.
Guard gears and remove projecting key on shearing machine.
Guard bevel gears on small drill press.
Protect gears on bolt cutting machine.
Remove two projecting set screws on shafting.
Repair door to closet in yard.
Guard belt and pulley on engine shaft.
Provide belt shifters to machines not thus equipped.
Maintain bars to elevator shaft in proper working position.
Clean out closet in yard.
Provide water closet for use of office force.
Clean out closet used by employes at power house.
Provide suitable closets for use of workmen at plant.
Cover ends on projecting drill press, also on pipe machines.
Cover ends of projecting shafts on stone crushers.
Erect fence on east stone roll.
Provide extra rail on stairs to No. 9 crusher.
Place planks in open places in floor.
Provide guard railing to belt in clay elevator room.
Cover hole in floor in tubo mill.
Remove projecting set screws in coal room.
Cover gears on stokers in coal room.
Put rail around towers in coal building.
Box in gearing on conveyers in basement packing room.
Place guard railings around engine fly wheel.
Provide railings to guard gears on clay machine.
Box in ears on granulator, place railing along roller belt.
Place shield over crusher rolls.
Provide closet for use of employes in plant No. 2.
Provide railing in front of gears on tile machine.
Protect two set screws on suction fan shaft.
Clean out closet in yard.
Protect all projection set screws on shafting.
Guard exposed gears on clay machines.
Provide friction clutch or loose pulley and belt shifter to roll grinding machine.

CHEROKEE COUNTY.

Place guard over bevel gears on small drill press.
Place guard on band saw.
Provide friction clutch on line shaft driving circular rip saw.
Provide friction clutch on shaft driving emery wheel in engine room.
Guard bevel gears on small drill press.
Place disinfectant in closet, guard gears on bolt cutter.
Provide separate closet for use of female employes.
Protect all projecting set screws on shafting.

CHICKASAW COUNTY.

Protect all set screws and couplings on shafting.
Place shield around gears of gig machine.
Place hand railings on stairway to third floor.
Protect two projecting set screws on purifier.
Guard one pair bevel gears on gyrator.
Place guard railing to exposed side of engine fly wheel.
Provide guard in front of heated rolls on mangle.

CLAY COUNTY.

Place guard railing around exposed side of engine fly wheel.
Protect one projecting set screw on hoisting drum.
Post list of children under 16 years of age.
Place guards over gears on three purifiers.
Remove projecting bolts in coupling on second floor.
Protect projecting set screws on shaft in engine room.
Clean out closet in yard.
Place railing around opening in first floor.
Place guard in front of gears on clay machine.
Place shield on end of shaft of same.
Provide guard over main shaft at coupling.
Protect set screw on hoisting drum shaft.
Provide closet for use of employes.

CLAYTON COUNTY.

Remove or protect all projecting set screws.
Place guard railing around engine fly wheel.
Provide new and suitable closet for use of employes.
Place additional guard over large cross cut saw.
Place guard over end of crank shaft of dynamo engine.
Provide screens in front of closets used by employes.
Discharge one boy seven years of age.
Provide loose pulleys and belt shifters or friction clutches to machines not thus equipped.
Guard large cross cut saw.
Provide railing to mill engine fly wheel.
Guard end of engine crank shaft.
Provide additional guard railing to engine fly wheel.
Provide oil dasher guard to crank of engine.
Discharge one boy 13 years of age.

CLINTON COUNTY.

Discharge one boy 13 years of age.
Place guard railing around exposed side and end of engine fly wheel.
Guard bevel gears on two small drill presses.
Place guard on jointer.
Place guard on band saw, also on trimming saw.
Guard band saw, place guard on rip saw.
Guard exposed side of engine fly wheel.
Repair plumbing at sink near men's water closet.
Post list of children under 16.
Guard two exposed set screws and one pair of gears on drum filling machine.
Protect driving belt of same machine.
Place guards over gears on two flour mixing machines.
Protect two projecting set screws.
Guard openings to elevator shafts where not protected by gates.
Place guard over cross cut saw in yard, guard set screw on same.
Remove or guard set screws on second floor in mill.
Provide loose pulleys and belt shifters to machines not thus equipped.
Place guards over two cross cut saws.
Place improved guard over large jointer.
Guard bevel gears on two small drill presses.
Place guard railing to engine fly wheel.
Guard exposed gears on two punching machines.
Provide new and suitable water closet for men in factory.
Discharge four boys under 14 years of age.
Discharge one boy under 14.

Keep posted a list of children under 16.
Guard exposed side of engine fly wheel.
Guard pulley and belt of blower.
Guard gears of conveyer and mixer.
Keep correct list of children under 16 years of age.
Remove or cover all projecting set screws.
Place guard on exposed side of engine fly wheel.
Provide additional guard around pump belt.
Place guards on two jointers.
Place loose pulley and belt shifter on dado machine.
Place belt shifter on boring machine.
Place guard on front of band saw.
Place guard over two cross cut saws.
Repair and clean closet in yard.
Disinfect urinal inside of factory.
Post list of children under 16 years of age.
Protect one projecting set screw on shafting.
Post list of children under 16.

DALLAS COUNTY.

Repair closet used by employes.
Protect all projecting set screws in works.
Protect one pair of exposed gears on pug mill.
Protect exposed end of line shaft, also exposed end of shaft on brick machine.
Protect all exposed set screws.
Provide gates or bars to openings on both elevators.
Provide better closets for use of employes.
Place guard railings to fly wheels on both engines.
Place railing on end of platform over belt of small engine.
Place additional railing on exposed side of engine fly wheel.
Provide screen in front of pulley on dynamo.
Protect all projecting set screws in mill.
Provide separate water closet for use of female employes.
Place guard railing to engine fly wheel.
Protect one coupling on upright shaft.
Protect projecting set screws on line shafting.
Place shield over bevel gears on pug mill.
Protect all projecting set screws throughout works.
Guard sprocket wheel at discharge end of wiping machine, guard set screws.

DELAWARE COUNTY.

Place guards around large bevel gears on main shaft.

DES MOINES COUNTY.

Provide safety collars in place of projecting set screw collars.
Cut off projecting ends of bolts in shaft couplings.
Place guard over gears on veneer machine.
Provide counter shaft with loose pulley to rip saw.
Repair holes in floor.
Place efficient guards on two jointers.
Guard bevel gears on small drill press.
Provide safety collars in place of projecting set screw collars.
Place guard at side of re-sawing machine.
Make necessary repairs to water closets in factory.
Guard one pair of gears on soap crutcher.
Provide ladder fire escapes from third floor.
Provide additional guard railing to engine fly wheel.
Place guard over gears on hub-morticing machine.

Guard gears on four small drilling machines.
Protect one set screw on line shaft.
Protect gears on punching machine.
Place guard over cross cut saw.
Provide safety collars in place of projecting set screw collars.
Make necessary repairs on emery wheel shaft, protect one set screw.
Provide guards to two cross cut saws.
Guard bevel gears on small drill press in engine room.
Protect one set screw on shafting.
Provide oil-dasher guard to crank of engine.
Erect fire escape on factory building.
Place guard on jointer.
Remove projecting key on line shaft.
Guard bevel gears on small drill press.
Protect three projecting set screws.
Repair suction pipes on woodworking machines.
Put water closet in plant in clean and sanitary condition.
Remove or protect all set screws on shafting.
Discharge one boy under 14.
Post list of children under 16.
Put elevator gate on first floor in good working order.
Discharge one girl under 14.
Protect all set screws on shafting in factory.
Protect all set screws in laundry.
Place automatic gate on elevator at first floor north side.
Protect all set screws on shafting.
Protect all set screws in laundry and box factory.
Discharge two boys under 14.
Post list of children under 16.

DICKINSON COUNTY.

Place one stairway fire escape on hotel building.
Provide iron fire ladder on mill from upper floor.
Place guards over set screws on flour packer.
Place guard railing across opening between dynamos.
Place guard railing around north end of small dynamo.

DUBUQUE COUNTY.

Keep posted a correct list of children under 16.
Clean out and repair all closets in factory, maintain same in clean condition.
Protect all set screws in basement.
Apply guards to all saws where practicable.
Place guard on new jointer.
Comply with law regarding employment of children on dangerous machinery.
Revise list of children under 16.
Protect one set screw on line shafting.
Post list of children under 16.
Remove or protect all projecting set screws.
Place guards over six cut off saws.
Protect all projecting set screws.
Protect exposed gears on plate bending rolls.
Place railway around engine fly wheel, north side.
Clean out closet in yard.
Place guard railing along line shaft to band saw.
Remove bricks from top of weight on safety valve to boiler.
Protect three projecting set screws.
Protect all projecting set screws in factory.
Remove boy 15 years of age from position as fireman and oiler.

Place additional guard railing to fly wheel of power engine.
Place guard railing along east side engine fly wheel.
Repair railing along west side of same.
Provide steps over crank shaft.
Protect one pair of gears on west end of crusher.
Guard set screws and exposed portion of main shaft in saw mill.
Equip small circular saw with belt shifter.
Place guard over gears on plate bending rolls.
Box in gears on bevel shears.
Guard gears on large punching machine.
Repair seat to girl's closet, provide better approach to same.
Make necessary repairs to men's closet.
Guard pair of bevel gears on small drill press.
Protect three projecting set screws.
Place railing around fly wheel of air compressor.
Repair one smoke-jack and replace broken glass in round house.
Guard two set screws in boiler shop.
Guard one pair of gears on boring mill in axle shop.
Make necessary repairs to closets in machine shop.
Place guard over cross cut saw in car shop.
Place guard over notching machine.
Provide seats for all female employes and permit reasonable use of same.
Place guards over bevel gears on two small drill presses.
Equip elevator with elevator gates; discharge one boy under 14.
Remove all projecting set screws.
Provide seats for all female employes, permit reasonable use of same.
Provide loose pulley and belt shifter on one cross cut saw.
Provide guard for cross cut saw.
Protect two projecting set screws on baleing machine.
Make necessary repairs to closet in yard.
Provide seats for all female employes, permit reasonable use of same.
Equip buffing wheels with suction device to carry off dust.
Protect all projecting set screws.
Extend guard railing on east side of engine fly wheel.
Provide guard railing around exposed side of engine fly wheel.
Protect all projecting set screws.
Protect shafting on floor in basement.
Place guards around gears and sprocket wheels on silking machine.
Guard two pairs of gears on capping machine.
Protect all projecting set screws on shafting.
Fence in conveyer at north end of husking shed.
Make repairs to partitions between closets and screen same.
Remove or protect all projecting set screws in basement.
Equip all elevators in factory with safety gates on each floor.

EMMET COUNTY.

Provide separate closet for use of female employes.
Place additional railing to fly wheel of large engine.
Place railing around exposed end of fly wheel of small engine.
Make necessary repairs to closet in yard.
Place guard railing to engine fly wheel.
Provide hand railing to stairway on second floor.
Cut off projecting end of shaft driving gyrators and protect gears on same.
Place guard over bevel gears on small drill press.

FAYETTE COUNTY.

Place additional guard railing to conveyer in husking shed.
Guard two pairs of gears on each capping machine.
Protect two projecting set screws in factory.
Guard cob conveyer on second floor.
Cover shaft driving conveyer in husking shed.
Make necessary repairs to water column on boiler.
Remove two projecting set screws on shafting.
Provide guard railings to exposed sides of fly wheels of east engine.
Place guard railing to one fly wheel of Ideal engine.
Provide additional guard railing to fly wheel of Corliss engine.
Provide two dust-tight casings over two tumbling barrels.
Apply suction fan to emery wheels.
Protect bevel gears on small drill press.
Clean out closet in yard.
Guard gears on shaper in machine shop.
Protect exposed set screws on shafting.
Guard gears on boring mill in axle shop.
Extend pipe railing around fly wheel of large power engine.
Provide heavier shield over gainer-head in car shop.
Place shield in front of vertical cross-cut saw.
Place guard over knives on jointer.
Make necessary repairs on two water closets.

FLOYD COUNTY.

Remove or protect all projecting set screws.
Remove or protect all projecting set screws.

FRANKLIN COUNTY.

Provide signs and red lights to indicate location of fire escapes.
Provide guard railing on exposed sides of small engine fly wheel.
Provide signs and red lights to indicate location of fire escapes.

FREMONT COUNTY.

Remove or protect all projecting set screws.

GREENE COUNTY.

Keep guard on mangle in constant use.

HAMILTON COUNTY.

Provide separate closet for use of female employes.
Remove projection on ends of line shaft.
Place guard railing around engine fly wheel.
Provide closet for use of employes.
Provide gates to protect openings to elevator on second floor.
Box up opening to driving belt on second floor.
Provide closet for use of employes.
Post list of children under 16.

HARDIN COUNTY.

Place guard railing on exposed sides of engine fly wheel.

HARRISON COUNTY.

Place guard railings to fly wheels of two Corliss engines.
Guard driving belts on above engines.
Protect one projecting set screw on east engine.

HENRY COUNTY.

Provide guard railing to protect crank of Corliss engine.
Place railings to protect belts and clutches.

JACKSON COUNTY.

Discharge three boys under 14 years of age.
Remove or protect all projecting set screws.
Provide stairway fire escape on north side opera house building.
Re-arrange door at head of stairway to open outward.
Place sign and red light to indicate location of fire escape.
Provide stairway fire escape on east end of hotel building.
Remove or protect all set screws on shafting.
Place shield on lower part of band saw.
Place guards on double saws, also on jointer.
Protect band saw by encasing same.
Protect or remove projecting set screws, also protect coupling.
Place guard railing around belt and pulley at door to engine room.
Equip hotel with two stairway fire escapes.
Provide signs and red lights to indicate location of same.
Provide additional exits from opera house by cutting opening through north wall.
Construct balcony in rear of stage and connect with stairway leading to ground.
Construct stairway from flies to connect with south dressing room.
Repair ceiling over stage, remove rubbish from under balcony stairs.
Remove obstructions from balcony windows and keep same clear.
Equip hotel with two stairway fire escapes.
Provide signs and red lights to indicate location of same.
Remove all projecting set screws on shafting.
Replace worn out boilers now in use with others that are in good condition.

JASPER COUNTY.

Provide guard railings to fly wheels of gas engine.
Equip wood working machines with loose pulleys and belt shifters.
Provide guards to two circular saws.
Protect all projecting set screws on shafting.
Provide loose pulleys and belt shifters to circular saws.
Place guards over circular saws.
Protect one exposed coupling on line shaft.
Protect one pair of gears on punching machine.
Guard bevel gears on small drill press.
Provide new closet for use of employes.
Repair water closet and place same in usable condition.
Place guard over bevel gears on small drill press.
Guard gears on punching machine.
Place guard over bevel gears on small drill press.
Guard gears on punch and shearing machine.
Guard one pair gears and one set screw on sticker.
Protect three set screws on shafting.
Provide hoods and dust blower to one pair of emery wheels.
Place guards over gears on two punching machines.
Guard bevel gears on three small drill presses.
Protect all projecting set screws on shafting.
Repair boxing to tumbling barrels in foundry.
Repair cover to elevator opening in floor.
Guard gears on two threading machines.
Repair hoods and blower to emery wheels in foundry.

Guard one pair of gears on punching machine.
Protect two set screws on sheet metal shears.
Erect two stairway fire escapes on hotel building.
Provide ladder fire escape within reach of fly gallery.
Provide stairway fire escape from third floor to near ground.
Provide ladder fire escape on north west corner of store building.
Protect bevel gears on three small drill presses.

JEFFERSON COUNTY.

Remove or protect all projecting set screws.
Place automatic gate on elevator at opening to basement.
Post list of employes under 16 years of age.
Provide guard railing on exposed sides of engine fly wheels.

JOHNSON COUNTY.

Protect gears on small mixing machine.
Remove or protect set screws on shafting.
Guard belts to sewing machines.
Place gates on inside of doors of elevators.
Keep bars and gates to elevator in working condition.
Protect projecting set screws on shafting and in couplings.
Place guard railing around fly wheel of ice machine.
Place railing along rope drive in basement.
Provide guard railing on exposed side of engine fly wheel.
Guard crank end of engine rod, also gears on small drill press.
Guard projecting set screws.
Place guard rail alongside motor pulley and belt.

JONES COUNTY.

Place guards around gears and sprocket wheels on silking machine.
Guard two pairs of gears on capping machine.
Protect three set screws on filling machine.
Provide additional guard railing to conveyer in husking shed.
Protect all projecting set screws.
Guard exposed side of engine fly wheel.
Guard all exposed set screws.
Provide guard railing on exposed side and end of engine fly wheel.
Place railing in front of line shaft.

KOSSUTH COUNTY.

Place belt shifter on disc jointer.
Place belt shifter on planer in east room.
Apply spring to guard on surface jointer.
Provide safety collar in place of projecting set screw collar on shafting.

LEE COUNTY.

Place guard over one pair of gears on second press.
Protect several set screws yet unguarded.
Straighten fly wheel on large engine.
Post list of children under 16.
Place safety feed guard on large mangle.
Provide separate water closet for female help.
Protect all projecting set screws.
Place guard on pulley of tomato filler.
Remove or protect all projecting set screws.
Guard one set of large bevel gears.
Connect up suction pipes on emery wheels in polishing room.
Protect all projecting set screws.
Keep gates on elevator in working order.

Provide separate water closet for female help at laundry.
Provide guard railing at exposed sides of fly wheels of large and small engines.
Guard crank end of rod of small engine.
Keep elevator gates and doors in working order.
Post list of children under 16.
Guard exposed side of engine fly wheel.
Provide rubber mat on concrete floor in front of switchboard.
Keep correct list posted of children under 16.
Provide guard railing on open side of elevator platform in refinery.
Remove or protect all projecting set screws.
Provide rubber mat for floor in front of switchboard.
Protect projecting set screws in workshops.
Guard gears on grinding machine.
Place guard on band saw.
Provide guard railing around engine fly wheel.
Guard main belt and pulley to conveyer, protect set screws.

LINN COUNTY.

Place guards over gears on corn filler.
Place guards over gears on tomato filler.
Bridge over exposed portion of conveyer in husking shed.
Guard sprocket wheels on both ends of conveyer in husking shed.
Construct fence at east end of conveyer.
Provide belt shifter to sausage cutter.
Guard two pairs of gears on sausage mixer.
Protect all projecting set screws.
Place guard over bevel gears on small drill press.
Protect all projecting set screws.
Place belt shifters on machines not thus equipped.
Provide necessary ventilation to water closet on second floor.
Place guard over gears on small drill press.
Post list of children under 16.
Place guard or fence to protect engine fly wheel and end of shaft.
Place hand railing to stairway on third floor in brew house.
Make necessary repairs on men's water closets.
Protect exposed ends of driving shafts located near floor.
Protect two set screws in starch house.
Guard one pair of gears on center machine.
Guard four exposed set screws on line shaft.
Cover gears on staple machine.
Provide additional pipe railing to engine fly wheel.
Place guard over gears on barb wire machine.
Protect projecting set screws on shafting.
Provide ventilation to closet on third floor.
Protect all projecting set screws on shafting.
Provide seat to water closet in factory building.
Protect one exposed set screw in wood working shop.
Provide belt shifter to automatic grinding machine.
Protect three projecting set screws.
Make necessary repairs to drainage from water closet.
Provide new seat to men's water closet.
Post list of children under 16.
Discharge one boy 12 years of age.
Post list of children under 16.
Place guards over gears on two body ironers.
Protect one exposed set screw on line shafting.
Provide safety collars in place of projecting set screw collars on shafting.
Place shields around gears on silker.

Provide shield to sprocket wheels on filling machine.
Place guard railing to fly wheel of engine.
Discharge one boy 12 years of age, post list of children under 16.
Place guard over gears on neck band ironer.
Provide fan to take out hot air from workroom.
Post list of children under 16.
Post list of children under 16.
Remove or protect all set screws in brick plant.
Guard bevel gears on drill press second floor.
Remove or protect all exposed set screws.
Post correct list of children under 16.
Provide extension guard over pony planer.
Replace guard railing on engine fly wheel.
Place guard railing on exposed side of engine belt wheel.
Post list of children under 16.
Protect balancing weight of elevator by boxing same.
Post list of children under 16.
Place extension guard over knives of pony planer.
Enclose lower wheel of band saw.
Remove or protect all exposed set screws on shafting.
Protect main belt in basement.
Construct sanitary water closet for use of help at plant.
Protect all set screws on shafting.
Post list of children under 16.
Post list of children under 16.
Remove or protect all projecting set screws.
Post list of children under 16.
Provide separate water closet for female help.
Post list of children under 16.

LOUISA COUNTY.

Guard sprocket wheel and chain on tipping machine.
Remove or protect all projecting set screws.

MAHASKA COUNTY.

Place guard on north side engine fly wheel.
Place guard on jointer, guard lower wheel of band saw.
Protect coupling on north counter shaft.
Protect coupling on line shaft, also projecting set screws.
Construct hood and pipe to take off smoke from core oven.
Guard bevel gears on two small drill presses.
Guard all exposed set screws on shafting.
Place guard over gears on punching machine.
Protect all projecting set screws.
Provide guard railing to fly wheel and belt of west engine.
Guard gears on power shearing machine.
Place guard over gears on small drill press.

MARION COUNTY.

Provide guard railing on exposed sides of fly wheel of refrigerator engine.
Guard one set of bevel-gears.
Remove or protect all projecting set screws.
Guard sprocket wheel and chain at discharge end of wiping machine.
Place guard on jointer.
Guard lower part of band saw by enclosing same.
Place guard railing on exposed side of engine fly wheel.

MARSHALL COUNTY.

Place guard on lower wheel of band saw.
Protect exposed set screws in coupling.
Place guard over bevel gears on small drill press.
Remove or protect all projecting set screws.
Remove or protect all projecting set screws.
Equip emery wheels with hoods and suction fan.
Enclose tumbling barrels to prevent escape of dust.
Protect all projecting set screws, place shield in front of band saw.
Box up balancing weight of elevator.
Guard bevel gears on axel grease mixer.
Guard sprocket wheels to conveyer in husking shed.
Guard floor opening to cob conveyer.
Protect all projecting bolts and set screws on shafting.
Guard sprocket wheels on cooling conveyer.
Provide automatic gates to elevator second floor.
Fence in unused sides of elevator openings.
Place guards over bevel gears on two small drill presses.
Guard gears on bull dozer also on shearing machine.
Apply hoods and suction device to one pair emery wheels, also to surface grinder.
Provide efficient smoke jacks and keep same in usable condition.
Clean out and repair closet used by employes.
Provide more effcient guard for jointer.
Guard bevel gears on two small drill presses.
Protect all projecting set screws on shafting.
Guard gears on small bolt cutter.
Guard gears on new punching machine.
Place new steps in stairway to second floor.
Provide oil dasher guard to engine at west end of plant.
Extend guard already provided to engine at east end.
Place shield over gears on scraper.
Protect one exposed set screw on dryer, guard gears on mixer.
Provide fence to protect belt on dynamo.
Fence in exposed portion of shaft on small elevator.
Place bars to protect front opening to elevator.
Protect all exposed set screws on line and counter shaft.
Guard exposed gears on two punching machines.
Replace hood on emery wheel in foundry.
Provide automatic gate to elevator in warehouse.
Guard sprocket wheels on two conveyers.
Remove projecting ends of coupling bolts on shafting.
Guard all projecting set screws in factory.

MILLS COUNTY.

Remove or protect all projecting set screws.

MONROE COUNTY.

Place safety feed guard on large mangle.
Place hand railings on stairs.
Provide bars or gates to elevator opening on first floor.
Protect all exposed set screws on shafting.
Provide separate water closet for female help in factory.
Guard bevel-gears on small drill press.
Discharge three boys under 14 years of age.
Protect exposed set screws on shafting.
Place guard railing on short stairway near engine fly wheel.
Provide hand railing on stairway to second floor.
Cover or remove all projecting set screws.
Place guards over gears on bread and cake mixing machines.

MONTGOMERY COUNTY.

Provide guard railing alongside belt connecting engine and large dynamo.
Comply with law governing employment of children on dangerous machinery.

MUSCATINE COUNTY.

Post list of children under 16 years of age.
Construct convenient and suitable water closet for help at mill.
Post list of children under 16 years of age.
Discharge one girl 13 years of age.
Discharge seven boys under 14 years of age.
Post list of children under 16.
Discharge one girl 13 years of age.
Post list of children under 16.
Guard one pair of gears on printing press.
Remove boy of 14 found operating printing press.
Revise list of boys under 16 years of age.
Discharge one boy under 14 years of age.
Post list of children under 16.
Box in exposed driving belt on second floor.
Provide safety collars in place of exposed set screw collars.
Remove three boys under 16 found employed on dangerous machinery.
Post list of children under 16.
Revise list of children under 16.
Provide guards to cover bevel gears on 7 small drill presses.
Provide loose pulley and belt shifter to emery wheel in basement.
Discharge three children under 14 years of age.
Post list of children under 16.
Place guard on lower part of band saw.
Post list of children under 16.
Remove or protect all projecting set screws.
Provide guard railing at exposed places in rope drive.
Place railing alongside belt from small engine.
Provide guard railing at exposed side of engine fly wheel.
Equip elevator with safety gates.
Protect all projecting set screws.
Post corrected list of children under 16.
Remove or cover all projecting set screws, guard shaft near door.
Post list of children under 16.
Guard balance weight of elevator.
Guard main driving belt on second floor.
Place hand railing on short stairway, first floor.
Provide guard railing to protect fly wheel and belts of small engine.
Provide suitable water closet for use of help at plant.

O'BRIEN COUNTY.

Place guard railing around fly wheel of large engine.
Set guard on large mangle lower and closer to rollers.
Place guard over coupling on main shaft.
Guard one pair of gears on neckband machine.
Provide separate closet for use of female help.
Place guards over gears on four purifiers.
Protect all projecting bolts and set screws on shafting.
Place guard railing to main driving belt in big four mill.
Provide ladder fire escapes from upper floor of each mill.

OSCEOLA COUNTY.

Provide guard railings on both sides of engine fly wheels.
Protect all exposed set screws throughout mill.
Guard gears on two purifiers.
Guard gears on grading machine.
Place hand railings on stairways on second and third floors.
Provide iron fire ladder from top floor.

PAGE COUNTY.

Guard one coupling, protect all projecting set screws.
Place guards on jointer, shaper and rip saw.
Place guard railing on exposed side of fly wheel of large engine.
Guard exposed side of fly wheel of refrigerator engine.
Place guard railing on fly wheel and crank of large engine.
Equip elevator in north building with safety gates.
Post list of children under 16.
Provide guard railing at exposed places on engine fly wheels.
Protect or remove all projecting set screws.
Place hand railing to stairway on second floor.
Provide automatic gates to elevator.
Place guard railing around engine.

PLYMOUTH COUNTY.

Provide guard railing on exposed side fly wheel No. 2 engine.
Place additional railing on north side fly wheel of large engine.

POLK COUNTY.

Place guards on bevel-gears of two mixing machines.
Guard sprocket wheels and chains of two wiping machines.
Make necessary repairs to men's water closet.
Repair governor to engine, put same in serviceable condition.
Remove two projecting set screws in basement.
Make necessary repairs to brick work on boiler, have boiler inspected.
Comply with law prohibiting employment of children on dangerous machinery.
Provide guard railing to engine fly wheel.
Provide means to carry off smoke and fumes from portable forge.
Place guard railing to fan belt on first floor.
Provide belt shifter to blade grinder.
Remove broken pulley-hub from shafting.
Provide splitter to rip saw, remove projecting set screws.
Repair two holes in floor, have general cleaning out of chips and saw dust.
Repair seat to water closet used by female employes.
Post list of children under 16.
Protect one coupling on main shaft.
Provide efficient guard for mangle.
Provide separate closet for use of female employes.
Abolish urinal used by employes in planing mill.
Provide improved ventilation in factory.
Discharge two boys under 14 years of age.
Remove girls under 16 from operation of dangerous machinery.
Provide proper ventilation to water closet on each floor.
Provide separate aproaches for male and female help.
Provide proper ventilation to closets on each floor.
Protect exposed gears on crab machine.
Remove projecting ends of bolts on coupling.
Protect all projecting set screws on shafting.
Place guards in front of gear and rack on cutting machines.

Protect all projecting set screws on shafting.
Post list of children under 16.
Provide separate water closets for female help.
Keep posted correct list of children under 16.
Discharge two children under 14 years of age.
Post list of children under 16.
Post correct list of children under 16.
Provide gates to elevator on second and third floors, building C.
Protect three projecting set screws on shafting.
Make necessary repairs to elevator gates in main building.
Provide wider stairway from first to second floors in building C.
Guard one pair of gears on milling machine.
Place fence around driving gear to bull dozer.
Guard friction clutch on line shaft in air compressor room.
Guard gears on small drill press.
Guard gears on one punching machine in yard.
Provide rubber mat at foot of switchboard.
Place cap on end of dynamo engine crank shaft.
Post list of children under 16.
Remove boy of 15 from operating dangerous machinery.
Provide proper ventilation for closets used by employes.
Remove boy of 14 from operating dangerous machine.
Place closet in clean and sanitary condition.
Make necessary water closet arrangement for female help.
Post list of children under 16.
Protect projecting key on large press, protect two set screws.
Place guard railing around fly wheels of gasoline engine.
Provide hoods with suction fan attachments to one pair of buffing wheels.
Guard bevel-gears on cylinder boring machine.
Guard coupling on main shaft, protect exposed end of same.
Box in driving belt on second floor.
Fence in main driving belt on second floor, guard one set screw.
Discharge one boy under 14 years of age.
Post list of children under 16.
Remove girl of 15 from operating mangle.
Fix up men's water closet in engine room.
Protect all projecting set screws.
Provide necessary ventilation to three water closets.
Provide guard railing in front of churn.
Place additional guard railing on side of engine fly wheel.
Place guard railing around opening to stairs to basement.
Remove or protect all projecting set screws.
Remove boy of 14 from operating platen press.
Place guard railing on platform between belt and pulley of large press.
Remove boy of 15 found feeding printing press.
Place hand railing on stairway to basement.
Keep water closet installed for female help strictly for their use.
Place shield on lower part of band saw.
Post list of children under 16.
Guard bevel-gears on small drill press.
Place hand railing on stairway leading to basement.
Provide hand railing guard to fly wheel of refrigerator engine.
Remove broken pulley from line shaft.
Discharge one boy 13 years of age.
Post list of children under 16.
Repair two seats in water closet.
Provide guard in front of large cross-cut saw.
Guard one exposed set screw in car shop.
Guard exposed gears on crane in machine shop.
Make necessary repairs to smoke jacks in roundhouse.
Discharge one boy unler 14 years of age.

Guard one pair of gears on small drill press.
Guard one pair of gears on bolt cutter.
Guard exposed gears on corrugating machines.
Guard one pair of gears on tumbling mill.
Provide safety feed roller for Troy mangle.
Provide better ventilation for moulding room.
Provide loose pulley and belt shifter on emery wheel.
Re-arrange small trimming wheels to protect workmen from dust.
Protect all projecting set screws on collars and couplings.
Place hand railing on stairway from third to fourth floors.
Discharge two boys 12 years of age.
Post list of children under 16.
Make necessary repairs to men's water closet.
Repair broken floor in roundhouse.
Place guard railing around pit in boiler room.
Cover gears on brick machine.
Place guard over coupling on shafting.
Repair table to jointer.
Provide loose pulleys and belt shifters to pony planer and to sanding machine.
Repair friction clutch on rip saw.
Extend guard over pony planer.

POTTAWATTAMIE COUNTY.

Place rail railings on two sets of stairs.
Discharge boy of 13 found operating elevator.
Provide separate water closet for use of female help.
Make necessary repairs to floors throughout factory.
Place guard railing around fly wheel of refrigerator engine.
Protect four set screws on shafting.
Dismiss one boy and one girl under 14 years of age.
Post list of children under 16.
Abolish unsanitary closet located between factory buildings.
Repair and maintain dust collecting equipment on emery wheels.
Repair casings to tumbling barrels.
Place guard railing or fence around fly wheels of air compressor.
Clean out and properly drain pits in round house.
Clean out closet used by employes.
Place guard over gears on small mangle.
Discharge two boys unler 14 years of age.
Post list of children under 16.
Protect one projecting set screw on shafting.
Place guard railing to engine fly wheel and driving belt.
Place shield over line shaft near floor in frame room.
Protect exposed set screws in basement.
Disconnect feed water pipe from bottom of water-glass column.
Repair holes in flooring of second floor.
Clean out and repair closet in yard.
Clean out closet in yard.
Discharge five children under 14 years of age.
Post list of children under 16.
Discharge one boy 12 years of age.
Post list of children under 16.
Replace guard removed from engine fly wheel.
Protect gears on dough mixer, guard all projecting set screws.
Keep elevator gates in working condition.
Discharge four boys under 14 found working in factory.
Post list of children under 16.

POWESHIEK COUNTY.

Guard bevel gears on two small drill presses.
Guard band saw by encasing lower wheel.
Guard exposed side and end of engine fly wheel.
Guard elevator opening on second floor.
Protect all projecting set screws on shafting.
Provide two stairway fire escapes on girl's cottage.
Provide signs and red lights to indicate location of fire escapes.

SCOTT COUNTY.

Post list of children under 16.
Properly screen water closets used by male and by female help.
Post list of children under 16.
Provide guard railings to protect fly wheel, belt and crank of engine.
Provide automatic gate for elevator at top floor.
Enclose balancing weight of elevator.
Screen and box in balance weights of two elevators.
Post list of children under 16.
Protect all projecting set screws.
Remove boy of 14 found feeding printing press.
Place shield around belt wheel of small press.
Place safety feed guard on large mangle.
Post list of children under 16.
Provide rubber mat at foot of each switch board.
Place guard railing along line shaft.
Post list of children under 16.
Place guard over gears on small drill press.
Provide safety collars in place of projecting set screw collars on shafting.
Protect bevel-gears on two small drill presses in repair shop.
Provide guards to five pairs of bevel-gears on driers.
Place spring on guard to jointer.
Replace guard railing to punching machine in boiler shop.
Guard pair of gears on punching machine in blacksmith shop.
Provide loose pulley and belt shifter to emery wheel in machine shop.
Repair table to trimming saw.
Place improved guard to jointer, guard two set screws.
Provide loose pulleys and belt shifters to tumbling barrels.
Post list of children under 16.
Provide five safety collars in place of projecting set screw collars.
Revise list of children under 16.
Place guard over gears on one small drill press.
Guard pair of gears on small punching machine.
Repair planking over opening in shop track.
Provide rubber mat for floor in front of switchboard.
Protect all projecting set screws on shafting.
Provide belt shifters to all machines not thus equipped.
Place water closet in clean and sanitary condition.
Guard pair of bevel-gears on small drill press.
Remove one projecting set screw and old pulley hub on shafting.
Cut off projecting end of shaft in basement.
Place shield over coupling on third floor.
Protect gear and rack on cake machine.
Provide efficient means of protection at elevator openings.
Post list of children under 16.
Revise list of children under 16.
Discharge eleven children under 14 years of age.
Post correct list of children under 16.
Remove children under 16 found operating dangerous machinery.
Place screen in front of closet used by female employes.

Post list of children under 16.
Discharge four boys under 14 years of age.
Post list of children under 16.
Clean out bowls to water closets.
Post list of children under 16.
Post list of children under 16.
Protect one set screw on line shaft.
Post list of children under 16.
Post list of children under 16.
Post list of children under 16.
Place guard over gears on milling machine.
Guard gears to double bolt cutter.
Provide rubber mat at foot of switch board.
Place additional guard railing to engine fly wheel.
Place guards over bevel-gears on two small drill presses.
Guard gears on two portable drill presses.
Repair broken seats to water closets in main shop.
Post list of children under 16.
Protect two projecting set screws.
Change guard railing on engine to give greater clearance.
Post list of children under 16.
Discharge three boys under 14 years of age.
Revise list of children under 16.

SHELBY COUNTY.

Remove or protect all projecting set screws.

SIOUX COUNTY.

Place guard railing on exposed side of engine fly wheel.
Protect all projecting set screws and coupling bolts in mill.
Guard one set bevel-gears.
Place rubber matting around base of large generator and switch board.
Place guard railing around engine fly wheel.
Provide closet for use of employes.
Level up track of No. 10 stall in round house.
Place guard on jointer, guard set screws on shafting in basement.
Repair planking at approach to wheel house.
Encase shaft connecting wheel house to mill.
Place hand railing to runways in wheel house.
Guard set screws and projecting coupling bolts throughout mill.
Guard four exposed set screws on bevel-gears on flour reels.
Place railing around rope drive on third floor.
Repair railing to engine fly wheel, guard crank of engine.

STORY COUNTY.

Guard lower wheel of band saw.
Place guard over bevel-gears on small drill press.
Place hand railing around stairway opening and on stairway.
Protect or remove all projecting set screws.
Set apart one closet for use of female help.
Place guard railing between fly wheels of small engine.
Provide guard railing around end of generator belt platform.
Provide water closet for use of help at plant.
Place guard at opening of hand elevator.
Place guard over gears of tile press.

TAMA COUNTY.

Guard sprocket wheels and chains on conveyer in husking shed.
Guard one set screw on third floor.
Construct fire ladder from third floor to near ground.
Guard carrier chains on first floor.

UNION COUNTY.

Provide guard railing on exposed side of fly wheel of large generator.

WAPELLO COUNTY.

Construct water closet for convenient use of men at plant.
Guard two exposed gear wheels on pug machine.
Protect all projecting set screws.
Guard bevel-gears on two small drill presses.
Post list of children under 16.
Box in lower wheel of band saw.
Guard bevel-gears on one small drill press.
Provide new and suitable water closet for help at plant.
Guard bevel-gears of four small drill presses.
Remove or protect all projecting set screws on shafting.
Guard band saw by enclosing lower wheel of same.
Place guard railing on exposed side of engine fly wheel.
Place safety guard on jointer.
Guard exposed side of engine fly wheel.
Guard elevator by placing automatic gates at second floor.
Protect all projecting set screws.
Post list of children under 16.
Post list of children under 16.
Post list of children under 16.
Guard bevel-gears on small drill press.
Remove or protect projecting set screws.
Place railing around stairway opening on top floor.
Place guard railing around crank and fly wheel of engine.

WASHINGTON COUNTY.

Place a guard railing on exposed sides of small engine fly wheel.
Provide hand railing alongside driving belt.
Replace guard removed from jointer.
Provide loose pulley and belt shifter on shaper.
Clean out closet in yard.

WEBSTER COUNTY.

Protect ends of shafts on cleaning machine.
Guard one pair of gears in package room.
Comply with law regarding employment of children on dangerous machinery.
Guard set screws on coupling third floor.
Box in coupling and gears on cut-off table shaft.
Remove projecting bolts and set screws on coupling on main shaft.
Repair loose pulleys and belt shifters on two counter shafts.
Discharge three boys under 14 years of age.
Post list of children under 16.
Place rubber mat at foot of switch board.
Place guard railing or screen in front of gas engine fly wheel.
Provide safety collars in place of projecting set screw collars.
Place safety gates to openings of both elevators.
Box in belts at openings through floor.

Encase shafting where exposed on third floor.
Clean out closet used by men employes.
Place guard on jointer and on rip saw.
Maintain bars at openings to elevator on second floor.
Set apart or provide separate closet for use of female employes.
Discharge one boy 11 years of age.
Post list of children under 16.
Box in balancing weight of elevator.
Discharge two children under 14 years of age.
Post list of children under 16.
Post list of children under 16.
Guard exposed gears on paint mixer near floor.
Clean out closet in yard, put same in sanitary condition.
Place guard railing on exposed side of engine fly wheel.
Remove two boys under 16 found operating dangerous machinery.
Post list of children under 16.

WINNEBAGO COUNTY.

Place guard around gears and sprocket wheels on silking machine.
Guard two pairs of gears on capping machine.
Protect exposed portions of conveyer in husking shed.
Protect all projecting set screws on shafting and machines.
Screen approaches to closets in yard.

WINNESHIEK COUNTY.

Guard bevel-gears on small drill press.
Clean out closet in yard, protect one set screw.
Protect bevel-gears on small drill press.
Protect exposed end of shaft on baler.
Reconstruct closets used by male and female help and properly screen same.
Place guard railing or fence along exposed side of engine fly wheel.
Guard bevel-gears on small drill press.
Clean out closet used by employes.
Protect all projecting set screws on shafting.

WOODBURY COUNTY.

Discharge one boy under 14 years of age.
Post list of children under 16.
Provide ladder fire escape from third floor to ground.
Place guard railing around exposed portion of fly wheel of refrigerator engine.
Place guard in front of large cross cut saw.
Guard bevel-gears on one small drill press.
Repair and properly drain urinal and clean out closet in yard.
Make necessary repairs to smoke jacks in round house.
Keep electric lights in working order for use at nights.
Complete repairs necessary to flooring in car shop.
Place guard over gears and around fly wheel of engine.
Clean out closets used by help in roundhouse.
Protect four pairs of gears on meal graders.
Guard set screws on meal drier.
Make necessary repairs to men's closet.
Provide key to ladies toilet and keep same locked.
Provide additional guard railings to fly wheels of two Corliss engines.
Place guard railings to fly wheels of two high speed engines.
Protect bevel-gears on small drill press.
Remove two projecting set screws on shafting in basement.
Replace guards removed from woodworking machines.
Post correct list of children under 16.

Guard two projecting set screws in engine room.
Provide automatic gate to elevator on second floor generator room.
Provide closet for female help and keep for their exclusive use.
Protect opening in floor of second story.
Clean out pits and repair smoke jacks in roundhouse.
Put disinfectant in closet located in yard.
Place guard in front of exposed gears on clay mill.
Protect one set screw on main line shaft.
Repair fence around main driving pulley.
Protect coupling on shaft to crusher.
Guard two projecting set screws.
Place guard over bevel-gears on brick cutter.
Guard gears on waste coneyer, also on dry pan.
Protect key on end of engine crank shaft.
Guard all projecting set screws.
Post correct list of children under 16.
Guard all projecting set screws in laundry.
Keep correct list of children under 16.
Discharge one boy and one girl under 14 years of age.
Post list of children under 16.
Provide guard railing at exposed side of engine fly wheel.
Guard all projecting set screws.
Place guard railing on exposed side of engine fly wheel.
Equip three jointers with safety guards.
Remove projections on couplings, guard set screws.
Provide separate closet for female help at laundry.
Discharge one boy 13 years of age.
Post correct list of children under 16.
Guard one pair of gears on large mixer.
Protect all projecting set screws.
Provide screen to fly wheel roller.
Post list of children under 16.
Provide separate closet for use of female employes in bakery.
Post list of children under 16.
Provide guard railing on exposed side of engine fly wheel.
Provide wire screen protection for balancing weights of elevator.
Provide ventilation to closets as required by law.
Provide additional ventilation for work rooms.
Make necessary repairs to men's closet.
Set apart closet for use of female help only.
Place guard railing on south side engine fly wheel.
Guard exposed gears on clay machine.

WRIGHT COUNTY.

Provide two stairway fire escapes on new building.
Make necessary repairs to smoke jacks in round house.
Rearrange machines in repair shop providing each with belt shifter.
Give machine shop general cleaning up.
Place safety feed guard on mangle.
Guard all projecting set screws in laundry.

FACTORY INSPECTION—

Summary by counties of establishments inspected

Marginal numbers.	County	Number and Classification of Recommendations.										Marginal numbers.
		No. inspected	Dust blowers on emery wheels	Safe gu'rds for elevators	Fire escape notices to erect	G'ards on saws	G'ards on jointers	Insulating mats for switch bo'rds	Loose pul'ys and belt shifters	Machinery operated by children prohibit'd	Guard machinery	
1	Allamakee	9			1						7	1
2	Apponoose	7									2	2
3	Benton	5									12	3
4	Black Hawk	68		4			1		1		27	4
5	Bremer	7		1		1					9	5
6	Buchanan	3									8	6
7	Buena Vista	4			1						1	7
8	Calhoun	4										8
9	Carroll	5									2	9
10	Cass	4									7	10
11	Cedar	4									28	11
12	Cerro Gordo	23		2	1	1	1		4		6	12
13	Cherokee	4									4	13
14	Chickasaw	5									5	14
15	Clay	4									7	15
16	Clayton	10				1			1		14	16
17	Clinton	31		1		3	3		3		11	17
18	Dallas	13		1							1	18
19	Delaware	4									13	19
20	Des Moines	52		2	2	2	2		1		2	20
21	Dickinson	3			2						23	21
22	Dubuque	69	1	2		4	1		3	1	5	22
23	Emmet	5									13	23
24	Fayette	6	1			1						24
25	Floyd	6									1	25
26	Franklin	3										26
27	Fremont	2									1	27
28	Greene	3									3	28
29	Hamilton	12		1							1	29
30	Hardin	2									2	30
31	Harrison	3									3	31
32	Henry	3									13	32
33	Jackson	13			4	3	1				2	33
34	Jasper	21	2	1	5	1			2		1	34
35	Jefferson	9		1							7	35
36	Johnson	19		2							6	36
37	Jones	10										37
38	Kossuth	3					1		2		11	38
39	Lee	43	1	3		1		2			25	39
40	Linn	54		1		1			3		1	40
41	Louisa	1									7	41
42	Mahaska	18				1	1				4	42
43	Marion	5				1	1				18	43
44	Marshall	23	3	5		2	1					44
45	Mills	3										45
46	Mitchell	2									4	46
47	Monroe	5		1							1	47
48	Montgomery	8								1		48

TABLE NO. 2.

and classification of recommendations made.

Number and Classification of Recommendations.												Total	Marginal numbers.
Repair and clean floors	Guard set scr'ws	Stair ways additional and rep'irs	Stair ways hand railings to	Unsanitary appliances abolished	Water clos'ts additional	Water clos'ts for females	Wat'r closets repair and clean	Red lights in halls	Dis-c'rge children und'r 14	Post lists of children und'r 16	Miscellaneous		
	1	1					3					13	1
	4				1	2					2	18	2
2	2										1	48	3
1	7		2			2	2					14	4
	2		1									10	5
1						1						2	6
												2	7
	1					1						2	8
	1					1						2	9
							1					2	10
1			1				4					10	11
1	10		3		2	1	1					58	12
	1											9	13
	2		1				1			1		7	14
	4		1		1		1		2			13	15
	1				1		3		3	5		14	16
	6				1	1	1					47	17
	6				1							21	18
												1	19
1	13						2		3	2	1	44	20
	1											5	21
	15						7		2	3	5	66	22
			1			1	1					8	23
	3						2				2	22	24
	2							2				2	25
												3	26
	1									1		1	27
					2	1						1	28
												1	29
	1											1	30
												3	31
	4				1		1	3	1		7	2	32
	4										1	25	33
	1									1		31	34
	3											4	35
	3											12	36
	1									3		9	37
	7					2						4	38
	15		1		1	1	6		3	14		30	39
	1										1	71	40
	2											2	41
	1						1				3	12	42
1	9											7	43
	1											43	44
												1	45
												0	46
	3		2			1			1			12	47
												2	48

FACTORY INSPECTION—

Marginal numbers	County	Number and Classification of Recommendations: No. inspected	Dust blowers on emory wheels	Safe gu'rds for elevators	Fire escape notices to erect	G'ards on saws	G'ards on jointers	Insulating mats for switch bo'rds	Loose pul'ys and belt shifters	Machinery operated by children prohibit'd	Guard machinery
49	Muscatine	29		2		1			1	2	8
50	O'Brien	3			1						6
51	Osceola	1			1						3
52	Page	15		2		1	1				7
53	Plymouth	7									2
54	Pocahontas	1									
55	Polk	131	2	2		4	1	1	3	7	39
56	Pottawatamie	35	1	1						1	7
57	Poweshiek	12		1	1	1					2
58	Sac	3									
59	Scott	60		4		1	2	3	3	2	21
60	Shelby	3									
61	Sioux	6					1	1			3
62	Story	7		1		1					4
63	Tama	6			1						2
64	Union	7									1
65	Van Buren	4			1						
66	Wapello	37		1		2	1				3
67	Washington	6				1	1		1		2
68	Webster	17		3		1	1	1	1	2	7
69	Winnebago	1									3
70	Winneshiek	10									5
71	Woodbury	80		2	1	1	1				22
72	Wright	4			1				1		1
	Total	1,086	11	47	23	41	22	8	29	15	475

TABLE NO. 2—CONTINUED

Number and Classification of Recommendations: Repair and clean floor	Guard set scr'ws	Stair ways additional and rep'irs	Stair ways hand railings to	Unsanitary appliances abolished	Water closets additional	Water closets for female	Wat'r closets repair and clean	Red lights in halls	Discharge children und'r 14	Post lists of children und'r 16	Miscellaneous	Total	Marginal number
	4		1		2				5	12		38	49
	1					1						9	50
	1		1									6	51
	2		1							1		15	52
												2	53
												0	54
2	11	1	5	1		4	11		6	11	3	119	55
2	4		1	1		1	3		5	5	3	35	56
	1							1				7	57
												0	58
1	8						5		3	20		73	59
	1											1	60
1	4				1						1	17	61
	1		1		1	1						10	62
	1											4	63
												1	64
												1	65
	4		1		2					4		23	66
							1					5	67
1	3					1	2		3	5		31	68
	1						1					5	69
	2				1		2					10	70
2	10					4	6		3	8	5	65	71
	1										2	6	72
17	199	2	24	2	18	28	68	6	40	99	42	1,214	

LIST OF CASES PROSECUTED FOR VIOLATION OF CHILD LABOR LAW.

DES MOINES COUNTY.

July 27th—Secretary cigar factory employed two children under 14, pleaded guilty and was fined $5 and costs.

July 27th—Parent permitted his child under 14 to work in cigar factory pleaded guilty and was fined $5 and costs.

July 27th—President soap works employed a girl under 14, pleaded guilty and was fined $5 and costs.

DUBUQUE COUNTY.

July 27th—Vice president wood working factory failed to keep posted correct list of children under 16, pleaded guilty and was fined $5 and costs.

July 27th—Superintendent wood working factory failed to keep posted correct list of children under 16, pleaded guilty and was fined $5 and costs.

July 27th—Proprietor dry goods store failed to keep posted correct list of children under 16, pleaded guilty and was fined $5 and costs.

July 27th—Superintendent pump factory employed a boy under 14, pleaded guilty and was fined $5 and costs.

July 27th—Parent signed and delivered false statement to superintendent of wood working factory, for purpose of securing employment of his son, aged 13, in violation of law, pleaded guilty and was fined costs of case.

July 27th—Parent permitted his son, aged 13, to be employed in pump factory, pleaded guilty and was fined $1 and costs.

July 27th—Parent signed and delivered a false statement to superintendent of wood working factory for purpose of securing employment of her son, agend 12, in violation of law, pleaded guilty and was fined $1 and costs.

LINN COUNTY.

July 17th—Superintendent furniture factory employed a boy under 14, also failed to keep posted a correct list of children under 16, pleaded guilty on two counts and was fined $10 and costs.

July 17th—Superintendent starch factory employed a girl under 14, also failed to keep posted a correct list of children under 16 pleaded guilty on two counts and was fined $10 and costs.

July 17th—Parent permitted his son, aged 13, to be employed in furniture factory, pleaded guilty and was fined $1 and costs.

July 17th—Manager wood working factory employed a boy aged 12, also failed to keep posted a correct list of children under 16, pleaded guilty on both counts and was fined $10 and costs.

MUSCATINE COUNTY.

May 21st—Foreman pearl button factory employed three children under 14, also failed to keep posted correct list of children under 16, pleaded guilty on both counts and was fined $10 and costs.

May 22nd—Secretary pearl button factory employed a girl under 14, pleaded guilty and was fined $5 and costs.

May 22nd—Foreman pearl button factory employed a girl under 14, pleaded guilty and was fined $5 and costs.

May 22nd—Manager pearl button factory employed seven boys under 14 years of age also failed to keep posted a correct list of children under 16, pleaded guilty on both counts and was fined $10 and costs.

May 22nd—Parent permitted his daughter aged 13 to work in pearl button factory, pleaded guilty and was fined $1 and costs.

May 22nd—Parent permitted her son, who gave his age as 13 years, to work in button factory, gave proof within 60 days that boy was over 14; case was dismissed.

May 22nd—Parent permitted his daughter aged 13, to be employed in button factory, pleaded guilty and was fined $1 and costs.

May 22nd—Parent permitted his son, aged 13, to be employed in button factory, pleaded guilty and was fined $1 and costs.

May 22nd—Parent permitted his son, aged 13, to be employed in button factory, pleaded guilty and was fined $1 and costs.

May 22nd—Parent permitted his son, aged 13, to be employed in button factory, pleaded guilty and was fined $1 and costs.

May 22nd—Parent permitted his son, aged 13, to be employed in button factory, pleaded guilty and was fined $1 and costs.

May 22nd—Parent permitted his son, aged 13, to be employed in button factory, pleaded guilty and was fined $1 and costs.

May 22nd—Parent permitted his son, aged 13, to be employed in pearl button factory, pleaded guilty and was fined $1 and costs.

May 22nd—Parent permitted his daughter, aged 13, to be employed in pearl button factory, pleaded guilty and was fined $1 and costs.

May 22nd—Parent permitted her daughter, aged 13, to be employed in pearl button factory, pleaded guilty and was fined $1, costs remitted.

POLK COUNTY.

July 8th—Proprietor glove factory employed a boy under 14, also failed to keep posted a correct list of children under 16, pleaded guilty on both counts and was fined $10 and costs.

July 8th—Parent permitted his son aged 13 to be employed in glove factory, pleaded guilty and was fined $5 and costs.

July 10th—President steam laundry employed two boys under 14, pleaded guilty and was fined $5 and costs.

July 10th—Parent permitted his sons, twins of 13, to be employed in laundry, pleaded guilty and was fined $5 and costs.

SCOTT COUNTY.

August 12th—Manager broom factory failed to keep posted correct list of children under 16, pleaded guilty and was fined $5 and costs.

August 12th—Superintendent can factory failed to keep posted correct list of children under 16, pleaded guilty and was fined $5 and costs.

August 12th—Assistant superintendent can factory employed nine boys under 14 years of age, pleaded guilty and was fined $5 and costs.

August 12th—Foreman can factory employed three boys under 14 years of age, pleaded guilty and was fined $5 and costs.

August 13th—Foreman wrapper in dry goods store empleyed three boys 12 years of age, pleaded guilty and was fined $5 and costs.

August 13th—Manager washing machine factory employed four boys under 14 years of age, also failed to keep posted correct list of children under 16, pleaded guilty on both counts and was fined $10 and costs.

August 13th—Manager cracker factory, failed to keep posted correct list of children under 16, pleaded guilty and was fined $5 and costs.

August 13th—Parent permitted his daughter, aged 12, to be employed in can factory, pleaded guilty and was fined $1 and costs.

August 13th—Parent permitted his son, aged 13, to be employed in can factory, pleaded guilty and was fined $1 and costs.

August 13th—Parent permitted his son, aged 13, to be employed in can factory, pleaded guilty and was fined $1 and costs.

August 13th—Parent permitted his son, aged 12, to be employed in can factory, pleaded guilty and was fined $1 and costs.

August 13th—Parent perimtted his twin boys, age 13, to be employed in can factory, pleaded guilty and was fined $1 and costs.

August 13th—Parent permitted his son, age 13, to be employed in can factory, pleaded guilty and was fined $1 and costs.

August 13th—Parent permitted his son, aged 12, to be employed in washing machine factory, pleaded guilty and was fined $1 and costs.

August 13th—Parent permitted his son, aged 12, to be employed in washing machine factory, pleaded guilty and was fined $1 and costs.

August 14th—Parent perimtted his son, aged 12, to be employed in washing machine factory, pleaded guilty and was fined $1 and costs.

August 14th—Parent permitted his son, aged 13, to be employed in washing machine factory, pleaded guilty and was fined $1 and costs.

August 14th—Parent permitted his son aged 11, to be employed in can factory, pleaded guilty and was fined $1 and costs.

August 14th—Parent permitted his son, aged 13, to be employed in washing machine factory. Information filed, but party escaped arrest by leaving city; case still pending.

August 14th—Parent permitted his son, aged 12, to be employed in washing machine factory. Information filed, but party escaped arrest on account of serious illness; case still pending.

LIST OF CASES PROSECUTED FOR VIOLATION OF LAW IN CONNECTION WITH GUARDING OF MACHINERY.

BUCHANAN COUNTY.

May 26, 1908—Superintendent city electric light and water works failed to guard engines and machinery under his care, pleaded guilty and was fined $5 and costs.

CERRO GORDO COUNTY.

March 4, 1907—Manager wood working factory failed to guard wood working machinery in his factory, pleaded guilty and was fined $5 and costs.

POLK COUNTY.

April 6, 1908—Proprietor steam laundry failed to guard Troy mangle being operated in his laundry, pleaded guilty and was fined $10 and costs.

FACTORY INSPECTION—FATAL ACCIDENTS.

The following 27 fatal accidents occurred in Iowa during the years 1906 and 1907:

BLACK HAWK COUNTY.

Date.	Occupation.	Sex.	Cause of Accident; Extent of Injury.
January 15, 1906	Janitor	m	Contact with high tension wire, killed instantly.
March 20, 1906	Foreman	m	Explosion in purifying house, killed instantly.
March 20, 1906	Fitter	m	Explosion in purifying house, killed instantly.

BOONE COUNTY.

August 1907	Electrician	m	Cut into live wire without removing trolley from wire, killed instantly.
May 29, 1907	Pitman	m	In pit, run over by engine. Killed.

CLINTON COUNTY.

October 1, 1906	Finsher	m	Explosion of boiler, killed instantly.

DES MOINES COUNTY.

December 5, 1907	Helper	m	Making repairs on top of elevator; killed.

DUBUQUE COUNTY.

November 25, 1907	Trucking doors	m	He was about to get on elevator with a truck load of doors, went between doors and shaft to get to starting device instead of going around truck, thus falling into shaft, crushed skull, died on way to hospital.
October 23, 1907	Machine helper	m	While going between two cars at crossing, a switch engine backed two or three cars down same track, crushing his body between bumpers, died fifteen minutes later.

FACTORY INSPECTION—CONTINUED

FAYETTE COUNTY.

Date.	Occupation.	Sex.	Cause of Accident; Extent of Injury.
April 14, 1906	Laborer	m	Run over by switch engine, killed instantly.
June 19, 1907	Foreman	m	Fellow workman let hammer fall, striking him on head, died from injuries.

JOHNSON COUNTY.

January 30, 1907	Carpenter	m	Let a piece of board slip through his hands while sawing on circular saw; board was caught striking him in abdomen, died eighteen hours later.

LEE COUNTY.

February 15, 1907	Laborer	m	Clothes caught on revolving shafting, which he was oiling, neck broken, was dead when found.

MAHASKA COUNTY.

January 18, 1907	Elevator boy	m	Attempted to jump on elevator after starting it from outside, killed instantly.

MUSCATINE COUNTY.

October 15, 1907	Laborer	m	While working between two lumber piles, one pile fell down crushing his skull, killed instantly.

POLK COUNTY.

February 15, 1906	Car inspector	m	Struck by passenger train, killed.

POTTAWATTAMIE COUNTY.

July 9, 1907	Lineman	m	Was working on overhead wire and came in contact with telephone wire, killed.
December 9, 1907	Laborer	m	Came in contact with air pipes, killed instantly.
October 12, 1907	Fireman	m	Collision of locomotives, killed.

SCOTT COUNTY.

March 15, 1906	Laborer	m	Ram blew out of press, left leg injured, died under anaesthetic at hospital, when doctor undertook to set knee cap.
November 22, 1907	Motorman	m	Struck by interurban car, killed instantly.

WASHINGTON COUNTY.

May 10, 1906	Laborer	m	Boiler explosion, killed instantly.
May 10, 1906	Engineer	m	Boiler explosion, killed instantly.

FACTORY INSPECTION—CONTINUED

WAPELLO COUNTY.

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
December 29, 1906	Foreman	m	Fell from a large pipe, from which he was making a connection, to brick floor of boiler room, about eighteen feet, killed.

WEBSTER COUNTY.

October 5, 1908	Laborer	m	It is thought he put his arm through the running chains to oil head shaft in elevator and chain caught his arm and drew his head down, which was severed by the sprocket—no one saw accident.
---------- 1906	Oiler	m	It is supposed he was oiling line shaft when in some manner he was caught by revolving shaft or pulley — was dead when found.
---------- 1906	Laborer	m	While one cage was going up he attempted to cross shaft under the one coming down to get his lunch box—cage caught him crushing him under it; died as result of injury.

FACTORY INSPECTION—NON-FATAL ACCIDENTS.

The following 864 non-fatal accidents occurred in Iowa during the years 1906-1907:

ADAMS COUNTY.

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
December 13, 1907	Printer	m	Finger caught in newspaper press, amputated.

APPANOOSE COUNTY.

March 16, 1907	Hostler	m	Struck on head by hand spike while loading wheels, severe injury to head and neck.
October 1, 1907	Wiper	m	Train accident, arm broken.

BLACK HAWK COUNTY.

March 20, 1906	Laborer	m	Badly burned by explosion of boiler.
February 12, 1907	Butcher	m	Caught finger in cog wheels, tip of finger cut off.
March 30, 1907	Sausage maker	m	Finger caught in sausage machine, finger badly cut.
August 26, 1907	Driver	m	Clothing caught fire from fire in furnace; badly burned about face and hands.
December 20, 1906	Helper	m	Caught in traveling crane, hands badly bruised.
June 13, 1907	Gas fitter	m	Fell down stairway, ankle badly sprained.
October 27, 1907	Helper	m	Fell down cellarway, hip sprained and bruised.
October 11, 1907	Laborer	m	Caving in of ditch, hip dislocated and body bruised.
May 21, 1907	Moulder	m	Badly burned from furnace.
----------	Pressman	m	Caught finger between die, finger crushed.
----------	Laborer	m	Caught finger between frame and handle of angle bender, finger bruised and lacerated.

BOONE COUNTY.

October 14, 1907	Fireman	m	Draw bar pulled out of clay car on incline railway; car left track and went through boiler house at foot of incline. Back injured, cut about face and head.
January 5, 1907	Bindery girl	f	Run needle through finger while stitching book on machine.
April 6, 1907	Bindery girl	f	Hand hurt while adjusting belt on sewing machine.
January 18, 1906	Boiler maker	m	Getting off engine, stepped on coal; ankle sprained.
October 28, 1906	Wiper	m	Cleaning cab, fell. Head injured.
November 25, 1906	Fireman	m	Stepped in hot water, foot scalded.
December 5, 1906	Wiper	m	Fell off engine, collar bone broken.
December 4, 1906	Laborer	m	Working on engine, fell, hip injured.
March 13, 1907	Pitman	m	Board struck head, head injured.
March 16, 1907	Wiper	m	Getting off engine, stepped on hose, ankle sprained.

FACTORY INSPECTION—CONTINUED

BREMER COUNTY.

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
April 24, 1907	Carpenter	m	Fingers coming in contact with buzz-saw, two fingers on right hand badly cut.
October 13, 1907	Laborer	m	Hand hit by capping machine, knuckle-joint on right hand injured.
June 13, 1907	Buttermaker	m	Tripped on hidden wire, foot sprained.

BUENA VISTA COUNTY.

May ----------	Laborer	m	While working at rip saw, two fingers amputated.

CARROLL COUNTY.

August 20, 1906	Engineer	m	Working on engine, hand injured.
February 21, 1906	Carsmith	m	Slipped and fell from ladder, arm broken.
September10, 1907	Laborer	m	Fell off engine, arm broken.
September29, 1907	Laborer	m	Walked into hot water vat, legs scalded.
----------	Miscellaneous	m	Thirty-four minor accidents occurred in shops at Carroll of the following character: finger bruised, foot bruised, head bruised, steel dust in eye and other cuts and bruised and sprains that usually occur in places of that kind, none of which caused any great loss of time.

CASS COUNTY.

August 29, 1907	Laborer	m	Slipped and fell on machine, elbow injured.

CERRO GORDO COUNTY

----------	Pressfeeder	m	Attempted to strighten gauge pins while press was running, had hand mashed.
March 22, 1907	Cabinet maker	m	Two fingers cut off at second joint on jointing machine.
October 9, 1907	Electrician	m	Fell from ladder, dislocated and sprained thumb.
September17, 1907	Laborer	m	While working in trench pick fell and cut long gash over right eye.
November 11, 1907	Laborer	m	Mitten caught in cable, thumb badly injured.
September10, 1907	Engineer	m	Working on valve stem, thumb lacerated.
October 28, 1907	Laborer	m	Caving of rock and dirt, foot lacerated.
September 6, 1907	Teamster	m	Kicked by mule, chest bruised.
November 9, 1907	Carpenter	m	Stepped on nail, foot pierced.
December 16, 1907	Laborer	m	Timber on which he was working gave way, bruised face and shoulder.
December 21, 1907	Laborer	m	While moving casting wheel slipped, foot bruised.
December 14, 1907	Machinist	m	Finger caught in machine, left fore and middle finger injured.

FACTORY INSPECTION—CONTINUED

CLAY COUNTY.

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
July 1907	Lineman	m	Cut all wires on one side of pole leaving a heavy strain in one direction, pole broke off letting him fall about 35 feet; able to work again in 30 days.

CLINTON COUNTY.

April 15, 1907	Teamster	m	Caught hand on meat hook on rack, back of hand cut.
September 28, 1907	Teamster	m	Stepped on nail from broken box, foot pierced causing lameness, fully recovered.
October 28, 1907	Feeder	m	Pulley broke hitting him, cut long gash on side of left cheek and injured cheek bone.
July 22, 1907	Foreman	m	Hand injured by flying bolt.
August 5, 1907	Yardman	m	Timber fell on hand, end of thumb crushed.
September 4, 1907	Yardman	m	Breakage of scaffold, back injured.
December 24, 1907	Millman	m	Trying to adjust hood on planer while in operation, back of hand cut.
September 4, 1907	Yardman	m	On account of breaking of scaffold, fell injuring back.
October 1, 1906	Laborer	m	Explosion of stationary boiler, eyes injured.
October 1, 1906	Laborer	m	Explosion of stationary boiler, hand injured.
October 1, 1906	Foreman	m	Explosion of stationary boiler, eyes injured; lost one eye.
December 15, 1906	Cutter girl	f	Finger caught in calanders, one finger mashed.
December 8, 1907	Foreman	m	Caught hand in calanders, thumb nail torn off and finger mashed.
November 27, 1907	Ripper	m	One finger lost.
April 1, 1907	Factory hand	m	Sliver of wood wedged in saw, in removing same saw caught it throwing it, struck him in abdomen, injury not serious.
June 5, 1907	Factory hand	m	Foot slipped while taking stock from saw, hand lacerated and cut by saw.
June 7, 1907	Factory hand	m	Slipped when starting machine, hand cut by saw.
July 18, 1907	Rip sawyer	m	Hand slipped on piece of wood into saw, slight cut on thumb.
September 30, 1907	Teamster	m	Load of coops which he was hauling slipped, causing him to fall off wagon, two ribs broken, scalp wound.
November 12, 1907	Factory hand	m	Pulley belt on matcher caught on set screw, thumb lacerated.
February 5, 1907	Rail borer	m	Caught on shaft of rail borer, leg bruised.
February 25, 1907	Packer	m	Dropped sash on arm, arm bruised.
February 28, 1907	Packer	m	Cut by glass.
May 13, 1907	Shaper	m	Lost one finger.
May 25, 1907	Helper	m	Caught finger in rip saw, finger cut.
June 30, 1907	Packer	m	Handling window sash, cut on head.
June 14, 1907	Machinist	m	Wrench slipped, cut finger.
June 22, 1907	Door sticker	m	Throwing on belt, wrist broken.
July 16, 1907	Helper	m	Got finger in saw, finger cut.
July 29, 1907	Helper	m	Swinging on sprinkler pipe, broke wrist.
August 17, 1907	Foreman	m	Sprained ankle.
August 19, 1907	Laborer	m	Lumber dropped on leg, leg badly bruised.
August 22, 1907	Helper	m	Hit by stick which flew from rip saw, hand injured.
September 12, 1907	Helper	m	Swinging on sprinkler pipe, wrist broken.

FACTORY INSPECTION—CONTINUED

CLINTON COUNTY—CONTINUED

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
September 23, 1907	Helper	m	Cut finger on rip saw.
October 14, 1907	Sawyer	m	Hit by piece of lumber, arm injured.
October 31, 1907	Mixer	m	Elevator dropped, slightly bruised, no bones broken.
October 31, 1907	Helper	m	Elevator dropped, slightly bruised, no bones broken.
----------	Woodworker	m	Finger caught in shaper, finger amputated.
----------	Woodworker	m	Lost one finger in jointer.
January 21, 1906	Machinist	m	Fixing belt, caught finger, finger cut off.
January 15, 1906	Laborer	m	Loading wheels, caught knee, knee cap injured.
January 9, 1906	Car repairer	m	Closing car door, fell, wrist sprained.
February 11, 1906	Laborer	m	Changing wheels under engine, finger cut off.
July 5, 1906	Foreman	m	Sawing plank, struck chest, ruptured.
November 3, 1906	Car repairer	m	Chisel struck head, forehead cut.
January 2, 1906	Carpenter	m	Fell into pit, back injured.
February 16, 1907	Blacksmith	m	Steam hammer struck hand, finger broken.
April 15, 1907	Machinist	m	Struck with hammer by apprentice, forehead cut.
May 5, 1907	Pipe fitter	m	Cleaning fire box, over-heated.
May 7, 1907	Laborer	m	Lid left off hot water vat, fell in, feet and legs scalded.
May 18, 1907	Laborer	m	Caught heel in turntable, heel badly crushed.
May 17, 1907	Laborer	m	Boiler iron fell on foot, foot crushed.
May 14, 1907	Laborer	m	Struck by steam from engine, shoulder scalded.
May 23, 1907	Wiper	m	Caught between tank and door, shoulder and chest injured.
May 23, 1907	Inspector	m	Slipped and fell off ladder, head injured.
June 5, 1907	Blacksmith	m	Engine tipped in crane, striking him, one finger cut off.
August 15, 1907	Machine helper	m	Jacking up engine, struck by lever, side injured.
September 28, 1907	Wiper	m	Fell off engine, arm broken.
November 30, 1907	Door tender	m	Fell off engine tank, leg and back injured.
----------	Miscellaneous	m	14 minor accident occurred in shops at Clinton of the following character: finger bruised, foot bruised, head bruised, steel dust in eye, and other cuts and bruises and sprains that usually occur in large shops. None of which caused a great loss of time.

DES MOINES COUNTY.

November 29, 1907	Feeder	m	Three fingers bruised.
November 14, 1907	Feeder	m	Little finger crushed.
January 25, 1907	Machine hand	m	Lost two fingers.
March 6, 1907	Machine hand	m	Lost end of one finger, first joint.
May 27, 1907	Machine hand	m	Joint broken in right thumb.
June 6, 1907	Machine hand	m	Trap door fell, bruising and lacerating thumb.
September 26, 1907	Machine hand	m	Lost three fingers.
December 16, 1907	Machinist	m	Running turning lathe, wedge holding sand paper came out, injuring eye.
October 8, 1907	Machine hand	m	Hand slipped while putting on a knife, two fingers cut.
July 1907	Linotype mach.	m	Placed his hands among the wheels of a linotype and gave signal to start machine before he had withdrawn his hand, lost end of one finger.
----------	Presser	m	Lost end of one finger.

FACTORY INSPECTION—CONTINUED

DES MOINES COUNTY—CONTINUED

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
----------	Presser	m	Thumb mashed.
----------	Presser	m	End of finger cut off.
January 13, 1906	Shopman	m	Caught fingers in bucket, fingers injured.
January 24, 1906	Machine helper	m	Bar struck his face, head cut and bruised.
January 18, 1906	Shopman	m	Steam chest fell on foot, foot bruised.
January 16, 1906	Shopman	m	Fell in pit, rib broken.
February 3, 1906	Shopman	m	Center punch struck his finger, finger broken.
February 15, 1906	Shopman	m	Caught finger under casting, finger crushed.
February 17, 1906	Shopman	m	Struck hand on hot rivet, hand burned.
February 19, 1906	Trucksmith	m	Draft rod fell on foot, toe crushed.
March 26, 1906	Shopman	m	Scalded by escaping steam, body scalded.
March 26, 1906	Shopman	m	Caught finger in axle, finger bruised.
	Shopman	m	Wrench slipped and struck thumb, thumb injured.
March 23, 1906	Shopman	m	Slipped on iron plate, back sprained.
March 17, 1906	Shopman	m	Piece of emery struck his eye, eye injured.
March 17, 1906	Shopman	m	Hot scale fell on hand, hand burned.
March 13, 1906	Shopman	m	Valve fell on foot, foot bruised.
March 1, 1906	Shopman	m	Transom fell on knee, knee bruised.
March 6, 1906	Shopman	m	Caught rod of cutting machine, thumb cut.
March 15, 1906	Shopman	m	Caught hand in saw, fingers cut.
April 27, 1906	Shopman	m	Piece of board struck his hand, thumb cut.
April 23, 1906	Shopman	m	Cut hand on flue pipe, fingers cut.
April 23, 1906	Shopman	m	Putting in a mud ring, back sprained.
April 12, 1906	Shopman	m	Semaphore handle fell on hand, finger bruised.
April 5, 1906	Shopman	m	Struck by moving fly wheel, shoulder bruised.
April 4, 1906	Shopman	m	Steam hammer tongs struck him, chest cut and bruised.
April 2, 1906	Shopman	m	Wrench slipped, hand cut.
May 2, 1906	Carpenter	m	Air cylinder fell on finger, finger broken
May 28, 1906	Shopman	m	Struck by piece of iron, shoulder bruised.
May 4, 1906	Shopman	m	Piece of scale in eye, eye injured.
May 7, 1906	Shopman	m	While cutting rivets one struck him, eye bruised.
May 8, 1906	Shopman	m	Slipped on a piece of soap, ankle sprained.
May 9, 1906	Shopman	m	Equalizer fell on his foot, toe bruised.
May 10, 1906	Shopman	m	Fell off trestle to ground, knee sprained and head cut.
May 12, 1906	Shopman	m	Piece of iron hit him, cheek cut.
May 14, 1906	Shopman	m	Struck by derrick chain, eye bruised.
May 15, 1906	Shopman	m	Injured while cutting pipe, hand bruised.
May 17, 1906	Shopman	m	Die blew out of machine, finger broken.
May 21, 1906	Shopman	m	Piece of wood fell on foot, toes bruised.
May 23, 1906	Shopman	m	Switch beam bolt fell on hand, finger split.
May 25, 1906	Shopman	m	Attempted to catch a chain, finger injured.
May 26, 1906	Shopman	m	Lifted a rubble car, back sprained.
May 28, 1906	Shopman	m	Rubble car ran over foot, toe mashed.
May 28, 1906	Shopman	m	Piece of wood struck his eye, eyeball injured.
May 29, 1906	Shopman	m	Caught hand in saw, thumb cut.
May 29, 1906	Shopman	m	Wedge broke and piece struck leg, leg cut.
May 29, 1906	Shopman	m	Fell from a car, arm and shoulder bruised.
May 7, 1906	Laborer	m	Injured thumb on rusty spike, fully recovered.

FACTORY INSPECTION—CONTINUED

DES MOINES CONUTY—CONTINUED

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
June 28, 1906	Shopman	m	Lumber fell on foot, toe mashed.
June 22, 1906	Shopman	m	Struck hand with hammer, thumb split.
June 22, 1906	Shopman	m	Struck finger with nut, finger cut.
June 19,1906	Shopman	m	Lifting a door, side sprained.
July 2, 1906	Trucker	m	Fell into car pit, hip bruised and leg scraped.
July 26, 1906	Shopman	m	Jumped off engine, ankle sprained.
July 31, 1906	Wood machinist	m	Caught finger in saw, end of thumb torn off.
July 30, 1906	Machine helper	m	Uncoupled heating pipe, neck scalded.
July 31, 1906	Shopman	m	Cutting rivets, wrist cut.
August 2, 1906	Boilermaker	m	Ash pan dropped on hand, three fingers mashed.
August 3, 1906	Machine helper	m	Caught thumb in machine, thumb mashed.
September 5, 1906	Shopman	m	Rod struck his forehead, forehead cut.
September 26, 1906	Shopman	m	Lifted heavy bar, back sprained.
November 10, 1906	Machinist	m	Lifting casting onto engine, back sprained.
February 19, 1907	Shopman	m	Finger caught in wheels, finger mashed.
February 15, 1907	Machine helper	m	Handling heavy casting, finger mashed.
March 26, 1907	Machinist	m	Caught hand in machine, hand cut and bruised.
April 16, 1907	Boilermaker	m	Taking flues out of engine, fell and injured back.
May 20, 1907	Machine helper	m	Slipped in shop and fell, spine and wrist injured.
June 18, 1907	Boilerm. helper	m	Struck on hand by sledge-hammer, hand injured.
June 22, 1907	Machinist	m	Lifting boiler front, shoulder sprained.
July 31, 1907	Boilermaker	m	Piece of crown stays hit him in eye, eye injured.
September 4, 1907	Machinist helper	m	Caught finger in machine, finger injured.
October 4, 1907	Machinist	m	Caught hand between belt and pulley, hand injured.
December 3, 1907	Machinist	m	Leg caught while taking down engine frame, leg broken.
	Shophands	m	Forty-six minor accidents were reported in the shops of the following character: finger bruised, hand bruised, foot bruised, leg cut, eye injured by steel from emery wheel, and numerous accidents of this sort of which some caused no loss of time while others caused a loss of from one to ten days.

DUBUQUE COUNTY.

November 6, 1907	Machinist	m	Fell in pit, ankle hurt.
November 15, 1907	Machinist	m	Slipped and fell, back hurt.
August 27, 1907	Shaper	m	Two fingers and part of thumb cut off.
November 11, 1906	Baker	m	Hand caught in rollers, arm drawn into the rollers up to his elbow, arm amputated.
May 15, 1907	Laborer	m	Fell from shelf platform, broke bone in arm.
June 28, 1907	Laborer	m	Run his left hand into saw, first joint of thumb cut off.
February 28, 1907	Laborer	m	Caught in rollers of sander, contusion of hand and forearm.
July 2, 1907	Cutter	m	Hand slipped onto saw, lacerated tip of right middle finger.
August 12, 1907	Laborer	m	Reached into sander drum before stopping machine, loss of left index finger.

FACTORY INSPECTION—CONTINUED

DUBUQUE COUNTY—CONTINUED

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
October 22, 1907	Machine operator	m	Reached over inside head to adjust pressure bar while machine was in motion, loss of two fingers on left hand and numerous minor wounds.
November 8, 1907	Teamster	m	Wagon overturned, horse falling on him, collar bone broken.
July 1907	Foreman	m	While putting on belt back of hand was burned by coming in contact with belt, not serious.
December 11, 1907	Laborer	m	Reached under machine and put hand in blower, causing loss of one hand.
----------	Carpenter	m	Struck in eye by nail, eye injured.
----------	Machinist	m	Cut finger on circular saw.
May 17, 1907	Helper	m	Caught finger under boiler while turning boiler, end of index finger taken off at first joint on left hand.
February 23, 1907	Laborer	m	Slipped from top of step ladder, left arm broken.
February 23, 1907	Carpenter	m	While lowering a scaffold, plank slipped and struck him on left shoulder, badly injuring same.
April 4, 1907	Laborer	m	Timber slipped from truck striking left ankle and breaking same.
May 10, 1907	Boilermakers helper	m	Clothes caught on end of crank shaft of shearing machine, right shoulder dislocated and arm injured.
July 13, 1907	Machinist helper	m	While moving an engine in some manner, thinking there might be a small block or iron nut under one of the driving wheels, reached his right hand down on the rail; the engine started to move, crushing all fingers on right hand.
October 31, 1906	Rip sawyer	m	One finger cut off.
February 19, 1907	Rip sawyer	m	Two fingers badly cut.
July 7, 1907	Rip sawyer	m	Two fingers cut off and two partly cut off.
January 3, 1907	Machinist	m	Was standing on box cleaning electric motor, box broke and to catch himself threw out his hand, coming in contact with motor, thereby burning his hands severely. Disabled about six weeks.
----------	Miscellaneous	m	Twenty-three minor accidents occurred in shops at Dubuque of the following character: finger bruised, foot bruised, head bruised, steel dust in eye and other cuts and bruises and sprains that usually occur in large shops, none of which caused a great loss of time.

FACTORY INSPECTION—CONTINUED

FAYETTE COUNTY.

Date.	Occupation.	Sex.	Cause of accident: Extent of injury.
September 12, 1906	Car repairer	m	Brake wheel fell breaking his arm.
September 27, 1906	Boilerm. helper	m	Fell off platform, arm broken.
October 6, 1906	Machinist	m	Struck by pipe, side hurt.
November 11, 1906	Blacksmith	m	Sledge came off handle, chest hurt.
November 15, 1906	Laborer	m	Slipped and fell, rib broken.
November 28, 1906	Machinist	m	Blocking slipped, finger mashed.
December 4, 1906	Painter	m	Fell from trestle, ribs broken.
December 10, 1906	Machinist	m	Came in contact with high tension wire, hand burned.
December 12, 1906	Machinist helper	m	Binder dropped, finger broken.
December 17, 1906	Boilermaker	m	Came in contact with electric wire, neck burned.
January 7, 1907	Laborer	m	Slipped and fell from platform, leg broken.
February 25, 1907	Millman	m	Fell against saw, arm cut.
February 21, 1907	Millman	m	Caught in saw, thumb cut off.
June 18, 1907	Helper	m	Caught in gear of lathe, finger mashed.
January 26, 1906	Machinist	m	Ladder broke, fell and broke ankle.
February 19, 1906	Engineer	m	In starting gas engine, thumb cut off.
May 23, 1906	Boilermaker	m	Struck by hammer, thumb mashed.
June 9, 1906	Machinist	m	Air motor fell, toe broken.
July 2, 1907	Car repairer	m	Fell off ladder, arm broken.
August 17, 1906	Machinist	m	Gas tank caught fire, arm burned.
September 6, 1906	Millman	m	Knife flew from machine, arm cut.
September 14, 1906	Machinist	m	Piece of steel flew, eye put out.
February 8, 1906	Foreman	m	Broke through floor, foot scalded.
February 18, 1906	Laborer	m	Stepped in hole, foot scalded.
July 13, 1905	Carpenter	m	Drawbar fell on foot, fracturing same.
October 19, 1906	Laborer	m	Rail fell on foot, foot hurt.
June 21, 1907	Laborer	m	Hose came off pipe, leg scalded.

FLOYD COUNTY.

December 10, 1907	Brakeman	m	Hit by chain while assisting in wreck.

GREENE COUNTY.

January 4, 1907	Moulder	m	In reaching over large bull ladle at cupola with hand ladle, spilled melted iron on foot.

HARDIN COUNTY.

October 7, 1907	Brakeman	m	Stepped on cinder and slipped, crushed fleshy part of hip, no permanent disability.

HOWARD COUNTY.

March 16, 1907	Foreman	m	Caught his hand between brake rolls, tried to pick tow from the rolls while machine was in operation, lost all but his thumb and index finger on right hand.

JEFFERSON COUNTY.

August 5, 1907	Carpenter	m	Pushed his thumb under circular saw, lost first and third finger on left hand.
January 16, 1907	Laborer	m	Truck run over leg, right leg broken.
June 1, 1907	Laborer	m	Heavy casting fell on foot, three toes mashed.
December 3, 1907	Laborer	m	Pile of pig iron fell, mashing foot.

FACTORY INSPECTION—CONTINUED

JOHNSON COUNTY.

Date.	Occupation.	Sex.	Cause of Accident; Extent of Injury.
August 13, 1907	Laborer	m	Injured while handling rock, leg bruised disabled ten days.
April 2, 1907	Cutter	m	Was cutting flannel on press machine, machine tripped and caught finger, end of one finger taken off.
June 27, 1907	Wood worker	m	While working rip saw shifting of board caught fingers in saw; loss of two finger tips.

LEE COUNTY.

November 7, 1907	Slab sorter	m	Finger caught in gear, fingers mashed.
July 30, 1907	Laborer	m	Fell from ladder, ankle sprained.
December 18, 1907	Laborer	m	Fell from pile of lumber, injured side.
November 2, 1907	Teamster	m	Thrown from wagon by horses scaring, seven ribs broken.
December 12, 1907	Butcher	m	Slipped and fell on hook, hook entered left forearm causing round hole; not serious.
February 3, 1906	Foreman	m	While working on engine, cutting and bruising arm.
March 2, 1906	Boilermaker's helper	m	Fell from car, hand sprained.
March 21, 1906	Machinist	m	Wrench slipped, finger mashed.
April 5, 1906	Car repairer	m	Struck by sledge, face injured.
April 16, 1906	Helper	m	Wrench slipped, nail torn off finger.
May 1, 1906	Foreman	m	While unloading machinery, end of finger was cut off.
May 4, 1906	Machinist	m	While carrying forging it fell, badly mashing one toe.
May 17, 1906	Helper	m	Wheel fell on leg, leg bruised.
July 1, 1906	Laborer	m	Cylinder head blew off pump, leg injured.
July 18, 1906	Laborer	m	Struck by bar, injured in mouth.
August 1, 1906	Machinist	m	While grinding valve, finger cut off.
August 7, 1906	Helper	m	Caught finger in drill, finger cut.
August 20, 1906	Laborer	m	Wheel fell on foot, foot mashed.
September 20, 1906	Laborer	m	Coupler fell on foot, foot mashed.
October 2, 1906	Helper	m	Casting fell on foot, foot mashed.
November 1, 1906	Helper	m	Brake rigging fell on finger, finger mashed.
November 27, 1906	Helper	m	Brass fell on foot, foot mashed.
December 1, 1906	Car repairer	m	Struck by timber, head injured.
December 24, 1906	Helper	m	Handling wheels, finger mashed.
January 2, 1907	Laborer	m	Wrench slipped, finger lacerated.
January 9, 1907	Boilermaker	m	Caught between engine and tank, legs injured.
January 11, 1907	Machinist helper	m	While handling tools, nails on two fingers torn off.
January 30, 1907	Driller	m	Caught between drill and chuck, two fingers lacerated.
January 21, 1907	Roundhouse man	m	Getting off engine, ankle badly sprained
January 14, 1907	Car repairer	m	Struck by timber, ear cut.
January 24, 1907	Helper	m	All fingers on left hand cut off by saw.
February 16, 1907	Laborer	m	Hand caught in gear, two fingers lacerated.
February 15, 1907	Car repairer	m	Struck by cars, back injured.
March 27, 1907	Machinist helper	m	Piece of iron flew and struck him, nose and eye cut.
April 24, 1907	Ashpit man	m	Struck in eye with bar, eye injured.
May 18, 1907	Machinist	m	Hand caught under piston, hand injured.
June 24, 1907	Laborer	m	Piston fell on finger, finger mashed.
July 9, 1907	Machinist helper	m	Emery wheel plate loose, end of two fingers cut off.
August 14, 1907	Bollerm. helper	m	Struck in head with hammer, head cut.
August 24, 1907	Machinist	m	Caught finger in machine, finger lacerated.
September 16, 1907	Car repairer	m	Wrench slipped causing him to fall, back hurt.

FACTORY INSPECTION—CONTINUED

LEE COUNTY—CONTINUED

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
October 3, 1907	Car repairer	m	Rolling wheels, finger caught and mashed.
October 4, 1907	Car repairer	m	Caught finger in truck, finger mashed.
October 26, 1907	Machinist	m	Blow-off cock opened, scalded not serious.
November 1, 1907	Carman	m	Lifting, sprained knee badly.
November 5, 1907	Helper	m	Casting fell on foot, foot mashed.
November 10, 1907	Helper	m	Caught between hanger and box, finger injured.
December 7, 1907	Car repairer	m	Fell from car, rib broken.
December 30, 1907	Bollerm. helper	m	Fell in pit, cheek cut.
October 7, 1907	Machinist	m	Blowing babbitt metal out of boxing, burned about head and face.
November 11, 1907	Helper	m	Gear wheels pinched leg, leg injured, off five weeks.
November 15, 1907	Machinist	m	Struck with crane handle, scalp wound, off four weeks.
December 19, 1907	Helper	m	Dropped shaft on foot, foot mashed.
October 15, 1907	Slasherman	m	Piece of small log was being sawed on slasher, when it reached the saw was thrown violently forward striking man on the leg, breaking thigh bone above knee.
October 5, 1907	Off bearer	m	Caught finger in fan, flesh torn off of three fingers.
October 5, 1907	Mill cleaner	m	Finger caught in end of rollers, one finger mashed.
January 15, 1907	Kegmaker	m	Had finger caught in keg seamer, one finger mashed.
January 29, 1907	Kegmaker	m	Tram car run over foot, mashing foot.
February 4, 1907	Kegmaker	m	Hand caught in power shears, hand cut.
January 23, 1907	Laborer	m	In bending over to pick up shovel lost balance and fell off tram car, fracturing one rib.
August 20, 1907	Driver	m	Ankle crushed between two cakes of ice while loading on wagon at ice house.
April 17, 1907	Sawyer	m	Lost first joint right thumb.
May 7, 1907	Sawyer	m	Lumber pile overturning, injuring side.
May 16, 1907	Machinist	m	Hand caught in sander, fingers lacerated on left hand.
August 5, 1907	Sawyer	m	Caught finger in rip saw guard, finger broken.
August 16, 1907	Sawyer	m	Caught finger in saw, finger partly cut off.
September 21, 1907	Sawyer	m	Lost third finger on left hand, remaining fingers on left hand badly lacerated.
November 30, 1907	Sawyer	m	Right index finger lacerated on jointer.
December 11, 1907	Machinist	m	Left cheek lacerated by lever of bundling press.
April 3, 1906	Helper	m	Finger caught in feed rolls, finger lacerated and bone broken.
October 12, 1906	Sawyer	m	Handling of board in feeding machine, end of little finger of right hand crushed.
November 13, 1906	Box matcher	m	Finger caught in feed rolls, end of middle finger on right hand mashed.
November 20, 1906	Helper	m	Second and third fingers on left hand mashed.
November 21, 1906	Rip sawyer	m	Caught finger in rip saw, end of thumb cut off back of nail.
December 20, 1906	Rip sawyer	m	Hand slipped handling frosty board, end of third finger right hand mashed.
March 4, 1907	Laborer	m	Overturning of loaded truck, end of fore finger right hand crushed.
----------	Miscellaneous	m	Sixty-five minor accidents occurred in shops at Fort Madison and Keokuk of the following character: finger mashed, thumb mashed, toe bruised, foot bruised, head bruised, and other bruises and sprains that usually occur in large shops, none of which caused a great loss of time.

FACTORY INSPECTION—CONTINUED

LINN COUNTY.

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
May 8, 1907	Laborer	m	Truck run over foot, dislocating small bones.
April 5, 1907	Pressman	m	Got foot in hole in conveyer box, foot lacerated.
September 12, 1907	Foreman	m	Breaking of driving chain, back injured.
November 7, 1907	Laborer	m	Block thrown from circular saw struck him in abdomen, peritonitis developed later, but recovered.
October 2, 1907	Millman	m	Hand crushed, off three weeks.
October 4, 1907	Foreman	m	Skull fractured, collar bone broken.
August 23, 1907	Machine hand	m	Cut fingers on jointer, not serious.
May 13, 1907	Packer	m	Hand cut in elevator, wrist sprained, absent from work three weeks.
October 22, 1907	Laborer	m	By mistake turned on steam valve for a water valve, burned about body.
April 25, 1907	Lineman	m	Came in contact with live wire, badly burned.
November 30, 1907	Assistant Supt.	m	Fell off car, ankle sprained.
June 2, 1906	Laborer	m	Cable on elevator broke, leg broken in two places, face bruised and eye injured.
December 17, 1906	Laborer	m	Casting rolled on finger, finger badly mashed.
January 13, 1907	Machinist helper	m	Boom on derrick broke, cutting off three toes on left foot and badly mashing same.

MAHASKA COUNTY.

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
May 24, 1907	Lamp trimmer	m	Electric shock from lamp in rain storm.
April 20, 1907	Laborer	m	Struck by spike maul, not serious.
November 1, 1907	Conductor	m	Pinched between two cars, fully recovered.
August 28, 1906	Engineer	m	Undertook to push belt over on governor with naked hand, his hand slipped off and caught between fly wheel of engine and governor pulley, tore two fingers nearly off and flesh off back of hand.

MARION COUNTY.

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
December 1906	Woodworker	m	One finger cut off by chopping knife.
September 20, 1907	Machinist	m	Wiping drill press with waste, waste caught in cogs taking his finger with it, one finger taken off.

MARSHALL COUNTY.

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
March 20, 1907	Laborer	m	While using emery wheel, ground limb above knee quite deep into flesh.
---------- 1907	Machinist	m	End of one finger cut off in lathe gear.
April 17, 1907	Car repairer	m	Caught foot between plank and tie while moving car wheels and same ran over foot. Ankle sprained and bone broken in foot.
June 8, 1907	Machinist	m	Hand caught on set screw of reamer, severe wound in palm of hand.
August 2, 1906	Carpenter	m	Hit by piece of bolt, severe cut below eye.
September 15, 1907	Molder	m	Melted iron splashed on foot, badly burning same.

FACTORY INSPECTION—CONTINUED

MONTGOMERY COUNTY.

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
August 1907	Rivet helper	m	Spark flew in eye, burning the eye ball.
October 1907	Blacksmith	m	In raising iron over head, sprained his back.
April 15, 1907	Cutter	m	Caught hand in fire door, hand mashed.
April 16, 1907	Feeder	m	Caught fingers in Gordon press, one finger broken.
April 17, 1907	Truckman	m	Fell down elevator shaft, badly bruised.
July 3, 1907	Finsher	f	Caught finger in machine, finger mashed.
August 17, 1907	Trucker	m	Operating elevator, one finger broken.
October 7, 1907	Cutter	m	Operating paper cutter, cut off end of one finger.
December 6, 1907	Finsher	f	Operating gumming machine, two fingers cut.
December 18, 1907	Stockman	m	Running board slipped on which he was trucking stock, body bruised and badly shaken up.

MUSCATINE COUNTY.

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
February 5, 1907	Machine hand	m	Third finger of left hand lacerated to the second joint on jointer.
May 11, 1907	Carpenter	m	While cutting pockets in pulley, cut left wrist about one-third off.
May 13, 1907	Machine hand	m	Operating boring machine, left wrist torn and lacerated.
August 12, 1907	Button polisher	m	By error mixed two acids which exploded, burning cheek and nose.
October 18, 1907	Mach. operator	f	Cleaning machine while in motion, cut joint of first finger on right hand.
December 20, 1907	Mach. operator	f	Second finger of right hand cut off by shaping tool.
April 3, 1907	Mach. operator	f	Index finger of right hand mashed.
December 28, 1907	Mach. operator	f	Half of first joint of index finger cut off.
February 7, 1907	Mach. operator	f	Drill ran through index finger of right hand forward of first joint.
April 29, 1907	Mach. operator	f	Arm pinched between elbow and wrist, not serious.
August 15, 1907	Foreman	m	Caught in ventilating fan when putting on belt, left ear cut, face cut in two places, and both hands cut and bruised.
July 6, 1907	Mach. operator	f	Made false move with hand, lost end of index finger.
October 15, 1907	Pressman	m	Opening steam valve caught finger, one finger dislocated.

PAGE COUNTY.

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
---------- 1907	Engineer	m	Washing boiler, threw cold water into boiler before it had cooled sufficiently, face and arms scalded, disabled about two weeks.
---------- 1907	Drayman	m	Jumping off dray, broke two or three small bones in ankle, disabled about two months.
---------- 1907	Egg foreman	m	Car approach slipped off edge of car door and dropped him off platform with a truck load of eggs, sprained back, disabled two weeks.

FACTORY INSPECTION—CONTINUED

POLK COUNTY.

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
April 29, 1906	Roundhouse man	m	Fire flew from fire box, face and arms burned.
August 24, 1906	Hostler	m	Turntable broke, knee sprained.
August 28, 1907	Machinist	m	Binder fell, crushing foot.
November 29, 1907	Laborer	m	Fell in hole, knee hurt.
September 11, 1907	Weaver	m	Was repairing loom when another employe started loom without warning, one bone broken in hand, disabled eight weeks.
August, 1907	Laborer	m	Stepped on treadle machine and looking around with thumb on anvil, left thumb mashed.
December, 1907	Laborer	m	Another employe stumbled and accidently stepped on treadle of machine, the end of first and second finger mashed.
October, 1907	Laborer	m	Adjusting one end of machine and left his finger on plate, first finger mashed to first joint.
March 23, 1907	Carpenter	m	Fell on trestle, sprained back.
July 3, 1907	Laborer	m	Was raising load with cross bar, bracing foot against some braces sticking out of a ditch, fell in ditch striking head on one of the braces, cut gash in head.
June 15, 1907	Laborer	m	Leg caught by dirt caving in while in sewer trench, leg broken.
June 12, 1907	Laborer	m	Knee bruised by being caught under steam shovel, disabled about two weeks.
July 3, 1907	Machinist	m	Caught his right hand in cogs of derrick, disabled four weeks.
April 16, 1907	Oven man	m	Throwing kerosene on smouldering coals, burned on the face and left arm, fully recovered.
November 15, 1907	Packer	m	Right hand caught in sprocket chain on packing table, in attempting to release himself with left hand, both hands drawn between chain and sprocket wheel, both hands lacerated, fully recovered.
January, 1907	Laborer	m	Fell from ladder, wrenched back.
January 5, 1907	Pressman	m	Caught finger in press, finger cut.
August 1, 1907	Boilerm. helper	m	Glance stroke of hammer, cut upper lip.
August 2, 1907	Boilermaker	m	Burned from kerosene explosion, put kindling and kerosene in boiler to heat sheet from top side, boiler already hot caused explosion when he lighted it, top of head, face and hands burned.
December 3, 1907	Helper	m	Struck on ankle by sheet of steel when unloading from wagon, cutting artery, off one week.
September 17, 1907	Helper	m	Dropped screw punch on hand on edge of piece of steel while punching holes, blood poison set in, off three weeks.
December 21, 1907	Body ironer	f	Hand burned and slightly crushed.
June 21, 1907	Packer	m	Shoulder dislocated.
October, 1907	Marker	m	Accidently got finger in cogs, flesh at point of finger torn off.
December, 1907	Leveler	m	End of one finger to first joint lost.
December, 1907	Leveler	m	Thumb lost.
December, 1907	Foreman	m	Fleshy part of base of thumb mashed.
March 6, 1906	Laborer	m	Leg injured climbing out of ditch, leg injured below knee.
July 7, 1906	Laborer	m	Injured by caving in of ditch, rib broken, face and head injured.
August 8, 1906	Laborer	m	Pipe fell in ditch striking workman, back injured.
August 24, 1906	Laborer	m	Leg of coke wagon dropped on foot, toe nail torn off.

FACTORY INSPECTION—CONTINUED

POLK COUNTY—CONTINUED

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
February 8, 1907	Driver	m	In backing wagon by hand, out of yard, hub struck post and tongue struck workman throwing him face down on frozen ground, jaw broken, face cut and side hurt.
January 16, 1907	Laborer	m	Slipped while calking 16-inch pipe, severe sprain.
June 18, 1907	Laborer	m	Caving in of ditch, side and arm bruised.
June 18, 1907	Laborer	m	Hand caught in pulley while loading gas pipe, finger mashed.
August 12, 1907	Laborer	m	Caving in of ditch, knee injured.
September 16, 1907	Derrick hand	m	Hand caught in derrick, two fingers broken and mashed.
March 31, 1906	Shopman	m	Lever struck his thumb, thumb broken.
April 7, 1906	Shopman	m	Got hand in saw, cut on hand.
September 25, 1906	Shopman	m	Finger caught in cogs, finger mashed.
November 24, 1906	Shopman	m	Fell from ladder; bruised, not serious.
March 30, 1907	Shopman	m	Ran chisel in leg, cut, not serious.
April 20, 1907	Shopman	m	Hand caught in planer, hand lacerated.
May 13, 1907	Shopman	m	Struck on head by car beam, head bruised.
May 18, 1907	Shopman	m	Ran tool in hand, hand lacerated.
July 5, 1907	Shopman	m	Hand caught in auger, hand lacerated.
January 11, 1907	Shopman	m	Finger caught in machine, finger lacerated.
----------	Shophands	m	Thirty-seven minor accidents were reported in shops of the following character: finger bruised, hand bruised, foot bruised, leg cut, eye injured by steel from emery wheel, and numerous accidents of this sort, of which some caused no loss of time while others caused a loss of from one to ten days.

POTTAWATTAMIE COUNTY.

July 30, 1906	Boiler washer	m	Slipped off engine, rib fractured.
November 29, 1906	Sta. Fireman	m	Fire flashed from box, face burned.
March 26, 1907	Laborer	m	Block fell, head injured.
August 7, 1907	Car cleaner	m	Fell from ladder, wrist sprained.
December 18, 1907	Blacksm. helper	m	Wrench fell striking him on nose, breaking same.
August 23, 1906	Laborer	m	Horse ran away with him, two ribs broken.
December 12, 1907	Painter	m	Pile of material fell on him, causing scalp wound requiring stitches.
December 10, 1907	Superintendent	m	Stick thrown back from saw, wrist injured, requiring stitches.
October 29, 1906	Assembler	m	Flesh torn from inside of little finger.
August 1, 1907	Driver	m	Fell from first floor to basement floor in elevator shaft. Body bruised, fully recovered.
January 18, 1906	Conductor	m	Caught hand closing car doors, end of finger pinched off.
July 12, 1906	Conductor	m	Caught hand closing car window, finger split.
January 2, 1907	Conductor	m	Assaulted by drunken passenger, face and head injured.
March 7, 1907	Conductor	m	Trolley came off and rope wound around his hand, hand severely cut.
October 5, 1907	Trackman	m	Chip from stone paving block struck him in the eye, lost vision for week or so, fully recovered.
November 27, 1907	Trackman	m	Alighted from moving car and fell, head and back injured.
April 18, 1907	Engineer	m	Slipped on roundhouse stairs, ankle injured.
December 4, 1907	Laborer	m	Handling ice pike pole slipped, side injured.

FACTORY INSPECTION—CONTINUED

POTTAWATTAMIE COUNTY—CONTINUED

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
December 28, 1907	Boilermaker	m	Fell between engine and tank, ribs fractured.
October 30, 1907	Laborer	m	Struck by car door, internal injuries.
October 19, 1907	Fireman	m	Fell off tender, fractured ribs.
August 22, 1906	Car repairer	m	While icing cars, hip sprained, back injured.
August 10, 1906	Laborer	m	Loading air pump on truck, left foot bruised.
November 15, 1906	Car repairer	m	Repairing car, hip sprained.
December 21, 1906	Hostler	m	Pulling chutes, ear partly torn off.
----------	Shophands	m	Seventy-five minor accidents were reported in shops of the following character: finger bruised, hand bruised, foot bruised, leg cut, stepping on nail, and numerous accidents of this sort, of which some caused no loss of time while others caused a loss of from one to ten days.

SCOTT COUNTY.

October 11, 1907	Crane operator	m	Fell off crane, broke several ribs.
April 16, 1907	Helper	m	Beam dropped on foot, foot mashed.
----------	Oiler	m	Caught in gear, arm injured.
----------	Miller	m	Caught between belt and shaft, hand crushed.
August 26, 1907	Stock boy	m	Caught foot in freight elevator, injuring foot, disabled three weeks.
November 22, 1907	Machinist	m	Hand caught in press, hand crushed.
August 8, 1907	Machine hand	m	Reached hand into saw, ring finger hurt.
----------	Butcher	m	Inspector carried knife under arm, sharp edge up, and while working close to inspector, drew arm across knife, cutting muscle of forearm to bone.
----------	Machine hand	m	Sleeve of shirt caught in spindle of drill press, injuring arm and shoulder.
April, 1906	Porter	m	Caught foot and fell down six steps, ankle sprained.
March 13, 1907	Warehouseman	m	Fell down elevator shaft, head bruised and eye cut.
August 15, 1907	Packer	m	Packing hatchet slipped, cutting hand.
July 30, 1906	Mangler	f	Working on receiving side of mangle and got both hands caught between rolls; fingers on left hand slightly burned, fingers on right hand were all amputated except the thumb.
October 15, 1906	Trucker	m	Bolster slipped off hook and fell on foot, left foot badly bruised.
June 28, 1907	Pipe fitter	m	Crane ran into him, left foot badly bruised.
February 12, 1907	Press operator	m	Pile of beams fell over, right ankle broken.
December 8, 1906	Press operator	m	Frame slipped and fell on foot, left instep badly bruised.
August 23, 1906	Truckman	m	Bolster fell off truck and fell on foot, left foot badly bruised.
March 6, 1907	Laborer	m	Bundle of tie bars slipped, left leg injured.
April 22, 1907	Craneman	m	Jumped from car, left hip dislocated.
August 15, 1906	Laborer	m	Pile of beams fell off truck on foot, left foot badly injured.
July 16, 1907	Air hammer operator	m	Got caught between two center sills, badly injured.
October 30, 1906	Helper	m	Pile of beams fell off truck and fell on foot, left foot crushed.
October 17, 1906	Rivetman	m	Bolster fell on him, left leg injured.
February 14, 1907	Laborer	m	Hit with shovel, left arm broken.

FACTORY INSPECTION—CONTINUED

SCOTT COUNTY—CONTINUED

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
December 31, 1906	Helper on crane	m	Cable on crane broke, back, arm and head injured.
June 4, 1906	Press operator	m	Truck load of beams fell over, right ankle badly bruised.
November 22, 1906	Trucking	m	Bolster fell off truck, right big toe mashed.
July 15, 1907	Helper	m	Center sill fell on him, left leg broken between knee and ankle.
January 15, 1906	Laborer	m	When he raised top bolster, the one underneath fell upon his foot, right foot mashed.
January 23, 1907	Trucking	m	Truck upset and bolster fell on him, left ankle broken.
June 19, 1906	Laborer	m	Trolley truck fell down, serious scalp wound.
June 19, 1907	Driver	m	Horse kicked over front of buggy, left leg broken.
May 27, 1907	Press hand	m	Caught finger under die, first joint of first finger right hand was cut off.
January 8, 1907	Press hand	m	Finger caught under die, part of first finger right hand cut off.
January 25, 1907	Inspector	f	Taking can out of machine while in operation; deep gash in first finger left hand.
March 18, 1907	Press hand	m	Fingers slipped under die, first finger on right hand almost cut off, causing amputation.
March 16, 1907	Laborer	m	Accidently put finger under die, lost first joint of first finger and small piece of second on left hand.
March 23, 1907	Cutting caps	f	Lost part of first finger on right hand.
April 10, 1907	Forming rings	f	Finger caught in machine, small piece pinched out of left hand.
April 23, 1907	Laborer	m	Sleeve caught on screw on machine, left arm twisted and sprained.
May 18, 1907	Making caps	f	Stepped on lever by accident, tip of first finger right hand cut off.
July 13, 1907	Press hand	f	Taking out damaged cover, first finger was caught in punch, cut gash in first finger right hand.
July 30, 1907	Press hand	m	Finger slipped under punch, small piece cut off second finger right hand.
September 13, 1907	Machine operator	m	Hand caught by chain when oiling, hand crushed.
September 14, 1907	Press hand	f	First two fingers caught under punch, cut off half of first finger and tip of second.
September 1907	Press hand	f	Put fingers under die while in operation, two fingers cut off at first joint.
January 30, 1906	Lineman	m	Shocked while working on trolley pole, disabled two weeks.
January 16, 1906	Trackman	m	Struck by side of car, disabled two months.
October 22, 1906	Trackman	m	Struck in eye by spike maul, disabled two months.
January 10, 1907	Shopman	m	Hand badly cut by saw, disabled three months.
February 13, 1907	Laborer	m	Sand box cover fell on head while filling pail from box, disabled three weeks.
March 19, 1907	Carpenter	m	Hand cut by circular saw, disabled five months.
March 12, 1907	Motorman	m	Car collided with outgoing interurban, disabled five weeks.
March 3, 1907	Shopman	m	Head cut by planing machine, disabled six weeks.
March 23, 1907	Motorman	m	Head-on collision of cars, disabled eleven weeks.
October 5, 1907	Motorman	m	Runaway ran into front end of car, disabled eleven weeks.
January 29, 1906	Helper	m	Caught hand in drill, cutting his hand.
May 31, 1906	Helper	m	Ladle splashing, burning foot and ankle.
February 9, 1907	Shopman	m	Two left hand fingers cut off near first joint.

FACTORY INSPECTION—CONTINUED

SCOTT COUNTY—CONTINUED

Date.	Occupation.	Sex.	Cause of Accident; Extent of Injury.
May 9, 1907	Shopman	m	Knocked down iron bar which fell on foot, crushing same.
June 28, 1907	Shopman	m	First joint of little finger on left hand cut off.
December 9, 1907	Shopman	m	Cut off piece of flesh and mashed tip of one finger.
January 31, 1907	Carpenter	m	Piece of wood twisted in handsaw, a deep cut between first and second finger.
November 12, 1907	Machinist	m	Piece of wood he was working and his hands fell into knives of jointer, cut three fingers on right and four on left hand.
November 15, 1907	Machine hand	m	Fell off ladder in lumber shed, sprained wrist.
----------	Shophands	m	Seventy-three minor accidents were reported in shops of the following character: bruised fingers, toes, chip in the eye, etc., and were not of a serious nature.

STORY COUNTY.

March 1, 1907	Cooper	m	Cover slipped and carried his finger into saw, almost cut the end of third finger off.

UNION COUNTY.

February 25, 1906	Machinist	m	Caught finger in cylinder, finger mashed.
March 31, 1906	R. H. machinist	m	Jacking up hand brake, fingers cut and bruised.
March 16, 1906	Machinist	m	Crawling from under engine, head cut and hand mashed.
May 23, 1906	Machinist	m	Journal box fell on finger, finger injured.
June 4, 1906	Shopman	m	Sheet iron fell on fingers, finger mashed.
July 3, 1906	Boiler washer	m	Piece of iron fell on foot, toe mashed.
July 13, 1906	Latheman	m	Struck by ladder, hip, head and shoulder injured.
July 11, 1906	Boilermaker	m	Fell off scaffold, rib broken.
August 9, 1906	Roundhouse man	m	Jumped into ash pit, ankle sprained.
August 11, 1906	Machinist	m	Accidently stepped off engine, back sprained and bruised.
August 29, 1906	Engine wiper	m	Foot caught in turntable, foot mashed.
December 12, 1906	Laborer	m	Grindstone fell on leg, leg broken.
February 23, 1907	Machinist helper	m	Shaft fell off engine on foot, foot mashed.
March 29, 1907	Machinist	m	Caught finger in machine, finger injured.
April 6, 1907	Car repairer	m	Hand caught in axle of car, finger mashed.
May 2, 1907	Boilermaker	m	Struck in stomach by bar, injured internally.
May 16, 1907	Machinist helper	m	Casting fell on foot, foot crushed.
September 26, 1907	Machinist	m	Caught hand in slotting machine, fingers lacerated.
October 7, 1907	Shopman	m	Trestle in shop fell on him, foot injured.
November 12, 1907	Machinist helper	m	While driving mandrill got piece of copper in hand, injuring hand.

FACTORY INSPECTION—CONTINUED

WAPELLO COUNTY.

Date.	Occupation.	Sex.	Cause of Accident; Extent of Injury.
February 14, 1906	Boiler washer	m	Fell from running board, arm broken.
December 24, 1906	Laborer	m	Operating machine in shop, neck strained.
January 23, 1907	Shopman	m	Unloading supplies, finger injured.
January 18, 1907	Machinist	m	Putting casting on truck, thumb mashed.
January 10, 1906	Laborer	m	Hog suspended by shackling hook became lodged and by attempting to release it lost balance, fell in water; scalded body and legs.
December 14, 1906	Laborer	m	Firing under feed stoker in dryer undertook to remove with his hand coal that had choked the stoker; left hand crushed, had to be amputated.
July 26, 1906	Laborer	m	Was feeding leaf lard into hashing machine which contained revolving knives; left arm crushed and amputated below elbow.
December 1, 1907	Carpenter	m	Was working under platform by side of railroad track, was attempting to get out from under when at the same time a switching crew backed down on him, crushed between side of car and side of platform, injuring him internally.
October 30, 1907	Ham sorter	m	Working at bottom of ham chute sorting hams and in some manner slipped and fell on floor, right leg broken.
December 5, 1907	Laborer	m	Fell from moving elevator, three ribs broken and temporarily injured.
April 3, 1907	Working in sausage room	f	Hand caught under piston of sausage machine, kept one hand on lever, reached around cylinder with the other hand and not being able to see where it was, pulled the lever down which caused the piston to crush the other hand, part of fingers on left hand severed.
April 15, 1907	Foreman of ice men	m	Tried to put belt on revolving pulley; left arm caught in pulley, arm and fingers of left hand broken, right hand and head cut.

WEBSTER COUNTY.

---------- 1906	Laborer	m	Kicked by horse, horse slipped on rail as they were about to dump a car of rock in shed and struck man on knee with its hoof, cutting knee cap.
---------- 1906	Engineer	m	Was starting engine turning fly wheel when it kicked back and threw him to ground, causing truss which he wore to turn over injuring cords.
---------- 1906	Packer	m	Was sewing sacks and jerked needle, hitting his other arm with such force as to break small bone in wrist.
---------- 1906	Laborer	m	Was pushing car of rock to cage for hoisting when car he was pushing jumped track, catching his finger between car and wall of mine, finger mashed and nail torn off.
---------- 1906	Miner	m	Was loading rock in mine car when a large piece of rock caused car to jump the track, car fell on foot crushing same.

FACTORY INSPECTION—CONTINUED

WEBSTER COTNTY—CONTINUED

Date.	Occupation.	Sex.	Cause of Accident; Extent of Injury.
---------- 1906	Miner ----------	m	Was climbing into car during noon hour to eat his lunch, when his foot slipped, causing him to fall, striking his head against track rail, cutting his head open from top of right side across forehead to base of nose.
---------- 1906	Driller ----------	m	Was drilling rock when a chunck of rock fell crushing his thumb.
---------- 1906	Packer ----------	m	Was sewing sacks and ran needle into his left side.
---------- 1906	Laborer ----------	m	He was riding down on car of rock hauled by locomotive, when he reached the scales jumped off car to weigh, when he slipped under car, car ran onto him crushing foot.
---------- 1906	Miner ----------	m	Bone in left leg broken below knee, he was prying down loose rock in face of room when rock fell before he expected, fell on his leg crushing bone.
May 11, 1907	Driver ----------	m	Car ran over foot crushing same.
June 11, 1907	Miner ----------	m	Bone in hand splintererd.
April 25, 1907	Miner ----------	m	Two last fingers on right hand mashed, tried to stop car with hands and got his hand caught between cars.
May 29, 1907	Loader ----------	m	Loaded car ran onto his foot, crushing same.
July 28, 1907	Sacker ----------	m	Piling up baled hair, stepped on board that gave way, letting him through to pit.
August 8, 1907	Loader ----------	m	Pushed loaded car on cage not knowing it was rung off—cage started up and caught his foot between planks and end of car, foot crushed.
September 22, 1907	Cager ----------	m	Slipped on flat sheet while pushing car on cage and sprained his back.
September 10, 1907	Driver ----------	m	Was holding back car of rock when it jumped track, catching his foot crushing same.
January 11, 1907	Miner ----------	m	About to charge a hole with powder for a blast, fire from lamp got in can of powder causing same to explode—injured about face and hands.
January 11, 1908	Miner ----------	m	Powder explosion same as above, badly burned about face and hands.
May 8, 1907	Trackman ----------	m	Caught elbow on side of shaft while cage was in motion, arm injured.
January 6, 1906	Boiler washer ----	m	Alighted from engine that had ice on steps, ankle sprained.
September 20, 1906	Car repairer ------	m	Air hose broke stopping train suddenly, throwing him to ground, skull fractured, part of bone removed.
May 27, 1907	Cooper ----------	m	Board, after passing through machine, flew back hitting the operator, disabled five weeks.
October 24, 1907	Cooper ----------	m	Accidently got his hand caught between rollers of machine crushing same, disabled four weeks.
February, 1906	Laborer ----------	m	Piece of clay fell from bank, breaking small bone in ankle.
December, 1907	Laborer ----------	m	Car jumped track and tipped over, one leg injured in falling.

WINNESHIEK COUNTY.

May, 1907	Moulder ----------	m	End of thumb and forefinger cut off.

FACTORY INSPECTION—CONTINUED

WOODBURY COUNTY.

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
July 26, 1907	Brick setter ------	m	In setting brick in the kiln and standing on the handles of the barrow he slipped and fell to one side and caught his foot under one handle falling over the other breaking his knee joint, disabled about two months.
---------- 1907	Elevatorman ------	m	Employe dropped case of canned meat from third floor, struck on shoulder, badly injuring same.
---------- 1907	Cellar man -------	m	Skidding vinegar barrels to floor from where piled, caught finger between barrel being lowered and one on pile, cutting one finger off.
---------- 1907	Office boy -------	m	Pushing another boy up a chute running from packing room to shipping floor one story, fell about eight feet, breaking his arm.
---------- 1907	Tea packer -------	m	Weight on foot power tea press got loose and threw hand lever up crushing little finger.
---------- 1906	Elevator man -----	m	Loaded elevator with tubs, placed them too close to one side of elevator, caught on second floor crowding toward center of elevator pushing elevator man against second floor—he stopped elevator, but not until body was squeezed and a couple of ribs broken.
February 24, 1907	Carpenter --------	m	Caught in freight elevator, back sprained.
----------	Order clerk -------	m	Slipped and fell from ladder, breaking his arm.
December 2, 1907	Boilermaker ------	m	Fell from engine, knee sprained.
March 25, 1907	Pipeman ----------	m	Fell from dome of engine, thigh bruised and sprained.
March 18, 1907	Boiler helper ----	m	Box of iron fell on foot, toes of left foot crushed.
April 25, 1907	Helper ----------	m	Getting off engine, sprained left ankle.
May 21, 1907	Pipeman ----------	m	Prying up pipe, end of finger on right hand cut off.
July, 1907	Laborer ----------	m	Leg caught between table and wall, instep bruised and mashed.
August 12, 1907	Machinist --------	m	Driving box fell on foot, foot crushed.
May, 1907	Laborer ----------	m	Caught finger in moulding cutter, lost two joints of third finger right hand.
February 19, 1907	Engineer ----------	m	Severe electric shock, turned two switches instead of one, thumb and wrist severely burned.
February 23, 1907	Conductor --------	m	Ankle sprained while adjusting trolley.
March 23, 1907	Fireman ----------	m	Blow-off cock broken, leg scalded.
April 8, 1907	Car repairer ------	m	Pit wagon fell on foot, foot crushed.
July 23, 1907	Lineman ----------	m	Right foot caught under line car, foot crushed.
August 19, 1907	Conductor --------	m	Squeezed between two cars, shoulder injured.
September 2, 1907	Blacksmith ------	m	Piece of hot iron fell on foot, foot burned.
September 10, 1907	Machinist --------	m	Hand caught in cog-wheels, hand crushed.
September 20, 1907	Lineman ----------	m	Tower of line wagon broke in two, head injured.
October 14, 1907	Carpenter --------	m	Finger caught in jointer, finger amputated.
November 19, 1907	Machinist --------	m	Hand box slipped and fell on foot, foot crushed.
December 10, 1907	Machinist --------	m	Accidently struck on head with sledge hammer, head injured.
December 16, 1907	Machinist --------	m	Injured while lifting beam on drill press, one finger crushed.

FACTORY INSPECTION—CONTINUED

WRIGHT COUNTY.

Date.	Occupation.	Sex.	Cause of accident; Extent of injury.
May 21, 1906	Machinist helper	m	Caught in gear of lathe, fingers injured.
December 9, 1906	Boilerm. helper	m	Truss-rod fell striking hand, fingers injured.
January 2, 1907	Boiler washer	m	Fell in pit, knee and hip injured.
May 16, 1907	Boilermaker	m	Flue plug blew out, scalded.
June 15, 1907	Laborer	m	Coupling engine and tender, hip injured.

GRADED WAGES AND SALARIES.

The following table is compiled from the reports of 590 employers in 69 counties of the state and represents 148 different branches of industry, showing nature of industry, division of occupation, sex of workers, rate basis by hour, day, week, month or year, actual rate of wages, including highest, medium and lowest rates, number of hours worked per day, and increase or decrease in wages paid during the biennial period of 1906-1907.

The following chapter is the most complete the Bureau has ever been able to collect:

GRADED WAGES AND SALARIES, WITH HOURS WORKED PER DAY AND WEEK, AND VARIATION IN RATE FOR 1907.

COLLECTED FROM THE EMPLOYERS IN IOWA.

ADAMS COUNTY.

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Flour Mfg. and Grain Dealers—									
Driver	m	w	8.00			10	60	n	n
Engineer	m	w	10.00			10	60	n	n
Helpers	m	w	14.00			10	60	n	n
Miller	m	w	12.00			10	60	n	n
General Printing and Publishing—									
Job printer	m	w	12.00			10	60	n	n
News printer	m	w	9.00			10	60	n	n
News printer	f	w	9.00			10	60	n	n
Local editor	f	w	4.00			8	48	n	n

APPANOOSE COUNTY.

Brick and Tile Mfg.—									
Brickmaker	m	d	3.00			9	54	n	n
Common labor	m	d	1.75	1.35	1.00	9	54	n	n
Engineer and machine men	m	d	2.00			9	54	n	n
Kiln setter	m	d	2.50			9	54	n	n
Newspaper Pub. and Job Printing—									
Carrier boys	m	w	1.00			(b)		n	n
Collector	f	w	3.00			10	54	n	n
Editor	m	m	75.00			10	60	n	n
Foreman	m	w	12.00			10	60	20%	
Head setter	f	w	3.00			10	59	n	n
Helper	m	w	3.00			10	59	n	n
Job man	m	w	10.00			10	59		n
Linotyper	f	w	6.00			10	59	n	n
Reporter	m	w	10.00			10	60		

(b) Evenings after school only; (n) not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

APPANOOSE COUNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Newspaper Pub. and Job Printing—									
Compositors	f	w	7.00	5.00		9	54	n	n
Foreman	m	w	17.00	17.00		9	54	n	n
Helper	m	w	12.00	12.00		9	54	n	n
Job and ad man	m	w	8.00	8.00		9	54	n	n
Railroad Repair Shop—									
Ash pit labor	m	h	.16½			10	70	n	n
Assistant shop or chief clerk	f	m	40.00		30.00	8	48		
Blacksmith	m	h	.37			9	63	23%	
Boilermaker	m	h	.37	.31	.23½	9	63	11%	
Caller	m	h	.16⅔			11	77		
Car inspector	m	h	.22			16	112	10%	
Carpenter	m	h	.27			9	63	4%	
Car repairers	m	h	.20		.19	9	63	7%	
Day foreman	m	h	.37			10	70	10%	
Coach cleaner	m	m	44.00			10	70	9%	
Locom. boiler washer	m	h	.21			10	70		
Locomotive fire cleaner	m	h	.16⅔			12	84		
Locomotive cleaner	m	h	.16⅔			10	70		
Locomitive fire builder	m	h	.16⅔			11	77		
Locomotive hostler	m	h	.19½			12	84		
Locomotive inspector	m	h	.24			9	63	8%	
Machinist	m	h	.37		.30	9	63	9%	
Messenger boy	m	m	10.00			8	48	23%	
Night foreman	m	h	.24			12	84		
Sand dryer	m	h	.16⅔			10	70	9%	
Shop or chief clerk	m	m	90.00			8	48	55%	
Stationary engineer	m	h	.17½			8	48		
Stenographer and clerk	f	d	1.45			8	48		
Skirt Manufacturing—									
Assistant cutter	m	w	6.00			8 5-6	53	n	n
Assistant cutter	m	w	6.00			9	54	n	n
Cutter	m	w	18.00	15.00	12.00	9	54	27%	
Forelady	f	w	6.00	5.00	4.00	9	54	16%	
Hook and eye and button sewer	f	w	4.00			9	54	n	n
Inspectors	f	w	5.00	n	4.00	9	54	n	n
Office clerk	m	w	11.00			9	54	n	n
Operators	f	w	5.00	5.00	3.00	9	54	n	n
Presser	m	w	16.00	15.00	15.00	9	54	6⅔%	
Shipping clerk	m	w	6.00			9	54	n	n
Superintendent	m	w	35.00	20.00	15.00	9	54	57%	

BENTON COUNTY.

Newspaper and General Printing—									
Clerk	f	w	5.00		6.00	9	52	20%	
Compositor	m	w	12.00		11.00	9	52	10%	
Job printer	m	w	13.00		12.00	9	52	10%	
Machine operator	m	w	12.00		11.00	9	52	10%	

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

BENTON COUNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Railroad Repair Shops—									
Blacksmith	m	h	.36	.34	.30	10	65	n	n
Boilermaker	m	h	.37	.36	.34	10	65	n	n
Laborers	m	h	.20	.17½	.15	10	65	n	n
Machinist	m	h	.37	.34	.34	10	65	n	n
Painter	m	h	.23	n	n	10	65	n	n
Tinner	m	h	.22½	n	n	10	65	n	n

BLACK HAWK COUNTY.

Agricultural Implement Mfg.—									
Blacksmiths	m	d	3.07	3.07	2.25	10	60		
Blacksmith helper	m	d	1.75			10	60		
Chippers	m	d	3.12	2.70	2.41	10	60		
Coremakers	m	d	2.75	2.00	1.50	10	60		
Erectors	m	d	3.30	2.40	1.50	10	60		
Erector helpers	m	d	1.37	1.25	1.00	10	60		
Helpers	m	d	1.75			10	60		
Laborers	m	d	2.75	1.90	1.75	10	60		
Machinists	m	d	4.07	3.27	2.25	10	60		
Machine hands	m	d	2.50	2.25	2.00	10	60		
Machine helpers	m	d	1.75			10	60		
Painters, skilled	m	d	4.07	2.50	2.02	10	60		
Painters, semi-skilled	m	d	2.97	2.25	1.74	10	60		
Painters' helpers	m	d	1.82	1.50	1.45	10	60		
Shipping clerks	m	d	3.00	1.90	1.75	10	60		
Agricultural Implement Mfg.—									
Blacksmith	m	h	.30		.30	10	60	n	n
Carpenters	m	h	.25	.22½	.22½	10	60	n	n
General work	m	h	.22½	.20	.14	10	60	n	n
Machinist	m	h	.27½			10	60	n	n
Painter	m	h	.20			10	60	n	n
Brass Foundry and Casting Mfg.—									
Moulders	m	d	2.75			9	52	n	n
Casket Manufacturing—									
Cabinet maker	m	m	83.00	72.00	65.00	10	60	5%	
Common laborers	m	h	.17½	15	.12½	10	60	n	n
Engineer	m	w	10.00			10	60		
Machinists	m	h	.27½	.25	.22½	10	60	n	n
Manager	m	w	18.00		15.00	10	60	n	n
Office clerk	f	w	9.00		8.00	9	54	n	n
Trimmers	m	h	.30	.22½	.15	10	60	n	n
Watchman	m	w	11.75		10.00	12	96	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

BLACK HAWK COUNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
City Water Works—									
Bookkeeper	m	w	17.50		15.00	8	48	14%	
Clerk	f	w	8.00		6.00	8	48	25%	
Clerk	m	m	45.00		45.00	8	48	n	n
Collector	m	m	45.00		35.00	8	48		20%
Engineer	m	m	75.00		70.00	10	70	7%	
Fireman	m	m	55.00		50.00	10	70	9%	
Helper	m	m	50.00		45.00	10	70		10%
Manager	m	m	208.34		208.34	n	n	n	n
Meter man	m	m	60.00	55.00	45.00	10	70		9%
Second engineer	m	m	60.00		55.00	10	70	8%	
Superintendent	m	m	125.00		125.00	n	n	n	n
Teamster	m	m	50.00		45.00	10	60	10%	
Cooling Rooms and Butcher Supplies—									
Assistant foreman	m	d	4.50			10	60		4%
Bench men	m	d	2.40	2.35	2.25	10	60	n	n
Foreman	m	d	4.50			10	60		11%
Helpers	m	d	2.00		1.90	10	60	n	n
Machine men	m	d	2.40	2.25	2.00	10	60	n	n
Painters	m	d	2.50	2.00		10	60	n	n
Tinners	m	d	2.50			10	60	n	n
Concrete Stone Mfg.—									
Common labor	m	h	.20			10	60	12½%	
Confectionery Mfg.—									
Cookers	m	d	23.00	15.00	4.50	10	60	n	n
Dippers	f	w	10.00	6.00	4.00	10	60	n	n
Engineer	m	w	12.00			12	72	n	n
Office clerk	m	w	10.00			10	60	n	n
Shipping clerk	m	w	12.00			10	60	n	n
Creamery Machinery Mfg.—									
Bookkeeper	f	m	65.00			8	48		
Clerk	m	m	65.00			8	48		
Machinist	m	w	21.00			10	60		
Manager	m	m	200.00			8	48		
Shipping clerk	m	w	16.00			10	60	n	n
Stenographer	f	w	10.00			8	48	n	n
Superintendent	m	m	100.00			8	48	n	n
Traveling salesman	m	m	100.00			n	n	n	n
Warehousemen	m	w	15.00	12.00	10.00	10	60		
Flour Manufacturing—									
Flour packers	m	h	.20	.19	.18	10	60		
Millers	m	m	80.00	70.00	60.00	10	60		
Teamsters	m	d	1.75		1.75	10	60		

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

BLACK HAWK COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Gas and Electricity Mfg.—									
Engineer	m	m	90.00	80.00	70.00	10	60	14%	
Fitter	m	d	3.00	2.50	1.75	10	60	33⅓	
Fireman	m	m	55.00		55.00	10	60	10%	
Helper	m	d	1.75	1.50	1.25	10	60	25%	
Janitor	m	d	1.75		1.75	10	60	16⅔	
Laborer	m	d	2.25	2.00	1.75	10	60	35%	
Lineman	m	d	2.50	2.00	1.75	9	54	16⅔	
Meter reader	m	d	3.00	2.25	1.75	10	60	20%	
Stoker	m	d	2.75	2.50	2.10	12	72	20%	
Trimmer	m	m	70.00		70.00	10	60	10%	
Watchman	m	d	2.00		2.00	10	60	16⅔	
Gas Engine Manufacturing—									
Helpers	m	h	.22½		.15	10	60		
Machinists	m	h	.35		.25	10	60		
Painter	m	h	.25			10	60		
Pattern maker	m	h	.27½			10	60		
General Printing and Publishing—									
Binders	f	h	.15		.12½	9	54	n	n
Compositors	m	w	13.50		9.00	8	48	11%	
Feeders	m	w	12.31	10.00	6.50	9	54	12%	
Press workers	m	w	19.69			9	54		
Gloves and Mittens Mfg.—									
Cutter	m	w	14.00		14.00	10	59		
Forelady	f	w	13.00		8.00	9	50		
Shipping clerk	m	w	9.00		9.00	10	59		
Grinding Mills and Implement Mfg.—									
Machinist	m	d	3.25			9	54	10%	
Moulders	m	d	3.25			9	54	10%	
Moulder helpers	m	d	2.00			9	54	10%	
Painter	m	d	2.50			9	54		
Painter helpers	m	d	2.00			9	54		
Hot Air Registers Mfg.—									
Common laborers	m	d	2.00		1.00	10	60		
Cupola tenders	m	d	2.00		1.75	10	60	10%	
Electro platers	m	d	3.00			10	60		
Moulders	m	d	3.25	2.25	2.50	10	60	10%	
Laundry—									
Drivers	m	w	13.00		10.00	10	60	n	n
Firing	m	w	12.00		12.00	10	60	n	n
Foreman	m	w	15.00		15.00	10	60	n	n
Ironers	f	h	.17		.09	10	60	n	n
Marking	f	h	.14			10	60	n	n
Recording	f	w	12.00		7.00	10	60	n	n
Sorters	f	w	13.00		11.00	10	60	n	n
Starchers	f	h	.12		.10	10	60	n	n
Washers	m	w	11.00		12.00	10	60	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

BLACK HAWK COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Manure Spreaders and Farm Implements Mfg.—									
Factory hands	m	d	2.50	1.75	1.00	10	60		
Stenographers	f	w	12.00	10.00	9.54	9	60	n	n
Petticoats, Wrappers, Aprons, etc., Mfg.—									
Cutters	m	w	16.00	12.00	6.00	10	60	n	n
Machinists	m	w	15.00			10	60	n	n
Sewing machine operators (a)	f	w	22.00	8.00	3.00	10	60	n	n
Retail Grocery—									
Clerks	m	w	7.00			11	69	10%	
Drivers	m	w	7.00			11	69	10%	
Bookkeeper	f	w	7.00			10	63		
Retail Lumber—									
Asst. general manager	m	m	100.00			10	60	n	n
Bookkeeper	m	m	75.00			10	60	n	n
General manager	m	m	150.00			10	60	n	n
Laborers	m	d	2.00		1.50	10	60	n	n
Stenographer	f	m	40.00			10	60	n	n
Yard manager	m	m	75.00	50.00	40.00	10	60	n	n
Retail Lumber—									
Assistant manager	m	m	65.00			10	60	n	n
Bookkeeper	m	m	75.00			10	60	n	n
Manager	m	m	100.00			10	60	n	n
Solicitor	m	m	55.00			10	60	n	n
Stenographers	f	w	8.00			10	60	n	n
Teamsters (b)	m	m	85.00		45.00	10	60	n	n
Yard foreman	m	m	50.00			10	60	n	n
Pork Packing—									
Butchers	m	w	16.50	12.00	9.00	10	60	n	n
Carpenters	m	w	18.00	15.00	15.00	10	60	n	n
Coopers	m	w	15.00		12.00	10	60	n	n
Engineers	m	w	16.00	15.00	12.00	10	60	n	n
Laborers	m	w	12.00		9.00	10	60	n	n
Meat trimmers (a)	f	w	n		n	8	48	n	n
Teamsters	m	w	11.00		10.00	10	60	n	n
Publishing Newspaper and Job Work—									
Compositors	m	w	20.00	15.00	13.00	8	48	10%	
Editor	m	w	20.00	15.00	11.00	10	60	n	n
Office clerks	f	w	12.00	10.00	7.00	9	54	n	n
Press room	m	w	18.00	12.00	9.00	9	54	n	n
Steel Boilers, Tanks, Stack Mfg.									
Boiler workers	m	h	.35		.27½	9	54	n	n
Helpers	m	h	.22½		.20	9	54	n	n

(a) Piece workers.
(b) Drivers furnish own team. (n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

BLACK HAWK COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs. per Day	Working Time: Hrs. per W'k	Change in Per Cent for Year Ending Dec. 31, 1907: Increase	Change in Per Cent for Year Ending Dec. 31, 1907: Decrease
Steel Hand Sleds and Hardware Mfg.—									
Blacksmiths	m	h	.20	-------	-------	10	60	n	n
Die setter	m	h	.22½	-------	.20	10	60	10%	-------
Helpers	m	h	.15	-------	.10	10	60	n	n
Machinists	m	h	.55	.37½	.30	10	60	37%	-------
Packers	f	h	.12½	-------	.10	10	60	n	n
Pressmen	m	h	.17½	-------	.16	10	60	10%	-------
Riveters	m	h	.17½	.16⅔	.15	10	60	17%	-------
Telephone—									
Linemen	m	m	50.00	-------	-------	9	54	n	n
Manager	m	m	60.00	-------	-------	9	54	n	n
Operators	f	m	25.00	-------	15.00	9	54	n	n
Telephone—									
Assistant lineman	m	m	60.00	-------	-------	9	54	n	n
Cashier	m	m	55.00	-------	-------	9	54	n	n
Chief operator	f	m	35.00	-------	30.00	9	54	n	n
Collectors	m	m	40.00	-------	-------	9	54	n	n
Ground man	m	d	2.00	-------	-------	9	54	n	n
Lineman	m	d	2.75	-------	2.25	9	54	n	n
Manager	m	m	80.00	-------	-------	9	54	n	n
Operators	f	m	27.50	-------	22.50	9	54	n	n
Solicitors	m	d	2.00	-------	-------	9	54	n	n
Superintendent	m	m	100.00	-------	-------	9	54	n	n
Well Drilling Machinery Mfg.—									
Blacksmiths	m	w	20.40	10.50	9.00	10	60	-------	-------
Machinists	m	w	15.00	-------	10.50	10	60	-------	-------
Office clerks	m	m	75.00	20.00	8.00	10	60	-------	-------
Woodworkers	m	w	30.00	-------	12.00	10	60	-------	-------
Wholesale Grocery—									
Bookkeepers	f	w	12.00	-------	-------	10	60	n	n
Cashier	m	w	16.00	-------	-------	10	60	n	n
Clerks	m	m	125.00	-------	60.00	10	60	n	n
Credit man	m	m	125.00	-------	-------	10	60	n	n
Helpers	m	w	17.00	-------	9.00	10	60	n	n
Stenographer	f	w	12.00	-------	-------	10	60	n	n
Traveling salesmen	m	m	150.00	-------	65.00	n	n	n	n
Wholesale Hardware—									
Bill clerk	m	m	52.00	-------	48.00	10	60	5%	-------
Bookkeeper	m	m	75.00	-------	70.00	10	60	5%	-------
Buyer	m	m	90.00	-------	-------	10	60	5%	-------
Manager	m	m	150.00	-------	150.00	6	36	20%	-------
Price clerk	m	w	12.00	-------	12.00	10	60	5%	-------
Secy. and Asst. Mgr.	m	m	125.00	-------	125.00	10	60	10%	-------
Shipping clerk	m	m	52.00	-------	-------	10	60	n	n
Stenographer	f	w	8.00	-------	-------	9	54	n	n
Stock men	m	w	11.00	-------	8.00	10	60	n	n
Traveling salesmen	m	m	125.00	-------	50.00	10	60	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

BLACK HAWK COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs. per Day	Working Time: Hrs. per W'k	Change in Per Cent for Year Ending Dec. 31, 1907: Increase	Change in Per Cent for Year Ending Dec. 31, 1907: Decrease
Wholesale Oils—									
Agent	m	m	125.00	-------	125.00	10	60	n	n
Drivers	m	m	60.00	55.00	50.00	10	60	n	n
Office clerk	m	m	50.00	-------	50.00	10	60	n	n
Warehousemen	m	m	60.00	-------	60.00	10	60	n	n

BOONE COUNTY.

Gloves, Furs, Tents and Awning Mfg.—									
Errand boy	m	w	4.00	-------	-------	10	60	n	n
Machine operator	m	w	9.00	-------	4.00	10	60	n	n
Secretary	m	w	15.00	-------	15.00	10	60	n	n
Superintendent	m	w	20.00	-------	20.00	10	60	n	n
Machine and Blacksmith Shop—									
Blacksmith	m	h	.30	-------	.30	10	60	n	n
Blacksmith helper	m	h	.20	.17½	.12½	10	60	n	n
Floorman	m	h	.25	-------	.25	10	60	n	n
Horseshoer	m	h	.30	-------	.30	10	60	n	n
Machine men	m	h	.20	-------	.20	10	60	n	n
Printing and Blank Book Mfg.—									
Bookbinders	m	w	16.00	6.00	3.00	9	54	-------	-------
Printers	m	w	16.00	6.00	3.00	9	54	-------	-------
Railroad Repair Shop—									
Blacksmiths	m	h	.37	.31¼	.30	8	48	-------	-------
Blacksmith helpers	m	h	.22	.20	.17½	8	48	-------	-------
Boilermakers	m	h	.37	.33	-------	8	48	-------	-------
Boilermaker apprentice	m	h	.15	-------	-------	8	48	-------	-------
Boilermaker helpers	m	h	.21	-------	-------	8	48	-------	-------
Boiler washers	m	h	.18	.15½	-------	10	70	-------	-------
Carpenters	m	h	.25	.22	-------	8	48	-------	-------
Car repairers	m	h	.25	.19¼	.17	8	48	-------	-------
Clerks	m	m	75.00	60.00	50.00	-------	-------	n	n
Foreman	m	m	40.00	100.00	70.00	n	n	n	n
Machinists	m	h	.40	.37	-------	8	48	-------	-------
Machinist's apprentice	m	h	.12	.10	.10	8	48	-------	-------
Machinist's helpers	m	h	.17½	.16½	.14½	8	48	-------	-------
Painters	m	h	.22	-------	-------	8	48	-------	-------
Stationary engineer	m	m	55.00	50.00	-------	10	70	-------	-------
Stationary fireman	m	h	.15½	.15½	.15	10	70	-------	-------
Tinners	m	h	.25	-------	-------	8	48	-------	-------
Truck repairers	m	h	.23½	.21½	.16½	8	48	-------	-------
Street Railway and Light—									
Car man	m	h	.17½	.16	.15	11	70	16⅔%	-------
Engineer	m	m	70.00	65.00	60.00	10	70	16 2-3%	-------
Firemen	m	m	60.00	55.00	50.00	10	70	20%	-------
Lamp trimmer	m	m	50.00	47.00	45.00	10	60	11%	-------
Lineman	m	h	.28	-------	.28	9	54	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

BOONE COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs. per Day	Working Time: Hrs. per W'k	Change in Per Cent for Year Ending Dec. 31, 1907: Increase	Change in Per Cent for Year Ending Dec. 31, 1907: Decrease
Telephone—									
Clerks	f	m	25.00	-------	-------	9	54	n	n
Chief operator	f	m	30.00	-------	-------	9	54	n	n
Collectors	f	m	25.00	-------	-------	9	54	n	n
Ground man	m	d	2.00	-------	1.75	9	54	n	n
Lineman	m	d	2.50	-------	-------	9	54	n	n
Manager	m	m	75.00	-------	-------	9	54	n	n
Operators	f	m	25.00	-------	17.50	9	54	n	n
Wholesale and Retail Liquors and Bottling Works—									
Barkeepers	m	w	20.00	-------	12.50	8	48	n	n
Bookkeeper	m	w	12.00	-------	-------	10	60	n	n
Bottlers	m	w	9.00	-------	-------	10	60	20%	-------
Porters	m	w	12.00	-------	10.00	10	60	n	n
Secretary-Treasurer	m	w	91.66	-------	-------	n	n	n	n
Teamsters	m	w	15.00	-------	12.00	10	60	n	n
Traveling salesman	m	w	18.92	-------	-------	n	n	n	n
Washers	m	w	6.00	-------	-------	10	60	20%	-------

BREMER COUNTY.

Butter Tubs and Creamery Supplies Mfg—									
Common laborers	m	h	.15	-------	-------	10	60	n	n
Coopers	m	h	.20	-------	-------	10	60	n	n
Machine shop workmen	m	h	.17½	-------	-------	10	60	n	n
General Publishing, Job Printing and Book Binding—									
Binders	f	w	4.50	4.00	3.00	9	54	n	n
Printers	m	w	19.00	12.00	4.00	9	54	10%	-------
Malt Liquor Mfg.—									
Bottlers	m	d	2.00	1.50	1.00	10	60	25%	-------
Brewers	m	d	3.08	2.00	1.66	10	60	25%	-------
Telephone—									
Collector	f	m	25.00	-------	-------	9	54	n	n
Linemen	m	d	2.25	-------	2.00	9	54	n	n
Manager	m	m	70.00	-------	-------	9	54	n	n
Operators	f	m	20.00	-------	15.00	9	54	n	n

BUCHANAN COUNTY.

Telephone—									
Linemen	m	d	2.25	-------	1.75	9	54	n	n
Manager	m	m	65.00	-------	-------	9	54	n	n
Operators	f	m	25.00	-------	12.50	9	54	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

BUENA VISTA COUNTY.

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs. per Day	Working Time: Hrs. per W'k	Change in Per Cent for Year Ending Dec. 31, 1907: Increase	Change in Per Cent for Year Ending Dec. 31, 1907: Decrease
Butter Tubs, Barrels and Wood Tanks Mfg.—									
Common labor	m	d	2.00	1.75	1.50	10	60	15%	-------
Engineer	m	d	2.00	-------	2.00	10	60	n	n
Hoopers	m	d	n	2.50	n	10	60	n	n
Tank makers	m	d	2.00	-------	1.50	10	60	15%	-------

CALHOUN COUNTY.

Railroad Repair Shops—									
Blacksmith	m	h	.31½	-------	-------	9	63	-------	-------
Boilermaker	m	h	.25	-------	-------	9	63	-------	-------
Boiler washer	m	h	.15	-------	-------	9	54	-------	-------
Car foreman	m	h	.19½	-------	-------	9	63	-------	-------
Car men	m	h	.16½	-------	-------	9	54	-------	-------
Engine inspector	m	h	.20½	-------	-------	9	54	-------	-------
Foreman	m	m	85.00	-------	-------	10	70	-------	-------
Handy man	m	h	.19½	-------	-------	9	54	-------	-------
Laborers	m	h	.13½	-------	-------	9	54	-------	-------
Machinist	m	h	.37	-------	-------	9	63	-------	-------
Stationary engineer	m	h	.15	-------	-------	9	63	-------	-------
Sweeper	m	h	.13½	-------	-------	9	54	-------	-------
Wiper	m	h	.13½	-------	-------	9	54	-------	-------

CARROLL COUNTY.

Electric Light and Power Mfg.—									
Bookkeeper	f	m	50.00	-------	50.00	6	36	10%	-------
Chief engineer	m	m	75.00	-------	75.00	12	84	-------	8%
Coal hauler (t)	m	-------	.90	-------	-------	n	n	n	n
Collector	f	m	35.00	-------	35.00	6	30	-------	5%
Emergency man	m	m	70.00	-------	70.00	12	84	10%	-------
Fireman	m	m	50.00	-------	50.00	12	84	n	n
Inside wireman	m	m	25.00	-------	25.00	6	36	5%	-------
Manager	m	m	125.00	-------	125.00	6	36	n	n
Second engineer	m	m	60.00	-------	60.00	12	84	10%	-------
Railroad Repair Shops—									
Boilermakers	m	h	.37	-------	-------	10	70	-------	-------
Boilermaker helpers	m	h	.18	-------	-------	10	70	-------	-------
Boiler washers	m	h	.20	-------	.17½	10	70	-------	-------
Caller	m	h	.17½	-------	-------	10	70	-------	-------
Car men	m	h	.17½	-------	.17	10	70	-------	-------
Fire kindlers	m	h	.17½	-------	.16	10	70	-------	-------
Foremen	m	m	90.00	80.00	60.00	10	70	-------	-------
Laborers	m	h	.17½	-------	-------	10	70	-------	-------
Machinists	m	h	.37	-------	-------	10	70	-------	-------
Machinist's helpers	m	h	.17½	-------	-------	10	70	-------	-------

(t) Per ton; (n) not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

CARROLL COUNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Telephone—									
Foremen	m	m	60.00			9	54		
Linemen	m	d	2.65		2.00	9	54		
Manager	m	m	75.00			9	54		
Operators	f	m	25.00		18.00	9	54		
Teamsters	m	d	3.00			9	54		

CASS COUNTY.

Electric Light and Power Mfg.—									
Clerk	f	m	17.76			9	54		
Coal shovelers	m	m	20.00			5	30		
Engineers	m	m	80.00		65.00	12	84		
Firemen	m	m	50.00		20.00	10	70		
Linemen	m	m	50.00			10	60		
Manager	m	m	44.46			10	70		
Telephone—									
Linemen	m	m	45.00			9	54		
Manager	m	m	60.00			9	54		
Operators	f	m	20.00		15.00	9	54		

CERRO GORDO COUNTY.

Brick and Tile Mfg.—									
Burners	n	d	2.50		2.30	12	72	10%	
Common labor	m	d	1.70		1.75	10	60		25%
Setters	m	d	1.60	2.40	2.20	10	60	20%	
Gas and Electric Light Mfg.—									
Bookkeepers	m	m	00.00			9	54		
Cashier	m	m	75.00			9	54		
Coal shovelers	m	m	50.00			12	84		
Electricians	m	m	9.00		58.50	9	54		
Engineers	m	m	83.33		70.00	12	84		
Firemen	m	m	90.00			12	84		
Fireman helpers	m	m	50.00			12	84		
Gas foreman	m	d	2.50			10	60		
Gas helper	m	d	2.00			10	60		
Gas makers	m	m	60.00			10	70		
Gas makers' helper	m	m	45.00			10	70		
Laborers	m	d	2.00			10	60		
Linemen	m	d	2.50	2.25	2.00	10	60		
Main foremen	m	m	75.00		60.00	10	60		
Plant helpers	m	m	50.00			10	60		
Stenographer	m	m	40.00			10	60		
Store keeper	m	m	60.00			10	60		
Superintendent	m	m	80.00			10	60		

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

CERRO GORDO COUNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Da	Hrs. per W'k	Increase	Decrease
Pork Packing and Provisions—									
Boys over 16 years	m	w	3.00			10	60	n	n
Butchers	m	h	.23½	.20	.17½	10	60	n	n
Hog splitter	m	h	.25			10	60	n	n
Millwright	m	h	.27½	*.25		10	60	n	n
Packinghouse men	m	h	.30			10	60	n	n
Roustabout	m	h	.20		.15	10	60	n	n
Printing and Publishing—									
Collector	f	w	8.00			n	n	n	n
Pressfeeders	f	w	8.00		6.00	8	48	n	n
Pressmen	m	w	12.00			n	n	n	n
Printers	m	w	18.00	16.00	12.00	8	48	10%	
Reporters	m	w	15.00			n	n	n	n
Solicitors	m	w	12.00			n	n	n	n
Railroad Repair Shop—									
Blacksmiths	m	h	.36	.34	.30	10	65	n	n
Boilermakers	m	h	.37	.36	.34	10	65	n	n
Laborers	m	h	.17½		.15	n	n	n	n
Machinists	m	h	.37		.34	10	65	n	n
Wardrobes, Fixtures and Mill Work Mfg.—									
Cabinet men	m	h	.27½	.25	.20	n	n	n	n
Machine men	m	h	.31½	.25	.17½	n	n	n	n
Wholesale Fruit and Produce—									
Extra packers	m	w	16.00		11.00	10	60	n	n
Office clerk	f	m	70.00			10	60	n	n
Packers	m	m	60.00			10	60	3%	
Salesmen	m	m	200.00			n	n	3%	
Shipping clerk	m	m	56.33			10	60		
Wholesale Groceries—									
Bookkeeper	f	w	17.30			10	60		
Clerks	m	w	14.00		7.00	10	60		
Managers	m	m	200.00		150.00	10	60		
Salesmen	m	m	350.00		200.00	n	n	n	n
Stenographers	f	w	14.00		12.00	10	60		
Warehousemen	m	w	18.00	12.00	7.00	10	60		
Wholesale Oils—									
Bookkeeper	f	m	40.00			10	60		
Coopers	m	m	69.00			10	60		
Drayman	m	m	50.00			10	60		
Manager	m	m	100.00			10	60		
Salesmen	m	m	180.00			10	60		

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

CHEROKEE COUNTY.

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Electric Light and Power Mfg.—									
Clerk	f	m	30.00			8	48	n	n
Engineer	m	m	50.00			10	70	n	n
Fireman	m	m	45.00			10	70	n	n
Lineman	m	m	45.00			10	60	n	n
Manager	m	m	75.00			n	n	n	n
Printing and Publishing—									
Compositors	m	w	12.00	6.00		n	n	n	n
Job workers	m	w	12.00	6.00		n	n	n	n
Well Machinery Mfg.—									
Blacksmith	m	h	.30			10	60	n	n
Clerk	m	m	60.00			10	60	n	n
Machinist	m	h	.30			10	60	n	n
Manager	m	m	112.00			10	60	n	n

CLAYTON COUNTY.

Excelsior Mfg.—									
Assistant foreman	m	h	.20		.20	10	60		
Common labor	m	h	.15			10	60		
Engineer	m	h	.22½		.20	10	60		
Pressmen	m	h	.17½			10	60		
Grain cleaning—									
Engineer	m	m	65.00			10	60	10%	
Foreman	m	m	65.00			10	60	10%	
Laborers	m	m	50.00			10	60	10%	
Superintendent	m	m	100.00			10	60	10%	
Printing and Binding—									
Binding	m	w	4.00		4.00	n	n	n	n
Printers	f	w	10.50		10.50	n	n	n	n
Printers	m	w	21.50		21.50	n	n	n	n
Retail Lumber—									
Bookkeeper	m	m	65.00			10	60	n	n
Common labor	m	d	1.60			10	60	n	n
Mill foreman	m	d	2.50			10	60	n	n
Night watchman	m	d	1.25			10	60	n	n
Teamsters	m	d	1.75			10	60	n	n
Yard foreman	m	d	2.00			10	60	n	n
Saw Mill and Planing Mill—									
General labor	m	d	1.50		1.35	10	60	10%	

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

CLAY COUNTY.

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Electric Light and Power Mfg.—									
Clerk	f	m	45.00			10	60	n	n
Engineer	m	m	50.00		40.00	12	84	n	n
Manager	m	m	75.00			n	n	n	n
Superintendent	m	m	100.00			n	n	n	n

CLINTON COUNTY.

Box Shooks and Ladder Mfg.—									
Carpenters	m	h	.30			10	60	10%	
Cut-off sawyers	m	h	.17½	.17	.16½	10	60	10%	
Engineers	m	h	.24		.24	10	60	10%	
Factory laborers	m	h	.16½		.16	10	60	10%	
Millwright	m	h	.27		.27	10	60	10%	
Rippers	m	h	.18½		.18	10	60	10%	
Brick and Tile Mfg.—									
Burners	m	h	.15			10	60		
Engineer	m	n	n	n	n	10	60		
Laborers	m	h	.15			10	60		
Confectionery Mfg.—									
Candy makers	m	w	25.00		20.00	10	59	n	n
Candy maker helpers	m	w	9.00	6.00	4.50	10	59	n	n
Chocolate dippers	f	w	6.50	4.00	3.00	10	59	n	n
Packers	f	w	3.50		3.00	10	59	n	n
Cookers and Bakery Goods Mfg.—									
Bakers	m	d	3.33	2.00	.80	10	60	n	n
Handlers	m	d	2.25	1.50	1.25	10	60	n	n
Packers	f	d	1.25	.75	.50	10	60	n	n
Farm Supplies and Concrete Mfg.—									
Carpenters	m	d	2.55		2.50	10	59	n	n
Common laborers	m	d	1.80		1.80	10	59	n	n
Flour Mfg. and Feed Grinding—									
Common laborers	m	w	11.00		11.00	n	n	n	n
Engineer	m	w	11.50		11.50	n	n	n	n
Miller	m	w	15.00		15.00	n	n	n	n
Millers' helper	m	w	10.50		10.50	n	n	n	n
Teamsters	m	w	11.00		11.00	n	n	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

CLINTON COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wag			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Furniture and Mattress Mfg.—									
Fillers and stainers	m	h	.12	.11	.10	10	60		
Finishers (brush hands)	m	h	.25	.20	.17½	10	60		
Mattress makers	m	h	.18		.18	10	60		
Packers	m	h	.18		.18	10	60		
Springers	m	h	.11	.10	.08	10	60		
Upholsterers	m	h	.30		.20	10	60		
Kindlingwood Mfg.—									
Engineer	m	d	1.75			11	66	n	n
Kindlingwood packer(a)	f					10	60	n	n
Teamsters	m	d	1.75			10	60	n	n
Split machine tender	m	d	1.00		1.00	10	60	n	n
Wood sawyer	m	d	1.75			10	60	25%	
Laundry—									
Engineer	m	w	13.00		13.00	10	60	n	n
Ironer	f	w	7.00		7.00	10	60	n	n
Mangler	f	w	7.00		7.00	10	60	n	n
Office girl	f	w	8.00		8.00	10	60	n	n
Sorter	f	w	7.75		7.75	10	60	n	n
Wagon drivers	m	w	17.00	15.00	12.00	10	60	n	n
Washers	m	w	15.00		15.00	10	60	n	n
Locks and Builders Hardware Mfg.—									
Lock fitters	m	d	2.50	1.75	.75	10	60	n	n
Molders	m	d	4.00	3.25	2.50	10	60	n	n
Packers	f	d	1.25	.75	.60	10	60	n	n
Pattern makers	m	d	2.50			10	60	10%	
Polishers	m	d	3.00	2.50	2.00	10	60	n	n
Pressmen	m	d	2.00	1.65	1.00	10	60	n	n
Tool makers	m	d	3.25			10	60	n	n
Lumber, Shingles and Lath Mfg.—									
Millmen	m	d	2.00			10	60	10%	
Yard men	m	d	1.70			10	60	n	n
Malt Liquor Mfg.—									
Bottlers	m	w	20.00	12.00	6.00	10	60	n	n
Brewery workmen	m	w	18.00	14.00	13.50	10	60	2%	
Coopers	m	w	23.00		15.00	10	60	1½%	
Drivers	m	w	18.00	15.00	12.00	10	60	1½%	
Overalls Mfg.—									
Forelady	f	w	10.50	7.00	5.00	9	54	n	n
Machinist	m	w	10.50		10.50	10	60		

(a) Piece work, .20 cents per 100 bundles.
(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

CLINTON COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Railroad Repair Shops—									
Blacksmith	m	h	.37	.34	.30	8	48		
Blacksmith helpers	m	h	.26	.22	.19½	8	48		
Boilermakers	m	h	.37			8	48		
Boilermaker helpers	m	h	.25½	.20	.16	8	48		
Boilermaker apprentice	m	h	.15			8	48		
Boiler washers and helpers	m	h	.19	.18	.14	10	70		
Car men	m	h	.24	.19½	.15	8	48		
Carpenter	m	h	.26	.24	.20	8	48		
Drillers and Wheelmen	m	h	.23	.22½	.20	8	48		
Fire kindler	m	h	.20	.19	.17½	10	70		
Flue cleaners	m	h	.18½	.17½		10	70		
Janitor	f	m	25.00			2	10		
Laborers and sweepers	m	h	.17½	.16	.15	10	70		
Machinists	m	h	.37			8	48		
Machinists' helpers	m	h	.22	.18	.16½	8	48		
Machinists' apprentices	m	h	.20	.15	.10	8	48		
Master machinist and foreman	m	m	200.00	100.00	62.50	n	n	n	n
Oil and sand men	m	h	.18	.16½	.15	10	70		
Packers	m	h	.19½	.18½	.17½	10	70		
Painters and helpers	m	h	.24	.20½	.17½	8	48		
Pipefitters and helpers	m	h	.32	.25	.18	8	48		
Stationary firemen	m	h	.19½	.17	.14	10	70		
Storekeeper and clerks	m	m	200.00	100.00	62.00	n	n	n	n
Teamsters	m	m	64.00			10	60		
Telephone and call boy	m	h	.17	.15½	.16	10	70		
Tinners	m	h	.30	.27	.16½	8	48		
Truck repairers and helpers	m	h	.23	.18	.16½	10	70		
Turntable and pitmen	m	h	.20	.17½	.15½	10	70		
Wipers and cleaners	m	h	.15½			10	70		
Miscellaneous	m	h	.30½	.23	.18	10	70		
Marine Gasoline Engine Mfg.—									
Assemblers and benchmen	m	d	3.00	2.25	1.40	10	59	n	n
Blacksmith	m	d	2.50			10	60	n	n
Carpenters	m	d	3.00	2.75	2.50	10	60	n	n
Drill pressmen	m	d	2.00			10	60	n	n
Laborers	m	d	2.00	1.75	1.40	10	60	n	n
Machinists	m	d	3.00	2.75	2.75	10	60	n	n
Machinists' helpers	m	d	2.50	2.00	1.25	10	60	n	n
Retail Dry Goods—									
Clerks	f	w	12.00		3.50	n	n	n	n
Clerks	m	w	20.00		5.00	n	n	n	n
Saddles, Harness, Etc., Mfg.—									
Clerks	m	w	15.00	12.00	10.00	10	60		
Collar makers	m	w	20.00	15.00	10.00	10	60		
Harnessmakers	m	w	18.00	12.00	7.50	10	60		
Machine operators	m	w	18.00	12.00	7.00	10	60		
Machine operators	f	w	9.00		7.00	10	60		
Office help	m	w	20.00	15.00		10	60		
Office help	f	w	12.00		8.00	10	60		

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

CLINTON COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Sash and Door Mfg.—									
Benchmen	m	d	2.75	2.35	1.75	n	n	n	n
Foreman	m	m	100.00	83.00	75.00	n	n		
Helpers	m	d	1.25	1.00	.70	n	n	n	n
Laborers	m	d	1.75	1.50	1.50	n	n	n	n
Machinists	m	d	2.75	2.25	1.25	10	60		
Sash, Door, Blinds and Interior Furnishings Mfg.—									
Carpenters and bench hands	m	h	.35	.28	.20	10	60	10%	
Jointers	m	h	.28½	.17		10	60	10%	
Mortising machinemen	m	h	.21	.17½	.15	10	60	10%	
Moulding machine hands	m	h	.26	.20	.17½	10	60	10%	
Planer	m	h	.20	.17½		10	60	10%	
Sanding men	m	h	.26	.19	.16	10	60	10%	
Sawyer (band)	m	h	.27½	.22½		10	60	10%	
Sawyer (circular)	m	h	.25	.17½	.16	10	60	10%	
Shaper	m	h	.30	.20		10	60	10%	
Sticker machine men	m	h	.23½	.21	.16½	10	60	10%	
Tenoning machine men	m	h	.28	.23	.22	10	60	10%	
Turning lathe man	m	h	.30	.25		10	60	10%	
Spring Bed Mfg.—									
General help	m	d	2.00	1.00	.65	9½	57	n	n
Steel Bridge and Structural Iron Mfg.—									
Blacksmiths	m	d	3.00	2.50	2.25	10	60	12½%	
Bridge builders	m	d	3.00	2.25	2.00	10	60	12½%	
Engineers (civil)	m	m	150.00	75.00	40.00	9	54	n	n
Laborers	m	d	2.25	2.00	1.75	10	60	10%	
Machinists	m	d	3.00	2.50	2.00	10	60	8%	
Telephone—									
Cashier	m	m	50.00			9	54	n	n
Chief operator	f	m	40.00		35.00	9	54	n	n
Clerk	f	m	50.00			9	54	n	n
Climbers	m	d	2.50			9	54	n	n
Collectors	m	m	40.00			9	54	n	n
Foreman	m	d	2.75			9	54	n	n
Groundmen	m	d	1.75			9	54	n	n
Linemen	m	d	2.75		2.50	9	54	n	n
Manager	m	m	80.00			9	54	n	n
Operators	f	m	32.50		18.00	9	54	n	n
Solicitors	m	d	2.00			9	54	n	n
Wagon Mfg.—									
Blacksmiths	m	d	2.75		2.50	10	60		
Blacksmith helpers	m	d	1.75		1.75	10	60		
General labor	m	d	1.80		1.50	10	60		
Machine operators	m	d	2.75	2.25	1.75	10	59		
Machine helpers	m	d	1.50		1.25	10	59		
Painters	m	d	3.00		1.60	10	59		
Shippers	m	d	1.85		1.70	10	59		

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

CLINTON COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Wholesale Groceries—									
Assistant manager	m	m	110.00			n	n	n	n
Bookkeeper	m	m	83.00			n	n	n	n
Drayman	m	m	150.00			n	n	n	n
Manager	m	m	200.00			n	n	n	n
Salesmen	m	m	125.00		83.00	n	n	n	n
Sec'y and Treas.	m	m	150.00			n	n	n	n
Shippers	m	m	150.00			n	n	n	n
Wholesale and Retail Lumber—									
Common labor	m	h	.24	.17½	.16	10	60	5%	
Wholesale Meats and Provisions—									
Bookkeeper	m	w	19.00			10	55		
Manager	m	w	35.00			10	55		
Salesmen and collectors	m	w	12.00			10	55		
Shipping clerk	m	w	16.00			10	55		
Teamsters	m	w	12.00		11.00	10	55		
Wholesale Oils—									
Drivers	m	m	60.00		55.00	n	n	n	n
Foreman	m	m	75.00		75.00	n	n	n	n
Office clerk	f	m	45.00		45.00	n	n	n	n
Wrapping Paper and Woodenware Mfg.—									
Beater men	m	d	1.75			10	60	6½%	
Common labor	m	d	1.60			10	60	6½%	
Engineers	m	d	2.50			10	60	6½%	
Finishers	f	d	1.60		2.50	10	60	6½%	
Fireman	m	d	2.00		.93 1-3	10	60	6½%	
Fireman helpers	m	d	1.60			10	60	6½%	
Machine helpers	m	d	1.60			10	60	6½%	
Machine tender	m	d	2.60			10	60	6½%	

CRAWFORD COUNTY.

Telephone—									
Linemen	m	d	2.50		1.75	9	54	n	n
Manager	m	m	55.00			9	54	n	n
Operators	f	m	25.00		15.00	9	54	n	n

DALLAS COUNTY.

Brick and Tile Mfg.—									
Burners	m	d	2.00			12	72	10%	
Firemen	m	m	55.00		50.00	10	60	10%	
Foreman	m	m	70.00			n	n	n	n
Laborers	m	d	1.75		1.60	10	10	10%	
Setter	m	d	2.00			10	60	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

DALLAS COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs. per Day	Working Time: Hrs. per Wk	Change in Per Cent for Year Ending Dec. 31, 1907: Increase	Change in Per Cent for Year Ending Dec. 31, 1907: Decrease
Electric Light, Power and Flour Mfg.—									
Electrician	m	m	60.00			10	60		
Head miller	m	m	65.00			10	60		
Laborers	m	m	40.00			10	60		

DAVIS COUNTY.

Cigars Mfg.—									
Cigarmakers	m	w	20.00		9.00	10	60	n	n
Tobacco stripping	m	w	4.00		1.50	10	60	n	n
Newspaper Printing and Job Work—									
Advertising man	m	w	10.00		10.00	9	52	n	n
Editor	m	w	6.00		6.00	9	52	n	n
Foreman	m	w	12.00			9	52	n	n
Typesetter	f	w	4.00		3.00	9	52	n	n

DECATUR COUNTY.

Publishing Books and Papers—									
Binders	m	w	15.00		11.00	9	54		
Bookkeepers	f	w	12.00		6.00	9	54		
Compositors	m	w	15.00	12.00	8.00	9	54		
Editors	m	w	15.00	12.00	11.00	9	54		
Engineers	m	w	15.00		12.00	9	54		
Feeders	f	w	7.00	5.00	3.00	9	54		
Pressmen	m	w	15.00		8.00	9	54		

DES MOINES COUNTY.

Bakery—									
Bakers	m	w	20.00		10.00	10	60		
Drivers	m	w	13.00		10.00	10	60		
Order clerk	f	w	7.00	5.00	10.00	10	70	n	n
Shipping clerk	m	w	10.00		10.00	10	60		
Store clerk	f	w	4.50	3.50	3.00	10	60	n	n
Basket Mfg.—									
Basket makers	f	m	38.00	30.00	15.00	8	48	n	n
Basket makers	m	m	55.00	40.00	25.00	9	54	n	n
Bookkeeper	m	m	70.00			10	60	10%	
Clerk	m	h	.13½			10	60	1%	
Engineer	m	h	.22½			10	60	2½%	
Fireman	m	h	.16½			10	59	n	n
Foreman	m	h	.22½	.20	.17½	10	59	n	n
Stenographer	f	d	1.35			8	48	4%	
Superintendent	m	m	100.00			10	60	18%	

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

DES MOINES COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs per Day	Working Time: Hrs per Wk	Change in Per Cent for Year Ending Dec. 31, 1907: Increase	Change in Per Cent for Year Ending Dec. 31, 1907: Decrease
Brooms and Whisk Broom Mfg.—									
Broomcorn sorters	f	w	6.00		3.00	10	60		
Broomcorn sorters	m	w	10.00		3.00	10	60		
Broom sewers	m	h	.35		.15	10	60		
Broom tiers	m	h	.50		.30	10	60		
Cigar Mfg.—									
Cigarmakers (m)	m		17.00	13.00	10.00	8	48		
Cigar packing (m)	m		1.50	1.20	1.00	8	48		
Stripping (l)	f		.05	.02½	.01½	9	54		
Flour Mfg. and Plaining Mill—									
Elevator man	m	d	2.75		1.75	10	60	n	n
Flour miller	m	d	2.50		1.50	10	60	n	n
Laborers	m	d	2.00	1.75	1.00	10	60	n	n
Sash and door men	m	d	3.00	2.50	.75	10	60	n	n
Teamsters	m	w	11.50			10	60	n	n
Foundry, Machine and Boiler Shop—									
Boilermakers	m	d	3.50	3.00	2.50	10	59	5%	
Machinists	m	d	3.50	3.00	2.50	10	59	5%	
Moulders	m	d	3.25	3.00	2.50	10	60	8%	
Furniture Mfg.—									
Cabinetmakers	m	h	.23 1-3	.19	.15	10	60	n	n
Car unloaders	m	h	.20	.17½	.15	10	60	n	n
Finishers	m	h	.20	.18 1-3	.16	10	60	n	n
Foreman	m	m	83.33	70.00	60.00	10	60	n	n
Office clerk	m	m	100.00	40.00	25.00	10	60	n	n
Shippers	m	h	.20	.17½	.15	10	60	n	n
Stenographer	f	h	.16 2-3	.15	.12½	9	54	n	n
Teamsters	m	h	.18¾	.17½	.16½	10	60	n	n
Furniture Mfg.—									
Cabinetmakers	m	d	2.75	2.25	1.25	10	60	n	n
Finishers	m	d	2.50	1.80	1.10	10	60	n	n
Fitters	m	d	2.35	1.75	1.25	10	60	n	n
Machine workers	m	d	3.00	1.90	1.25	10	60	n	n
Packers	m	d	1.90	1.75	.90	10	60	n	n
Veneerers	m	d	2.25	1.85	1.70	10	60	n	n
Yard men	m	d	2.00	1.75	1.65	10	60	n	n
Gas Manufacturing—									
Fireman	m	m	55.00		50.00	12	84	n	n
Fitters	m	m	65.74		50.00	10	60	n	n
Foreman	m	m	75.00		65.00	10	60	n	n
Gas maker	m	m	60.00		55.00	12	84	n	n
Laborers	m	d	1.75		1.00	10	60	n	n

(l) Per pound.
(m) Per one thousand.
(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

DES MOINES COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs. per Day	Working Time: Hrs. per W'k	Change in Per Cent for Year Ending Dec. 31, 1907: Increase	Change in Per Cent for Year Ending Dec. 31, 1907: Decrease
Monuments and Building Work in Cut Stone Mfg.—									
Cutters	m	h	.50	.40	.37½	8	48		
Helpers	m	h	.25			8	48		
Setter	m	h	.35			8	48		
Newspaper Publishers—									
Advertising man	m	w	19.00			8	48		
Advertising solicitor	m	w	22.00			8	48		
Bookkeeper	m	w	18.00			8	48		
Business manager	m	w	28.00			8	48		
Clerks	f	w	8.50	8.00	7.00	7½	45		
Editor-in-chief	m	m	300.00			12	72		
Editors	m	w	19.00	15.00	5.00	8	48		
Foreman	m	w	20.00			8	48		
Janitor	m	w	7.00			8	48		
Linotype operators	m	w	19.00		16.00	8	48		
Machinist	m	w	16.50			8	48		
Machinist helper	m	w	7.00			8	48		
Machinist apprentice	m	w	8.00			8	48		
Mailing clerk	m	w	15.00			8	48		
Make-up man	m	w	19.00			8	48		
Managing editor	m	w	25.00			10	60		
Messenger boy	m	w	4.00			8	48		
Pressmen	m	w	21.00			8	48	5%	
Pressmen (assistants)	m	w	9.00		6.00	8	48	11%	
Superintendent carriers	m	w	15.00			8	48		
Traveling agent	m	w	15.00			8	48		
Office Desk Mfg.—									
Finishers	m	h	.20½	.18½	.16½	10	60	12½%	
Machine hands	m	h	.20½	.22½	.17½	10	60	12½%	
Packers	m	h	.19½	.18½	.16	10	60	12½%	
Piece workers	m	h	.50	.30	.20	10	60	12½%	
Polishers	m	h	.21½	.18½	.16	10	60	12½%	
Overalls, Shirts and Workingmen's Garments Mfg.—									
Assistant cutters	m	w	13.00		6.00	10	59	8%	
Designer and cutters	m	w	16.50			10	59	10%	
Finishing hands	f	w	6.00		3.50	10	59		
Forewoman	f	w	9.00		7.50	10	59	20%	
Sewing mach. operators	f	w	9.00		4.00	9	53		
Printers and Blank Book Mfg.—									
Apprentices	m	w	6.00		3.00	9	54	n	n
Compositors	m	w	20.00		15.00	8	48	20%	
Feeders	m	w	6.00		3.00	9	54	n	n
Finishers	m	w	21.00		13.00	9	54	n	n
Forwarders	m	w	15.00		5.00	9	54	n	n
Pressmen	m	w	16.00		15.00	9	54	n	n
Rulers	m	w	18.00	15.00	9.00	9	54	n	n
Sewers and folders	f	w	7.00	5.00	4.00	9	54	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

DES MOINES COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs. per Day	Working Time: Hrs. per W'k	Change in Per Cent for Year Ending Dec. 31, 1907: Increase	Change in Per Cent for Year Ending Dec. 31, 1907: Decrease
Railroad Repair Shop—									
Blacksmiths	m	d	4.00	3.35	2.75	10	60	9.6%	
Blacksmith helper	m	d	2.45	2.10	1.85	10	60	9.7%	
Boilermakers	m	d	3.50	2.75	2.00	10	60	9.9%	
Boilermaker helpers	m	d	2.10	2.00	1.75	10	60	9%	
Boilermaker apprentice	m	d	1.90	1.50	1.00	10	60	21%	
Freight car carpenters	m	d	2.75	2.40	2.00	10	60	12%	
Freight car trucksmiths	m	d	2.00	1.75	1.60	10	60	17½%	
Janitor	f	d	.50			10	60		
Laborers	m	d	1.70	1.25	.85	10	60	10½%	
Machinists	m	d	3.70	2.75	2.00	10	60	12%	
Machinist helper	m	d	2.20	1.90	1.60	10	60	11%	
Machinist apprentice	m	d	2.00	1.50	1.00	10	60	20%	
Painters	m	d	2.75	2.35	1.90	10	60	15%	
Patternmakers	m	d	3.00	2.75	2.20	10	60	12.6%	
Patternmakers appr.	m	d	1.00			10	60	n	n
Stationary engineer	m	d	2.50		2.15	10	60	16.3%	
Stationary fireman	m	d	1.90		1.80	10	60	8%	
Tinsmiths	m	d	3.50	3.40	2.50	10	60	4½%	
Upholsterers	m	d	2.65		2.50	10	60	6%	
Wood machinist	m	d	2.45	2.35	2.00	10	60	14%	
Wood machinist helper	m	d	2.00	1.50	1.10	10	60	20%	
Watchman	m	d	1.75		1.60	10	60	9½%	
Retail Dry Goods—									
Collector	m	w	12.00			n	n	n	n
Manager	m	w	25.00			9½	57	n	n
Saleslades	f	w	5.00		3.00	9½	57	n	n
Salesmen	m	w	7.00			9½	57	n	n
Retail Dry Goods—									
Delivery boys	m	w	3.50		3.50	n	n	n	n
Elevator boy	m	w	4.50		4.50	n	n	n	n
Janitor	m	w	11.00		11.00	n	n	n	n
Managers	m	w	50.00		50.00	n	n	n	n
Office help	m	w	19.50		7.00	n	n	n	n
Office help	f	w	12.00		12.00	n	n	n	n
Salesmen	m	w	28.00		7.00	n	n	n	n
Saleswomen	f	w	10.50		5.00	n	n	n	n
Sewing girls	f	w	8.50		5.00	n	n	n	n
Wrappers	m	w	11.00		7.00	n	n	n	n
Soap Manufacturing—									
Common labor	m	w	18.00	11.00	9.00	9	54		
Common labor	f	w	9.00	5.00	3.00	9	54		
Office employes	m	m	130.00	53.00	25.00	9	54		
Office employes	f	m	40.00	29.25	15.00	9	54		
Salesmen	m	m	125.00	75.00	50.00	9	54		
Superintendents	m	m	100.00	75.00	60.00	9	54		
Soap Manufacturing—									
Boxmakers	m	d	1.00			9	54	n	n
Engineer	m	d	2.00			9	54	n	n
Night watchman	m	d	1.50			14	98	n	n
Shipping clerk	m	d	2.00			9	54	n	n
Soap cutters	m	d	2.00			9	54	n	n
Soapmaker	m	d	2.35			9	54	n	n
Soap presser	m	d	1.75			9	54	n	n
Soap wrapper	f	d	.75			9	54	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

DES MOINES COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs. per Day	Working Time: Hrs. per W'k	Change in Per Cent for Year Ending Dec. 31, 1907: Increase	Change in Per Cent for Year Ending Dec. 31, 1907: Decrease
Telephone—									
Cablemen	m	d	3.25	-------	-------	9	54	8 1-3%	-------
Cashier	f	m	50.00	-------	-------	9	54	n	n
Clerks	f	m	30.00	-------	-------	9	54	n	n
Collectors	m	m	45.00	-------	30.00	9	54	n	n
Foremen	m	m	100.00	-------	70.00	9	54	n	n
Groundmen	m	d	2.00	-------	-------	9	54	n	n
Installers	m	d	2.50	-------	2.00	9	54	n	n
Lineman	m	m	60.00	-------	55.00	9	54	n	n
Lineman's helper	m	d	2.75	-------	2.00	9	54	n	n
Manager	m	m	100.00	-------	-------	9	54	n	n
Solicitors	m	d	2.00	-------	-------	9	54	n	n
Wagon Manufacturing—									
Bench workers	m	d	2.50	2.00	1.75	9	54	n	n
Blacksmiths	m	d	2.50	2.00	1.60	9	54	n	n
Helpers	m	d	1.60	1.50	.50	9	54	n	n
Machine hands	m	d	2.00	1.00	1.50	9	54	n	n
Painters	m	d	2.50	1.75	1.50	9	54	n	n
Stenographer	f	d	1.15	-------	-------	9	54	n	n
Teamsters	m	d	1.60	-------	-------	9	54	n	n
Watchman	m	d	1.40	-------	-------	10	70	n	n
Wholesale Butter and Eggs—									
Buttermakers	m	w	16.00	15.00	11.00	10	60	n	n
Egg candlers	m	w	11.00	10.00	9.00	10	60	n	n
Egg candlers	f	w	9.00	-------	-------	10	60	n	n
Wholesale Druggist—									
Office clerks	m	w	20.00	12.00	4.00	10	60	n	n
Order clerks	m	w	15.00	10.00	3.50	10	60	n	n
Packers	m	w	12.00	-------	-------	10	60	n	n
Shipping clerks	m	w	12.00	-------	10.00	10	60	n	n
Stenographers	f	w	11.00	-------	9.00	9	54	n	n
Traveling salesmen	m	m	150.00	100.00	60.00	10	60	n	n
Wholesale Grocery—									
Clerks	m	m	75.00	50.00	30.00	9½	57	-------	-------
Clerks	f	m	45.00	35.00	20.00	9	54	-------	-------
Coffee packers	f	w	5.00	4.00	4.00	9½	57	10%	-------
Common labor	m	m	60.00	40.00	40.00	9½	57	-------	-------
Traveling men	m	m	150.00	75.00	40.00	n	n	-------	-------
Wholesale Hardware—									
Bookkeeper	f	m	75.00	-------	-------	10	60	-------	-------
Clerks	m	m	90.00	-------	15.00	10	60	-------	-------
Foreman	m	m	55.00	-------	-------	10	60	-------	-------
Porters	m	d	1.90	1.75	1.65	10	60	10%	-------
Wholesale Oils—									
Drivers	m	m	57.00	45.00	40.00	n	n	n	n
Office	f	m	40.00	-------	-------	n	n	n	n
Traveling salesmen	m	m	100.00	-------	100.00	n	n	n	n
Warehousemen	m	m	60.00	-------	60.00	n	n	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

DICKINSON COUNTY.

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs. per Day	Working Time: Hrs. per W'k	Change in Per Cent for Year Ending Dec. 31, 1907: Increase	Change in Per Cent for Year Ending Dec. 31, 1907: Decrease
Hotel—									
Clerks	m	m	50.00	-------	25.00	14	98	n	n
Cooks	m	m	60.00	-------	25.00	14	98	n	n
Dining room girls	f	m	25.00	-------	18.00	14	98	n	n
Laborers	m	m	30.00	-------	-------	14	98	n	n
Launderers	f	m	18.00	-------	-------	14	98	n	n

DUBUQUE COUNTY.

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs. per Day	Working Time: Hrs. per W'k	Change in Per Cent for Year Ending Dec. 31, 1907: Increase	Change in Per Cent for Year Ending Dec. 31, 1907: Decrease
Bakery and Ice Cream Mfg.—									
Baker	m	w	20.00	17.00	14.00	10	60	n	n
Ice cream maker	m	w	12.00	-------	-------	n	n	n	n
Bakery and Mfg.—									
Bakers	m	w	20.00	14.00	6.00	10	60	n	n
Clerks	f	w	12.00	-------	-------	10	60	n	n
Drivers	m	w	20.00	-------	-------	10	60	n	n
Manager	m	w	20.00	-------	-------	10	60	n	n
Boat and Boiler Mfg.—									
Boilermakers	m	h	.37½	.30	.27½	10	60	n	n
Carpenters	m	h	.40	.30	.30	10	60	n	n
Common labor	m	h	.17½	.16	.16	10	60	n	n
Fitters	m	h	.27½	.25	.22½	10	60	n	n
Heaters	m	h	.16	.15	.12½	10	60	n	n
Holders on	m	h	.18¾	-------	.17½	10	60	n	n
Machine operators	m	h	.25	-------	.22½	10	60	n	n
Riveting machine men	m	h	.22½	-------	.20	10	60	n	n
Books, Sta. and Music—									
Bookkeeper	m	w	15.00	10.00	6.00	8	48	n	n
Bookkeepers	f	w	6.00	-------	-------	8	48	n	n
Packers	m	w	10.00	-------	8.00	8	48	n	n
Salesmen	m	w	22.00	-------	8.00	9	54	n	n
Salesladies	m	w	12.00	-------	8.00	9	54	n	n
Stenographers	f	w	12.00	-------	6.00	n	n	n	n
Box and Crate Mfg.—									
Bundle men	m	d	1.75	-------	-------	10	60	n	n
Filers	m	d	3.30	-------	-------	10	60	n	n
Laborers	m	d	1.75	-------	1.50	10	60	n	n
Nailers	m	d	2.00	-------	-------	10	60	n	n
Resawers	m	d	2.50	-------	2.00	10	60	n	n
Sawyers	m	d	1.75	-------	1.40	10	60	n	n
Casket Hardware—									
Buffing	m	w	12.00	-------	5.00	9	54	n	n
Casting men	m	h	.20	-------	-------	9	54	n	n
Plating men	m	h	.22	-------	-------	9	54	n	n
Shipping clerk	m	h	.17	-------	-------	9	54	n	n
Trimming men	m	h	.07	-------	-------	9	54	n	n
Wrappers	f	h	.07	-------	-------	9	54	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

DUBUQUE COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs. per Day	Working Time: Hrs. per W'k	Change in Per Cent for Year Ending Dec. 31, 1907: Increase	Change in Per Cent for Year Ending Dec. 31, 1907: Decrease
Church Furniture Mfg.—									
Carpenters	m	d	3.00	2.75	2.25	n	n	n	n
Carvers	m	d	3.50	2.90	2.50	n	n	n	n
Machine men	m	d	3.00	2.50	1.85	n	n	n	n
Painters	m	d	3.25	2.30	2.15	n	n	n	n
Plaster moulders	m	d	1.85	1.50	1.25	n	n	n	n
Cigar Manufacturing—									
Bunch makers (c)	f		.30		.22½	n	n	n	n
Packers	f	w	3.50		9.00	n	n	n	n
Rollers (c)	f		.55		.35	n	n	n	n
Strippers	f	w	3.00		2.00	n	n	n	n
Foundry and Machine Shop—									
Common laborers	m	d	2.50	1.50	1.00	10	60		20%
Machinists	m	d	3.25	2.25	1.75	10	60		20%
Molders	m	d	3.50	3.00	2.25	10	60		20%
Patternmakers	m	d	2.50	2.00	1.50	10	60		20%
Furniture Mfg.—									
Cabinetmakers	m	w	15.00			10	60	10%	
Engineer	m	w	13.00			10	60	10%	
Finishing painters	m	w	12.00			10	60	10%	
Helpers	m	w	9.00			10	60	10%	
Planer and jointers	m	w	13.00			10	60	10%	
Sawyers	m	w	13.00			10	60	10%	
Teamsters	m	w	11.00			10	60	10%	
Woodturners	m	w	12.00			10	60	10%	
Job Printing—									
Binders	f	w	7.50		4.00	8	48	13 1-3%	
Errand boy	m	w	3.50			8	48	n	n
Job printers	m	w	19.00		7.00	8	48	13 1-3%	
Pressmen	m	w	17.00			8	48	13 1-3%	
Pressfeeders	m	w	7.50	5.00	4.50	8	48	13 1-3%	
Laundry—									
Assorter	f	w	7.00		5.00	9	54	15%	
Bookkeeper	m	w	12.00		6.00	9	54	n	n
Body ironer	f	w	7.00		4.00	9	54	20%	
Bosom ironer	f	w	7.50		6.00	9	54	n	n
Drivers	m	w	16.00		12.00	11	66	n	n
Engineer	m	w	8.00		8.00	9	54	n	n
Neckband ironer	f	w	6.00		4.00	9	54	30%	
Shirt finisher	m	w	8.50		7.00	9	54	20%	
Shirtwaist ironer	f	w	9.50		7.00	9	54	n	n
Washerman	m	w	13.00		13.00	9	54	10%	
Lime and Crushed Stone Manufacturing—									
Coopers (b)	m		5½			10	60	n	n
Laborers	m	h	.17½			10	60	n	n
Lime burners	m	h	.20			12	84	n	n
Quarrymen	m	h	.20			10	60	n	n
Teamsters	m	h	.20			10	60	n	n

(c) Per one hundred. (b) Per barrel.
(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

DUBUQUE COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs. per Day	Working Time: Hrs. per W'k	Change in Per Cent for Year Ending Dec. 31, 1907: Increase	Change in Per Cent for Year Ending Dec. 31, 1907: Decrease
Machine Shop—									
Blacksmith	m	w	15.00			10	60		
Bookkeeper	f	m	30.00			5	30		
Machinists	m	w	18.00	10.50	7.50	10	60		
Malt Liquor Mfg.—									
Bottlers	m	d	2.25	1.75	1.75	9	54	n	n
Bottlers	f	d	1.45	1.00	.60	9	54	n	n
Brewhouse	m	w	15.00	15.00	15.00	9	54		10%
Coopers	m	w	15.00		15.00	9	54	n	n
Drivers, city	m	w	14.00		14.00	9	54	n	n
Drivers, country	m	w	15.00		15.00	9	54	n	n
Engineers	m	w	20.00		20.00	12	84	n	n
Firemen	m	w	17.00		17.00	12	84	n	n
Washhouse	m	w	14.00		14.00	9	54	n	n
Yardmen	m	w	14.00		14.00	9	54	n	n
Malt Liquor Mfg.—									
Bottling department	m	w	12.50	8.00	6.00	9	54	8%	
Brewery workers	m	w	14.50		10.00	9	54	8%	
Carpenters	m	h	.20			9	54	n	n
Engineers	m	m	50.00			12	84	8%	
Office help	m	m	80.00	50.00	45.00	n	n	n	n
Teamsters, city	m	w	14.00		14.00	9	54	8%	
Teamsters, country	m	d	2.50		2.50	n	n	8%	
Mattress and Spring Bed Manufacturing—									
Common labor	m	w	10.50		4.50	n	n	n	n
Mattress makers	m	w	15.00		4.50	n	n	n	n
Stitchers	f	w	10.00		3.00	n	n	n	n
Newspaper Publishing—									
Advertising department	m	w	18.00			8	48	11%	
Comp. dept., evening paper	m	w	19.00		9.00	8	48	n	n
Comp. dept., morning paper	m	w	21.00		2.00	8	48	n	n
Editorial	m	w	25.00	16.00	12.00	8	48	n	n
Job comp. dept.	m	w	18.00	9.00	5.00	8	48	n	n
Mailing department	m	w	15.00		5.00	8	48	n	n
Office help	m	w	17.50	15.00	13.00	8	48	n	n
Office help	f	w	7.00		5.00	8½	51	n	n
Pressroom	m	w	20.00	9.00	5.00	8	48	n	n
Pork Packing—									
Engineer	m	h	.25			10	60		
Meat cutter, expert	m	h	.25			10	60		
Meat cutters, medium	m	h	.22½			10	60		
Meat trimmers	m	h	.20			10	60		
Printing and Binding—									
Binder	m	w	18.00		18.00	8	48	n	n
Binder apprentice	m	w	4.00	3.50	3.00	8	48	33 1-3%	
Bindery girls	f	w	7.00		6.00	8	48	n	n
Compositor	m	w	17.00	16.50	16.00	8	48	6 2-3%	
Compositor apprentice	m	w	10.00	9.50	9.00	8	48	11%	
Pressmen	m	w	12.00	10.50	9.00	8	48	33 1-3%	
Pressfeeders	m	w	6.50	6.00	3.00	8	48	18%	

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

DUBUQUE COUNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Pumps and Brass Goods Manufacturing—									
Blacksmith	m	w	17.00			10	60	n	n
Brass finishers	m	w	20.00			n	n	n	n
Brass moulders	m	w	20.00	14.00	10.00	n	n	n	n
Brass polishers	m	w	15.00			n	n	n	n
Brass polishers' helper	m	w	14.00	9.50	4.50	n	n	10%	
Brass shop machine hands	m	w	15.00	13.00	5.00	n	n	6⅔%	
Coremakers	m	w	15.00	9.00	4.00	n	n	14%	
Coremakers	f	w	8.50	7.50	5.50	n	n	n	n
Iron moulders	m	w	18.00	15.00	11.00	n	n	4.8%	
Iron shop machine hands	m	w	16.00	13.00	6.00	n	n	9.4%	
Laborers	m	w	17.00	10.00	8.40	n	n	0%	
Machinists	m	w	19.00		19.00	n	n	8.3%	
Nickel platers	m	w	10.00			n	n	10%	
Patternmakers	m	w	19.00	18.00	17.00	n	n	n	n
Shippers	m	w	17.00	10.00		n	n	8.4%	
Railroad Repair Shop—									
Blacksmiths	m	h	.33	.31	.24½	10	60	n	n
Blacksmiths' helper	m	h	.22	.20½	.15	10	60	n	n
Boilermaker	m	h	.43	.40	.35	10	60	n	n
Boilermakers' helper	m	h	.23	.19	.14	10	60	n	n
Carpenters	m	h	.27	.25½	.20	10	60	n	n
Carsmiths	m	h	.20	.18	.17½	10	60	n	n
Clerks	m	m	90.00	55.00	50.00	10	60	n	n
Coppersmiths	m	h	.23½			10	60	n	n
Foreman	m	m	140.00	105.00	60.00	10	60	n	n
Laborers	m	h	.16	.14½	.13½	10	60	n	n
Machinists	m	h	.39	.37	.28	10	60	n	n
Machinists' helper	m	h	.25½	.18	.11½	10	60	n	n
Machinists' apprentice	m	h	.20		.10	10	60	n	n
Machine hand	m	h	.25	.21	.19	10	60	n	n
Machine hand helper	m	h	.20	.18	.17	10	60	n	n
Painters	m	h	.30½	.23½	.19	10	60	n	n
Painters' helper	m	h	.18½	.17	.16	10	60	n	n
Steamfitters	m	h	.31		.23	10	60	n	n
Steamfitters' helpers	m	h	.22	.18½	.17	10	60	n	n
Stationary engineer	m	h	.21½		.19	10	60	n	n
Stationary fireman	m	h	.17			10	60	n	n
Stenographer	m	m	50.00			10	60	n	n
Tinsmith	m	h	.29½		.24½	10	60	n	n
Railroad Roundhouse—									
Blacksmiths	m	h	.28½			10	70	n	n
Blacksmiths' helper	m	h	.17½			10	70	n	n
Boilermakers	m	h	.38			10	70		
Boilermakers' helper	m	h	.20	.17½	.16½	10	70	n	n
Boiler washer	m	h	.20			10	70	n	n
Carpenter	m	h	.23½			10	70	n	n
Laborers	m	h	.16	.15	.13½	10	70	n	n
Machinist	m	h	.38	.37	.34	10	70	n	n
Machinists' helper	m	h	.20	.17½	.16½	10	70	n	n
Pipefitter	m	h	.30			10	70	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

DUBUQUE COUNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Sash, Doors, Blinds and Interior Finish Mfg.—									
Blind department	m	h	.20	.15	.08½	10	60	9%	
Cabinet men	m	h	.37½	.27½	.20	10	60	9%	
Column department	m	h	.30	.17½	.08½	10	60	9%	
Cutting department	m	h	.30	.22½	.17	10	60	9%	
Door department	m	h	.35	.20	.11	10	60	9%	
Finishing department	m	h	.25	.20	.08	10	60	9%	
Frame department	m	h	.37½	.23½	.20	10	60	9%	
Glazing department	m	h	.25	.19	.13½	10	60	9%	
Lumber yard men	m	h	.22½	.17	.17	10	60	9%	
Moulding department	m	h	.32½	.23½	.08½	10	60	9%	
Sash department	m	h	.28½	.21	.06	10	60	9%	
Stair department	m	h	.42½	.27½	.10	10	60	9%	
Shirt Manufacturing—									
Forewoman	f	w	10.50	5.75	3.00	10	55		
Machinist	m	w	10.50		10.50	10	55		
Presser	m	w	9.00		9.00	10	55		
Stitchers	m	w	9.00		5.00	9	54		
Soap Manufacturing—									
Engineer	m	w	15.00			11	66	11%	
Foreman	m	w	12.00			10	60	20%	
Laborers	m	d	1.75		1.60	10	60	10%	
Teamsters	m	w	12.00			10	61	9%	
Wrappers	f	d	.75	.70	.60	9	54	n	n
Steam Boiler and Tank Manufacturing—									
Boilermakers	m	h	.32	.30	.27½	10	60	n	n
Boilermakers' helper	m	h	.22½	.20	.15	10	60	n	n
Street Railway, Light and Power Mfg.—									
Bookkeepers	f	m	100.00			9	54	n	n
Carpenters	m	h	.30			10	60	n	n
Clerks	m	m	70.00		37.50	9	54		10%
Conductors	m	h	.20		.15	11	77	n	n
Electrical workers	m	h	.30	.25	.15	10	60		10%
Engineers	m	m	137.50		75.00	10	60	n	n
Foreman	m	m	100.00	87.50	55.00	10	60	n	n
Machinist	m	h	.25			10	60	n	n
Manager	m	m	250.00			10	60	n	n
Motormen	m	h	.20		.15	11	66	n	n
Oilers and cleaners	m	m	65.00		52.50	10	60	n	n
Painters	m	m	70.00		50.00	10	60	n	n
Solicitors	m	m	91.00		75.00	8	48	n	n
Stenographers	f	m	67.50		30.00	9	54	n	n
Superintendents	m	m	137.50			18	98	n	n
Trackmen	m	h	.17½			10	60	n	n
Trimmers	m	m	60.00			10	60	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

DUBUQUE COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Telephone—									
Cashier	m	m	60.00	-------	-------	9	54	n	n
Chief operators	f	m	42.50	-------	35.00	9	54	n	n
Collectors	m	m	40.00	-------	-------	9	54	n	n
Foreman	m	m	75.00	-------	-------	9	54	n	n
Groundmen	m	d	2.00	-------	-------	9	54	n	n
Janitor	m	m	40.00	-------	-------	9	54	n	n
Linemen	m	d	2.75	-------	2.00	9	54	n	n
Manager	m	m	100.00	-------	83.33	9	54	n	n
Operators	f	m	32.50	-------	24.00	9	54	n	n
Wholesale Coffee, Tea and Baking Powder—									
Common labor	m	w	15.00	11.00	6.00	10	50	10½%	-------
Common labor	f	w	7.50	4.50	4.00	9	54	10%	-------
Teamsters	m	w	11.50	-------	11.50	10	60	15%	-------
Wholesale Dry Goods and Overall Mfg.—									
Bill clerk	m	w	26.00	-------	-------	10	55	n	n
Bookkeepers	m	w	19.00	15.00	13.00	10	55	27%	-------
Buyers	m	m	75.00	-------	-------	10	55	n	n
Calling clerk	m	w	18.00	-------	-------	10	55	9%	-------
Credit men	m	w	167.00	-------	-------	n	n	n	n
Cutters	m	w	14.00	12.00	6.00	10	55	6%	-------
Forewoman	f	w	11.00	-------	-------	10	60	10%	-------
Glove trimmers	m	w	4.33	2.85	1.40	10	60	n	n
Machinists	m	w	13.00	-------	-------	10	60	8 1-3%	-------
Office assistant	m	m	83.00	-------	-------	10	55	n	n
Order clerk	m	w	15.00	10.00	5.00	10	55	n	n
Packers and porters	m	w	11.00	-------	-------	10	55	10%	-------
Pressers	m	w	12.00	11.00	6.00	10	60	8 1-3%	-------
Receiving clerk	m	w	15.00	-------	-------	10	55	20%	-------
Sample clerk	m	m	83.00	-------	-------	10	55	n	n
Sew'g machine operator	f	w	13.50	10.50	2.00	10	55	8%	-------
Stenographer	m	w	12.00	-------	-------	10	55	9%	-------
Superintendents	m	m	239.00	-------	-------	10	60	n	n
Traveling salesmen	m	m	400.00	150.00	75.00	n	n	n	n
Trimmers	f	w	6.96	3.00	1.50	10	60	n	n
Watchman	m	w	12.00	-------	-------	12	84	n	n
Wholesale Grocers—									
Bookkeeper	f	w	14.00	-------	-------	9	54	n	n
Cashier	m	w	20.00	-------	-------	10	60	n	n
City buyer	m	w	10.00	-------	-------	10	60	n	n
Labeling room	f	w	5.00	-------	4.00	10	60	n	n
Manager	m	m	250.00	-------	-------	10	60	n	n
Office clerks	m	w	18.00	13.00	9.00	10	60	n	n
Order clerk	m	w	14.00	-------	-------	10	60	n	n
Porters	m	w	13.50	-------	8.00	10	60	n	n
Receiving clerk	m	w	16.00	-------	-------	10	60	n	n
Shipping clerk	m	w	25.00	-------	-------	10	60	n	n
Stenographers	f	w	14.00	-------	9.00	9	54	n	n
Traveling men	m	w	25.50	23.80	15.00	n	n	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

DUBUQUE COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Wholesale Liquors—									
Bookkeeper	m	m	76.00	-------	-------	n	n	n	n
Manager	m	m	300.00	-------	-------	n	n	n	n
Porters	m	m	60.00	-------	32.50	n	n	n	n
Secretary	m	m	125.00	-------	-------	n	n	n	n
Traveling men	m	m	200.00	-------	100.00	n	n	n	n
Wholesale Lumber—									
Common labor	m	h	.20	.17½	.16 2-3	10	60	10%	-------
Foremen	m	m	60.00	-------	-------	10	60	20%	-------
Lumber sorters	m	h	.22½	-------	.20	10	60	12½%	-------
Machinists	m	m	75.00	-------	60.00	10	60	12½%	-------
Stenographer	f	m	60.00	-------	-------	8	48	n	n
Teamsters	m	h	.21	-------	-------	10	60	10%	-------
Wholesale Oils—									
Coopers	m	m	50.00	-------	50.00	n	n	n	n
Drivers	m	m	60.00	-------	60.00	n	n	n	n
Foreman	m	m	60.00	-------	60.00	n	n	n	n
Office clerks	m	m	125.00	60.00	30.00	n	n	n	n
Office clerks	f	m	50.00	-------	50.00	n	n	n	n
Traveling salesmen	m	m	105.00	95.00	90.00	n	n	n	n
Warehousemen	m	m	60.00	60.00	50.00	n	n	n	n
Wood Steamer Mfg.—									
Agent	m	m	100.00	-------	-------	n	n	-------	-------
Blacksmith	m	d	3.00	-------	-------	10	60	-------	-------
Blacksmith helper	m	d	2.00	-------	1.75	10	60	-------	-------
Bookkeeper	f	m	30.00	-------	-------	n	n	-------	-------
Carpenter	m	d	3.00	2.50	2.00	10	60	-------	-------
Common labor	m	d	2.00	1.75	1.50	10	60	-------	-------
Foreman	m	m	83.33	-------	-------	n	n	-------	-------
Watchman	m	m	60.00	50.00	42.00	n	n	-------	-------
Work Clothing Mfg.—									
Cutters	m	w	20.00	11.00	6.00	10	60	15%	-------
Engineer	m	w	15.00	-------	15.00	12	68	-------	-------
Machinist	m	w	13.50	-------	13.00	10	55	-------	-------
Machine operators	m	w	13.50	6.00	4.00	10	55	-------	-------
Markers	m	w	18.00	6.00	3.00	10	55	-------	-------
Presser	m	w	10.00	-------	10.00	10	55	-------	-------

FAYETTE COUNTY.

Cigar Manufacturing—									
Apprentice	m	w	5.00	-------	-------	10	59	n	n
Cigarmakers	m	d	2.00	-------	-------	10	59	15%	-------
Tobacco strippers	m	w	5.00	-------	-------	10	59	n	n
Railroad Maintenance of Way—									
Common laborers	m	h	.22½	.16½	.15	10	60	16 2-3%	-------
Div. engineer	m	m	100.00	-------	100.00	10	70	n	n
Flagman	m	m	35.00	-------	30.00	10	70	16 2-3%	-------
Foremen	m	m	75.00	60.00	55.00	10	70	-------	12½%

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

FAYETTE COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Railroad Repair Shops—									
Assistant foreman	*m*	*m*	115.00	-------	115.00	12	84	*n*	*n*
Blacksmiths	*m*	*h*	.45	-------	.34½	10	70	30%	-------
Blacksmith helper	*m*	*h*	.35	-------	.21	10	70	19%	-------
Boilermakers	*m*	*h*	.50	.38	.27	10	70	30%	-------
Boilermakers' helper	*m*	*h*	.25	.20	.16½	10	70	25%	-------
Boiler washer	*m*	*h*	.30	-------	.20	10	70	50%	-------
Boiler washer helper	*m*	*h*	.25	.18	.17½	10	70	39%	3%
Callers	*m*	*m*	45.00	35.00	25.00	12	84	29%	-------
Carpenters	*m*	*h*	.30	-------	.27	10	70	11%	-------
Clerks	*m*	*m*	60.00	-------	60.00	12	84	*n*	*n*
Foremen	*m*	*m*	150.00	-------	135.00	12	84	11%	-------
Handy men	*m*	*h*	.30	.24	.20	10	70	11%	-------
Hostlers	*m*	*m*	65.00	60.00	55.00	12	84	-------	-------
Laborers	*m*	*h*	.25	.17½	.12½	12	84	-------	-------
Machinists	*m*	*h*	.50	.37	.35	10	70	20%	-------
Machinists' helper	*m*	*h*	.25	.18	.16½	10	70	8%	-------
Machinist apprentice	*m*	*h*	.20	.14	.10	10	70	-------	-------
Night foreman	*m*	*m*	115.00	-------	115.00	12	84	-------	-------
Pipe fitter	*m*	*h*	.45	-------	.31½	10	70	42%	-------
Blacksmiths	*m*	*h*	.45	.35	.22½	10	60	*n*	*n*
Boilermakers	*m*	*h*	.45	.38	.35	10	60	*n*	*n*
Carpenters	*m*	*h*	.32½	.25	.20	10	60	*n*	*n*
Clerks	*m*	*m*	85.00	60.00	50.00	8	48	*n*	*n*
Foremen	*m*	*m*	150.00	100.00	80.00	10	60	*n*	*n*
Helpers	*m*	*h*	.24½	.20	.18	10	60	*n*	*n*
Laborers	*m*	*h*	.17½	.15	.12½	10	60	*n*	*n*
Machinists	*m*	*h*	.45	.37	.30	10	60	*n*	*n*
Millmen	*m*	*h*	.32	.29½	.16½	10	60	*n*	*n*
Painters	*m*	*h*	.34½	.27½	.22½	10	60	*n*	*n*
Pipefitters	*m*	*h*	.35	.30	.22	10	60	*n*	*n*
Tinsmiths	*m*	*h*	.30	.27½	.25	10	60	*n*	*n*
Upholsterers	*m*	*h*	.32½	.27½	.25	10	60	*n*	*n*
Upholsterers	*f*	*h*	.22	-------	.22	10	60	*n*	*n*
Watchman	*m*	*m*	45.00	-------	45.00	12	84	*n*	*n*
Railroad Yard—									
Agents	*m*	*m*	157.00	141.00	97.00	10	70	*n*	*n*
Callers	*m*	*m*	45.00	35.00	25.00	12	84	*n*	*n*
Engineer, yard	*m*	*h*	.37½	-------	.27½	11	77	*n*	*n*
Engine foreman, yard	*m*	*h*	.37	-------	.35	11	77	*n*	*n*
Fireman, yard	*m*	*h*	.32½	-------	.22½	11	77	*n*	*n*
Foreman frt. house	*m*	*m*	60.00	-------	55.00	10	70	*n*	*n*
Foreman ice house	*m*	*m*	75.00	-------	75.00	10	70	*n*	*n*
Signalmen	*m*	*m*	50.00	-------	45.00	12	84	*n*	*n*
Superintendent	*m*	*m*	180.00	-------	180.00	10	70	*n*	*n*
Switchmen	*m*	*h*	.34	-------	.32	11	77	*n*	*n*
Telephone—									
Linemen	*m*	*d*	2.00	-------	-------	9	54	*n*	*n*
Manager	*m*	*m*	75.00	-------	-------	9	54	*n*	*n*
Operators	*f*	*m*	23.00	-------	12.00	9	54	*n*	*n*

(*n*) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

FLOYD COUNTY.

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Disk Harrow Mfg.—									
Blacksmith	*m*	*d*	2.00	-------	-------	10	60	*n*	*n*
Common labor	*m*	*d*	1.75	-------	1.50	10	60	*n*	*n*
Molder	*m*	*d*	1.75	-------	-------	10	60	*n*	*n*
Shipping clerk	*m*	*d*	1.75	-------	-------	10	60	*n*	*n*
Wood worker	*m*	*d*	2.00	-------	-------	10	60	*n*	*n*
Electric Light and Power—									
Electrician	*m*	*m*	75.00	-------	-------	10	60	36.6%	-------
Engineer	*m*	*m*	65.00	-------	-------	12	84	20%	-------
Fireman	*m*	*m*	45.00	-------	-------	11	77	11%	-------
Railroad Station Dept.—									
Agent	*m*	*m*	70.00	-------	-------	12	84	-------	-------
Day operator	*m*	*m*	57.50	-------	-------	12	84	-------	-------
Helper	*m*	*m*	40.00	-------	-------	12	84	-------	-------
Night operator	*m*	*m*	55.00	-------	-------	12	84	-------	-------

FRANKLIN COUNTY.

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Concrete Block Mfg.—									
Carpenters	*m*	*h*	.35	.30	.25	10	60	20%	-------
Common labor	*m*	*d*	2.25	-------	1.75	10	60	20%	-------
Masons	*m*	*h*	.40	-------	.35	10	60	*n*	*n*
Teamsters	*m*	*m*	50.00	40.00	35.00	10	60	12%	-------
Telephone—									
Linemen	*m*	*d*	2.00	-------	1.75	9	54	*n*	*n*
Manager	*m*	*m*	60.00	-------	-------	9	54	*n*	*n*
Operators	*f*	*m*	25.00	-------	20.00	9	54	*n*	*n*

GREENE COUNTY.

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Milling of Wheat Flour and Corn Meal—									
Engineer	*m*	*m*	50.00	-------	-------	11	66	*n*	*n*
Helper	*m*	*m*	45.00	-------	-------	10	60	*n*	*n*
Manager	*m*	*m*	75.00	-------	-------	10	60	*n*	*n*
Miller	*m*	*m*	60.00	-------	-------	10	60	*n*	*n*
Teamster	*m*	*m*	50.00	-------	-------	10	60	*n*	*n*
Poultry, Butter and Eggs—									
Candlers	*m*	*h*	.16½	-------	.15	10	60	*n*	*n*
Clerk	*m*	*w*	12.00	-------	-------	10	60	*n*	*n*
Foreman	*m*	*h*	.20	-------	-------	10	60	*n*	*n*
Manager	*m*	*w*	20.00	-------	-------	10	60	*n*	*n*
Miscellaneous help	*m*	*h*	.20	.16½	.15	10	60	*n*	*n*
Packer	*m*	*h*	.20	-------	.16 2-3	10	60	*n*	*n*
Picker	*m*	*h*	.16 2-3	-------	-------	10	60	*n*	*n*
Recording clerk	*m*	*h*	.20	-------	-------	10	60	*n*	*n*
Teamster	*m*	*w*	15.00	-------	-------	10	60	*n*	*n*

(*n*) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

GREENE COUNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Wire and Iron Goods Mfg.—									
Foundry men	m	d	3.00	2.50	2.00	10	60	n	n
Finishing room	m	d	2.50	1.50	1.50	10	60	n	n
Machine shop	m	d	3.50	3.00	3.00	10	60	n	n
Wire making dept.	m	d	1.50	1.50	1.50	10	60	n	n
HAMILTON COUNTY.									
Brick Mfg.—									
Burner	m	d	1.75	-------	-------	12	72	-------	-------
Engineer	m	d	1.75	-------	-------	10	60	n	n
Laborers	m	d	1.50	-------	-------	10	60	n	n
Electric Light and Power—									
Clerk	m	m	85.00	-------	-------	9	54	-------	-------
Engineers	m	m	60.00	-------	50.00	12	72	-------	-------
Firemen	m	m	45.00	-------	-------	12	72	-------	-------
Linemen	m	m	55.00	-------	45.00	10	60	-------	-------
Superintendents	m	m	115.00	-------	85.00	n	n	n	n
Steel Mats and Curry Comb Mfg.—									
Common labor	m	d	1.50	-------	1.00	10	60	-------	-------
Machinists	m	d	3.50	-------	-------	10	60	-------	-------
Weavers	f	d	1.50	-------	.50	10	60	n	n
Thresher Screens Mfg.—									
Machine department	m	h	.27½	.23	.17½	10	60	n	n
Metal workers	m	h	.20	.17	.13	10	60	n	n
Pressers workers	m	h	.20	.17	.14	10	60	n	n
Wood working dept.	m	h	.25	.20	.15	10	60	n	n
HARDIN COUNTY.									
Railroad—									
Carpenters	m	h	.25	-------	-------	10	60	n	n
Locomotive engineers	m	h	.34	-------	-------	10	60	n	n
Locomotive firemen	m	h	.20	-------	-------	10	60	n	n
Section foremen	m	m	50.00	-------	-------	10	60	n	n
Section laborers	m	h	.15	-------	-------	10	60	n	n
Shopmen	m	h	.33	-------	.30	10	60	n	n
Telephone—									
Chief operator	f	m	30.00	-------	-------	9	54	20%	-------
Linemen	m	d	2.50	-------	2.00	9	54	n	n
Manager	m	m	65.00	-------	-------	9	54	n	n
Operators	f	m	25.00	-------	20.00	9	54	10%	-------

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

HARRISON COUNTY.

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Railroad Repair Shops—									
Blacksmiths	m	h	.37	-------	-------	8	48	-------	-------
Blacksmiths' helpers	m	h	.19	-------	-------	8	48	-------	-------
Blacksmith apprentice	m	h	.23	-------	-------	8	48	-------	-------
Boilermakers	m	h	.37	-------	-------	8	48	-------	-------
Boilermakers' helper	m	h	.18½	-------	-------	8	48	-------	-------
Boilermks.' apprentice	m	h	.15	-------	-------	8	48	-------	-------
Boiler washers	m	h	.17½	-------	-------	8	48	-------	-------
Boiler washers' helper	m	h	.15	-------	-------	8	48	-------	-------
Car carpenters	m	h	.26	-------	-------	10	60	-------	-------
Car repairers' helpers	m	h	.17½	-------	-------	10	60	-------	-------
Clerks	m	m	83.33	60.00	45.00	10	70	-------	-------
Clinkerers	m	h	.15	-------	-------	8	48	-------	-------
Fire-up man	m	h	.16	-------	-------	8	48	-------	-------
Foremen	m	m	130.00	100.00	70.00	10	70	-------	-------
Laborers	m	h	.17½	-------	-------	10	60	-------	-------
Machinists	m	h	.37	-------	-------	8	48	-------	-------
Machinists' helpers	m	h	.17½	-------	-------	8	48	-------	-------
Machinist apprentice	m	h	.12	-------	-------	8	48	-------	-------
Master mechanic	m	m	225.00	-------	-------	10	70	-------	-------
Painters	m	h	.30	-------	-------	8	48	-------	-------
Painters' helpers	m	h	.16½	-------	-------	8	48	-------	-------
Tinners	m	h	.35	-------	-------	8	48	-------	-------
Tinners' helpers	m	h	.16½	-------	-------	8	48	-------	-------
Wheelmen	m	h	.18½	-------	-------	10	60	-------	-------
HENRY COUNTY.									
Electric Light and Water Works—									
Bookkeeper	f	m	25.00	-------	-------	9	54	-------	-------
Electrician	m	m	40.00	-------	-------	10	60	-------	-------
Electricians' helper	m	m	35.00	-------	-------	10	60	-------	-------
Engineers	m	m	50.00	-------	-------	12	84	-------	-------
Superintendent	m	m	75.00	-------	-------	10	60	n	n
HOWARD COUNTY.									
Telephone Condensers—									
Assembling	m	h	.15	-------	.15	10	60	-------	-------
Rolling condensers	f	h	.13½	.12½	.12½	10	60	-------	-------
Soldering	m	h	.20	-------	.20	10	60	-------	-------
JACKSON COUNTY.									
Brewers of Beer and Manufacturers of Soda Water—									
Bookkeeper	m	w	15.00	-------	-------	10	60	n	n
Bottlers	m	w	12.00	-------	-------	10	60	n	n
Bottle washers	m	w	8.00	-------	-------	10	60	n	n
Brewery workers	m	w	12.00	-------	-------	9	54	n	n
Drivers	m	w	12.00	-------	-------	10	60	n	n
Engineers	m	w	12.00	-------	-------	10	60	n	n
Laborers	m	w	9.00	-------	-------	10	60	n	n
Manager	m	w	26.00	-------	-------	10	60	n	n
Superintendent	m	w	25.00	-------	-------	10	60	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

JACKSON COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Lime Mfg.—									
Common labor	m	d	1.50			10	60	n	n
Floor men	m	d	1.80			10	60	n	n
Lime burners	m	d	1.70			10	60	7%	
Quarrymen	m	d	1.60			10	60	n	n
Teamsters	m	d	1.60			10	60	n	n
Lumber Mfg.—									
Carters	m	d	1.75			10	60		
Common labor	m	d	1.50			10	60		
Edgerman	m	d	2.75			10	60		
Engineer	m	d	5.00			10	60		
Filer	m	d	7.00			10	60		
Fireman	m	d	2.00			10	60		
Lath mill foreman	m	d	2.25			10	60		
Off-bearer	m	d	2.25			10	60		
Oiler	m	d	2.50			10	60		
Planing mill engineer	m	d	2.00			10	60		
Planing mill feeder	m	d	1.65			10	60		
Planing mill foreman	m	m	60.00			10	60		
Sawyer	m	d	8.40			10	60		
Setters	m	d	3.00			10	60		
Teamsters	m	m	40.00			10	60		

JASPER COUNTY.

Excavating Machinery Mfg.—									
Blacksmith shop	m	h	.25		.22½	10	59		
Erecting room	m	h	.25			10	59		
Foundry	m	h	.30		.25	10	59		
Machine shop	m	h	.30		.17½	10	59		
Flour Mfg.—									
Engineer	m	w	12.00			10	60	10%	
Helper	m	w	9.00			10	60	10%	
Miller	m	w	20.00			10	60	10%	
Laundry—									
Common help	f	w	5.00		4.50	10	60	10%	
Fireman	m	w	8.00			10	60	10%	
Shirt ironer	m	w	9.00			10	60	10%	
Washer	m	w	13.00			10	60	25%	
Potato Digger Mfg.—									
Foreman	m	w	13.50			9	54		
Helpers	m	w	10.00		7.50	9	54		
Machine men	m	w	10.80		9.00	9	54		
Molders	m	w	19.50	15.00	12.00	9	54		

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

JEFFERSON COUNTY.

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
City Gas and Electric Light Plant—									
Electrician	m	m	50.00			10	60		
Engineers	m	m	45.00			10	60		
Gas makers	m	m	45.00			10	60		
Superintendent	m	m	62.50			10	60	4 1-6%	
Malleable Iron Castings Mfg.—									
Annealing	m	d	1.75		1.75	10	60		
Coremakers	m	d	2.50	1.75	1.25	10	60		30%
Millmen	m	d	1.75		1.75	10	60		
Moulders	m	d	4.00	2.50	1.50	10	60		
Office help	m	m	100.00	75.00	50.00	10	60		
Office help	f	w	10.50		10.50	8	48		
Shipping department	m	d	1.50	1.35	1.25	10	60		
Rug Mfg.—									
Cutters	m	w	10.00		9.00	10	60		
Weavers	m	w	7.00		6.00	10	60		

JOHNSON COUNTY.

Beer, Pop and Carbonated Drinks Mfg.—									
Foreman brewery	m	m	110.00			10	60	n	n
Foreman pop house	m	w	60.00			10	60	n	n
Other help	m	w	12.00			10	60	n	n
Brick Mfg.—									
Moulder	m	d	2.50			9	54	n	n
Yard hands	m	d	2.00			10	60	n	n
Cigar Mfg.—									
Cigarmakers	m	w	15.00			8	48		
Strippers	f	w	4.00			8	48		
Extract and Spice Mfg.—									
Bookkeeper	m	m	40.00			n	n	5%	
Bottle washers	m	m	30.00			n	n	n	n
Correspondent	m	m	65.00			n	n	n	n
Forelady	f	m	32.00			n	n	n	n
Packer	m	m	35.00			n	n	n	n
Stenographers	f	m	35.40			n	n	n	n
Farm Machinery Mfg.—									
Blacksmiths	m	w	16.50		9.00	8	48	n	n
Carpenters	m	w	18.00		10.25	8	48	7%	
Engineers	m	w	13.50			8	48	n	n
Helpers	m	w	11.00		9.75	8	48	n	n
Machinists	m	w	18.00	16.50	12.00	8	48	n	n
Moulders	m	w	16.50			8	48	n	n
Night watchman	m	w	12.00		10.00	8	48		20%
Office men	m	m	150.00	87.00	38.00	8	48	6%	
Traveling salesmen	m	m	100.00	77.14	50.00	8	48	n	n

(n) Not reported

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

JOHNSON COUNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Grubbing Machine Mfg.—									
Blacksmiths	m	d	2.50	2.00	1.50	10	60	n	n
Blacksmith helpers	m	d	2.00	1.75	1.25	10	60	n	n
Electricians	m	d	2.00	1.75	1.50	10	60	n	n
Engineers	m	d	1.75	-------	-------	12	78	n	n
Machinists	m	d	2.75	2.00	1.75	10	60	n	n
Moulders	m	d	2.75	2.50	1.75	10	60	n	n
Jewelry Mfg.—									
Electro plating	m	h	.12	-------	.12	9	54	n	n
Enameling	f	h	.20	.12	.08	9	54	n	n
Packing	f	h	.10	-------	.10	9	54	n	n
Soldering	f	h	.12	.10	.08	9	54	n	n
Jewelry and Show Cace Mfg.—									
Finishers	m	h	.25	.20	.15	9	54	-------	-------
Jewelers	m	h	.45	.20	.10	9	54	-------	-------
Jewelers	f	h	.15	.10	.06	9	54	-------	-------
Wood workers	m	h	.25	.20	.15	9	54	-------	-------
Perfume and Toilet Articles Mfg.—									
Forewomen	f	w	9.50	-------	-------	9	54	n	n
General helper	m	w	11.00	-------	7.50	10	60	n	n
Packer	m	w	9.00	-------	-------	10	60	n	n
Shipping clerk	m	w	13.00	-------	-------	10	60	n	n
Printing and Publishing—									
Clerks	m	w	4.00	-------	-------	4	24	n	n
Linotype operators	m	w	14.00	-------	8.75	8	48	n	n
Linotype operators	f	w	10.00	-------	-------	8	48	n	n
Pressfeeders	m	w	10.00	-------	6.00	9	54	n	n
Printers	m	w	18.00	16.00	6.00	9	54	n	n
Telephone Exchange—									
Chief operators	f	m	27.50	-------	-------	9	54	n	n
Clerk	f	m	25.00	-------	-------	9	54	n	n
Collector	m	m	25.00	-------	-------	9	54	n	n
Groundman	m	d	2.00	-------	-------	9	54	n	n
Linemen	m	d	2.50	-------	2.25	9	54	n	n
Manager	m	m	70.00	-------	-------	9	54	n	n
Operators	f	m	25.00	-------	20.00	9	54	n	n
Solicitor	m	d	2.00	-------	-------	9	54	n	n

JONES COUNTY.

Feather and Wool Duster Mfg.—									
Assembling	m	w	6.00	4.50	3.00	10	60	n	n
Assorting feathers	f	w	6.00	4.50	3.00	10	60	n	n
Finishing	m	w	9.00	-------	-------	10	60	n	n
Splitting	f	w	6.00	4.50	3.00	10	60	n	n
Turning	m	w	12.00	10.00	8.00	10	60	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

JONES COUNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Printing and Lithographing—									
Bindery men	m	w	20.00	15.00	8.00	8	48	n	n
Bindery girls	f	w	6.00	-------	4.50	8	48	n	n
Compositors	m	w	18.00	16.00	15.00	8	48	n	n
Lithographers	m	w	23.00	-------	-------	8	48	n	n
Pressmen	m	w	16.00	11.00	5.00	8	48	n	n
Stenographers	f	w	12.00	8.00	5.00	8	48	n	n
Quarrying Stone—									
Engineers	m	d	2.50	-------	-------	10	60	-------	-------
Foreman	m	d	2.50	-------	-------	10	60	-------	-------
Laborers	m	d	2.00	-------	2.00	10	60	-------	-------

KEOKUK COUNTY.

Brick and Tile Mfg.—									
Burners	m	d	2.25	-------	-------	12	84	-------	-------
Common labor	m	d	1.50	.75	.50	10	60	n	n
Engineer	m	d	2.00	-------	-------	10	60	-------	-------
Kiln men	m	d	3.00	-------	1.65	10	60	n	n
Pit men	m	d	1.75	-------	1.65	10	60	n	n

LEE COUNTY.

Black Blasting Powder Mfg.—									
Laborers	m	d	1.65	-------	1.65	10	60	n	n
Powder men	m	d	3.00	2.50	2.11½	10	60	n	n
Steam engineers	m	d	2.50	-------	2.50	10	60	n	n
Brewing and Bottling Beer—									
Bottling house	m	w	11.00	-------	11.00	10	60	n	n
Cellar men	m	w	12.00	-------	12.00	10	60	n	n
Drivers	m	w	15.00	-------	12.00	10	60	n	n
Engineers	m	w	15.00	-------	15.00	10	60	n	n
Kettle men	m	w	13.00	-------	13.00	10	60	n	n
Electric Light, Power and St. Ry.—									
Assistant engineer	m	m	70.00	-------	70.00	12	84	16 2-3%	-------
Barn foreman	m	m	75.00	-------	-------	10	60	15%	-------
Barn helpers	m	h	.17½	-------	.17½	10	60	16 2-3%	-------
Chief engineer	m	m	85.00	-------	85.00	12	84	13%	-------
Firemen	m	m	65.00	-------	65.00	12	84	30%	-------
Firemen helpers	m	m	60.00	-------	60.00	12	84	20%	-------
Motormen and cond.	m	h	.18	.14	.12½	11	77	5%	-------
Night watchman	m	h	.15	-------	.15	10	60	n	n
Oilers	m	m	45.00	-------	45.00	12	84	n	n
Track foreman	m	h	.20	-------	.20	10	60	n	n
Track helpers	m	h	.17½	-------	.17½	10	60	10%	-------

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

LEE COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Foundry—									
Coremakers	m	h	.25	.17½	.15	10	60	n	n
Engineer	m	h	.22½		.22½	10	60	12½%	
Helpers	m	h	.17½		.16½	10	60	6%	
Machinists	m	h	.27½		.27½	10	60	n	n
Machinist apprentice	m	h	.09 1-8	.27½	.09 1-8	10	60	n	n
Moulders	m	h	.32½		.20	10	60	n	n
Patternmaker	m	h	.17½		.17½	10	60	n	n
Foundry and Machine Shop—									
Machinists	m	h	.30	.20	.15	9½	57	n	n
Moulders	m	h	.30	.25	.22½	9½	57	n	n
Patternmaking	m	h	.32½		.32½	9½	57	n	n
Gas Mfg.—									
Gasfitter	m	m	85.00		85.00	10	60		
Gasfitters' helper	m	m	25.00		25.00	10	60		
Gas foreman	m	m	85.00		85.00	12	72		
Helper	m	m	60.00		60.00	12	72	20%	
Stoppers	m	m	60.00		60.00	12	72		
Gas. Mfg.—									
Fireman	m	m	45.00		45.00	10	70		
Gasfitters	m	m	65.00		65.00	10	60	7.7%	
Gasfitter, assistant	m	d	2.50		2.50	10	60	10%	
Gasfitters' helper	m	d	1.75		1.75	10	60	16 2-3%	
Gas maker	m	m	65.00		60.00	10	70	4%	
Laborers	m	d	1.75		1.75	10	60		
Office clerk	f	w	10.00		10.00	8	48	25%	
Hotel—									
Bell boys	m	m	10.00		10.00	n	n		
Cashier	f	m	20.00		20.00	n	n		
Chambermaids	f	m	16.00		16.00	n	n		
Chef	m	m	85.00		85.00	n	n		
Clerks	m	m	60.00		50.00	n	n		
Dish boy	m	m	20.00		20.00	n	n		
Dishwashers	f	m	15.00		15.00	n	n		
Elevator boys	m	m	15.00		15.00	n	n		
Engineers	m	m	60.00		60.00	n	n		
Firemen	m	m	25.00		25.00	n	n		
Head waiter	m	m	30.00		30.00	n	n		
Housekeeper	f	m	25.00		25.00	n	n		
Manager	m	m	125.00		125.00	n	n		
Panwasher	m	m	20.00		20.00	n	n		
Pastry cook	f	m	20.00		20.00	n	n		
Porter	m	m	20.00		20.00	n	n		
Second cook	m	m	45.00		45.00	n	n		
Waitresses	f	m	20.00		20.00	n	n		
Yardman	m	m	20.00		20.00	n	n		

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

LEE COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Hotel—									
Clerks	m	m	50.00		23.20	12	84		
Cook	f	m	30.00		30.00	8	56		
Fireman	m	w	5.00		5.00	12	84		
Head waitress	f	w	4.50		4.50	8	56		
Housekeeper	f	m	50.00		50.00	8	56		
Kitchen help	f	w	2.00		1.50	8	56		
Porter	m	w	3.00		3.00	12	84		
Stenographer	f	m	20.00		20.00	7	49		
Waitresses	f	w	3.50		3.00	8	56		
Laundry—									
Fireman	m	h	.15		.15	10	60		
Ironer	m	h	.20		.20	10	60		
Ironers	f	h	.08	.07	.06	10	60		
Starchers	f	h	.08	.07	.06	10	60		
Leggins, Overalls and Jackets Mfg.—									
Cutters	m	w	10.00		10.00	9	54		
Forelady	f	w	10.00		10.00	9	54		
Inspectors	f	w	6.00		6.00	9	54		
Machine operators	f	w	10.50	6.00	2.50	9	54		
Shipping clerk	m	w	9.00		9.00	9	54		
Lumber Mfg.—									
Bolter	m	d	2.00		2.00	10	60	n	n
Edgerman	m	d	2.25		2.25	10	60	n	n
Edger taller	m	d	1.75		1.75	10	60	n	n
Engineer	m	d	2.75			10	60	n	n
Filer	m	d	6.00			10	60	n	n
Filers' helper	m	d	2.50			10	60	n	n
Fireman	m	d	2.00			10	60	n	n
Laborers	m	d	1.65		1.60	10	60		
Lath sorter	m	d	1.60			10	60		
Leverman, "dogger"	m	d	1.85			10	60		
Lumber sorter	m	d	1.92			10	60		
Machinist	m	d	2.75			10	60		
Off-bearer	m	d	1.90			10	60		
Sawyer	m	d	6.00			10	60	n	n
Setter	m	d	2.50			10	60	n	n
Teamsters	m	d	1.81			10	60		
Trimmer	m	d	1.75			10	60	n	n
Tripper	m	d	1.75			10	60	n	n
Utility men	m	d	1.75	1.72	1.60	10	60	n	n
Metal Goods Mfg.—									
Coremaker	m	h	.15			10	60	n	n
Laborers	m	h	.15			10	60	n	n
Machinists	m	h	.30	.25	.20	10	60	n	n
Machinists' helper	m	h	.15		.10	10	60	n	n
Moulders	m	h	.35	.27½	.16½	10	60	n	n
Plater	m	h	.30		.17½	10	60	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

LEE COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Mill Fixtures—									
Boxmakers	m	h	.20	.15	.06 1-3	10	60	16⅔	
Carpenters	m	h	.30	.27½	.25	10	60	10⅓	
Finisher	m	h	.30			10	60	n	n
Glazier	m	h	.22½			10	60	n	n
Glazier helper	m	h	.10			10	60	n	n
Laborers	m	h	.15½			10	60	10⅓	
Machinists	m	h	.25			10	60	11⅓	
Machine men	m	h	.30	.27½	.20	10	60	n	n
Machine men helpers	m	h	.14	.08 1-3	.06⅔	10	60	17⅓	
Sawyers	m	h	.30		.20	10	60	9⅓	
Sawyers' helpers	m	h	.10			10	60	n	n
Teamsters	m	h	.16½			10	60	10⅓	
Paper Mfg.—									
Beater engineers	m	d	2.00		2.00	12	72		
Beater engineer helpers	m	d	1.75		1.75	12	72		
Bleachers	m	d	2.00		2.00	10	60		
Bleachers' helper	m	d	1.75		1.75	10	60		
Cutter girls	m	d	1.00		1.00	10	60		
Finishers	m	d	2.00		2.00	10	60		
Finishers' helper	m	d	1.75		1.75	10	60		
Fireman	m	d	2.00		2.00	12	84		
Millwright	m	d	2.00		2.00	10	70		
Papermakers	m	d	3.00		3.00	12	72		
Papermaker helpers	m	d	1.75	1.50	1.25	12	72		
Steam engineer	m	d	2.00		2.00	12	84		
Teamsters	m	d	1.75		1.75	10	60		
Yardmen	m	d	1.50		1.50	10	60		
Pickle and Vinegar Mfg.—									
Bookkeepers	f	m	60.00			9	54	n	n
Foreman	m	w	20.00			10	60	n	n
Packers	f	w	6.00			10	60	n	n
Porters	m	w	15.00	10.50	9.00	10	60	n	n
Stenographers	f	w	6.00		4.50	9	54	n	n
Plumbing Brass Goods Mfg.—									
Coremakers	f	h	.13 1-3	.08 1-3	.05	n	n		
Foundry	m	h	.22½	.17½	.15	n	n	12⅓	
Machine room	m	h	.32½	.15	.06 2-3	n	n	8⅓	
Polishing	m	h	.30	.16 2-3	.13 1-3	n	n	12⅓	
Pork Packing—									
Butchers	m	h	.27½		.20	9	54	10⅓	
Carpenters	m	h	.25		.20	10	60	10⅓	
Cellar men	m	h	.22½	.20	.12½	10	60	10⅓	
Common laborers	m	h	.20	.15	.12½	10	60	10⅓	
Coopers	m	h	.27½		.27½	10	60		
Engineer	m	w	25.00		25.00	10	60		
Engineer, assistant	m	w	15.00		15.00	10	60		
Engineers' helper	m	w	10.00		10.00	10	60		
Foreman, curing dept.	m	m	125.00		125.00	10	60		
Foreman, killing dept.	m	w	30.00		30.00	10	60		
Manager	m	m	125.00		125.00	10	60		

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

LEE COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Railroad Repair Shop—									
Apprentices	m	d	2.10		1.00	10	60		
Blacksmiths	m	d	3.75		2.85	9½	57		
Blacksmith helpers	m	d	2.10		1.60	9½	57		
Boilermakers	m	d	3.60		2.50	9½	57		
Boilermaker helpers	m	d	2.40		1.60	9½	57		
Callers	m	d	1.50		1.40	12	84		
Carpenters	m	d	2.90		2.00	9½	57		
Car inspectors	m	d	2.60		1.65	9½	57		
Clerks	m	m	90.00		40.00	9	58		
Common laborers	m	d	2.00		1.40	9½	57		
Engineers, stationary	m	m	80.00		50.00	10	60		
Foreman	m	m	175.00		70.00	10	60		
Machinists	m	d	3.85		2.50	9½	57		
Machinist helper	m	d	2.40		1.60	9½	57		
Master mechanic	m	m	225.00			10	65		
Painters	m	d	2.50		2.25	9½	57		
Painters' helper	m	d	1.90		1.50	9½	57		
Roundhouse men	m	d	2.00		1.40	10	60		
Retail Dry Goods—									
Salesmen	m	m	60.00	45.00	40.00	10	60	n	n
Saleslades	f	w	7.00		6.00	10	60	n	n
Shafts and Poles Mfg.—									
Engineer	m	h	.22½			10	60	n	n
Foreman	m	h	.27½			10	60	n	n
Laborers	m	h	.18½	.16⅔	.15	10	60	n	n
Machinist	m	h	.17½			10	60	n	n
Shirts, Pants and Jacket Mfg.—									
Clerks	m	m	50.00		45.00	10	60		
Factory	m	w	18.00	5.50	5.00	10	50		
Porters	m	w	12.00	8.65	4.50	10	60		
Traveling men	m	m	300.00	102.00	45.00	10	60		
Store Fixtures—									
Bookkeeper	f	d	1.67		1.67	10	60	n	n
Common laborers	m	d	1.50		1.50	10	60	n	n
First coaters	m	d	1.75		1.75	10	60	n	n
Foreman	m	d	2.25		2.00	10	60	n	n
Iron workers	m	d	2.25		2.25	10	60	n	n
Iron helper	m	d	1.67		1.67	10	60	n	n
Machine graihers	m	d	2.00		2.00	10	60	n	n
Machine painters	m	d	1.50		1.50	10	60	n	n
Stenographers	f	d	.83		.83	10	60	n	n
Varnishers	m	d	2.00		2.00	10	60	n	n
Telephone Exchange—									
Cablemen	m	d	3.00			9	54	n	n
Chief operator	f	m	30.00		27.50	9	54	n	n
Clerk	f	m	25.00			9	54	n	n
Collector	m	d	1.00			9	54	n	n
Groundman	m	d	2.00			9	54	n	n
Installer	m	d	2.50			9	54	n	n
Linemen	m	d	2.65	2.25	2.25	9	54	n	n
Manager	m	m	75.00		70.00	9	54	n	n
Operators	f	m	25.00	15.00	12.00	9	54	n	n
Solicitors	m	d	2.25		2.00	9	54	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

LEE COUNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Wholesale Fruits and Vegetables—									
Office clerks	f	m	100.00	-------	52.00	9	54	10%	-------
Shipping clerks	m	m	78.00	-------	65.00	10	60	10%	-------
Store employes	m	w	17.50	10.00	9.00	10	60	10%	-------
Teamsters	m	w	12.00	-------	10.00	10	60	10%	-------
Traveling salesmen	m	m	125.00	-------	60.00	n	n	10%	-------
Wholesale Grocers—									
Clerks	m	m	70.00	50.00	20.00	10	60	5%	-------
Porters	m	w	10.00	9.00	8.00	10	60	5%	-------
Stenographers	f	m	30.00	-------	20.00	10	60	5%	-------
Traveling salesmen	m	m	125.00	85.00	50.00	10	60	5%	-------
Wholesale Grocers—									
Bookkeepers	m	w	9.00	4.80	3.00	9	54	n	n
Cashier	m	m	24.00	-------	-------	9	54	n	n
Office boys	m	m	5.00	-------	4.00	9	54	n	n
Receiving clerk	m	m	75.00	-------	-------	9	54	n	n
Salesmen	m	m	125.00	75.00	60.00	n	n	n	n
Shipping clerk	m	m	75.00	-------	-------	9	54	n	n
Stenographers	f	m	40.00	30.00	25.00	9	54	n	n
Warehousemen	m	w	10.50	-------	9.00	9	54	n	n
Wholesale and Retail Liquors—									
Barkeepers	m	w	15.00	-------	10.00	9	54	n	n
Driver	m	w	10.00	-------	10.00	9	54	n	n
Porter	m	w	10.00	-------	10.00	9	54	n	n
Laborers	m	h	.20	-------	.15	n	n	n	n
Wholesale Oils—									
Agents	m	m	100.00	-------	75.00	8	48	n	n
Clerks	m	m	10.00	-------	30.00	8	48	n	n
Clerks	f	m	55.00	-------	35.00	8	48	n	n
Drivers	m	m	50.00	-------	45.00	8	48	n	n
Foremen	m	m	65.00	-------	55.00	8	48	n	n
Laborers	m	m	40.00	-------	-------	8	48	n	n
Wholesale Oils—									
Foreman	m	m	55.00	-------	55.00	n	n	n	n
Drivers	m	m	50.00	45.00	40.00	n	n	n	n
Office clerks	m	m	110.00	70.00	20.00	n	n	n	n
Office clerks	f	m	55.00	45.00	35.00	n	n	n	n
Wholesale Produce, Butter, Poultry and Eggs—									
Creamery	m	h	.17	-------	.15	12	72	n	n
Dressing department	m	h	.20	.15	.12	10	60	n	n
Egg department	m	h	.18 1-3	.17	.15	10	60	n	n
Egg department	f	h	.12	-------	.10	10	60	n	n
Feeding department	m	h	.20	.17	.15	12	72	n	n
Packing department	m	h	.22	.17	.15	10	60	n	n
Process factory	m	h	.22	.17	.15	10	60	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

LINN COUNTY.

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Bakery—									
Bread baker	m	w	15.00	-------	-------	10	60	n	n
Delivery men	m	w	14.00	-------	-------	10	60	n	n
Pastry baker	m	w	23.00	-------	-------	10	60	n	n
Pastry baker assistant	f	w	10.00	8.00	7.00	10	60	n	n
Blank Book Mfg.—									
Finishers	m	w	20.00	-------	18.75	8½	50	8%	-------
Indexing	f	w	8.50	-------	6.00	8½	50	15%	-------
Printers	m	w	17.00	-------	16.00	8½	50	6%	-------
Rulers	m	w	20.00	-------	18.75	8½	50	8%	-------
Sewing	f	w	8.50	-------	7.50	8½	50	12%	-------
Sewing apprentices	f	w	4.50	-------	3.00	8½	50	n	n
Brewery and Carbonated Beverages Mfg.—									
Bottling department	m	w	16.00	14.00	10.50	10	60	-------	-------
Brewery	m	w	17.00	16.00	14.00	10	60	-------	-------
Drivers	m	w	18.75	16.00	14.00	10	60	-------	-------
Carriage and Wagon Mfg.—									
Blacksmiths	m	d	3.00	-------	2.00	10	60	-------	-------
Painters	m	d	3.00	-------	2.00	10	60	-------	-------
Wagonmakers	m	d	3.00	-------	2.25	10	60	-------	-------
Cereal Products Mfg.—									
Boxmakers	m	d	2.75	1.75	1.00	10	60	n	n
Coopers	m	d	2.00	-------	-------	10	60	n	n
Engineers	m	d	3.00	2.75	2.50	12	72	n	n
Fireman	m	d	2.40	2.25	2.00	12	72	n	n
General labor	m	d	2.00	1.50	1.00	10	60	n	n
General labor	f	d	1.50	1.00	.70	10	60	n	n
Millers	m	d	3.10	2.00	1.95	11	66	n	n
Millwrights	m	d	4.00	3.50	2.75	10	60	n	n
Packers	m	d	2.30	2.05	1.95	11	66	n	n
Shellmakers	m	d	2.50	-------	1.35	10	60	n	n
Shippers	m	d	2.75	-------	-------	10	60	n	n
Wrappers	f	d	1.25	-------	-------	10	60	n	n
City Water Works—									
Cashier	m	m	75.00	-------	-------	8½	51	n	n
Clerk	m	w	15.00	10.50	9.00	8½	51	n	n
Engineers	m	m	90.00	65.00	50.00	10	70	n	n
Filter men	m	w	10.50	-------	-------	10	60	n	n
Firemen	m	w	12.25	-------	12.25	8	56	n	n
Foreman	m	w	15.00	-------	-------	10	60	n	n
Laborers	m	w	1.75	-------	-------	10	60	n	n
Machinist	m	w	18.00	-------	-------	10	60	n	n
Plumber	m	w	15.00	-------	-------	10	60	n	n
Superintendent	m	m	208.33	-------	-------	10	60	n	n
Confectionary Mfg.—									
Factory	m	w	30.00	-------	10.00	10	58	n	n
Factory	f	w	10.00	-------	3.50	10	58	n	n
Office	m	m	333.33	-------	65.00	8	48	2%	-------
Office	f	m	65.00	-------	25.00	8	48	2%	-------
Shipping department	m	w	15.00	10.00	7.50	10	58	n	n
Traveling salesmen	m	m	150.00	100.00	75.00	10	55	2%	-------

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

LINN COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Dry Cleaning and Dyeing—									
Cleaning	m	w	15.00	-------	12.00	9	54	n	n
Dyers	m	w	20.00	-------	-------	9	54	n	n
Pressers	m	w	15.00	-------	13.00	9	54	n	n
Pressers	f	w	7.50	-------	6.00	9	54	n	n
Electric Light and Street Ry.—									
Car cleaners	m	d	2.50	-------	2.00	n	n	n	n
Engineers	m	m	110.00	-------	75.00	11	77	n	n
Firemen	m	d	2.15	-------	1.75	8	56	n	n
Linemen	m	d	2.75	-------	2.50	9	54	n	n
Manager	m	m	166.66	-------	-------	n	n	n	n
Motormen & conductors	m	h	.22	-------	.17	n	n	n	n
Section men	m	d	1.50	-------	-------	n	n	n	n
Sub. station men	m	m	50.00	-------	-------	n	n	n	n
Superintendents	m	m	150.00	-------	140.00	n	n	n	n
Ticket agents	m	m	83.33	-------	40.00	n	n	n	n
Electric Light, Heat and Power—									
Coal unloader (t)	m	----	.10	-------	.10	n	n	n	n
Engineer	m	m	65.00	-------	60.00	12	72	n	n
Extra labor	m	h	.20	-------	.17½	n	n	n	n
Firemen	m	m	55.00	-------	50.00	12	72	n	n
Linemen	m	m	55.00	-------	50.00	10	60	n	n
Tender	m	m	30.00	-------	30.00	12	72	n	n
Flour and Corn Meal Mfg.—									
Engineer	m	w	16.50	-------	15.00	11	66	9%	-------
Millers	m	w	22.00	-------	15.00	11	66	9%	-------
Oilers	m	w	9.00	-------	9.00	11	66	n	n
Packer	m	w	11.00	-------	11.00	11	66	9%	-------
Shipping clerk	m	w	11.00	-------	11.00	11	66	9%	-------
Sweeper	m	w	9.00	-------	9.00	11	66	n	n
Teamster	m	w	16.50	-------	11.00	11	66	9%	-------
Foundry and Machine Shop—									
Coremakers	m	d	2.75	-------	-------	9	54	n	n
Machinists	m	d	2.70	2.50	2.00	10	60	n	n
Moulders	m	d	3.00	-------	-------	9	54	n	n
Patternmaker	m	d	2.65	-------	-------	10	60	n	n
Sheet metal workers	m	d	2.50	2.25	2.00	8	48	n	n
Gas Mfg.—									
Gas house	m	m	60.00	-------	60.00	12	84	n	n
Shop work	m	m	50.00	-------	50.00	10	60	n	n
Shop helpers	m	w	9.00	-------	9.00	10	60	n	n
Street work	m	w	10.50	-------	10.50	10	60	n	n
Teamster	m	w	11.00	-------	11.00	10	60	n	n

(t) Per ton.
(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

LINN COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Laundry—									
Drivers	m	w	16.00	12.00	10.00	10	60	15%	-------
Engineer	m	w	12.00	-------	12.00	10	60	n	n
Foreman	m	w	25.00	-------	-------	10	60	n	n
Ironers	f	w	7.00	5.00	4.00	10	60	n	n
Laundry help	f	w	9.00	7.00	4.50	9	54	15%	-------
Office girl	f	w	7.00	-------	-------	9	54	15%	-------
Washermen	m	w	18.00	-------	12.00	9	54	n	n
Overalls and Jacket Mfg.—									
Cutter	m	w	12.00	-------	-------	n	n	n	n
Forelady	f	w	12.00	-------	-------	n	n	n	n
Operators	f	w	10.00	7.00	4.00	n	n	-------	10%
Superintendent	m	m	100.00	-------	-------	n	n	25%	-------
Pasteurizing Milk and Cream—									
Bookkeeper	f	w	7.00	-------	-------	8	48	-------	-------
Drivers	m	w	12.00	11.00	10.00	8	56	-------	-------
Phone girl	f	w	6.00	-------	-------	8	48	-------	-------
Milk handlers	m	w	18.00	14.00	10.00	8	56	-------	-------
Pharmacist Mfg.—									
Assistant in laboratory	m	w	14.00	-------	-------	9	54	10%	-------
Bookkeeper	f	w	9.00	-------	-------	9	54	10%	-------
Bottlers and finishers	f	w	7.00	5.00	4.00	9	54	20%	-------
Correspondent	m	w	15.00	13.00	10.00	9	54	n	n
Janitor	m	m	50.00	-------	-------	9	54	n	n
Manager	m	m	100.00	-------	-------	9	54	n	n
Printers	m	m	15.00	12.00	9.00	9	54	n	n
Shipping clerks	m	w	12.00	-------	9.00	9	54	10%	-------
Superintendent	m	m	80.00	-------	-------	9	54	n	n
Traveling salesmen	m	m	75.00	-------	60.00	9	54	n	n
Printing and Binding—									
Apprentices	m	w	6.00	4.50	3.00	n	n	n	n
Apprentices	f	w	5.00	4.00	3.00	n	n	n	n
Bookbinders	m	w	18.00	15.00	10.50	n	n	n	n
Compositors	m	w	21.00	15.00	9.00	n	n	n	n
Feeders	m	w	12.00	-------	6.00	n	n	n	n
Folders	f	w	6.00	4.50	3.00	n	n	n	n
Pressmen	m	w	20.00	15.00	6.00	n	n	n	n
Ruler	m	w	15.00	-------	15.00	n	n	n	n
Stitchers	f	w	8.50	6.00	4.50	n	n	n	n
Printing—									
Bindery	f	w	18.00	10.00	3.00	8½	51	n	n
Job printing	m	w	20.00	15.00	3.50	8	48	-------	-------
Newspaper department	m	w	20.00	16.00	15.00	8	48	-------	-------
Press room	m	w	22.00	13.50	8.00	8½	51	n	n
Pumps and Pipe Mfg.—									
Assistant to foreman	m	d	2.25	2.00	1.75	10	60	n	n
Common labor	m	d	1.75	-------	1.50	10	60	n	n
Foreman	m	d	3.00	-------	2.75	10	60	10%	-------
Patternmaker	m	d	3.50	-------	3.50	10	60	-------	-------

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

LINN COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Pump and Implement Mfg.—									
Common laborers	m	w	12.00	11.00	9.00	10	60		
Foremen	m	w	22.00	19.00	16.00	10	59	5%	
Machinists	m	w	16.50	15.00	12.00	10	60		
Moulders	m	w	18.00	14.00	12.00	9½	56		
Warehousemen	m	w	22.00	14.00	10.00	9½	56		
Pumps and Oil Tanks Mfg.—									
Blacksmiths	m	h	.25	.23½	.20	10	60	n	n
Machinists	m	h	.25			10	60	n	n
Patternmakers	m	h	.30			10	60	n	n
Tinners	m	h	.25	.23½	.20	10	60	n	n
Unskilled labor	m	h	.20	.15	.12½	10	60	n	n
Railroad Repair Shops—									
Carmen	m	h	.20	.18	.16	10	70		
Foreman	m	d	2.00			10	70		
Hostlers	m	h	.18½			10	75		
Laborers	m	h	.16½			10	70		
Wipers	m	h	.16⅔			10	70		
Rolling Store Service Ladders Mfg.—									
Carpenter	m	w	15.00			10	60	n	n
Foreman	m	w	16.00			10	60	n	n
Helper	m	w	9.00			10	60	n	n
Machinist	m	w	15.00			10	60	n	n
Painter	m	w	15.00			10	60	n	n
Sash and Door Mfg.—									
Carpenters	m	h	.40	.25	.20	10	59	10%	
Common labor	m	h	.20	.12½	.10	10	59		
Office clerks	m	h	.35			10	59	10%	
Office clerks	f	h	.30	.25	.20	10	60	10%	
Skirt Mfg.—									
Basters	f	w	5.50	5.00	4.50	10	60	n	n
Cutters	f	w	18.00	12.00	10.00	10	60	17%	
Examiners	f	w	7.50	7.00	6.50	10	60	n	n
Operators	f	w	7.00		6.50	10	60	n	n
Shipping clerk	m	w	14.00		14.00	11	66	14%	
Steel Baskets, Can and Pail Mfg.—									
Boys	m	w	6.00		4.50	10	60	33 1-3%	
Office help	f	w	12.00	10.00	7.00	9	54	10%	
Traveling salesmen	m	w	18.00	15.00	12.00	9	54	25%	
Workmen in shop	m	w	15.00	10.50	7.50	10	60	15%	

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

LINN COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Telephone Exchange—									
Cashiers	f	m	25.00			9	54	n	n
Chief operator	f	m	35.00			9	54	n	n
Collector	m	m	45.00			9	54	n	n
Foreman	m	d	2.75			9	54	n	n
Groundman	m	d	2.00		1.75	9	54	n	n
Lineman	m	d	2.75		2.50	9	54	n	n
Manager	m	m	80.00			9	54	n	n
Operators	f	m	30.00		24.00	9	54	n	n
Solicitors	m	m	60.00			9	54	n	n
Upholstered Furniture Mfg.—									
Seamstress	f	w	6.00			10	60		
Upholsterers	m	w	19.50	13.00	6.00	10	60		
Wagon Mfg.—									
Blacksmithing	m	w	15.00	12.00	6.00	10	60		10%
Painting department	m	w	18.00	12.00	9.00	10	60		10%
Trimming	m	w	15.00			10	60		10%
Wood workers	m	w	15.00	12.00	6.00	10	60		10%
Wholesale Druggists—									
Office clerks	m	w	35.00	12.00	9.00	10	60	n	n
Order clerks	m	w	20.00	12.00	3.50	10	60	n	n
Packing clerks	m	w	12.00			10	60	n	n
Shipping clerks	m	w	20.00		9.00	10	60	n	n
Stenographers	f	w	12.00		8.00	9	54	n	n
Traveling salesmen	m	m	150.00	100.00	75.00	n	n	n	n
Wholesale Dry Goods—									
Assistant manager	m	m	166.66			9	54	n	n
Bookkeepers	f	m	70.00		30.00	9	54	n	n
City salesman	m	m	75.00			10	60	n	n
Invoice clerks	m	m	65.00			10	60	n	n
Manager	m	m	500.00			9	54	43%	
Office clerk	f	w	4.50			9	54	n	n
Order clerks	m	m	60.00	50.00	40.00	10	60	n	n
Receiving clerk	m	w	13.50			10	60	10%	
Shadenaker	m	w	10.00			10	60	n	n
Shipping clerk	m	m	40.00			10	60	n	n
Stenographer	f	w	6.50			9	54	n	n
Traveling salesmen	m	m	150.00	83.33	60.00	10	60	10%	
Wholesale Meats—									
Bookkeepers	m	w	20.00		18.00	10	60	n	n
Managers	m	w	35.00		30.00	10	60	n	n
Salesmen	m	w	18.00	17.00	15.00	10	60	n	n
Shipping clerks	m	w	16.00		15.00	10	60	n	n
Teamsters	m	w	12.00		12.00	10	60	n	n
Wholesale Millinery—									
Clerks	m	w	14.00	8.00	4.50	10	60	n	n
Clerks	f	w	9.00	6.00	2.50	9	54	n	n
Copyists	f	w	9.00	6.00	4.50	9	54	n	n
Designers	f	w	30.00	24.00	15.00	9	54	n	n
Makers	f	w	10.00	6.00	4.50	9	54	n	n
Packers	m	w	14.00	8.00	4.50	10	60	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

LINN COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Wholesale Oils—									
Drivers	m	m	60.00	-------	55.00	n	n	n	n
Office clerks	m	m	40.00	-------	40.00	n	n	n	n
Superintendent	m	m	60.00	-------	60.00	n	n	n	n
Traveling salesmen	m	m	105.00	-------	105.00	n	n	n	n
Wholesale Tea and Coffee—									
Bookkeeper	f	w	10.00	-------	-------	n	n	n	n
Packers	m	w	10.00	-------	-------	n	n	n	n
Packers	f	w	7.00	-------	6.00	n	n	n	n
Roasters	m	w	27.00	-------	15.00	n	n	n	n
Shipping clerk	m	m	100.00	-------	-------	n	n	n	n
Traveling salesmen	m	m	250 00	-------	200.00	n	n	n	n
Wire Fence Mfg.—									
Factory	m	h	.40	-------	-------	10	60	n	n
Office clerks	m	m	100.00	-------	65.00	9	53	n	n
Office clerks	f	d	1.50	-------	1.50	9	53	n	n
Machinists	m	h	.30	.25	.22½	10	60	n	n
Machine operators	m	h	.20	.17½	.15	10	60	n	n
Wire tenders	m	h	.15	-------	.15	10	60	n	n

LUCAS COUNTY.

Carriage and Wagon Mfg.—									
Blacksmiths	m	w	16.50	12.00	4.00	10	60	n	n
Painters	m	w	15.00	10.50	5.50	10	60	n	n
Trimmers	m	w	15.00	12.00	4.00	10	60	n	n
Wood workers	m	w	15.00	-------	12.00	10	60	n	n

MAHASKA COUNTY.

Brick Mfg.—									
Common labor	m	d	1.65	-------	-------	10	60	-------	-------
Engineer	m	d	2.75	-------	-------	10	60	-------	-------
Fireman	m	d	2.20	-------	-------	10	60	-------	-------
Off-bearers (m)	m	------	.52	-------	-------	10	60	-------	-------
Setter (m)	m	------	.72	-------	-------	10	60	-------	-------
Brick and Drain Tile Mfg.—									
Burners	m	d	1.75	-------	-------	10	60	10%	-------
Common labor	m	d	1.60	-------	-------	10	60	n	n
Mill feeder	m	d	2.00	-------	-------	10	60	n	n
Cigar Manufacturing—									
Cigarmakers (m)	m	------	14.00	11.00	9.00	8	48	n	n
Strippers	m	w	4.50	-------	3.50	9	54	n	n
Strippers	f	w	6.50	-------	6.25	9	54	n	n

(m) Per one thousand.
(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

MAHASKA COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Clothiers—									
Bookkeeper	f	m	30.00	-------	-------	10	64	-------	-------
Office clerk	m	m	20.00	-------	-------	10	64	-------	-------
Store clerks	m	m	60.00	-------	50.00	10	64	-------	-------
Clothing and Furnishings—									
Bookkeepers	f	m	60.00	-------	35.00	11	71	-------	-------
Manager	m	m	100.00	-------	-------	11	71	-------	-------
Salesmen	m	m	85.00	60.00	30.00	11	71	-------	-------
Confectionery—									
Bookkeeper	f	m	40.00	-------	-------	10	60	n	n
Candymakers	m	m	65.00	-------	24.00	10	60	n	n
Chocolate dipper	f	w	5.00	-------	3.00	10	60	n	n
Packers	f	d	2.50	-------	2.00	10	60	n	n
Salesmen	m	m	75.00	-------	52.00	10	60	n	n
Shipping clerk	m	m	45.00	-------	-------	10	60	n	n
Stenographers	f	m	40.00	-------	20.00	10	60	n	n
Wagon men	m	m	40.00	-------	-------	10	60	n	n
Drugs—									
Bookkeeper	f	m	55.00	-------	-------	n	n	n	n
Clerks	m	m	80.00	70.00	25.00	n	n	n	n
Delivery men	m	m	50.00	-------	-------	n	n	n	n
Managers	m	m	125.00	-------	115.00	n	n	n	n
Porters and packers	m	m	50.00	-------	-------	n	n	n	n
Ice and Ice Cream Mfg.—									
Bookkeeper	f	m	50.00	-------	-------	12	72	n	n
Engineer	m	m	70.00	-------	-------	12	84	15%	-------
Ice cream maker	m	m	65.00	-------	-------	10	70	n	n
Ice pullers	m	m	40.00	-------	-------	12	84	n	n
Railroad Repair Shops—									
Boilermakers	m	h	.41½	-------	.36	10	60	15%	-------
Boilermakers' helper	m	h	.22½	-------	.22½	10	60	n	n
Car inspectors	m	h	.20½	-------	.17½	10	60	17%	-------
Car repairers	m	h	.20	-------	.16 9-10	10	60	18%	-------
Coach cleaners	m	h	.20	-------	.17	10	60	18%	-------
Engine inspectors	m	h	.22½	-------	.22½	10	60	n	n
Machinists	m	h	.40	-------	.36	10	60	11%	-------
Machinists' helpers	m	h	.22½	.21½	.20½	10	60	n	n
Steam Heaters Mfg.—									
Moulders	m	h	.30	-------	-------	10	59	-------	-------
Moulder helpers	m	h	.15	-------	.15	10	59	-------	-------
Pipe fitters	m	h	.30	-------	.13½	10	59	-------	-------
Pipe fitters' helpers	m	h	.15	-------	.08½	10	59	-------	-------

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

MAHASKA COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs. per Day	Working Time: Hrs. per W'k	Change in Per Cent for Year Ending Dec. 31, 1907: Increase	Change in Per Cent for Year Ending Dec. 31, 1907: Decrease
Street Ry., Light and Power—									
Car repairer	m	m	70.00	-------	-------	10	60	10%	-------
Conductors	m	h	.16	.15	.13	11	77	n	n
Engineer	m	m	65.00	-------	-------	12	84	n	n
Firemen	m	d	2.00	-------	-------	12	84	10%	-------
Head engineer	m	m	91.76	-------	-------	10	70	10%	-------
Helpers	m	d	1.80	-------	-------	12	84	10%	-------
Linemen	m	m	66.00	50.00	40.00	9	54	-------	-------
Motormen	m	h	.17	.15	.14	11	77	n	n
Night car repairer	m	m	60.00	-------	-------	12	84	10%	-------
Track greaser	m	m	45.00	-------	-------	10	70	10%	-------
Telephone Exchange—									
Collector	m	m	40.00	-------	-------	9	54	n	n
Foreman	m	m	60.00	-------	-------	9	54	n	n
Lineman	m	m	55.00	-------	50.00	9	54	n	n
Manager	m	m	60.00	-------	-------	9	54	n	n
Operators	f	m	27.50	-------	17.50	9	54	n	n
Wholesale Oils—									
Drivers	m	m	65.00	-------	50.00	n	n	n	n
Office clerks	m	m	50.00	-------	50.00	n	n	n	n
Traveling salesmen	m	m	110.00	-------	110.00	n	n	n	n
Work Clothing Mfg.—									
Clerks	m	w	20.00	12.00	7.50	8	48	n	n
Clerks	f	w	13.00	8.00	4.50	8	48	n	n
Cutters	m	w	17.30	11.00	8.50	8	48	n	n
Helpers	m	w	5.00	-------	5.00	8	48	n	n
Machinist	m	w	15.00	-------	15.00	8	48	n	n
Machine operators	f	w	15.00	8.00	3.00	8	48	n	n
Overseers	f	w	10.00	9.00	8.00	8	48	n	n
Packer	m	w	10.00	-------	10.00	8	48	n	n

MARION COUNTY.

Self Feeder Mfg.—									
Blacksmith	m	h	.22½	-------	-------	9½	57	n	n
Bookkeeper	f	m	45.00	-------	-------	10	60	n	n
Hostlers	m	h	.15	-------	.13	9½	57	n	n
Machinists	m	h	.20	-------	.15	9½	57	n	n
Moulders	m	h	.27½	.15	.13½	9½	57	n	n
Office clerk	m	m	50.00	-------	-------	10	60	n	n
Painters	m	h	.17½	.15	.10	9½	57	n	n
Stenographer	f	m	40.00	-------	-------	10	60	n	n
Superintendent	m	m	75.00	-------	-------	10	60	n	n
Teamsters	m	h	.20	-------	.15	10	60	n	n
Wood workers	m	h	.20	.15	.13½	9½	57	n	n
Wagon Manufactring—									
Blacksmith	m	h	.17½	.15	.13½	10	60	6%	-------
Common labor	m	h	.14	-------	.12½	10	60	n	n
Engineers	m	w	10.00	-------	-------	10	60	n	n
Moulders	m	h	.20	.14	.12½	10	60	n	n
Painters	m	h	.22½	.15	.11	10	60	5%	-------
Wood workers	m	h	.22½	.17½	.13½	10	60	8%	-------

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

MARSHALL COUNTY.

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs. per Day	Working Time: Hrs. per W'k	Change in Per Cent for Year Ending Dec 31, 1907: Increase	Change in Per Cent for Year Ending Dec 31, 1907: Decrease
Cement Block Mfg.—									
Carpenters	m	h	.37½	.35	.32 1-3	9	54	n	n
Laborers	m	h	.25	.22½	.20	9	54	n	n
Masons	m	h	.55	.40	-------	9	54	n	n
Painters	m	h	.37½	-------	-------	9	54	n	n
Teamsters	m	m	40.00	-------	-------	10	60	n	n
Stone cutters	m	h	.50	-------	-------	9	54	n	n
Dry Goods, Clothing and Shoes—									
Office help	f	w	10.00	-------	3.50	n	n	5%	-------
Managers	m	w	25.00	-------	20.00	n	n	10%	-------
Salesmen	m	w	15.00	-------	12.00	n	n	7½%	-------
Salesladies	f	w	10.00	-------	3.50	n	n	5%	-------
Foundry—									
Moulders	m	d	3.25	-------	-------	10	60	8%	-------
Helpers	m	d	2.00	1.75	.50	10	60	8%	-------
Hotel—									
Bell boys	m	m	35.00	-------	-------	12	84	n	n
Bookkeeper	m	m	50.00	-------	-------	12	84	n	n
Chambermaids	f	m	40.00	-------	-------	12	84	n	n
Chef	m	m	100.00	-------	-------	12	84	n	n
Clerk, day	m	m	75.00	-------	-------	12	84	n	n
Clerk, night	m	m	60.00	-------	-------	12	84	n	n
Dining room girls	f	m	45.00	-------	-------	12	84	n	n
Dishwashers	m	m	41.00	-------	-------	12	84	n	n
Engineer, day	m	m	75.00	-------	-------	12	84	n	n
Engineer, night	m	m	60.00	-------	-------	12	84	n	n
Firemen	m	m	50.00	-------	50.00	12	84	n	n
Head waitress	f	m	62.50	-------	-------	12	84	n	n
Housekeeper	f	m	62.50	-------	-------	12	84	n	n
Houseman	m	m	40.00	-------	-------	12	84	n	n
Pantry girl	f	m	40.00	-------	-------	12	84	n	n
Pastry cook	f	m	65.00	-------	-------	12	84	n	n
Porter, day	m	m	40.00	-------	-------	12	84	n	n
Porter, night	m	m	40.00	-------	-------	12	84	n	n
Second cook	f	m	60.00	-------	-------	12	84	n	n
Silver girl	f	m	40.00	-------	-------	12	84	n	n
Steward	m	m	125.00	-------	-------	12	84	n	n
Washroom man	m	m	35.00	-------	-------	12	84	n	n
Yardman	m	m	41.00	-------	-------	12	84	n	n
Ice Mfg.—									
Drivers	m	m	60.00	-------	45.00	12	84	n	n
Engineers	m	m	75.00	-------	70.00	12	84	n	n
Firemen	m	m	60.00	-------	-------	12	84	n	n
Ice pullers	m	m	55.00	-------	50.00	12	84	n	n
Stenographers	m	m	45.00	-------	-------	12	84	n	n
Laundry—									
Assorters and markers	f	h	.12	-------	-------	10	60	n	n
Drivers	m	h	.20	-------	-------	10	60	n	n
Engineer	m	h	.15	-------	-------	10	60	n	n
Hand ironers	f	h	.12½	-------	-------	10	60	n	n
Machine operators	f	h	.10	-------	-------	10	60	n	n
Starcher	f	h	.10	-------	-------	10	60	n	n
Washman	m	h	.27	-------	-------	10	60	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

MARSHALL COUNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Machinery Mfg.—									
Blacksmith	m	h	.40	-------	.22½	n	n	n	n
Bookkeeper	m	m	85.00	-------	-------	n	n	n	n
Buffer	m	h	.20	-------	.07½	n	n	n	n
Carpenters	m	h	.25	-------	-------	n	n	n	n
Machinists	m	h	.40	-------	.22½	n	n	n	n
Painter	m	h	.17½	-------	-------	n	n	n	n
Stenographer	f	m	50.00	-------	-------	n	n	n	n
Trowel makers	m	h	.30	-------	.20	n	n	n	n
Maple Syrup Mfg.—									
Bookkeeper	f	m	75.00	-------	-------	8	48	n	n
Common labor	m	m	50.00	30.00	28.00	10	60	n	n
Common labor	f	d	1.00	-------	-------	10	60	n	n
Salesmen	m	m	100.00	-------	75.00	n	n	n	n
Superintendents	m	m	75.00	-------	67.50	10	60	n	n
Pork and Beef Packing—									
Beef room	m	h	30	.17½	.17½	8	48	n	n
Carpenters	m	h	.27½	-------	.25	8	48	n	n
Cellar men	m	h	.25	.17½	.15	8	48	n	n
Coopers	m	h	.25	-------	.15	8	48	n	n
Engineers	m	h	.25	-------	-------	8	48	n	n
General help	m	h	.25	.17½	.15	8	48	n	n
Killing and cutting	m	h	.25	.17½	.15	8	48	n	n
Press room	m	h	.21	-------	.17½	8	48	n	n
Sausage makers	m	h	.30	.20	.16½	8	48	n	n
Sausage makers	f	h	.10	.10	.10	8	48	n	n
Shipping room	m	h	.25	.20	.15	8	48	n	n
Watchman	m	h	.22½	-------	.22½	8	48	n	n
Railroad Repair Shop—									
Blacksmiths	m	h	.43	.37½	.35½	9½	50	15%	-------
Blacksmith helpers	m	h	.37	.26	.21½	9½	50	15%	-------
Boilermakers	m	h	.42½	.37	.36	9½	50	15%	-------
Boilermakers' helper	m	h	.25	.23½	.20½	9½	50	15%	-------
Boilermaker apprentice	m	h	.07½	-------	.07½	9½	50	n	n
Car carpenters	m	h	.24½	.23½	.21½	9½	50	9%	-------
Car repairers	m	h	.20	.17½	.16½	9½	50	12%	-------
Engine inspectors	m	h	.20½	-------	.20½	9½	50	n	n
Handy men	m	h	.33	.27	.23	9½	50	15%	-------
Laborers	m	h	.16½	-------	.15	9½	50	10%	-------
Machinists	m	h	.40	.36	.34	9½	50	11%	-------
Machinist apprentice	m	h	.10	-------	.07½	9½	50	33 1-3%	-------
Machinist helpers	m	h	.20½	-------	.20½	9½	50	n	n
Mach. skilled helpers	m	h	.34	.25	.20½	9½	50	12%	-------
Tinners	m	h	.32	.28	.22½	9½	50	14%	-------
Steam Trap Mfg.—									
Fireman	m	d	1.50	-------	1.25	10½	63	n	n
Machinists	m	d	3.50	-------	2.00	10	60	n	n
Machinist helpers	m	d	1.50	-------	1.25	10	60	n	n
Night watchman	m	m	50.00	-------	50.00	12	84	n	n
Sheet metal workers	m	d	2.25	-------	1.50	10	60	n	n
Testers	m	d	3.00	-------	2.50	10	60	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

MARSHALL COUNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Telephone Exchange—									
Clerks	f	m	25.00	-------	24.00	9	54	n	n
Collector	m	m	25.00	-------	-------	9	54	n	n
Linemen	m	d	2.65	-------	2.00	9	54	n	n
Manager	m	m	80.00	-------	-------	9	54	n	n
Operators	f	m	27.50	-------	24.00	9	54	n	n
Wholesale Grocer—									
Clerks	m	m	200.00	-------	60.00	8	48	n	n
Clerks	f	m	70.00	-------	-------	8	48	n	n
Shipping department	m	m	75.00	-------	45.00	10	60	n	n
Wholesale Oils—									
Drivers	m	m	52.00	-------	52.00	n	n	n	n
Office clerks	m	m	50.00	-------	50.00	n	n	n	n
Traveling salesmen	m	m	110.00	-------	110.00	n	n	n	n
Warehousemen	m	m	50.00	-------	50.00	n	n	n	n
Wholesale Oils and Greases—									
Advertising manager	m	w	35.00	-------	-------	9	54	n	n
Bookkeeper	m	w	15.00	-------	-------	9	54	n	n
Cashiers	m	w	25.00	-------	-------	9	54	n	n
Clerks	m	w	15.00	-------	-------	9	54	n	n
Clerks	m	w	18.00	-------	18.00	8	48	n	n
Coopers	m	w	15.00	-------	-------	10	60	n	n
Engineers	m	w	15.00	-------	-------	10	60	n	n
Fillers	m	w	12.00	-------	-------	10	60	n	n
Manager	m	w	15.00	-------	-------	10	60	n	n
Grease makers	m	w	12.00	-------	-------	10	60	n	n
Laborers	m	w	35.00	-------	-------	9	54	n	n
Manager	f	w	9.00	-------	9.00	9	54	n	n
Stenographers	m	w	13.50	-------	-------	10	60	n	n
Teamsters	m	w	40.00	-------	40.00	10	60	n	n
Traveling salesmen	m	w							
Wholesale Produce—									
Case makers (c)	m	------	.01¼	-------	.01¼	10	60	n	n
Chicken pickers (f)	m	------	.02½	-------	.02½	10	60	n	n
Egg candlers	m	h	.20	-------	.20	10	60	n	n
Graders and packers	m	h	.22½	-------	.20	10	60	n	n
Laborers	m	h	.17½	.16½	.15	10	60	n	n

MITCHELL COUNTY.

Cigar Mfg.—									
Apprentices	m	w	9.00	-------	9.00	10	60	-------	-------
Cigarmakers (m)	m	------	7.50	-------	7.50	10	60	-------	-------
Stripper	m	w	4.00	-------	4.00	10	60	-------	-------

(c) Per case.
(f) Per fowl.
(m) Per thousand.
(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

MONTGOMERY COUNTY.

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Art Advertising Calendars—									
Beveling department	m	w	24.00	-------	10.00	10	59	11%	-------
Composing room	m	w	24.25	15.00	5.00	10	59	9%	-------
Cutting department	m	w	20.25	10.50	4.00	10	59	2%	-------
Cylinder pressmen	m	w	14.00	9.00	7.00	10	59	13%	-------
Die stamping dept.	m f	w	18.00	6.00	4.00	10	59	10%	-------
Electrician	m	w	16.00	-------	-------	10	59	14%	-------
Finishing room	f	w	12.00	5.00	4.00	10	59	13%	-------
Finished stock dept.	m	w	12.00	-------	-------	10	59	30%	-------
Gordon pressmen	m	w	18.00	6.00	4.00	10	59	10%	-------
Inspecting and wrapping	f	w	14.00	6.00	4.00	10	59	17%	-------
Janitors and nightwatch	m	w	14.00	-------	13.00	10	70	4%	-------
Pad gathering	f	w	8.00	5.00	4.00	10	59	3%	-------
Raw material dept.	m	w	15.00	-------	10.00	10	59	15%	-------
Shipping department	m	w	20.00	10.50	9.00	10	59	3%	-------
Tinning department	m	w	10.50	9.00	7.50	10	59	5%	-------
Tube Mfg.	m	w	12.00	10.00	7.50	10	59	1%	-------
Brick and Tile Mfg.—									
Brick setter	m	d	1.75	-------	-------	10	60	-------	-------
Burner	m	d	1.75	-------	-------	12	72	-------	-------
Engineer	m	d	2.50	-------	-------	10	60	-------	-------
General labor	m	d	1.40	-------	-------	10	60	-------	-------
Pit men	m	d	1.40	-------	-------	10	60	-------	-------
Millmen	m	d	1.80	-------	-------	10	60	-------	-------
Bridge and Structural Iron Mfg.—									
Blacksmiths	m	d	3.75	3.00	2.25	10	60	25%	-------
Draughtsman	m	m	100.00	-------	75.00	10	60	-------	-------
Machinist	m	m	75.00	-------	-------	11	66	-------	-------
Shop machine men	m	d	2.75	2.00	1.45	10	60	15%	-------
Yardmen	m	d	2.25	2.00	1.50	10	60	5%	-------
Electric Light, Heat and Power Mfg.—									
Engineers	m	m	100.00	65.00	55.00	8	56	-------	-------
Firemen	m	m	55.00	-------	50.00	8	56	-------	-------
Linemen	m	m	70.00	-------	60.00	10	62	-------	-------
Office force	m	m	100.00	60.00	45.00	10	60	-------	-------
Telephone Exchange—									
Chief operator	f	m	27.50	-------	-------	9	54	n	n
Climbers	m	d	2.25	-------	-------	9	54	n	n
Collector	m	m	40.00	-------	-------	9	54	n	n
Linemen	m	d	2.50	-------	2.00	9	54	n	n
Manager	m	m	75.00	-------	-------	9	54	n	n
Operators	f	m	25.00	-------	17.00	9	54	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

MONONA COUNTY.

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Poultry, Butter and Eggs—									
Candling	m	h	.20	.17½	.15	10	60	n	n
Clerk	m	w	12.00	-------	18.00	10	60	n	n
Manager	m	w	21.00	-------	-------	10	60	n	n
Miscellaneous help	m	h	.25	.17½	.15	10	60	n	n
Packers	m	h	.25	.20	.17½	10	60	n	n
Pickers	m	h	.25	.17½	.17½	10	60	n	n

MONROE COUNTY.

Electric Light and Power Mfg.—									
Bookkeeper	f	m	30.00	-------	-------	9	54	n	n
Engineers	m	m	65.00	-------	55.00	12	78	n	n
Firemen	m	m	55.00	-------	45.00	12	78	n	n
Linemen	m	m	75.00	-------	65.00	12	78	n	n
Flour and Feed Mfg.—									
Engineer	m	d	2.00	-------	-------	10	60	-------	-------
Helper	m	d	1.50	-------	-------	10	60	-------	-------
Teamster	m	d	1.75	-------	-------	10	60	-------	-------
Telephone Switchboard									
Assemblers	m	h	.25	.15	.10	10	60	-------	-------
Fireman	m	w	12.00	-------	12.00	10	60	-------	-------
Machinist	m	h	.28	.20	.20	10	60	-------	-------
Packers	m	w	11.00	-------	10.00	10	60	-------	-------
Winders	f	h	.10	-------	.05	10	60	-------	-------

MUSCATINE COUNTY.

Cigar Mfg.—									
Cirgarmaking	f	w	10.00	-------	6.00	9	54	n	n
Packing and strippers	m	w	7.50	-------	6.00	9	54	n	n
Salesmen	m	m	45.00	-------	35.00	9	54	n	n
Condensed Milk Mfg.—									
Engineer	m	w	12.00	-------	-------	10	60	5%	-------
General laborers	m	w	10.50	9.25	8.25	10	60	4%	-------
General labor	f	w	7.50	6.00	4.50	10	60	-------	-------
Processors	m	w	18.00	14.00	11.50	10	60	5%	-------
Foundry and Mfg.—									
Apprentice coremakers	m	d	.75	-------	.75	10	60	-------	-------
Apprentice moulder	m	d	.75	-------	.75	10	60	-------	-------
Bookkeepers	f	d	1.00	-------	1.00	7	42	-------	-------
Helpers	m	d	1.75	-------	1.50	10	60	-------	-------
Moulders	m	w	15.00	13.50	2.00	10	60	-------	-------
Horse Collar Mfg.—									
Collar shop	m	w	13.50	10.00	7.50	10	60	5%	-------
Harness shop	m	w	20.00	10.50	3.00	10	60	-------	-------

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

MUSCATINE COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs. per Day	Working Time: Hrs. per W'k	Change in Per Cent for Year Ending Dec. 31, 1907: Increase	Change in Per Cent for Year Ending Dec. 31, 1907: Decrease
Hotel—									
Bell boys	m	m	10.00	-------	-------	12	84	-------	-------
Chef	m	m	75.00	-------	-------	12	84	-------	-------
Clerks	m	m	30.00	-------	-------	12	84	-------	-------
Dining room girls	f	m	15.00	-------	-------	12	84	-------	-------
Dishwasher	f	m	12.00	-------	-------	12	84	-------	-------
Fireman	m	m	20.00	-------	-------	12	84	-------	-------
Pantry girl	f	m	15.00	-------	-------	12	84	-------	-------
Porters	m	m	20.00	-------	-------	12	84	-------	-------
Second cook	f	m	25.00	-------	-------	12	84	-------	-------
Laundry—									
Delivery man	m	w	12.00	-------	-------	10	60	(n)	(n)
Engineer	m	w	12.00	-------	-------	10	60	(n)	(n)
Foreman	m	w	12.00	-------	-------	10	60	(n)	(n)
Helpers	f	w	5.00	-------	-------	10	60	(n)	(n)
Washerman	m	w	12.00	-------	-------	10	60	(n)	(n)
Mill Machinery Mfg.—									
Carpenter	m	d	2.75	2.00	1.50	(n)	(n)	(n)	(n)
Glaziers	m	d	2.50	2.25	2.25	(n)	(n)	(n)	(n)
Lumber pilers	m	d	2.25	1.50	1.33 1-3	(n)	(n)	(n)	(n)
Machine men	m	d	2.25	2.75	1.50	(n)	(n)	(n)	(n)
Teamsters	m	w	2.00	1.75	1.66 2-3	(n)	(n)	(n)	(n)
Pearl Button Mfg.—									
Blank cutters	m	w	20.00	12.00	6.00	10	60	(n)	(n)
Carders	f	w	3.00	2.00	1.00	10	60	(n)	(n)
Engineer	m	w	12.00	-------	12.00	10	60	(n)	(n)
Finishers	f	w	9.00	7.00	5.00	10	60	(n)	(n)
Foreman	m	w	15.00	-------	-------	10	60	(n)	(n)
Forelady	f	w	9.00	-------	-------	10	60	(n)	(n)
Grinders	f	w	5.00	4.00	3.00	10	60	(n)	(n)
Machine girls	f	w	10.00	7.00	3.00	10	60	(n)	(n)
Packers	f	w	6.50	5.00	4.50	10	60	(n)	(n)
Sorting girls	f	w	12.00	6.00	3.00	10	60	(n)	(n)
Printing and Publishing—									
Carrier boys	m	w	1.25	-------	-------	1½	9	(n)	(n)
Pressmen	m	w	16.00	-------	-------	8	48	(n)	(n)
Printers	m	w	18.00	-------	-------	8	48	(n)	(n)
Railway, Transportation—									
Accounting department	m	m	125.00	-------	-------	10	60	(n)	(n)
Conductors	m	d	2.87	1.74	1.44	10	60	(n)	(n)
General manager	m	m	400.00	-------	-------	10	60	(n)	(n)
Maintenance of equip't.	m	d	2.79	2.00	1.50	10	60	(n)	(n)
Maintenance of ways	m	d	2.79	1.78	1.40	10	60	(n)	(n)
Sash, Doors, Blinds Etc.—									
Bench men	m	h	.27½	-------	.20	10	60	(n)	(n)
Laborers	m	h	.17½	-------	.15	10	60	(n)	(n)
Machine men	m	h	.30	-------	.17½	10	60	(n)	(n)
Shipping department	m	h	.20	-------	.13 1-3	10	60	(n)	(n)

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

MUSCATINE COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs. per Day	Working Time: Hrs. per W'k	Change in Per Cent for Year Ending Dec. 31, 1907: Increase	Change in Per Cent for Year Ending Dec. 31, 1907: Decrease
Street Railway, Light and Power—									
Car repairers	m	m	65.00	60.00	50.00	10	70	(n)	(n)
Coal trimmers	m	m	45.00	-------	45.00	10	70	(n)	(n)
Conductors	m	h	.15	-------	.13	11	80	(n)	(n)
Electricians	m	m	65.00	60.00	45.00	10	60	(n)	(n)
Engineers	m	m	95.00	70.00	65.00	10	70	(n)	(n)
Firemen	m	m	45.00	-------	45.00	10	70	(n)	(n)
Gasfitters	m	m	65.00	60.00	40.00	10	60	(n)	(n)
Gas stokers	m	d	2.00	-------	2.00	12	84	(n)	(n)
Laborers	m	d	1.75	1.50	1.50	10	60	-------	14%
Motormen	m	h	.17	.17	.16	11	80	(n)	(n)
Telephone Exchange—									
Chief operators	f	m	30.00	-------	27.50	9	54	(n)	(n)
Clerk	f	m	30.00	-------	-------	9	54	(n)	(n)
Collector	m	m	40.00	-------	-------	9	54	(n)	(n)
Foreman	m	m	70.00	-------	-------	9	54	(n)	(n)
Linemen	m	d	2.50	-------	2.00	9	54	(n)	(n)
Manager	m	m	80.00	-------	-------	9	54	(n)	(n)
Operators	f	m	25.00	-------	17.50	9	54	(n)	(n)
Solicitor	m	d	2.00	-------	-------	9	54	(n)	(n)
Wholesale Grocers—									
Bookkeeper	m	m	75.00	-------	-------	10	60	(n)	(n)
Driver	m	m	62.00	-------	-------	10	60	(n)	(n)
Salesmen	m	m	100.00	75.00	60.00	10	60	(n)	(n)
Shipping clerks	m	m	60.00	-------	-------	10	60	(n)	(n)
Shipping helpers	m	w	11.00	10.00	9.00	10	60	(n)	(n)
Stenographer	f	w	10.00	-------	-------	8	48	(n)	(n)

O'BRIEN COUNTY.

Poultry, Butter and Eggs—									
Buyer	m	w	15.00	-------	-------	10	60	(n)	(n)
Candling	m	h	.20	.17½	.10	10	60	(n)	(n)
Clerk	m	w	12.00	-------	10.00	10	60	(n)	(n)
Manager	m	w	30.00	-------	17.50	10	60	(n)	(n)
Miscellaneous help	m	h	.20	-------	.17½	10	60	(n)	(n)
Packer	m	h	.20	-------	.17½	10	60	(n)	(n)
Recording clerk	m	h	.20	-------	-------	10	60	(n)	(n)
Teamster	m	w	15.00	-------	-------	10	60	(n)	(n)

PAGE COUNTY.

Electric Light, Heat and Power—									
Chief engineer	m	m	100.00	-------	-------	12	84	(n)	(n)
Engineers, assistants	m	m	60.00	-------	50.00	12	84	(n)	(n)
Firemen	m	m	50.00	-------	-------	12	84	(n)	(n)
Office clerks	f	w	6.00	-------	6.00	10	60	(n)	(n)
Steamfitter	m	m	55.00	-------	-------	11	77	(n)	(n)
Tank man	m	m	45.00	-------	-------	11	77	(n)	(n)
Wiremen	m	m	60.00	45.00	45.00	10	60	(n)	(n)

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

PAGE COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Raising and Selling Seeds—									
Farm help	m	d	1.75	-------	1.50	10	60	16⅔	-------
Miscellaneous help	m	d	1.75	-------	1.50	10	60	16⅔	-------
Sorters and preparers	m	d	1.75	-------	1.75	10	60	n	n
Stock Food Mfg.—									
Laborers	m	m	75.00	50.00	30.00	10	60	n	n
Traveling salesmen	m	m	125.00	75.00	35.00	10	60	n	n
Telephone Exchange—									
Linemen	m	m	58.50	-------	55.00	9	54	n	n
Manager	m	m	60.00	-------	-------	9	54	n	n
Operators	f	m	25.00	22.50	15.00	9	54	n	n
Wholesale Produce—									
Creamery	m	w	19.00	-------	10.00	10	60	-------	-------
Egg room	m	h	.25	-------	.15	10	60	-------	-------
Feeding station	m	h	.30	-------	.12½	10	60	-------	-------
Hide cellar	m	h	.20	-------	.16 2-3	10	60	-------	-------
Poultry dressing (f)	m	------	.04	-------	.02	n	n	-------	-------

PLYMOUTH COUNTY.

Flour and Feed Mfg.—									
Common labor	m	m	40.00	-------	-------	11	66	n	n
Grain buyer	m	m	30.00	-------	-------	11	66	n	n
Head miller	m	m	65.00	-------	-------	11	66	n	n
Manager	m	m	75.00	-------	-------	n	n	n	n
Night men	m	m	40.00	-------	-------	12	72	n	n
Packers	m	m	40.00	-------	-------	11	66	n	n
Second miller	m	m	60.00	-------	-------	11	60	n	n
Telephone Exchange—									
Clerk	f	m	5.00	-------	-------	1	6	n	n
Linemen	m	m	62.40	-------	57.50	9	54	n	n
Manager	m	m	75.00	-------	-------	9	54	n	n
Operators	f	m	20.00	-------	10.00	9	54	n	n
Well Boring Machinery Mfg.—									
Blacksmiths	m	d	2.75	-------	-------	10	60	-------	-------
Carpenters	m	d	3.00	-------	-------	10	60	-------	-------
Helpers	m	d	2.00	-------	-------	10	60	-------	-------
Machinists	m	d	3.00	-------	-------	10	60	-------	-------
Moulders	m	d	3.50	-------	3.25	10	60	-------	-------

(b) Per fowl.
(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

POCAHONTAS COUNTY.

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Brick and Drain Tile Mfg.—									
Common labor	m	d	1.85	-------	1.85	10	60	5%	-------
Drum man	m	d	1.25	-------	1.25	10	60	-------	-------
Engineer	m	d	2.00	-------	2.00	10	60	14%	-------
Kiln burners	m	d	2.00	-------	2.00	12	72	14%	-------
Off-bearers	m	d	2.00	1.90	1.85	10	60	10%	-------
Teamsters	m	d	2.00	1.90	1.85	10	60	10%	-------
Truckers	m	d	2.00	1.90	1.85	10	60	10%	-------

POLK COUNTY.

Bakery—									
Bread bakers	m	d	5.00	2.00	1.00	10	60	n	n
Cake bakers	m	d	3.00	-------	1.25	10	60	n	n
Common labor	m	d	2.00	-------	-------	10	60	n	n
Delivery men	m	d	3.00	-------	2.50	n	n	n	n
Pie bakers	m	d	3.00	-------	1.25	10	60	n	n
Shipping department	m	d	5.00	2.00	2.00	10	60	n	n
Bakery Products—									
Bakers	m	w	15.00	10.50	7.50	9½	57	-------	-------
Box makers	m	w	17.50	12.50	10.00	9½	57	-------	-------
Drivers	m	w	12.00	11.50	11.00	9½	57	-------	-------
Engineers	m	w	15.00	-------	11.00	11	77	-------	-------
Firemen	m	w	12.00	-------	-------	10	60	-------	-------
Icing girls	f	w	8.00	5.50	4.00	9½	57	-------	-------
Manager	m	m	233.33	-------	-------	9½	57	-------	-------
Office help	m	w	23.08	12.00	9.00	10	60	-------	-------
Office help	f	w	15.00	12.00	9.00	9½	57	-------	-------
Salesmen	m	m	175.00	90.00	60.00	n	n	n	n
Shippers	m	w	15.00	10.50	7.50	9½	57	-------	-------
Superintendent	m	w	30.00	-------	-------	n	n	-------	-------
Brick Mfg.—									
Engineer	m	d	2.50	-------	2.50	9	54	n	n
Firemen	m	d	2.50	-------	2.50	12	84	n	n
House machine men	m	d	2.25	-------	2.00	9	54	n	n
Kiln firemen	m	d	2.10	-------	2.10	12	84	n	n
Pit men	m	d	1.80	-------	1.80	9	54	n	n
Teamsters	m	d	2.00	-------	1.75	9	54	n	n
Transfer men	m	d	1.80	-------	1.80	9	54	n	n
Broom Mfg.—									
Broom sorters	m	w	16.00	7.50	4.00	10	60	8%	-------
Broom Sorters	f	w	6.50	-------	4.75	10	60	8%	-------
Broom tiers	m	w	17.73	15.00	12.00	10	60	8%	-------
Common labor	m	w	12.00	-------	7.50	10	60	n	n
Casket Mfg.—									
Brush hands	m	w	20.00	15.00	12.00	10	60	n	n
Engineer	m	w	20.00	-------	-------	10	60	15%	-------
Laborers	m	w	10.50	9.00	9.00	10	60	n	n
Machine hands	m	w	19.50	15.00	12.00	10	60	8%	-------
Sewing girls	f	w	20.00	10.00	6.00	10	60	n	n
Teamsters	m	w	10.00	-------	-------	n	n	n	n
Upholsterers	m	w	19.50	15.00	8.00	10	60	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

POLK COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Cigar Mfg.—									
Cigarmakers	m	w	18.00	14.00	10.00	8	48	n	n
Strippers	f	w	7.00	6.00	3.00	8	48	n	n
Confectionery Mfg.—									
Chocolate dipper	f	d	1.00	-------	1.00	8	48	n	n
Clerks	f	m	45.00	-------	30.00	9	54	n	n
Ice cream maker	m	m	45.00	40.00	35.00	8	48	n	n
Crockery—									
Bookkeeper	m	w	35.00	-------	-------	n	n	n	n
Clerks	m	w	25.00	14.00	6.00	9	54	n	n
Clerks	f	w	20.00	10.00	6.00	9	54	n	n
Delivery man	m	w	8.50	-------	-------	9	54	n	n
Stenographer	f	w	10.00	-------	-------	9	54	n	n
Stock and shipping clerk	m	w	11.50	11.50	8.00	10	60	n	n
Traveling salesmen	m	m	85.00	75.00	65.00	n	n	n	n
Electric Light and Power—									
Ashmen	m	d	2.00	-------	1.75	9	63	14%	-------
Arc lamp trimmer	m	m	70.00	-------	50.00	9	54	77%	-------
Bookkeeper	m	m	125.00	75.00	60.00	9	54	7%	-------
Clerks	m	m	60.00	50.00	25.00	9	54	n	n
Emergency men	m	m	50.00	-------	45.00	10	60	n	n
Engineers	m	m	100.00	75.00	68.80	8	56	11%	-------
Firemen	m	m	70.00	65.00	60.00	8	56	15%	-------
Laborers	m	d	2.00	-------	1.75	9	63	14%	-------
Linemen	m	d	3.12	2.87	2.75	9	54	4%	-------
Meter men	m	m	75.00	55.00	40.00	9	54	n	n
Oilers	m	m	50.00	-------	50.00	8	56	n	n
Repair men	m	m	100.00	90.00	50.00	9	63	n	n
Solicitors	m	m	90.00	75.00	50.00	9	54	20%	-------
Stenographers	f	m	50.00	-------	50.00	9	54	n	n
Stockmen	m	m	90.00	50.00	40.00	9	54	n	n
Switchboard attendants	m	m	30.00	-------	30.00	8	56	n	n
Teamsters	m	d	3.50	-------	3.50	9	54	n	n
Water power men	m	m	50.00	45.00	35.00	12	84	n	n
Flour and Feed Mfg.—									
Cereal department	f	w	6.00	-------	3.50	10	60	n	n
Elevator man	m	w	12.50	-------	12.00	12	72	n	n
Engineers	m	w	16.50	-------	15.75	12	72	n	n
Feed department	m	w	10.00	-------	9.00	10	60	n	n
Flour department	m	w	10.00	-------	-------	10	60	n	n
Millers	m	w	41.66	-------	12.00	12	72	n	n
Mill laborers	m	w	10.00	-------	9.00	10	60	n	n
Packers	m	w	11.00	-------	9.00	10	60	n	n
Teamsters	m	w	11.50	-------	10.00	10	60	n	n
Warehousemen	m	w	15.00	-------	9.00	10	60	n	n
Foundry and Machine Shop—									
Blacksmiths	m	h	.30	-------	.30	9	54	n	n
Machinists	m	h	.38	-------	.30	9	54	n	n
Moulders	m	h	.38	-------	.32	9	51	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

POLK COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Furnace Mfg.—									
Furnace makers	m	d	2.65	2.00	1.25	9	54	-------	-------
Furnace installers	m	d	3.25	2.75	2.50	9	54	-------	-------
Moulders	m	d	3.50	3.00	2.50	9	54	5%	-------
Shopmen	m	d	3.50	2.25	1.75	9	54	5%	-------
Tin department	m	d	2.60	-------	2.50	9	54	-------	-------
Gas Mfg.—									
Bookkeepers	m	m	83.33	75.00	50.00	9	54	10%	-------
Cashiers	m	m	100.00	-------	83.33	9	54	10%	-------
Clerks	m f	m	55.00	45.00	30.00	9	54	10%	-------
Collectors	m	m	83.33	70.00	55.00	9	54	9%	-------
Demonstrator	f	m	90.00	-------	-------	9	54	10%	-------
Firemen	m	d	1.85	-------	1.75	10	60	10%	-------
Fitters	m	d	2.12	2.00	1.75	9	54	10%	-------
Foremen	m	m	125.00	91.50	80.00	9	54	10%	-------
Gas makers	m	d	2.50	2.00	1.85	10	60	10%	-------
Inspectors	m	d	2.50	2.37½	2.00	9	54	10%	-------
Laborers	m	d	1.75	1.50	1.25	9	54	10%	-------
Salesmen	m	m	83.33	75.00	60.00	9	54	5%	-------
Stenographers	f	m	70.00	60.00	25.00	9	54	5%	-------
General Contracting—									
Bricklayer	m	d	5.00	-------	5.00	8	48	4%	-------
Bricklayer foreman	m	d	5.50	-------	5.50	8	48	83⅓%	-------
Carpenters	m	d	3.60	3.30	3.30	8	48	6%	-------
Carpenter foreman	m	d	4.50	-------	4.50	8	48	11%	-------
Cement mason	m	d	3.00	-------	3.00	9	54	n	n
Common laborers	m	d	2.25	2.05	2.00	9	54	n	n
General Creamery Business—									
Butter makers	m	w	23.00	15.00	12.00	10	60	n	n
Chemist	m	w	15.00	-------	15.00	10	60	n	n
Engineers	m	w	17.30	-------	15.00	10	60	n	n
Office help	f	w	15.00	-------	12.00	9	54	n	n
Teamsters	m	w	12.00	-------	12.00	10	60	n	n
General Repairing and Mfg.—									
Blacksmiths	m	d	3.00	2.50	2.25	9	54	n	n
Carriage trimmers	m	d	3.00	2.50	2.25	9	54	n	n
Painters	m	d	3.00	2.50	1.50	9	54	n	n
Wood workers	m	d	3.00	2.50	2.25	9	54	n	n
Harness and Horse Collar Mfg.—									
Collar factory	m	w	20.00	15.00	4.00	10	60	n	n
Harness factory	m	w	24.00	13.00	3.00	10	60	n	n
Office help	f	m	60.00	-------	60.00	9	54	n	n
Shipping department	m	w	28.85	18.00	10.00	9	54	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

POLK COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Laundry—									
Clothes ironer	f	w	7.00	-------	-------	10	56	16%	-------
Engineer	m	w	11.00	-------	-------	11	65	10%	-------
Extractor man	m	w	6.00	-------	-------	10	58	n	n
Forelady	f	w	10.00	-------	-------	10	56	10%	-------
Mangle girls	f	w	5.00	-------	-------	10	58	10%	-------
Markers	f	w	8.00	-------	-------	9	54	n	n
Sorting girl	f	w	10.00	-------	-------	10	54	10%	-------
Sorting, helper	f	w	6.00	-------	-------	9	54	n	n
Starcher	f	w	6.00	-------	-------	10	56	n	n
Washman	m	w	15.00	-------	-------	10	58	7%	-------
Laundry—									
Bookkeeper	f	w	10.00	9.00	7.00	9	54	-------	-------
Drivers	m	w	20.00	15.00	12.00	9	54	-------	-------
Engineer	m	w	15.00	-------	-------	11	66	-------	-------
Foreman	m	w	25.00	-------	-------	9	54	25%	-------
Laundresses	f	w	14.00	6.00	4.00	9	54	n	n
Washman	m	w	10.00	-------	-------	9	54	-------	-------
Laundry—									
Body ironer	f	w	8.00	7.00	5.50	10	60	n	n
Bookkeeper	f	w	6.00	-------	6.00	10	60	n	n
Engineer	m	w	10.00	-------	10.00	10	60	n	n
Ironers	f	w	8.00	7.00	6.00	10	60	n	n
Mangle workers	f	w	7.00	5.00	4.00	10	60	n	n
Neckband ironers	f	w	7.00	6.00	5.50	10	60	n	n
Marker	f	w	12.00	11.00	10.00	10	60	n	n
Shirt finisher	f	w	8.00	7.00	7.00	10	60	n	n
Shirt polisher	f	w	12.00	10.00	8.00	10	60	n	n
Washerman	m	w	18.00	15.00	13.00	10	60	n	n
Machinery Mfg.—									
Blacksmiths	m	h	.41	-------	.41	9	54	n	n
Machinists	m	h	.35	.33 1-3	.30	9	54	11%	-------
Moulders	m	d	2.90	2.87	2.75	9	54	5%	-------
Patternmakers	m	d	2.50	2.25	2.00	9	54	n	n
Machinery Supply House—									
Boilermakers	m	h	.38	.22½	.16 2-3	9	54	10%	-------
Machinists	m	h	.40	.22½	.11	9	54	10%	-------
Office clerks	m	m	150.00	60.00	14.00	9	54	5%	-------
Office clerks	f	w	17.50	10.00	9.00	9	54	n	n
Mattress and Parlor Furniture Mfg.—									
Finishers	m	w	18.00	12.00	5.00	10	60	-------	-------
Furniture packers	m	w	15.00	12.00	10.00	10	60	-------	-------
Mattress makers	m	w	20.00	12.00	4.50	10	60	-------	-------
Sewing girls	f	w	12.00	8.00	5.00	9	54	-------	-------
Upholsterers	m	w	22.00	15.00	6.00	10	60	-------	-------

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

POLK COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Mill and Cabinet Work—									
Apprentices	m	h	.25	-------	.14	9	54	n	n
Benchmen	m	h	.30	-------	-------	9	54	9%	-------
Finishers	m	h	.30	.25	.16 2-3	9	54	9%	-------
Foreman	m	h	.35	-------	.33 1-3	9	54	10%	-------
Machine men	m	h	.32½	-------	-------	9	54	9%	-------
Monument Mfg.—									
Letterers	m	h	.37½	-------	.21	8	48	n	n
Salesmen	m	w	18.00	-------	12.00	8	48	n	n
Setter	m	d	3.00	-------	-------	9	54	n	n
Stenographer	f	w	10.00	-------	7.00	8	48	n	n
Newspaper Publishing—									
Composing room	m f	d	3.75	-------	-------	8	56	n	n
Press room	m	w	20.00	-------	-------	8	56	n	n
Stereotyper	m	w	20.00	-------	-------	8	56	n	n
Paints, Oils, Varnish and General Decorating—									
Painters	m	h	.37½	.31¼	.28½	8	48	n	n
Paperhangers (r)	m	------	.14	.11½	.08½	8	48	n	n
Pharmaceutical Chemists—									
Asst. Superintendent	m	w	12.00	-------	-------	n	n	n	n
Bottle washer	m	w	7.00	-------	7.00	n	n	n	n
Driver	m	w	9.00	-------	-------	n	n	n	n
Fillers	f	w	4.00	-------	4.00	n	n	n	n
Forelady	f	w	5.50	-------	-------	n	n	n	n
Helpers	m	w	8.00	-------	8.00	n	n	n	n
Packers	m	w	8.50	-------	-------	n	n	n	n
Shipping clerk	m	w	12.00	-------	12.00	n	n	n	n
Wrappers	f	w	5.00	-------	-------	n	n	n	n
Pork and Beef Packers—									
Blacksmiths	m	d	2.50	-------	-------	9	54	n	n
Carpenter	m	h	.32	-------	-------	9	54	n	n
Cattle butchers	m	h	.50	.25	.20	9	54	n	n
Checkers	m	w	10.50	10.00	9.00	10	60	n	n
Coopers	m	h	.30	.25	.22½	10	60	n	n
Engineers	m	w	19.25	-------	-------	10	70	n	n
Firemen	m	d	2.00	-------	-------	8	56	n	n
Hog butchers	m	h	.27½	.22½	.20	10	60	n	n
Laborers	m	h	.20	.17	.15	10	60	n	n
Machinists	m	h	.33½	-------	-------	9	54	n	n
Sausage makers	m	h	.25	.22½	.20	10	60	n	n
Scalers	m	w	12.00	-------	-------	10	60	n	n
Steamfitter	m	w	18.00	-------	-------	9	54	n	n
Teamsters	m	w	12.00	11.50	11.00	10	60	n	n

(r) Per roll.
(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

POLK COUNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Poultry, Butter and Eggs—									
Candlers	m	h	.20	-------	.17½	10	60	n	n
Foreman	m	w	12.00	-------	-------	10	60	n	n
Managers	m	w	18.00	-------	10.00	10	60	n	n
Miscellaneous help	m	h	.25	.20	.17½	10	60	n	n
Packer	m	h	.25	.20	.17	10	60	n	n
Picker	m	h	.17½	-------	-------	10	60	n	n
Recording clerk	m	w	15.00	-------	14.00	10	60	n	n
Teamsters	m	w	14.00	-------	12.00	10	60	n	n
Printing—									
Bindery girls	f	w	10.00	7.00	4.00	9	54	n	n
Feeders	m	w	11.00	-------	6.00	9	54	n	n
Pressmen	m	w	20.00	-------	15.00	9	54	n	n
Printers	m	w	16.00	-------	-------	9	54	n	n
Printing and Binding—									
Binders	m	w	.18	-------	-------	9	54	n	n
Binders	f	------	.06	-------	-------	9	54	n	n
Printer	m	h	.16	-------	-------	9	54	n	n
Lithographers	m	h	.34	-------	-------	9	54	n	n
Printing and Advertising Specialties—									
Binders	f	w	6.00	5.00	4.50	9	54	n	n
Cylinder pressmen	m	w	18.00	-------	-------	9	54	n	n
Cylinder pressfeeders	m	w	10.50	-------	-------	9	54	n	n
Platen pressmen	m	w	15.00	9.50	-------	9	54	n	n
Platen pressfeeders	m	w	6.50	5.50	-------	9	54	n	n
Printers	m	w	20.00	-------	18.00	9	54	n	n
Printing and Publishing—									
Bindery department	m f	w	8.00	5.00	3.00	9	54	n	n
Circulation	m f	w	15.00	7.00	4.50	9	54	n	n
Composing	m f	w	18.00	16.00	7.00	9	54	n	n
Elecrotypers	m	w	22.00	15.00	6.00	9	54	n	n
Linotypers	m	w	25.00	20.00	14.00	9	54	n	n
Mailing	m f	w	18.00	12.00	6.00	9	54	n	n
Pressmen	m	w	18.00	12.00	9.00	9	54	n	n
Proprietary Medicines—									
Filling capsules	f	w	4.00	3.50	3.00	9	54	n	n
Folding circulars	f	w	5.00	4.00	3.00	9	54	n	n
Press feeding	f	w	5.00	-------	5.00	9	54	n	n
Printers	m	w	15.00	-------	12.00	9	54	n	n
Putting up goods	f	w	6.00	4.00	3.00	9	54	n	n
Proprietary Medicines—									
Compositors	m	w	16.00	-------	-------	8	48	12½%	-------
Laboratory	f	w	9.00	5.00	3.00	8	48	12½%	-------
Packers	m	w	13.00	12.00	12.00	8	48	12½%	-------
Pressmen	m	w	16.00	-------	16.00	8	48	12½%	-------

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

POLK COUNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Railroad Repair Shop—									
Boilermakers	m	h	.37	-------	-------	10	60	-------	-------
Car men	m	h	.19½	-------	.17	10	60	-------	-------
Foremen	m	m	95.00	-------	60.00	10	70	n	n
Machinists	m	h	.37	-------	.30	10	60	-------	-------
Machinist helpers	m	h	.17	-------	.17	10	60	-------	-------
Wipers and laborers	m	h	.17	.16	.15	10	60	-------	-------
Railroad Repair Shop—									
Blacksmiths	m	h	.30	-------	-------	10	60	-------	-------
Blacksmith helpers	m	h	.18½	-------	-------	10	60	-------	-------
Boilermakers	m	h	.45	.41	.33	10	60	8%	-------
Boilermakers' helper	m	h	.22	.20	.18½	10	60	-------	-------
Boiler washer	m	h	.20	-------	-------	10	70	-------	-------
Boiler washer helper	m	h	.15	-------	-------	10	70	-------	-------
Carpenters	m	h	.22½	-------	-------	10	60	-------	-------
Handy men	m	h	.30	-------	.25	10	60	-------	-------
Laborers	m	h	.15	-------	-------	10	70	-------	-------
Machinists	m	h	.45	.40	.37	10	60	-------	-------
Machinists	m	h	.20	-------	.18½	10	60	-------	-------
Railroad Repair Shops—									
Carpenters	m	h	.27	.24½	.23	8	44	-------	20%
Clerks to master mechanic	m f	m	90.00	70.00	60.00	9	53	n	n
Clerks at shops	m	m	60.00	55.00	50.00	10	65	n	n
Foremen	m	m	130.00	110.00	75.00	10	65	n	n
General shopmen	m	h	.36	.31½	.21	8	44	-------	20%
Laborers	m	h	.18½	.17	.16	11	77	n	n
Machinists	m	h	.36	-------	-------	8	44	-------	20%
Machinists' helpers	m	h	.22	.21	.17½	11	77	n	n
Master mechanic	m	m	215.00	-------	-------	10	65	n	n
Watchmen	m	m	65.00	-------	-------	12	84	n	n
Wipers	m	h	.17	-------	.16	10	70	n	n
Retail Dry Goods and Millinery—									
Buyers	m	m	250.00	150.00	65.00	9	54	-------	-------
Buyers	f	m	112.50	60.00	45.00	9	54	-------	-------
Helpers	m	m	33.00	26.00	15.00	9	54	-------	-------
Helpers	f	m	30.00	20.00	14.00	9	54	-------	-------
Sales people	m	m	100.00	65.00	45.00	9	54	-------	-------
Sales people	f	m	80.00	40.00	20.00	9	54	-------	-------
Saddelry—									
Factory	m	w	16.00	-------	-------	10	59	-------	-------
Office clerk	m	m	125.00	-------	-------	9	53	-------	-------
Office clerk	f	m	41.65	-------	-------	9	53	-------	-------
Traveling men	m	m	100.00	-------	-------	9	53	10%	-------
Sheet Metal Roofing—									
Cornice makers	m	h	.40	.37½	.35	8	48	6%	-------
Laborers	m	h	.30	.25	.20	8	48	6%	-------
Roofers	m	h	.45	.40	.37½	8	48	6%	-------
Tinners	m	h	.37½	.35	.30	8	48	6%	-------

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

POLK COUNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs. per Day	Working Time: Hrs. per W'k	Change in Per Cent for Year Ending Dec. 31, 1907: Increase	Change in Per Cent for Year Ending Dec. 31, 1907: Decrease
Shoe Mfg.—									
Buttoning and finishing	m	w	35.00	10.00	5.00	10	60	n	n
Clerks	m	m	83.33	50.00	30.00	9	52	n	n
Clerks	f	m	70.00	50.00	30.00	8½	49	n	n
Cutting room	m	w	25.00	19.00	3.00	10	59	n	n
Lasting	m	w	15.00	7.50	5.00	10	60	n	n
Packers	m	w	8.00	5.00	4.00	10	60	n	n
Salesmen	m	m	200.00	125.00	75.00	n	n	n	n
Stitching room	f	w	15.00	6.00	3.00	10	60	n	n
Stock room	m	w	13.25	6.00	5.00	10	59	n	n
Superintendent	m	m	216.66	-------	-------	n	n	n	n
Shirt Mfg.—									
Pressers	m	w	15.00	12.00	9.00	9½	57	n	n
Tailors	f	w	10.00	7.50	4.50	9½	57	n	n
Skirt Mfg.—									
Cutters	m	w	23.50	17.00	12.00	9½	57	n	n
Pressers	m	w	18.00	12.00	9.00	9½	57	n	n
Seamstress	f	w	12.00	9.00	4.50	9½	57	n	n
Tailors	m	w	20.00	15.00	12.00	9½	57	n	n
Soap Mfg.—									
Box maker	m	w	8.50	-------	8.50	9	54	-------	-------
Engineer	m	w	10.00	-------	-------	9	54	-------	-------
Soap cutters	m	w	9.00	-------	9.00	9	54	-------	-------
Soap makers	m	w	20.00	8.50	8.50	9	54	-------	-------
Soap stampers	m	w	8.50	8.50	8.50	9	54	-------	-------
Soap wrappers	f	w	9.00	8.00	5.00	9	54	-------	-------
Soda Water Mfg.—									
Bookkeeper	f	w	5.00	-------	-------	6	36	n	n
Bottlers	m	w	12.00	-------	-------	10	60	n	n
Bottle washers	m	w	10.00	-------	9.00	10	60	n	n
Driver	m	w	10.00	-------	-------	10	60	n	n
Foreman	m	w	20.00	-------	16.00	10	60	n	n
Salesman	m	w	15.00	-------	-------	10	60	n	n
Steel Stamping Mfg.—									
Apprentices	m	h	10.00	-------	10.00	9	54	n	n
Die makers	m	h	.50	.40	.35	9	54	n	n
Packers	f	h	.07½	-------	-------	9	54	n	n
Press hands	m	h	.22½	.17½	.12½	9	54	n	n
Stove and Furnace Castings Mfg.—									
Apprentices	m	w	9.50	-------	6.00	9	54	n	n
Helpers	m	w	15.00	12.00	10.50	9	54	n	n
Machinists	m	w	18.00	15.00	13.50	9	54	n	n
Moulders	m	w	23.50	19.00	15.00	9	54	n	n
Warehousemen	m	w	25.00	16.50	10.00	9	54	n	n
Suspender Mfg.—									
Day workers	m	w	8.00	-------	4.00	9	52	12%	-------
Day workers	f	w	5.00	3.50	3.00	9	52	11%	-------
Stitchers, piece work	f	w	9.50	7.25	5.00	9	52	11%	-------

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

POLK COUNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs. per Day	Working Time: Hrs. per W'k	Change in Per Cent for Year Ending Dec. 31, 1907: Increase	Change in Per Cent for Year Ending Dec. 31, 1907: Decrease
Telephone Exchange—									
Cablemen	m	d	3.25	-------	3.00	9	54	12%	-------
Cable helpers	m	d	2.20	-------	-------	9	54	10%	-------
Cashiers	m	m	83.33	-------	50.00	9	54	n	n
Clerks	f	m	40.00	-------	35.00	9	54	n	n
Chief operators	f	m	47.50	-------	37.50	9	54	n	n
Collectors	m	m	50.00	-------	40.00	9	54	n	n
Contract agent	m	m	100.00	-------	-------	9	54	n	n
Foremen	m	m	93.50	-------	82.50	9	54	n	n
Linemen	m	d	3.00	2.90	2.75	9	54	10%	-------
Managers	m	m	125.00	-------	100.00	9	54	n	n
Operators	f	m	40.00	-------	15.00	9	54	n	n
Solicitors	m	d	2.00	-------	-------	9	54	n	n
Stenographer	f	m	40.00	-------	-------	9	54	n	n
Tent and Awning Mfg.—									
Awning hangers	m	w	12.00	-------	-------	n	n	n	n
Hand workers	m	w	6.00	-------	6.00	n	n	n	n
Machine operators	f	w	7.00	-------	7.00	n	n	n	n
Superintendent	m	w	15.00	-------	-------	n	n	n	n
Threshing Machine Sales Rooms—									
Bookkeeper	m	m	91.60	-------	-------	n	n	n	n
Machinists	m	m	70.00	65.00	52.00	n	n	n	n
Manager	m	m	200.00	-------	-------	n	n	n	n
Stenographer	f	m	47.66	-------	-------	n	n	n	n
Traveling salesmen	m	m	117.50	83.33	75.00	n	n	n	n
Threshing Machine and Engine Mfg.—									
Builders	m	d	3.85	2.50	2.50	10	60	n	n
Machinist	m	d	3.25	2.50	1.50	10	60	n	n
Wood workers	m	d	3.75	2.50	2.00	10	60	n	n
Trunk and Case Mfg.—									
Case maker	m	w	15.00	-------	-------	9	54	n	n
Clerks	m	w	25.00	-------	18.00	9	54	n	n
Trunk makers	m	w	15.00	-------	7.00	9	54	n	n
Drayman	m	w	7.00	-------	-------	8	48	n	n
Wagon Mfg.—									
Blacksmiths	m	d	2.50	-------	-------	n	n	n	n
Painters	m	d	2.25	-------	-------	n	n	n	n
Trimmers	m	d	2.50	-------	-------	n	n	n	n
Wagon makers	m	d	2.50	-------	-------	n	n	n	n
Wire Fence Mfg.—									
Balers	m	d	2.00	-------	-------	9	54	n	n
Foreman	m	d	3.00	-------	-------	9	54	n	n
Sorters	f	w	4.75	-------	-------	8	48	n	n
Teamsters	m	d	2.00	-------	-------	9	54	n	n
Wholesale Brokerage and Commission—									
Assistant manager	m	m	83.33	-------	-------	9	54	n	n
Checkers	m	w	10.50	-------	-------	10	60	n	n
Stenographer	f	w	15.00	-------	-------	9	54	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

POLK COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Wholesale Druggists—									
Office clerks	m	w	15.00	12.00	10.00	10	60	2%	
Office clerks	f	w	13.00	12.00	6.00	9	54		
Order clerks	m	w	15.00	12.00	9.00	10	60	2%	
Order clerks	f	w	4.00			9	54		
Wholesale Dry Goods—									
Bookkeeper	m	m	125.00			9	54	n	n
Fireman and janitor	m	w	10.00		10.00	10	60	8%	
Salesman	m	m	83.33		53.00	10	60	n	n
Shipping clerk	m	w	12.00		12.00	10	60	n	n
Stenographer	f	w	10.00		10.00	9	54	n	n
Superintendent	m	m	208.65			9	54	n	n
Traveling salesmen	m	m	141.50		70.00	10	60	n	n
Wholesale Groceries—									
Bookkeepers	f	m	100.00		75.00	9	54		
Cashiers	f	m	85.00			9	54		
Office boys	m	w	11.00		6.00	10	60		
Receiving clerks	m	w	12.00			10	60		
Salesmen	m	w	37.00	20.00	15.00	10	60		
Shipping clerk	m	w	15.00		12.50	10	60		
Stenographers	f	m	75.00	45.00	35.00	9	54		
Wholesale Hardware—									
Office clerks	m	m	54.16			10	60	10%	
Salesmen	m	m	93.94			10	60	10%	
Stenographers	f	m	45.00			9	54	5%	
Stock men	m	m	51.94			10	60	5%	
Wholesale Liquors—									
Barkeepers	m	w	15.00			8½	51	n	n
Drivers	m	w	13.50			11	66	n	n
Warehousemen	m	w	12.00			10	60	n	n
Wholesale Meats—									
Bookkeeper	m	w	18.00			10	60	n	n
Cashier	m	w	12.00			10	60	n	n
Manager	m	w	27.50			11	66	n	n
Salesmen	m	w	19.00		18.00	11	66	n	n
Shipping clerk	m	w	19.00			11	66	n	n
Teamsters	m	w	12.00			11	66	n	n
Wholesale Oils—									
Drivers	m	m	55.00	50.00	50.00	n	n	n	n
Foreman	m	m	86.68			n	n	n	n
Office clerks	m	m	135.00	40.00	30.00	n	n	n	n
Office clerks	f	m	50.00		50.00	n	n	n	n
Superintendent	m	m	110.00			n	n	n	n
Warehousemen	m	m	60.00		50.00	n	n	n	n
Wholesale Oils—									
Barrel room help	m	d	2.62	2.15	1.50	10	60		
Bookkeeper	m	m	75.00		60.00	10	60		
Traveling salesmen	m	m	125.00		85.00	14	75		
Stenographers	f	m	55.00		40.00	10	60		
Wagon men	m	m	60.00	55.00	50.00	10	60	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

POLK COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs, per W'k	Increase	Decrease
Woolen Mills—									
Carding	m	w	21.00			10	60	n	n
Dyeing	m	w	15.00			10	60	n	n
Finishing	m	w	18.00	12.00	10.50	10	60	n	n
Spinning	m	w	21.00			10	60	n	n
Spooling	m	w	13.50			10	60	n	n
Weaving	m	w	18.00	12.00	9.00	10	60	n	n
Weaving	f	w	12.00	9.00	7.50	10	60	n	n
Wool sorting	m	w	13.50			10	60	n	n
Wrapper and Petticoat Mfg.—									
Inspectors	f	w	12.00			9½	57	n	n
Cutters	m	w	14.00			9½	57	n	n
Seamstresses	f	w	6.00			9½	57	n	n

POTTAWATTAMIE COUNTY.

Cold Storage—									
Common labor	m	m	75.00		60.00	12	72		
Managers	m	m	200.00		100.00	12	72		
Commission and Storage—									
Bookkeeper	f	m	60.00			11	71	n	n
Manager	m	m	208.33			12	76	n	n
Manager, assistant	m	m	55.00			15	90	n	n
Stenographer	f	m	35.00			10	60	n	n
Stenographer, assistant	f	h	.20		.20	9	45	n	n
Warehousemen	m	w	15.00		12.25	12	72	n	n
Farm Implements—									
Machinists	m	h	.30		.25	10	60	12½%	
Shop labor	m	h	.20		.17½	10	60	12½%	
Flour Mfg.—									
Elevator man	m	m	40.00		40.00	11	66		
Flour loader	m	m	40.00		40.00	11	66		
Flour packers	m	m	50.00	48.00	46.00	11	66		
Head engineer	m	m	80.00	72.50	65.00	11	66		
Head miller	m	m	85.00		85.00	11	66		
Second engineer	m	m	42.50		42.50	11	66		
Second miller	m	m	50.00		50.00	11	66		
Teamsters	m	m	42.50	41.00	40.00	11	66		
General Foundry—									
Blacksmith	m	h	.27½		.27½	10	60	n	n
Foundry	m	h	.34			9	54	n	n
Helpers	m	h	.25		.20	10	60	n	n
Machine work	m	h	.37½	.32½	.20	10	60	n	n
Pattern work	m	h	.35		.35	9	54	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

POTTAWATTAMIE COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Gas Mfg.—									
Gasfitters	m	m	55.00	-------	52.00	9	54	n	n
Gasworks helpers	m	m	55.00	50.00	45.00	12	84	n	n
Groundmen	m	d	1.75	-------	1.50	9	54	n	n
Laborers	m	h	.20	.17½	.16 2-3	10	60	n	n
Linemen	m	d	3.00	-------	2.85	9	54	n	n
Meter installers	m	m	75.00	-------	-------	9	54	n	n
Meter readers	m	d	1.50	-------	-------	10	60	n	n
Sub. station operators	m	m	60.00	-------	50.00	12	84	n	n
Trimmers	m	m	60.00	-------	50.00	9	54	n	n
Gas for Railway Car Lighting—									
Car fillers	m	m	65.00	60.00	55.00	12	84	10%	-------
Engineers, stationary	m	m	65.00	-------	60.00	12	84	10%	-------
Foreman	m	m	70.00	-------	-------	12	84	10%	-------
Gas makers	m	m	65.00	-------	60.00	12	84	10%	-------
Helpers	m	m	60.00	-------	55.00	12	84	10%	-------
Hotel—									
Chambermaids	f	w	7.00	-------	4.00	10	70	n	n
Cook	f	w	15.00	-------	-------	12	84	n	n
Dishwasher	f	w	5.00	-------	-------	12	84	n	n
Fireman	m	w	15.00	-------	-------	15	105	n	n
Janitor	m	w	5.00	-------	-------	12	84	n	n
Night clerk	m	w	4.00	-------	-------	12	84	n	n
Waitresses	f	w	4.00	-------	4.00	12	84	n	n
Ladies Garment Mfg.—									
Forelady	f	w	18.00	-------	-------	9	54	n	n
Machine operators	f	w	5.38	-------	-------	9	54	6⅔%	-------
Shirt cutters	m	w	15.00	-------	-------	9	54	n	n
Laundry—									
Bookkeeper	f	w	11.25	-------	11.25	n	n	n	n
Bundle wrapper	f	w	11.25	-------	6.00	n	n	n	n
Drivers	m	w	17.50	-------	12.00	n	n	n	n
Engineers	m	w	15.00	-------	12.00	n	n	n	n
Foreman	m	w	21.00	-------	-------	n	n	n	n
Hand ironer	f	w	8.00	-------	6.00	n	n	n	n
Listers	f	w	7.00	-------	6.00	n	n	n	n
Machine operators	f	w	7.00	-------	5.00	n	n	n	n
Mangle girls	f	w	5.50	-------	5.00	n	n	n	n
Sorters	f	w	9.00	-------	7.00	n	n	n	n
Starchers	f	w	6.00	-------	6.00	n	n	n	n
Watchman	m	w	15.00	-------	10.00	n	n	n	n
Wringers	m	w	10.00	-------	9.00	n	n	n	n
Planing Mill—									
Carpenters	m	h	.28	.25	.17½	9½	57	15%	-------
Laborers	m	h	.17½	-------	.15	9½	57	15%	-------
Machine men	m	h	.32½	.27½	.20	9½	57	15%	-------

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

POTTAWATTAMIE COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Publishing—									
Bindery	m	w	24.00	-------	12.00	8	48	-------	-------
Bindery	f	w	6.00	-------	3.00	8	48	-------	-------
Pressmen	m	w	26.00	18.00	14.00	8	48	-------	-------
Printers	m	w	30.00	22.50	16.00	8	48	-------	-------
Stereotypers	m	w	25.00	-------	22.50	8	48	-------	-------
Railroad Repair Shop—									
Blacksmith	m	h	.28½	-------	-------	10	70	n	n
Boilermaker	m	h	.45	-------	.38	10	70	n	n
Boiler washer	m	d	2.00	-------	-------	10	70	n	n
Fireman, stationary	m	m	40.00	-------	-------	12	84	n	n
Hostler	m	m	65.00	-------	50.00	12	84	n	n
Laborers	m	h	.15	-------	-------	11	77	n	n
Machinists	m	h	.45	-------	.37	10	70	n	n
Machinist helper	m	h	.22	-------	.18½	10	70	n	n
Railroad Repair Shop—									
Blacksmith helper	m	h	.19	-------	-------	10	70	-------	-------
Boilermakers	m	h	.37	-------	.36	10	70	-------	-------
Boilermaker helper	m	h	.27	-------	.17½	10	70	-------	-------
Boiler washers	m	h	.17½	.16	.15	10	70	-------	-------
Callers	m	h	.15½	-------	-------	10	70	-------	-------
Car cleaners	f	h	.16	-------	-------	10	70	-------	-------
Car men	m	h	.21½	.18½	.17	10	70	-------	-------
Clerks at shops	m	m	55.00	-------	50.00	n	n	n	n
Fire-up men	m	h	.16	-------	.15	10	70	-------	-------
Flue cleaners	m	h	.16½	-------	-------	10	70	-------	-------
Foremen	m	m	100.00	85.00	75.00	n	n	n	n
Machinists	m	h	.37	-------	.34	9	63	n	n
Machinists' helpers	m	h	.15½	-------	.15	10	70	-------	-------
Oil and sand men	m	h	.15	-------	-------	10	70	-------	-------
Storekeeper and clerks	m	m	75.00	-------	50.00	n	n	n	n
Turntable and pit men	m	h	.17½	-------	-------	10	70	-------	-------
Wipers and laborers	m	h	.15	-------	-------	10	70	-------	-------
Railroad Repair Shop—									
Air brakemen	m	h	.20	-------	.20	10	70	-------	-------
Blacksmiths	m	h	.34	-------	-------	9	63	-------	-------
Blacksmith helpers	m	h	.16½	-------	-------	9	63	-------	-------
Boilermakers	m	h	.38½	-------	-------	9	63	-------	-------
Boiler washers	m	h	.17	-------	-------	10	70	-------	-------
Car cleaners	m	h	.15½	-------	-------	10	70	n	n
Car inspectors	m	h	.22½	-------	.21	10	70	n	n
Carpenters	m	h	.22½	-------	-------	10	70	n	n
Car repairers	m	h	.20	-------	-------	10	70	n	n
Clerks	m	m	50.00	-------	-------	n	n	n	n
Cinder pitmen	m	h	.15	-------	-------	10	70	n	n
Engine handlers	m	h	.20	-------	-------	10	70	n	n
Fire builders	m	h	.15	-------	-------	10	70	n	n
Fire cleaners	m	h	.15	-------	-------	10	70	n	n
Foreman	m	m	100.00	-------	-------	10	70	n	n
Machinists	m	h	.37	-------	.34	9	63	n	n
Machinists' helpers	m	h	.21½	-------	-------	9	63	n	n
Stationary firemen	m	m	45.00	-------	-------	12	84	n	n
Wipers	m	h	.19½	-------	-------	12	84	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

POTTAWATTAMIE COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Retail Clothing—									
Cashier	*f*	*m*	30.00	75.00	60.00	10	60	20%	
Clerks	*m*	*m*	125.00			10	60	*n*	*n*
Clerk	*f*	*m*	25.00			10	60	*n*	*n*
Janitor	*m*	*m*	45.00			12	72	*n*	*n*
Messenger boy	*m*	*m*	10.00			4	28	*n*	*n*
Street Railway—									
Bridge foreman	*m*	*m*	90.00			*n*	*n*	*n*	*n*
Bridge men	*m*	*h*	.30			*n*	*n*	*n*	*n*
Car cleaners	*m*	*m*	45.00			*n*	*n*	*n*	*n*
Car placers	*m*	*m*	50.00			*n*	*n*	*n*	*n*
Car repairers	*m*	*h*	.22½			*n*	*n*	*n*	*n*
Conductors	*m*	*h*	.26	.23½	.21	*n*	*n*	*n*	*n*
Firemen	*m*	*m*	45.00			*n*	*n*	*n*	*n*
Foremen	*m*	*m*	100.00	92.50	85.00	*n*	*n*	*n*	*n*
Linemen	*m*	*h*	.29			*n*	*n*	*n*	*n*
Motormen	*m*	*h*	.26	.23½	.21	*n*	*n*	*n*	*n*
Road officers	*m*	*m*	90.00	87.50	85.00	*n*	*n*	*n*	*n*
Toll taker	*m*	*h*	.30			*n*	*n*	*n*	*n*
Track foreman	*m*	*m*	85.00			*n*	*n*	*n*	*n*
Track men	*m*	*m*	42.50			*n*	*n*	*n*	*n*
Watchman	*m*	*m*	50.00			*n*	*n*	*n*	*n*
Wagon Mfg.—									
Blacksmith	*m*	*d*	3.75		2.00	8	48	2%	
Craters	*m*	*m*	75.00	50.00	40.00	8	48	*n*	*n*
General work	*m*	*d*	1.75	1.50	1.25	8	48	*n*	*n*
Painters	*m*	*m*	100.00			8	48	*n*	*n*
Trimmers	*m f*	*d*	3.50		1.00	8	48	*n*	*n*
Wood workers	*m*	*d*	3.50			8	48	*n*	*n*
Wagon Box Mfg.—									
Day laborers	*m*	*d*	2.00		1.75	10	55	*n*	*n*
Foremen	*m*	*d*	3.00		2.75	10	55	*n*	*n*
Piece workers	*m*	*d*	5.00		2.75	10	55	*n*	*n*
Wholesale Farm Implements—									
Bill clerk	*f*	*m*	65.00			*n*	*n*	*n*	*n*
Stenographer	*m*	*m*	36.00			8	48		
Bookkeeper	*m*	*m*	90.00			*n*	*n*	*n*	*n*
Managers	*m*	*m*	208.00			*n*	*n*	*n*	*n*
Stenographer	*f*	*m*	60.00			*n*	*n*	*n*	*n*
Traveling salesmen	*m*	*m*	125.00		95.00	*n*	*n*	*n*	*n*
Wholesale Hardware—									
Bookkeeper	*m*	*m*	83.33			9	54	*n*	*n*
Clerks	*m*	*w*	15.00		10.00	9	54	*n*	*n*
Foreman	*m*	*m*	100.00			9	54	*n*	*n*
Porters	*m*	*w*	10.00		9.00	9	54	*n*	*n*
Salesmen	*m*	*m*	100.00		75.00	9	54	*n*	*n*
Teamsters	*m*	*w*	10.50		10.00	9	54	*n*	*n*

(*n*) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

POTTAWATTAMIE COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Wholesale Liquors—									
Bottlers	*m*	*m*	55.00		55.00	10	60	10%	
Drivers	*m*	*w*	13.00		13.00	10	60	10%	
Salesman	*m*	*m*	83.00		83.00	11	66	10%	
Packers	*m*	*m*	55.00		55.00	10	60	10%	
Wholesale Oils—									
Assistant clerk	*m*	*w*	10.50			10	60		
Assistant manager	*m*	*m*	100.00			8	48		
Billing clerk	*f*	*w*	10.00			8	48		
Bookkeeper	*m*	*m*	65.00			8	48		
Shipping clerk	*m*	*w*	15.00			10	60		
Stenographer	*f*	*w*	13.85			8	48		

POWESHIEK COUNTY.

Creamery—									
Bookkeeper	*m*	*m*	36.00			8	48		
Butter makers	*m*	*m*	90.00		75.00	10	60		
Butter paster	*m*	*m*	36.00			10	60		
Engineer	*m*	*m*	90.00		75.00	12	72		
Foremen	*m*	*m*	90.00		75.00	10	60		
Helpers	*m*	*m*	40.00	50.00	30.00	10	60		
Ice men	*m*	*m*	90.00			12	72		
Second engineer	*m*	*m*	80.00			12	72		
Stenographer	*m*	*m*	36.00			8	48		
Electric Light and Power—									
Electricians	*m*	*m*	100.00		60.00	10	70	*n*	*n*
Engineers	*m*	*m*	100.00		60.00	12	84	*n*	*n*
Firemen	*m*	*w*	12.50		11.55	12	84	*n*	*n*
Helper	*m*	*w*	11.55			12	84	*n*	*n*
Machine tender	*m*	*w*	15.00			12	84	*n*	*n*
Poultry, Buter and Eggs—									
Candling	*i*	*h*	.17½			10	60	*n*	*n*
Clerk	*m*	*w*	10.00			10	60	*n*	*n*
Foreman	*m*	*h*	.20			10	60	*n*	*n*
Manager	*m*	*w*	18.00			10	60	*n*	*n*
Miscellaneous help	*m*	*h*	.20		.17½	10	60	*n*	*n*
Packer	*m*	*h*	.20		.17½	10	60	*n*	*n*
Picker (*f*)	*m*		.02½			10	60	*n*	*n*
Recording clerk (*f*) Per fowl.	*m*	*h*	.20		.17½	10	60	*n*	*n*
Printing and Publishing—									
Bindery	*m*	*w*	20.00		7.50	10	59	5%	
Composing room	*m*	*w*	17.00		13.50	10	59	10%	
Press room	*m*	*w*	15.00		10.00	10	59	10%	
Telephone Exchange—									
Linemen	*m*	*d*	2.00		1.75	9	54	*n*	*n*
Manager	*m*	*m*	60.00			9	54	*n*	*n*
Operators	*f*	*m*	25.00		20.00	9	54	*n*	*n*

(*n*) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

SAC COUNTY.

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs. per Day	Working Time: Hrs. per W'k	Change in Per Cent for Year Ending Dec. 31, 1907: Increase	Change in Per Cent for Year Ending Dec. 31, 1907: Decrease
Poultry, Eggs and Butter—									
Candling	m	h	.20	-------	.16 2-3	10	60	n	n
Clerk	m	w	14.00	-------	-------	10	60	n	n
Manager	m	w	25.00	14.00	12.00	10	60	n	n
Miscellaneous	m	h	.20	-------	.16 2-3	10	60	n	n
Packer	m	h	.16 2-3	-------	-------	10	60	n	n
Pickers (f)	m	------	.02½	-------	.02½	10	60	n	n
Recording clerk	m	h	.20	-------	.16 2-3	10	60	n	n

SCOTT COUNTY.

Beer Mfg.—									
Engineers	m	w	16.00	-------	16.00	8	48	n	n
Firemen	m	w	15.00	-------	15.00	8	48	n	n
Malters	m	w	15.00	-------	15.00	9	54	n	n
Millmen	m	w	14.00	-------	14.00	9	54	n	n
Boiler and Iron Works—									
Boilermakers	m	h	.35	-------	.32½	10	60	n	n
Boilermaker helpers	m	h	.20	-------	.17½	10	60	n	n
Rivet heaters	m	h	.12½	-------	.10	10	60	n	n
Sheet iron workers	m	h	.27½	-------	.20	10	60	n	n
Brick Making—									
Brick setter	m	d	2.00	-------	-------	10	60	-------	-------
Common labor	m	d	2.25	-------	2.25	10	60	n	n
Engineer	m	d	2.50	-------	2.50	10	60	-------	-------
Sander	m	d	2.00	-------	2.00	10	60	-------	-------
Striker	m	d	3.00	-------	3.00	10	50	-------	-------
Truckers	m	d	2.00	-------	2.00	10	60	-------	-------
Cigar Mfg.—									
Cigarmakers	m	w	22.00	13.80	9.19	8	46	-------	-------
Cigarmakers	f	w	17.75	11.70	10.24	8	46	-------	-------
Cigar packers	f	w	12.00	8.00	5.00	8	46	-------	-------
Tobacco stemmers	f	w	10.50	7.50	5.00	8	46	-------	-------
Tobacco workers	m	w	12.00	10.50	9.00	8	46	-------	-------
Tobacco workers	f	w	9.00	7.05	5.41	8	46	-------	-------
Cigar Mfg.—									
Booking	f	d	1.50	-------	1.00	9	54	n	n
Bunch breaking (m)	f	------	3.00	-------	2.00	9	54	n	n
Casing	m	d	2.00	-------	1.50	9	51	n	n
Drying	m	d	2.00	-------	1.50	9	51	n	n
Packers	f	d	2.00	-------	1.00	9	51	n	n
Rolling (m)	m f	------	7.00	-------	3.50	9	51	n	n
Stripping (p)	f	------	.05	-------	.02	9	51	n	n

(f) Per fowl.
(m) Per one hundred.
(p) Per pound.
(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

SCOTT COTNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages: Highest Rate	Rate of Wages: Medium Rate	Rate of Wages: Lowest Rate	Working Time: Hrs. per Day	Working Time: Hrs. per W'k	Change in Per Cent for Year Ending Dec. 31, 1907: Increase	Change in Per Cent for Year Ending Dec. 31, 1907: Decrease
Coffee Roasters and Spice Grinders—									
Box maker	m	w	8.00	-------	8.00	n	n	n	n
Coffee roasters	m	w	18.00	15.00	10.00	n	n	n	n
Helpers	m	w	6.00	-------	5.00	n	n	n	n
Janitor	m	w	10.50	-------	-------	n	n	n	n
Packing department	f	w	5.00	4.00	3.00	n	n	10%	-------
Packing foreman	m	w	23.00	15.00	12.00	n	n	n	n
Printing department	m	w	15.00	12.00	10.00	n	n	n	n
Shippers	m	w	17.00	13.00	11.00	n	n	n	n
Teamsters	m	w	13.00	-------	12.00	n	n	n	n
Confectionery Mfg.—									
Caramel wrappers	f	d	.66	.60	.58 1-3	10	59	5%	-------
Chocolate dippers	f	d	1.00	.75	.50	10	59	5%	-------
Chocolate wrappers	f	d	.58 1-3	-------	.50	10	59	5%	-------
Cream candy makers	m	d	2.33	-------	2.33	10	59	5%	-------
Hand candy makers	m	d	2.16	-------	2.00	10	59	5%	-------
Helpers	m	d	1.00	.75	.58 1-3	10	59	n	n
Cracker and Biscuit Mfg.—									
Bakers	m	h	.30	.25	.20	10	60	10%	-------
Packers	f	h	.15	.10	.08	10	60	10%	-------
Department Store—									
Advertising man	m	w	20.00	-------	-------	8½	51	n	n
Cash boys	m	w	3.00	-------	-------	n	n	n	n
Cash girls	f	w	2.50	-------	-------	n	n	n	n
Clerks	m	w	30.00	12.00	4.50	8½	51	n	n
Clerks	f	w	16.00	7.00	3.00	8½	51	n	n
Engine room	m	w	17.00	-------	12.00	8½	51	n	n
Floor walkers	m	w	28.00	-------	22.00	8½	51	n	n
Office force	m	w	18.00	-------	-------	8½	51	n	n
Office force	f	w	17.00	8.00	4.00	8½	51	n	n
Porters	m	w	10.00	-------	-------	8½	51	n	n
Porters	f	w	5.00	-------	5.00	8	51	n	n
Flour Mfg.—									
Engineers	m	w	13.00	-------	13.50	11	66	n	n
Fireman	m	d	2.20	-------	-------	12	72	n	n
Foreman	m	w	17.50	-------	-------	11	66	7%	-------
Head packers	m	h	.28	-------	.28	11	66	10%	-------
Loaders	m	d	2.00	-------	1.75	10	60	10%	-------
Millwright	m	h	.42	-------	-------	10	60	n	n
Oilers	m	d	2.00	-------	-------	11	66	12½%	-------
Second millers	m	d	2.00	-------	-------	11	66	12½%	-------
Second packers	m	h	.20	-------	-------	11	66	n	n
Sweeper	m	d	1.75	-------	-------	10	60	n	n
Teamsters	m	w	.15	-------	-------	11	66	n	n
Truckers	m	d	2.00	-------	-------	11	66	12½%	-------
Warehousemen	m	d	1.00	-------	1.00	10	60	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

SCOTT COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Flour Mfg.—									
Bran packer	m	w	11.00	-------	11.00	10	60	(n)	(n)
Engineer	m	w	18.00	-------	18.00	10	60	(n)	(n)
Firemen	m	w	12.00	12.00	12.00	10	60	(n)	(n)
Floor men	m	w	12.00	-------	11.00	10	60	(n)	(n)
Flour packers	m	w	12.00	12.00	11.00	10	60	(n)	(n)
Second millers	m	w	13.00	-------	13.00	10	60	(n)	(n)
Teamster	m	w	12.00	12.00	12.00	10	60	(n)	(n)
Foundry and Machine Shop—									
Machinists	m	h	.35	-------	.25	10	59	(n)	(n)
Moulders	m	h	.40	.30	.30	10	59	(n)	(n)
Foundry and Machine Shop—									
Blacksmith	m	h	.32½	-------	.32½	10	59	10%	-------
Helpers	m	h	.20	.17½	.16	10	59	10%	-------
Machinists	m	h	.35	.32	.25	10	59	10%	-------
Moulders	m	h	.32½	.30	.27½	10	59	10%	-------
Patternmakers	m	h	.32½	.30	.30	10	59	10%	-------
Fur Garments Mfg.—									
Clerks	m	w	25.00	15.00	12.00	9	54	(n)	(n)
Clerks	f	w	10.00	8.00	5.00	9	54	(n)	(n)
Cutters	m	w	25.00	-------	15.00	9	54	(n)	(n)
Machine operators	f	w	6.00	-------	-------	9	54	(n)	(n)
Seamstresses	f	w	6.00	-------	-------	9	54	(n)	(n)
Gas and Electricity Mfg.—									
Electricians	m	h	.33 1-3	.27½	.22½	9	54	(n)	(n)
Engineer	m	m	80.00	70.00	60.00	8	56	(n)	(n)
Firemen	m	m	60.00	-------	55.00	9	63	(n)	(n)
Laborers	m	h	.22½	.17½	.15	9	54	(n)	(n)
Line foreman	m	h	.26	-------	-------	9	54	(n)	(n)
Linemen	m	h	.33 1-3	-------	.19 4-9	9	54	(n)	(n)
Grain Dealer									
Assisant manager	m	m	150.00	-------	125.00	(n)	(n)	3%	-------
Bookkeeper	m	m	90.00	-------	75.00	(n)	(n)	3%	-------
Clerks	m	m	60.00	50.00	40.00	(n)	(n)	7%	-------
Common laborers	m	d	1.75	-------	1.75	10	54	(n)	(n)
Engineers	m	w	14.00	-------	14.00	10	60	(n)	(n)
Foreman	m	d	4.00	-------	3.50	10	60	1%	-------
Manager	m	m	200.00	-------	200.00	(n)	(n)	(n)	(n)
Oiler	m	d	2.00	-------	1.75	10	60	-------	2%
Stenographer	f	m	40.00	-------	40.00	8	48	(n)	(n)
Watchman	m	w	12.00	-------	12.00	11	77	(n)	(n)
Weighman	m	d	3.00	-------	2.50	10	60	2%	-------
Hotel—									
Bar room	m	m	50.00	42.00	35.00	10	60	(n)	(n)
Chambermaids	f	m	25.00	18.00	15.00	10	60	(n)	(n)
Dining room	m f	m	25.00	18.00	15.00	10	60	(n)	(n)
Kitchen	m	m	70.00	-------	12.00	10	60	(n)	(n)
Kitchen	f	m	25.00	-------	12.00	10	60	(n)	(n)
Office help	m	m	60.00	20.00	10.00	10	60	(n)	(n)

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

SCOTT COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Ice Crusher Mfg.—									
Machine operators	m	h	.30	.20	.15	10	60	-------	-------
Stenographers	f	w	8.00	7.00	6.00	8	48	-------	-------
Laundry—									
Engineer	m	m	40.00	-------	-------	9	54	-------	-------
Foreman	m	m	75.00	-------	60.00	9	54	-------	-------
Ironers	f	m	24.00	-------	20.00	9	54	-------	-------
Laborers	m	m	35.00	-------	-------	9	54	-------	-------
Manglers	f	m	24.00	-------	20.00	9	54	-------	-------
Seamstreses	f	m	30.00	-------	26.00	9	54	-------	-------
Washer	m	m	40.00	-------	-------	9	54	-------	-------
Locomotive Mfg.—									
Blacksmiths	m	h	.45	.37	.32	10	59	(n)	(n)
Blacksmith helpers	m	h	.37	.21½	.19	10	59	(n)	(n)
Boilermakers	m	h	.40	.36½	.36½	10	59	(n)	(n)
Boilermaker helpers	m	h	.24	.21	.19	10	59	(n)	(n)
Carpenters	m	h	.31	.29½	.24½	10	59	(n)	(n)
Laborers	m	h	.17½	.17½	.17½	10	59	(n)	(n)
Machinists	m	h	.38½	.36	.36	10	59	(n)	(n)
Machinists' helpers	m	h	.20	.19	.17½	10	59	(n)	(n)
Painters	m	h	.37	.27½	.27½	10	59	(n)	(n)
Patternmakers	m	h	.36	.36	.34	10	59	(n)	(n)
Pipefitters	m	h	.32	-------	.32	10	59	(n)	(n)
Pipefitters' helpers	m	h	.32	-------	.32	10	59	(n)	(n)
Lumber—									
Blacksmith	m	d	3.00	2.87	2.75	10	60	5%	-------
Edgers	m	d	4.00	3.75	3.50	10	60	10%	-------
Filers	m	d	5.50	4.15	3.50	10	60	5%	-------
Laborers	m	d	2.00	1.85	1.65	10	60	5%	-------
Pilers	m	d	2.40	2.30	2.25	10	60	5%	-------
Planers	m	d	2.85	2.25	2.00	10	60	5%	-------
Sawers	m	d	6.00	5.50	5.00	10	60	10%	-------
Setters	m	d	3.10	2.95	2.80	10	60	5%	-------
Sorters	m	d	2.40	2.00	1.90	10	60	5%	-------
Stenographers	f	d	1.85	-------	1.85	8	48	(n)	(n)
Teamsters	m	d	2.10	1.90	1.75	10	60	5%	-------
Trimmers	m	d	2.50	-------	2.50	10	60	5%	-------
Macaroni and Cracker Mfg.—									
Bakers and helpers	m	h	.40	.20	.15	10	60	(n)	(n)
Nailers and helpers	m	h	.10	.07½	.06	10	60	(n)	(n)
Packers and labelers	f	h	.10	.07½	.06	10	60	(n)	(n)
Monument Mfg.—									
Granite cutters	m	h	.35	-------	.30	10	59	(n)	(n)
Marble cutters	m	h	.35	-------	.30	10	60	(n)	(n)
Tile setters	m	h	.35	-------	.30	10	60	(n)	(n)
Pearl Button Mfg.—									
Cutting (g)	m	-------	.10	.08	.06	10	59	-------	-------
Finishing (g)	f	-------	.01	-------	.01	10	59	-------	-------
Sewing (g)	f	-------	.02½	-------	.02	10	59	-------	-------
Sorting (g)	f	-------	5-8	-------	5-8	10	59	-------	-------

(g) Per gross.
(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

SCOTT COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Printing and Binding—									
Finishers	m	w	16.50	-------	-------	8	48	n	n
Forwarders	m	w	16.50	-------	14.00	8	48	n	n
Hand printers	m f	-----	17.50	-------	15.00	8	48	n	n
Machine operators	m	w	17.38	-------	-------	8	48	n	n
Paper rulers	m	w	18.00	-------	17.00	8	48	n	n
Pressfeeders	m	w	9.00	-------	-------	8	48	n	n
Pressmen	m	w	15.00	-------	13.50	8	48	n	n
Sewers and folders	f	w	10.00	-------	4.20	8	48	n	n
Pumps and Grey Iron Castings Mfg.—									
Coremakers	m	h	.20	.17½	.15	10	60	n	n
Machinists	m	h	.30	-------	-------	10	60	n	n
Machine hands	m	h	.20	.17½	.15	10	60	n	n
Moulders	m	h	.27	.22½	.20	10	60	n	n
Railroad Repair Shops—									
Air brake inspector	m	h	.23½	-------	-------	10	60	9⅕%	-------
Bench carpenters	m	h	.29	-------	-------	10	60	9⅕%	-------
Blacksmiths	m	h	.33	-------	.22	10	60	9⅕%	-------
Blacksmith helpers	m	h	.19½	-------	-------	10	60	9⅕%	-------
Car cleaners	m	h	.17	-------	-------	10	60	9⅕%	-------
Car inspectors	m	h	.23	-------	-------	10	60	9⅕%	-------
Car machinists	m	h	.27	-------	.17	10	60	9⅕%	-------
Car oilers	m	h	.20	-------	-------	10	60	9⅕%	-------
Coach painters	m	h	.30½	-------	.26	10	60	9⅕%	-------
Freight car carpenters	m	h	.24½	-------	.23	10	60	9⅕%	-------
Freight car painters	m	h	.21	-------	-------	10	60	9⅕%	-------
Laborers	m	h	.16	-------	-------	10	60	9⅕%	-------
Millmen	m	h	.23½	-------	.21	10	60	9⅕%	-------
Painters' helpers	m	h	.21½	-------	.19½	10	60	9⅕%	-------
Pass. car carpenter	m	h	.29½	-------	-------	10	60	9⅕%	-------
Pass. car trimmers	m	h	.25½	-------	-------	10	60	9⅕%	-------
Tinners	m	h	.31½	-------	.29	10	60	9⅕%	-------
Track repair men	m	h	.18	-------	-------	10	60	9⅕%	-------
Track repair helpers	m	h	.18	-------	-------	10	60	9⅕%	-------
Rug and Carpet Mfg.—									
Blacksmith	m	w	15.00	-------	-------	10	60	n	n
Bookkeeper	m	w	20.00	-------	-------	10	60	n	n
Clerk	f	w	8.00	-------	-------	10	60	n	n
Engineer	m	w	12.00	-------	-------	10	60	n	n
Foreman	m	w	20.00	-------	-------	10	60	n	n
Machinist	m	w	18.00	-------	-------	10	60	n	n
Salesmen	m	w	20.00	-------	-------	10	60	n	n
Shipping clerk	m	w	18.00	-------	-------	10	60	n	n
Stenographer	f	w	7.00	-------	-------	10	60	n	n
Wood workers	m	w	15.00	-------	-------	10	60	n	n
Sash and Door Mfg.—									
Carpenters	m	h	.26	.25	.22½	10	60	n	n
Checkers	m	h	.20½	.20	.17½	10	60	10%	-------
Glaziers	m	h	.22½	.15	.12½	10	60	n	n
Packers	m	h	.18½	.16	.15	10	60	10%	-------
Shipper	m	m	60.00	-------	-------	10	60	n	n
Shipper helpers	m	w	13.50	12.00	12.50	10	60	10%	-------
Truckers	m	h	.15	-------	-------	10	60	10%	-------
Warehousemen	m	h	.15	-------	-------	10	60	10%	-------
Watchman	m	m	50.00	-------	-------	12	84	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

SCOTT COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Sash, Doors, Mouldings and Interior Finish Mfg.—									
Carpenters	m	h	.35	.27	.25	9	54	n	n
Glaziers	m	h	.30	-------	.27	9	54	n	n
Laborers	m	h	.18½	.16½	.11	9	54	n	n
Machine hands	m	h	.27	.25	.18 1-3	9	54	n	n
Packers	m	h	.19 4-9	.18½	.16 2-3	9	54	n	n
Slaughtering of Cattle, Hogs and Sheep—									
Butcher	m	w	25.00	-------	-------	10	60	-------	-------
Butcher helpers	m	w	15.00	12.50	10.00	10	60	-------	-------
Teamsters	m	w	16.00	-------	-------	10	60	-------	-------
Steel Car and Railway Specialties Mfg.—									
Blacksmith	m	h	.32	.27	.25	10	59	10%	-------
Blacksmith helpers	m	h	.17	-------	-------	10	59	-------	-------
Carpenters	m	h	.30	.27	.25	10	59	10%	-------
Common labor	m	h	.20	.17	.15	10	59	-------	-------
Machinists	m	h	.36	.28	.25	10	59	10%	-------
Machine operators	m	h	.30	.25	.18	10	59	-------	-------
Machine helpers	m	h	.27	.22½	.14	10	59	-------	-------
Patternmakers	m	h	.28	.25	.22	10	59	-------	-------
Street Railway—									
Car house shop	m	h	.20	.19	.10	10	60	n	n
Factory	m	h	.30	.25	.17½	10	60	n	n
Linemen	m	h	.30	-------	-------	10	60	n	n
Trackmen	m	h	.20	.19	-------	10	60	n	n
Trainmen	m	h	.25	.21	.20	10	60	n	n
Telephone Exchange—									
Cashier	f	m	75.00	-------	40.00	9	54	n	n
Chief operators	f	m	45.00	-------	32.50	9	54	n	n
Clerks	f	m	30.00	-------	25.00	9	54	n	n
Collectors	m	m	60.00	-------	45.50	9	54	20%	-------
Foreman	m	m	80.00	-------	-------	9	54	n	n
Groundmen	m	d	2.00	-------	1.75	9	54	n	n
Janitor	m	m	45.00	-------	-------	9	54	12½%	-------
Linemen	m	d	3.00	-------	2.00	9	54	n	n
Manager	m	m	125.00	-------	-------	9	54	n	n
Operators	f	m	30.00	-------	24.00	9	54	n	n
Solicitors	m	m	75.00	-------	60.00	9	54	n	n
Teamster	m	m	65.00	-------	-------	9	54	n	n
Wagon and Carriage Mfg.—									
Blacksmiths	m	h	.30	-------	.25	10	60	n	n
Blacksmith helpers	m	h	.20	.17½	.15	10	60	n	n
Body maker	m	h	.27½	-------	-------	10	60	n	n
Janitor	m	h	.15	-------	-------	10	60	n	n
Machinist	m	h	.35	-------	-------	10	60	n	n
Machinist helper	m	h	.22½	.20	.15	10	60	n	n
Trimmers	m	h	.25	-------	.20	10	60	n	n
Wheelwright	m	h	.22½	-------	-------	10	60	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

SCOTT COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Washing Machine Mfg.—									
Assemblers	m	h	.20	.17½	.15	10	60	31-3%	
Helpers	m	h	.25	.15	.07½	10	60	5%	
Iron workers	m	h	.21	.15 2-3	.10	10	60	10%	
Machinists	m	h	.40	.32½	.27½	10	60	5%	
Painters	m	h	.17½	.15	.15	10	60	10%	
Printer	m	w	12.00		12.00	8½	51		
Stenographer	f	w	12.00	9.00	6.00	8½	51	11%	
Traveling men	m	m	125.00	100.00	75.00	n	n		
Wood workers	m	h	.18½	.16 2-3	.12½	10	60	10%	
Washing Machine Mfg.—									
Common labor	m	h	.15			10	60	22½%	
Fireman	m	h	.23 1-3			10	60		
Foreman	m	h	.25			10	60		
Machine hands	m	h	.25			10	60		
Patternmaker	m	h	.30			10	60		
Teamsters	m	h	.20			10	60	13 2-3%	
Woodturners	m	h	.22½			10	60		
Water Supply—									
Engineers	m	m	100.00	75.00	60.00	8	48		
Filterman	m	m	55.00			8	48	10%	
Firemen	m	m	55.00	50.00	45.00	8	48	10%	
Metermen	m	d	2.25	2.00	1.50	10	60		
Street laborers	m	d	2.75	2.00	1.75	10	60		
Teamsters	m	m	50.00		45.00	10	60	11%	
Wholesale Bakery—									
Barn men	m	w	12.00		11.00	10	60	n	n
Bench hands	m	w	14.00		13.00	10	60	n	n
Bookkeeper	f	w	9.00			n	n	n	n
Clerk	f	w	6.00		5.00	n	n	n	n
Drivers	m	w	15.00	13.00	12.00	10	60	n	n
Foreman of shop	m	w	23.00		22.00	10	60	n	n
Oven men	m	w	18.00	17.00	15.00	10	60	n	n
Unskilled labor	m	w	12.00		11.00	10	60	n	n
Wholesale Dry Goods—									
Office employes	m	w	20.00	10.00	8.00	9	54	10%	
Packers	m	w	12.00			9	54	n	n
Salesmen	m	w	18.00	12.00	7.50	9	54	10%	
Shippers	m	w	12.00			9	54	n	n
Stenographer	f	w	6.00			9	54	n	n
Stock keepers	m	w	18.00	10.00	8.00	9	54	10%	
Wholesale Grocery—									
Clerks	m	w	27.00	16.00	8.00	10	60	n	n
Salesmen	m	m	125.00	80.00	65.00	n	n	n	n
Shipping, porters, etc.	m	w	15.00	12.00	9.00	10	60	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

SCOTT COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Wholesale Hardware—									
Apprentices	m	m	20.00		16.00	10	60		
Assistant bookkeeper	f	m	50.00			9	54		
Cashier	f	m	50.00			9	54		
Elevator operators	m	m	20.00		16.00	10	60		
Janitor	m	m	20.00		20.00	10	60		8
President and treasurer	m	m	166.66			n	n		
Price clerk	m	m	60.00			10	60		
Salesmen	m	m	70.00		40.00	10	60		
Secretary and manager	m	m	166.66			n	n		
Shipping clerk	m	m	70.00		45.00	10	60		
Stenographers	f	m	35.00		30.00	9	54		
Vice-President	m	m	166.66			n	n		
Wholesale Liquors—									
Clerk	m	w	12.00			10	60	n	n
Driver	m	w	10.00			10	60	n	n
Salesman	m	m	85.00			10	60	n	n
Wholesale Oil—									
Cooper	m	m	50.00		50.00	n	n	n	n
Drivers	m	m	60.00	60.00	50.00	n	n	n	n
Office clerks	m	m	112.50	70.00	55.00	n	n	n	n
Office clerks	f	m	50.00	50.00	50.00	n	n	n	n
Superintendent	m	m	80.00		80.00	n	n	n	n
Traveling salesmen	m	m	125.00	90.00	80.00	n	n	n	n

STORY COUNTY.

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Electric Light and Water Works—									
Bookkeeper	f	m	40.00			9½	57		
Electrician	m	h	.30		.25	10	60		
Engineer	m	m	65.00			9½	57		
Fireman	m	m	65.00			12	84		
Newspaper Publishing—									
Printers	m	w	12.00	6.00	4.00	9	54	n	n
Printers	f	w	6.00		5.00	9	54	n	n
Reporters	m	w	12.00		12.00	9	54	n	n
Solicitors	m	w	15.00		12.00	9	54	n	n
Telephone Exchange—									
Groundmen	m	d	2.00			9	54	n	n
Linemen	m	d	2.50	2.25	2.00	9	54	n	n
Managers	m	m	65.00		60.00	9	54	8 1-3%	
Operators	f	m	25.00		20.00	9	54	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

TAMA COUNTY.

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Brick and Tile Mfg.—									
Common labor	m	d	1.75		1.50	10	60	n	n
Engineer	m	d	2.00			10	60	n	n
Interurban Ry., Light and Power Mfg.—									
Chief engineer	m	m	75.00			12	84	15%	
Clerk	m	m	35.00			10	60	16 2-3%	
Conductors	m	m	25.00			9	63	10%	
Electrician	m	h	.30		.20	10	60	10%	
Engineer	m	m	55.00			10	70	10%	
Firemen	m	m	50.00			12	84	10%	
General manager	m	m	100.00			n	n	n	n
Motormen	m	m	45.00			9	54	10%	
Secretary	m	m	70.00			n	n	n	n
Superintendent	m	m	75.00			10	60	15%	
Ticket agent	m	m	75.00			12	84	15%	
Trackmen	m	h	.20	.17½	.15	10	60	15%	

UNION COUNTY.

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Hotel—									
Bell boys, day	m	m	20.00		[illegible]	12	84	n	n
Bell boys, night	m	m	20.00		15.00	12	84	n	n
Cashier	f	m	12.00			8	56	n	n
Chambermaids	f	m	18.00		15.00	8	56	n	n
Clerk, day	m	m	45.00			12	84	n	n
Clerk, night	m	m	30.00			12	84	n	n
Cook, first	m	m	65.00			8	56	n	n
Cook, second	f	m	20.00			8	56	n	n
Cook, pastry	f	m	30.00			8	56	n	n
Cook, helpers	f	m	15.00			8	56	n	n
Dishwashers	f	m	12.00		8.00	8	56	n	n
Extra help	f	m	15.00		14.00	8	56	n	n
Head waitress	f	m	20.00			8	56	n	n
Laundry help	f	m	22.00	14.00	8.00	8	56	n	n
Pantry girl	f	m	14.00			8	56	n	n
Porters	m	m	15.00		15.00	12	84	n	n
Waitresses	f	m	15.00		12.00	8	56	n	n
Yardman	m	m	20.00			8	56	n	n
Laundry—									
Bookkeeper	f	w	10.00			10	60		
Drivers	m	w	12.00		8.00	10	60		
Ironers	f	w	6.00	5.00	3.50	9	54		
Mangle and starchers	f	w	4.00		4.00	9	54		
Markers and sorters	f	w	6.00		5.00	9	54		
Pollishers	m	w	12.00			9	54		
Washer	m	w	15.00			10	60		
Newspaper Publishing—									
Devil	m	w	5.00			9	54	n	n
Linotype operators	m	w	18.00		18.00	9	54	n	n
Linotype operators	f	w	12.00		4.00	9	54	n	n
Pressmen	m	w	11.00		11.00	9	54	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

UNION COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Newspaper Publishing and Job Work—									
Apprentice	m	w	2.50			9	54	n	n
Bookkeeper	f	w	6.00			9	54	n	n
City editor	m	w	12.00			9	54	n	n
Foreman and jobman	m	w	15.00			9	54	n	n
Make-up man	m	w	11.00		11.00	9	54	n	n
Operators	m	w	15.00			9	54	n	n
Operators	f	w	10.00			9	54	n	n
Pressmen	m	w	5.00			9	54	n	n
Solicitors	m	w	25.00			9	54	n	n
Railroad Repair Shops—									
Blacksmiths	m	h	.37		.16½	9	54	9%	
Boilermakers	m	h	.37		.12	9	54	9%	
Coppersmith	m	h	.30½			9	54	9%	
Loco. carpenters	m	h	.24½		.22½	9	54	9%	
Machinists	m	h	.37		.10	9	54	9%	
Machinist helpers	m	h	.18		.16½	9	54	9%	
Painters	m	h	.22½		.20	9	54	12½%	
Salaried men	m	m	135.00		90.00	9	54	15%	
Special men	m	h	.22		.17	9	54	10%	
Stationary engineer	m	h	.19			9	54	9%	
Sheet Metal and Mfg.—									
Cornice makers and roofers	m	h	.50	.30	.25	10	60	n	n
Helpers	m	w	3.00			10	60	n	n
Tinners	m	d	1.75		1.25	10	60	n	n
Telephone Exchange—									
Linemen	m	d	2.25		1.75	9	54	n	n
Manager	m	m	50.00			9	54	n	n
Operators	f	m	20.00		12.00	9	54	n	n

VAN BUREN COUNTY.

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Woolen Mill and Clothing Mfg.—									
Block cutters	m	h	.20		.12½	10	60		
Cardroom foreman	m	h	.22½			10	60	12½%	
Card tenders	m	h	.07½			10	60	25%	
Dyer and finisher	m	h	.22½			10	60	12½%	
Engineer and fireman	m	h	.20			10	60		
Finishing room hands	m	h	.13½		.12½	10	60	10%	
Pants factory foreman	m	w	25.00			10	60		
Piece workers	f	h	.15		.08	10	60		
Pressers	m	h	.17½		.12½	10	60		
Seamstresses	f	h	.15		.06	10	60	10%	
Spinners	m	h	.15			10	60		
Spoolers and burlers	f	h	.09	.08	.06	10	60		
Warper	m	h	.15			10	60		
Weavers	m	h	.17½			10	60		
Weaveroom foreman	m	h	.20½			10	60	12½%	
Tailors	m	h	.30			10	60		

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

WAPELLO COUNTY.

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Carpenters' Tools Mfg.—									
Machinists	m	h	.36 1-9	.33 1-3	.27	10	60	n	n
Other help	m	h	.19 4-9	.08 1-3	.05 5-9	10	60	n	n
Cigar Mfg.—									
Cigarmakers (m)	m	------	2.90	1.75	1.25	8	48	n	n
Strippers	m	w	3.50	3.30	3.00	8	48	n	n
Cigar Mfg.—									
Cigarmakers (c)	m	------	.40	.35	.30	10	60	------	------
Cigarmakers (c)	f	------	.40	.35	.30	10	60	------	------
Packers	f	w	9.00	------	5.00	10	60	------	------
Strippers (lb)	f	------	.03	.02	.01	10	60	------	------
Coal Mining Tool Mfg.—									
Blacksmiths	m	d	2.50	------	------	9	54	------	------
Blacksmith helpers	m	d	1.75	------	------	9	54	------	------
Engineer	m	d	2.10	------	------	9	54	------	------
Foreman	m	d	2.25	------	------	9	54	------	------
Handy men	m	d	2.00	1.90	1.65	9	54	------	------
Laborers	m	d	1.50	------	------	9	54	------	------
Machinists	m	d	3.18	------	------	9	54	------	------
Overall workers	f	d	1.50	------	1.00	9	54	------	------
Press workers	f	d	1.00	------	1.00	9	54	------	------
Shipping clerk	m	m	70.00	------	------	9	54	------	------
Solderers	m	d	2.00	------	1.00	9	54	------	------
Confectionery Mfg.—									
Candy makers	m	w	18.00	15.00	8.00	10	60	29%	------
Chocolate dippers	f	w	8.50	5.00	3.00	10	60	n	n
Choc. dipper forelady	f	w	7.00	------	4.00	10	60	n	n
Cream dippers	f	w	6.00	4.00	3.50	10	60	n	n
Foreman candy maker	m	w	18.00	------	16.00	10	60	n	n
Helpers	m	w	5.50	4.00	3.00	10	60	n	n
Packers	f	w	5.00	------	4.00	10	60	n	n
Shipping clerk	m	w	13.50	------	8.00	10	60	n	n
Contracting and Mill Work—									
Carpenters and laborers	m	h	.35	.27½	.25	9	54	n	n
Mason labor	m	h	.65	.62½	.25	8	48	n	n
Mill labor in mill	m	h	.32½	.16 2-3	.11 1-9	9	54	n	n
Hay Machinery Mfg.—									
Blacksmiths	m	d	2.75	2.50	2.00	10	60	n	n
Blacksmith helpers	m	d	2.00	1.85	1.50	10	60	n	n
Coremakers	m	d	2.50	1.75	1.60	10	60	n	n
Engineer and fireman	m	d	2.00	------	1.70	10	60	n	n
Foreman	m	d	3.50	2.50	2.00	10	60	n	n
Laborers	m	d	2.75	2.50	3.00	10	60	n	n
Machinists	m	d	2.75	2.50	2.00	10	60	n	n
Machinist helpers	m	d	1.75	1.60	1.50	10	60	n	n
Moulders	m	d	3.00	2.85	2.75	10	60	n	n
Painters	m	d	2.20	2.00	1.85	10	60	n	n
Teamsters	m	d	2.00	------	1.60	10	60	n	n
Wood workers	m	d	2.50	2.00	1.85	10	60	n	n

(c) Per hundred.
(lb) Per pound.
(m) Per thousand.
(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

WAPELLO COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Launderers, Dyers and Cleaners—									
City man	m	w	20.00	------	------	9½	57	n	n
Collar workers	f	w	7.00	6.00	5.00	9½	57	n	n
Engineer and fireman	m	w	15.00	------	13.00	9½	57	n	n
Foreman	m	w	25.00	------	------	9½	57	n	n
Mangler	f	w	8.00	6.00	5.00	9½	57	n	n
Marking and sorting	m f	w	18.00	7.00	6.00	9½	57	n	n
Office help	f	w	12.00	7.00	5.00	9½	57	n	n
Porter	m	w	9.00	------	------	9½	57	n	n
Shipper	m	w	15.00	------	------	9½	57	n	n
Shirt ironers	f	w	7.00	------	6.00	9½	57	n	n
Starch clothes ironers	f	w	9.00	8.00	6.00	9½	57	n	n
Starchers	f	w	7.00	------	6.00	9½	57	n	n
Wagon men	m	w	15.00	13.00	10.00	9½	57	n	n
Wash room	m	w	15.00	13.00	11.50	9½	57	n	n
Machinery and Sheet Metal Mfg.—									
Apprentices	m	h	.20	.10	.05	10	60	n	n
Blacksmiths	m	h	.30	.27½	.20	10	60	n	n
Common labor	m	h	.20	.17½	.15	10	60	5%	------
Experienced labor	m	h	.30	.25	.20	10	60	5%	------
Foundry	m	h	.34	.25	.17½	10	60	n	n
Helpers	m	h	.20	.18½	.17½	10	60	10%	------
Machinists	m	h	.35	.32	.31½	10	60	10%	------
Pork and Beef Packing—									
Blacksmiths	m	h	.30	------	.27½	10	60	------	------
Boilermakers	m	h	.28½	------	.20	10	60	------	------
Butchers	m	h	.32½	.25	.17½	10	60	5%	------
Carpenters	m	h	.25	.20	.17½	10	60	------	------
Car repairers	m	h	.25	.21½	.17½	10	60	n	n
Cellar men	m	h	.25	.21½	.17½	10	60	------	------
Coopers	m	h	.31½	.25	.20	10	60	5%	------
Door men	m	h	.12½	------	.10	10	60	------	------
Electricians	m	h	.27½	.22½	.20	10	60	------	------
Engineers, stationary	m	h	.22½	.20	.17½	12	72	------	------
Engineers, locomotive	m	h	.25	------	------	10	60	------	------
Fireman, stationary	m	h	.25	.20	.17½	12	72	------	------
Fireman, locomotive	m	h	.20	------	------	10	60	------	------
Gut pullers	m	h	.22½	------	.20	10	60	------	------
Janitors	m	h	.17½	.15	.12½	10	60	------	------
Labellers	f	w	5.00	------	5.00	10	60	------	------
Laborers	m	h	.22½	.20	.17½	10	60	------	------
Pipe fitters	m	h	.27½	.22½	.17½	10	60	------	------
Sausage makers	m	h	.20	.20	.15	10	60	------	------
Sausage makers	f	h	.17½	.12½	.15	10	------	------	------
Scalders	m	h	.30	.25	.17½	10	60	------	------
Switchmen	m	h	.22½	------	.20	10	60	------	------
Teamsters	m	h	.22½	.20	.17½	10	60	------	------
Trimmers	m	h	5.00	------	4.00	10	60	------	------

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

WAPELLO COUNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Poultry, Butter and Eggs—									
Candling	m	h	.17½	.....	.15	10	60	n	n
Clerk	m	w	14.00	.....	.....	10	60	n	n
Feeder	m	h	.25	.17½	.15	10	60	n	n
Foreman	m	w	15.00	.....	.....	10	60	n	n
Manager	m	w	25.00	.....	.....	10	60	n	n
Miscellaneous	m	h	.17½	.....	.15	10	60	n	n
Packers	m	h	.25	.17½	.15	10	60	n	n
Pickers	m f	h	.25	.....	.17½	10	60	n	n
Recording clerk	m	h	.20	.....	.17½	10	60	n	n
Publishing Newspaper—									
Business department	m	w	35.00	.....	7.00	8	48	n	n
Business department	f	w	12.00	.....	.....	8	48	n	n
Composing room	m	w	21.00	.....	17.50	8	48	10%	.....
Editorial	m	w	20.00	.....	7.00	8	48	n	n
Editorial	f	w	10.00	.....	6.00	8	48	n	n
Press room	m	w	19.50	.....	17.50	8	48	10%	.....
Railroad Repair Shops—									
Blacksmith	m	h	.37	.....	.37	10	70	8%	.....
Blacksmith helper	m	h	.22½	.....	.22½	10	70	11%	.....
Boilermakers	m	h	.37	.37	.37	10	70	8%	.....
Boilermaker helpers	m	h	.17½	.....	.17½	10	70	9%	.....
Boiler washers	m	h	.17½	.....	.17½	10	70	7%	.....
Caller	m	m	30.00	.....	30.00	10	70	n	n
Car cleaners	m	h	.19	.....	.17½	10	70	8%	.....
Car inspectors	m	h	.19	.....	.19	11	77	8%	.....
Carpenters	m	h	.30	.....	.30	10	70	8%	.....
Car repairman	m	h	.21	.....	.19	10	70	6%	.....
Fire builder	m	h	.17½	.....	.17½	10	70	9%	.....
Fire cleaner	m	h	.16½	.....	.16½	10	70	9%	.....
Fuel man (t)	m	.....	.09	.....	.09	10	70	n	n
Turntable operator	m	h	.14½	.....	.14½	10	70	9%	.....
Tinsmith	m	h	.25	.....	.25	10	70	10%	.....
Stationary firemen	m	h	.16	.....	.16	10	70	6%	.....
Salaried men	m	m	125.00	100.00	90.00	10	70	8%	.....
Roundhouse laborers	m	h	.16	.....	.14½	10	70	15%	.....
Machinists' helpers	m	h	.22	.21	.17½	10	70	8%	.....
Machinists	m	h	.37	.37	.37	10	70	12%	.....
Janitor	m	h	.16	.....	.16	12	84	8%	.....
Inspectors	m	h	.22½	.22	.17½	10	70	20%	.....
Hostlers	w	h	.22	.....	.22	10	70	7%	.....
Rock Drill Mfg.—									
Blacksmiths	m	d	2.75	2.50	2.00	9	54	.....	.....
Blacksmith helpers	m	d	2.00	1.75	1.75	9	54	.....	.....
Engineer	m	w	14.50	12.50	12.50	9	54	.....	.....
Handy men	m	d	2.50	2.00	1.75	9	54	.....	.....
Laborers	m	d	1.75	1.50	1.50	9	54	.....	.....
Machinists	m	d	3.00	2.75	2.50	9	54	.....	.....
Machinist apprentices	m	d	1.25	1.00	1.00	9	54	.....	.....

(t) Per ton.
(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

WAPELLO COUNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Telephone Exchange—									
Chief operator	f	m	35.00	.....	.....	9	54	n	n
Clerk	f	m	27.50	.....	.....	9	54	n	n
Collector	m	m	40.00	.....	.....	9	54	n	n
Foreman	m	m	75.00	.....	.....	9	54	n	n
Groundman	m	d	2.00	.....	.....	9	54	n	n
Linemen	m	d	2.75	.....	2.50	9	54	n	n
Manager	m	m	75.00	.....	.....	9	54	n	n
Operators	f	m	27.50	.....	17.50	9	54	n	n
Solicitors	m	d	2.00	.....	.....	9	54	n	n
Wholesale Drugs—									
Clerks	f	w	15.00	10.00	7.50	9	51	n	n
Clerks	m	w	16.00	12.00	4.50	10	57	n	n
Managers	m	m	112.50	104.16	75.00	10	60	n	n
Traveling salesmen	m	m	150.00	112.50	75.00	n	n	n	n
Wholesale Grocery—									
Billing clerk	m	m	50.00	.....	50.00	9½	57	10%	.....
Billing clerk	f	m	40.00	.....	40.00	9½	57	n	n
Bookkeepers	m	m	75.00	.....	40.00	9½	57	n	n
Buyers	m	m	125.00	.....	100.00	9	54	16 2-3%	.....
Clerk	m	m	75.00	.....	35.00	10	57	15%	.....
Managers	m	m	125.00	.....	100.00	9	54	16 2-3%	.....
Stenographers	f	m	50.00	.....	40.00	9	54	n	n
Porters	m	w	12.50	.....	9.00	10	57	10%	.....
Wholesale Hardware—									
Bookkeepers	m	m	125.00	.....	65.00	9	54	n	n
Clerks	m	m	90.00	60.00	45.00	9	54	n	n
Packers	m	w	11.00	9.00	7.00	9	54	n	n
Shippers	m	w	12.00	.....	11.00	9	54	n	n
Stenographers	f	w	12.50	.....	.....	9	54	n	n
Stock men	m	w	11.00	.....	9.00	9	54	n	n
Superintendents	m	m	90.00	.....	70.00	9	54	n	n
Tinners	m	h	.30	.....	.30	9	54	n	n
Wholesale Oils—									
Drivers	m	m	50.00	50.00	45.00	n	n	n	n
Office clerks	f	m	40.00	40.00	40.00	n	n	n	n
Salesmen	m	m	100.00	100.00	100.00	n	n	n	n
Warehousemen	m	m	55.00	50.00	40.00	n	n	n	n

WARREN COUNTY.

Telephone Exchange—									
Linemen	m	d	2.00	.....	.....	9	54	n	n
Manager	m	m	55.00	.....	.....	9	54	n	n
Operators	f	m	25.00	.....	14.50	9	54	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

WASHINGTON COUNTY.

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Brick and Tile Mfg.—									
Common labor	m	d	1.75	-------	-------	10	60	n	n
Engineer	m	d	2.00	-------	-------	10	60	n	n
Fireman	m	d	1.75	-------	-------	12	84	n	n
Brick and Tile Mfg.—									
Boys	m	d	.75	-------	.75	10	60	n	n
Engineer	m	d	1.75	-------	-------	10	60	n	n
Kiln burners	m	d	1.75	-------	-------	10	60	n	n
Laborers	m	d	1.50	-------	-------	10	60	n	n
Carriage, Sleigh and Harness Mfg.—									
Blacksmiths	m	h	.25	-------	.15	10	60	n	n
Painters	m	h	.25	-------	.15	10	60	n	n
Trimmers	m	h	.25	-------	.15	10	60	n	n
Wood workers	m	h	.25	-------	.15	10	60	n	n

WEBSTER COUNTY.

Butter Tub and Barrel Mfg.—									
Barrel makers	m	d	3.00	2.00	1.00	10	60	n	n
Butter tub makers	m	d	4.00	2.00	.50	10	60	n	n
Clothing and Tailoring—									
Salesmen	m	m	100.00	-------	50.00	10	60	n	n
Stenographer	f	m	35.00	-------	-------	10	60	n	n
Hotel—									
Chambermaids	f	m	17.00	-------	-------	10	60	-------	-------
Chef	m	m	75.00	-------	-------	10	60	-------	-------
Clerks	m	m	35.00	-------	30.00	10	60	-------	-------
Cook	m	m	28.00	-------	-------	10	60	-------	-------
Dishwasher	f	m	17.00	-------	-------	10	60	-------	-------
Housekeeper	f	m	21.00	-------	-------	10	60	-------	-------
Pastry cook	f	m	40.00	-------	-------	10	60	-------	-------
Porters	m	m	30.00	-------	15.00	10	60	-------	-------
Laundry, Pressing and Dyeing—									
Beginners	f	w	5.00	-------	-------	10	60	n	n
Drivers	m	w	12.00	-------	-------	10	60	n	n
Dyer and cleaner	m	w	18.00	-------	-------	10	60	n	n
Fireman	m	w	15.00	-------	-------	10	60	n	n
Foreman	m	w	13.00	-------	-------	10	60	n	n
Ironers	f	w	8.00	-------	-------	10	60	n	n
Markers	f	w	10.00	9.00	8.00	10	60	n	n
Office help	f	w	8.00	-------	8.00	10	60	n	n
Pressers	m	h	.25	-------	.25	10	60	n	n
Washman	m	w	13.00	-------	-------	10	60	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

WEBSTER COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Office Furniture Mfg.—									
Cabinet men	m	h	.35	.25	.15	10	60	-------	-------
Laborers and helpers	m	h	.22½	-------	.15	10	60	-------	-------
Machine men	m	h	.40	.27½	.20	10	60	-------	-------
Plaster Mfg.—									
Clerks	m	m	100.00	75.00	50.00	10	60	20%	-------
Foreman	m	m	100.00	95.00	90.00	12	72	n	n
Millmen	m	h	.30	.23	.17½	12	72	n	n
Miners	m	h	.35	.32½	.30	8	48	n	n
Railroad Repair Shop—									
Blacksmiths	m	h	.38½	-------	-------	10	70	-------	-------
Boilermakers	m	h	.38½	-------	.35	9	60	10%	-------
Boiler washer	m	h	.18½	-------	-------	10	70	-------	-------
Car inspection	m	m	62.50	-------	57.50	10	70	8%	-------
Car repairers	m	m	57.50	-------	52.50	10	70	9%	-------
General helpers	m	h	.20	-------	-------	10	60	n	n
Hostlers	m	d	2.50	-------	2.35	10	70	7%	-------
Laborers	m	h	.16½	-------	.15½	10	70	-------	-------
Machinists	m	h	.38½	-------	.35	9	60	10%	-------
Telephone Exchange—									
Groundmen	m	d	2.00	-------	-------	9	54	n	n
Linemen	m	d	2.65	-------	2.00	9	54	n	n
Manager	m	m	75.00	-------	-------	9	54	n	n
Operators	f	m	30.00	-------	22.50	9	54	n	n
Solicitor	m	d	2.00	-------	-------	9	54	n	n

WINNESHIEK COUNTY.

Electric Light and Power—									
Bookkeeper	f	m	35.00	-------	-------	8	48	-------	-------
Electrician	m	m	60.00	-------	-------	10	60	-------	-------
Engineer	m	m	50.00	-------	-------	10	70	-------	-------
Firemen	m	m	40.00	-------	-------	10	70	-------	-------
Manager	m	m	150.00	-------	-------	10	60	-------	-------
Secretary and solicitor	m	m	85.00	-------	-------	10	60	-------	-------
Printing and Publishing—									
Composition room	m	w	12.00	-------	11.00	9	54	n	n
Machine operators	m	w	14.00	-------	14.00	9	54	-------	-------
Pressfeeders	m	w	9.00	-------	9.00	9	54	-------	-------
Stenographer	f	w	4.50	-------	4.50	8	48	-------	-------
Sash, Door and Interior Finishing Mfg.—									
Cabinet makers	m	d	3.00	2.50	2.25	10	60	-------	-------
Machine men	m	d	2.75	2.25	2.00	10	60	-------	-------

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

WOODBURY COUNTY.

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Agricultural Implement Mfg.—									
Bookkeeper	m	w	100.00			n	n	n	n
Salesmen	m	w	60.00			10	60	n	n
Stenographer	m	w	40.00			10	60	n	n
Warehousemen	m	w	55.00		40.00	10	60	10%	
Bakery Goods and Ice Cream Mfg.—									
Stenographers	f	w	10.00			10	60	10%	
Helpers	m	w	12.00			10	60	10%	
Foremen	m	w	22.00		19.00	10	60	10%	
Drivers	m	w	12.00			10	60	12½	
Drivers	m	w	14.00			10	60	15%	
Clerks	f	w	8.00		7.00	10	60	8%	
Can washers	m	w	12.00			10	60	10%	
Bookkeeper	f	w	10.00			10	60	5%	
Bookkeeper	m	w	18.00			10	60	20%	
Bakery Goods—									
Bakers	m	w	20.00	14.00	3.00	10	60	10%	
Drivers	m	w	14.00	13.00	12.00	10	60	10%	
Helpers	m	w	16.00	14.00	3.00	10	60	10%	
Brick Mfg.—									
Burners	m	d	2.50	2.25	2.00	10	60	n	n
Clay pit men	m	d	2.00	1.90	1.75	10	60	n	n
Foreman	m	d	2.50		2.50	10	60	n	n
Loaders (m)	m		.35	.35	.30	10	60	n	n
Machine men	m	d	2.00		2.00	10	60	n	n
Setters (m)	m		.45	.45	.42	10	60	n	n
Truckers	m	d	2.00	1.90	1.75	10	60	n	n
Cement Building Block Maufacturing—									
Bricklayers	m	w	22.00			10	60	83%	
Cement block maker	m	d	2.25		1.75	10	60	n	n
Cement finishing	m	w	24.00	20.00	18.00	10	60	n	n
Laborers	m	d	2.25		2.00	10	60	n	n
Lay out men	m	w	15.00			10	60	n	n
(m) Per thousand.									
Cigar Box Mfg.—									
Bookkeeper	f	w	8.00			9	54	n	n
Printer	m	w	16.00		15.00	10	60	n	n
Sawyer	m	w	12.00			10	60	n	n
Sorters	m	w	5.00		4.00	10	60	n	n
Department Store—									
Clerks	m	w	20.00	15.00	12.00	10	63		
Clerks	f	w	15.00	6.00	5.00	10	63		
Messengers	m	w	4.00	3.00	3.00	10	63		
Messengers	f	w	3.00	2.75	2.75	10	63		

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

WOODBRRY COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Department Store—									
Bookkeeper and cashier	f	w	20.00	10.00	5.00	9	57	n	n
Clerks	m	w	18.00	12.00	7.00	9	57	n	n
Clerks	f	w	18.00	8.00	5.00	9	57	n	n
Head of departments	m	w	35.00	25.00		9	57	n	n
Head of departments	f	w	25.00	17.00		9	57	n	n
Office force	m f	w	25.00	19.00	5.00	9	57	n	n
Teamsters	m	w	15.00	12.00	9.00	9	57	n	n
Flour and Feed Mfg.—									
Clerk	m	w	13.50			10	60	n	n
Engineer	m	w	15.00		13.50	12	72	n	n
Helpers	m	w	11.00		9.00	10	60	n	n
Millers	m	h	.25			9	54	n	n
Teamsters	m	w	13.50			10	60	n	n
Foundry and Mfg.—									
Apprentice	m	d	2.50	2.00	1.75	9	54	n	n
Boilermakers	m	d	3.50		3.50	9	54	n	n
Coremakers	m	d	2.25		2.25	9	54	n	n
Furnace mounters	m	d	2.25		2.25	9	54	n	n
Helpers	m	d	2.00	1.80	1.75	9	54	n	n
Moulders	m	d	3.00	2.75	2.25	9	54	n	n
Patternmakers	m	d	3.25		3.25	9	54	n	n
Heat, Light and Power—									
Bookkeeper	m	w	25.00			10	70	n	n
Clerks	f	w	60.00			10	70	n	n
Engineers	m	d	2.25			12	84	n	n
Foremen	m	d	2.78		2.50	10	70	n	n
Manager	m	m	235.50			10	70	n	n
Purchasing agent	m	m	75.00			10	70	n	n
Secretary and treasurer	m	m	125.00			10	70	n	n
Stenographers	f	m	40.00		30.00	10	70	n	n
Storekeeper	m	m	60.00			10	60	n	n
Superintendent	m	m	125.00			10	70	n	n
Laundry—									
Bookkeeper	m	w	9.00			10	60	n	n
Bookkeeper	f	w	7.00			10	60	n	n
Drivers	m	w	12.00		9.00	10	60	n	n
Engineer	m	w	12.00			10	60	n	n
Sorters	m	w	15.00		12.00	10	60	n	n
Washer	m	w	18.00			10	60	n	n
Wringer	m	w	9.00			10	60	n	n
Laundry—									
Drivers	m	w	15.00		6.00	10	60		
Engineer	m	w	10.00			11	66		
Laundry girls	f	w	9.00		4.00	10	55		
Sorter	m	w	14.00			10	55		
Washman	m	w	15.00			10	55		
Laundry—									
Drivers	m	w	12.00		10.00	10	60	n	n
Engineers	m	w	15.00		12.00	10	60	n	n
Foreman	m	w	18.00		12.00	10	60	n	n
Ironers	f	w	6.00		5.00	10	50	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

WOODBURY COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Meat Packing—									
Beef luggers	m	w	16.00			10	60		
Blacksmiths	m	h	.30	.25	.25	10	60		
Boilermakers	m	h	.30			10	60		
Box makers	m	h	.25	.22	.20	10	60		
Bricklayers	m	h	.55			9	54		
Butchers	m	h	.50	.25	.20	10	60		
Can painters	f	h	.12		.10	10	60		
Carpenters	m	h	.25			10	60		
Casing workers	m	h	.25	.22	.20	10	60		
Coopers	m	h	.30			10	60		
Engineers	m	h	.27½	.25	.22½	12	84		
Firemen	m	h	.25			12	84		
Hide trimmers	m	h	.21		.19	10	60		
Inspectors	m	h	.25		.22½	10	60		
Laborers	m	h	.19	.18½	.17½	10	60		
Laborers	f	h	.12½		.10	10	60		
Lard refiners	m	h	.23½	.21	.20	10	60		
Machinists	m	h	.32½	.27½	.25	10	60		
Meat pilers	m	h	.20			10	60		
Sausage makers	m	h	.25	.22	.20	10	60		
Scalers and checkers	m	h	.25	.22½	.20	10	60		
Steamfitters	m	h	.35	.30	.27½	10	60		
Tank men	m	h	.25	.22½	.20	10	60		
Tinsmiths	m	h	.30		.27½	10	60		
Poultry Dressing—									
Dry pickers	m	d	4.50		2.00	10	60		
Laborers	m	d	2.50	2.00	2.00	10	60		
Scald pickers	m	d	2.50			10	60		
Printing—									
Engineer	m	w	15.00			8	48	n	n
Folders	m	w	12.00		6.00	8	48	n	n
Linotype operators	m	w	21.00		20.50	8	48	n	n
Machinists	m	w	21.00		20.50	8	58	n	n
Make-up men	m	w	17.50		16.75	8	48	n	n
Pressfeeder	m	w	12.00			8	48	n	n
Pressmen	m	w	20.00			8	48	n	n
Shipper	m	w	10.00			8	48	n	n
Stereotypers	m	w	25.00		12.00	8	48	n	n
Stereotyper apprentice	m	w	11.00			8	48	n	n
Printing and Blank Book Mfg.—									
Cutters	m	w	18.00			8	48	11%	
Folders	f	w	8.50	6.00	5.00	8	48	11%	
Forwarder and finisher	m	w	21.00			8	48	11%	
Job compositor	m	w	19.50		17.75	8	48	17%	
Pressfeeders	m	w	12.00	5.00	4.50	8	48	10%	
Pressmen	m	w	18.00			8	48	16%	
Ruler	m	w	19.00			8	48	11%	
Printers and Dealers in Printers Supplies—									
Linotype operators	m	w	21.00			8	48	n	n
Pressfeeders	m	w	12.00			8	48	n	n
Pressmen	m	w	20.00			8	48	n	n
Printers	m	w	17.50			8	48	n	n
Stereotypers	m	w	16.00			8	48	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

WOODBURY COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Publishing Newspaper—									
Job printers	m	w	18.00			8	48	3%	
Linotype operator	m	w	21.00			8	48	2½%	
Publishing Newspaper—									
Pressmen	m	w	25.00			9	54	n	n
Printers	m	w	24.00	22.50	18.00	8	48	n	n
Stereotypers	m	w	21.00			9	54	n	n
Railroad Repair Shop—									
Blackmiths	m	h	.42	.40	.39½	9	54	8%	
Blacksmith helpers	m	h	.26	.25	.22	9	54	12%	
Boilermakers	m	h	.41½		.38	9	54	9%	
Boilermaker helpers	m	h	.24		.20	9	54	n	n
Carpenters	m	h	.29½	.25	.22½	10	60	10%	
Coppersmith	m	h	.41	.37	.25	9	54	10%	
Laborers	m	h	.17½	.15	.15½	10	60	10%	
Machinists	m	h	.41	.40	.37	9	54	7½%	
Machinist helpers	m	h	.23½		.21½	9	54	11%	
Painters	m	h	.30½	.26½	.22	10	60	9%	
Tinsmiths	m	h	.29		.27	9	54	7%	
Railroad Repair Shop—									
Blacksmiths	m	h	.35	.19		9	54	n	n
Boilermakers	m	h	.39	.34	.18	9	54	n	n
Boiler washers	m	h	.18	.15	.15	10	60	n	n
Engine despatchers	m	h	.20			12	84	n	n
Laborers	m	h	.15		.13½	10	70	n	n
Machinists	m	h	.37		.18½	9	54	n	n
Tinsmith	m	h	.26			9	54	n	n
Saddlery and Harness Mfg.—									
Apprentices	m	w	6.00		3.00	10	60	n	n
Bookkeepers	m	w	150.00		65.00	10	60	n	n
Clerks	m	w	65.00		60.00	10	60	n	n
Cutters	m	w	18.00		15.00	10	60	n	n
Machine operators	m	w	15.00		12.00	10	60	n	n
Stenographer	f	w	7.00			10	60	n	n
Traveling salesmen	m	m	100.00		75.00	10	60	n	n
Sash and Door Mfg.—									
Cabinet makers	m	d	3.00	2.50	2.25	10	60	9%	
Carpenters	m	d	3.00	2.50	1.75	10	60	12½%	
Common laborers	m	d	2.00	1.75	1.75	10	60	15%	
Finishers	m	d	3.25	2.50	2.35	10	60	8%	
Machine men	m	d	3.00	2.50	2.25	10	60	12%	
Soap Mfg.—									
Engineer	m	m	75.00			10	60	n	n
Foreman	m	m	75.00			10	60	n	n
General labor	m	d	1.90		1.75	10	60	n	n
Helpers	f	d	1.00	.75	.60	9½	57	n	n
Laundry soap maker	m	m	125.00			10	60	n	n
Pressers	m	d	2.25	2.00	1.90	10	60	n	n
Toilet soap maker	m	d	2.00			10	60	n	n
Wrappers	f	d	1.00	.75	.60	9½	57	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

WOODBURY COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Street Railroad—									
Armature workers	m	m	90.00	-------	65.00	10	60	n	n
Blacksmiths	m	d	2.75	2.50	2.00	10	60	n	n
Bookkeepers	m	w	25.00	-------	-------	10	70	n	n
Carpenters	m	m	90.00	-------	-------	10	60	n	n
Clerks	f	m	60.00	-------	-------	10	70	n	n
Conductors	m	h	.21	.19	.18	11	77	5%	-------
Electrical workers	m	d	2.50	2.00	1.75	10	60	n	n
Engineers	m	m	150.00	-------	90.00	12	84	n	n
Firemen	m	d	2.75	-------	2.50	12	84	n	n
Foremen	m	m	125.00	83.33	60.00	10	60	n	n
Laborers	m	d	2.00	1.75	1.50	10	60	n	n
Lineman	m	m	90.00	-------	-------	10	60	n	n
Lineman helpers	m	d	2.50	2.00	1.75	10	60	n	n
Machinists	m	d	3.50	-------	1.25	10	60	n	n
Master mechanic	m	m	150.00	-------	-------	10	70	n	n
Motormen	m	h	.21	.19	.18	11	77	5%	-------
Painters	m	d	2.77	2.50	2.25	10	60	n	n
Purchasing agent	m	m	75.00	-------	-------	10	70	n	n
Special agent	m	m	150.00	-------	-------	10	60	n	n
Stenographers	f	m	40.00	-------	30.00	10	60	n	n
Storekeepers	m	m	60.00	-------	-------	10	60	n	n
Superintendents	m	m	125.00	-------	80.00	10	70	n	n
Telephone Exchange—									
Cable men	m	d	3.00	-------	-------	9	54	n	n
Cashier	m	m	75.00	-------	-------	9	54	n	n
Chief operators	f	m	40.00	-------	32.50	9	54	n	n
Clerks	f	m	50.00	-------	35.00	9	54	n	n
Collectors	m	m	40.00	-------	-------	9	54	n	n
Foremen	m	m	105.00	-------	80.00	9	54	n	n
Groundmen	m	d	2.00	-------	1.75	9	54	n	n
Linemen	m	d	2.75	-------	2.25	9	54	n	n
Manager	m	m	140.00	-------	-------	9	54	n	n
Operators	f	m	35.00	-------	24.00	9	54	n	n
Solicitors	m	d	2.50	-------	2.00	9	54	n	n
Teams	m	d	3.00	-------	-------	9	54	n	n
Wholesale Fruit and Candy Mfg.—									
Bookkeepers	f	m	75.00	-------	-------	10	60	n	n
Candy packers	m	m	40.00	-------	-------	10	60	n	n
Candy makers	m	m	60.00	-------	-------	10	60	n	n
Candy dippers	f	m	30.00	-------	-------	10	60	n	n
Candy wrappers	f	m	25.00	-------	-------	10	60	n	n
Cashier	m	m	125.00	-------	-------	10	60	n	n
Foreman	m	m	100.00	-------	-------	10	60	n	n
Office boy	m	m	25.00	-------	-------	10	60	n	n
Packers	m	m	50.00	-------	-------	10	60	n	n
Shipping clerk	m	m	75.00	-------	-------	10	60	n	n
Stenographer	f	m	50.00	-------	-------	10	60	n	n
Traveling salesmen	m	m	75.00	-------	-------	10	60	n	n
Truckers	m	m	40.00	-------	-------	10	60	n	n
Wholesale Fruits and Produce—									
Cashier	m	m	100.00	-------	-------	9	54	n	n
Clerks	f	m	65.00	-------	-------	9	54	21½%	-------
Credit clerks	m	m	125.00	-------	50.00	9	54	20%	-------
Stenographer	f	m	50.00	-------	-------	9	54	10%	-------
Traveling contractor	m	m	150.00	-------	-------	n	n	n	n
Traveling salesmen	m	m	150.00	100.00	75.00	n	n	n	n
Warehousemen	m	m	100.00	70.00	65.00	10	60	24%	-------

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

WOODBURY COUNTY—Continued

Kind of Business and Division of Occupation	Male [m] or Female [f]	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Wholesale Furniture and Undertaking Supplies—									
Bookkeeper	f	m	40.00	-------	-------	10	60	-------	-------
Driver	m	m	75.00	-------	-------	10	60	-------	-------
Shipping clerk	m	m	75.00	-------	-------	10	60	-------	-------
Traveling salesmen	m	m	125.00	-------	100.00	10	60	-------	-------
Wholesale Groceries—									
Department men	m	m	150.00	-------	83.33	10	60	n	n
Officers	m	m	300.00	-------	250.00	10	60	n	n
Office help	m f	m	125.00	-------	25.00	10	60	2½	-------
Salesmen	m	m	175.00	-------	60.00	10	60	8⅓	-------
Warehousemen	m	m	75.00	-------	40.00	10	60	8⅓	-------
Wholesale Groceries—									
Labelers	f	w	4.80	-------	-------	10	60	-------	-------
Office force	m	m	925.00	75.00	16.70	10	60	21⅓	-------
Traveling salesmen	m	m	175.00	100.00	50.00	n	n	2⅓	-------
Warehousemen	m	w	20.00	12.00	6.00	10	60	-------	-------
Wholesale Hardware—									
Blacksmith	m	w	18.00	-------	-------	10	60	n	n
Clerks	m	w	16.50	12.00	3.00	9	54	n	n
Foremen	m	w	20.00	19.00	18.00	10	60	n	n
Helper	m	w	12.00	-------	-------	10	60	n	n
Officers	m	m	125.00	-------	-------	9	54	n	n
Porters	m	w	15.00	10.00	6.50	10	60	n	n
Salesmen	m	m	110.00	100.00	85.00	n	n	n	n
Stenographers	f	w	14.00	12.00	10.00	9	54	n	n
Trim shop	m	w	15.00	9.00	5.00	10	60	n	n
Trim shop	f	w	9.00	-------	-------	10	60	n	n
Wholesale Hardware—									
Office help	m	m	137.50	45.00	15.00	9½	57	5%	-------
Office help	f	m	50.00	35.00	22.50	8½	51	5%	-------
Warehousemen	m	m	90.00	45.00	18.00	10	60	5%	-------
Wholesale Liquors—									
Bartenders	m	m	90.00	-------	60.00	8½	51	n	n
Bookkeeper	m	m	100.00	-------	-------	10	60	n	n
Firm members	m	m	100.00	-------	-------	10	60	n	n
Porters	m	m	50.00	-------	-------	10	60	n	n
Traveling men	m	m	75.00	-------	-------	10	60	n	n
Wholesale and Retail Liquor Dealer—									
Bartenders	m	w	32.00	-------	-------	10	60	n	n
Driver	m	w	14.00	-------	-------	10	60	n	n
Porter	m	w	12.00	-------	-------	10	60	n	n
Working men	m	w	12.00	-------	-------	10	60	n	n

(n) Not reported.

GRADED WAGES AND SALARIES WITH HOURS WORKED PER DAY AND WEEK, AND VARIATIONS IN RATE FOR 1907—CONTINUED.

WOODBURY COUNTY—Continued

Kind of Business and Division of Occupation	Male (m) or Female (f)	Rate Basis	Rate of Wages			Working Time		Change in Per Cent for Year Ending Dec. 31, 1907	
			Highest Rate	Medium Rate	Lowest Rate	Hrs. per Day	Hrs. per W'k	Increase	Decrease
Wholesale Liquors—									
Assistant manager	m	m	125.00			10	60	n	n
Bookkeeper	m	m	75.00			10	60	n	n
Drivers	m	m	60.00		50.00	10	60	n	n
Manager	m	m	125.00			10	60	n	n
Salesmen	m	m	125.00			10	60	n	n
Wholesale Meats—									
Cashier	m	w	20.00		18.00	9	54	10½%	
Managers	m	w	32.50		30.00	9	54	8%	
Salesmen	m	w	18.50		16.50	9	54	11½%	
Shipping clerk	m	w	15.00		15.00	9	54		
Teamsters	m	w	12.00		12.00	9	54		
Wholesale Oils—									
Coopers	m	m	70.00	60.00	60.00	10	60	n	n
Drivers	m	m	65.00	55.00	50.00	10	60	n	n
Foreman	m	m	65.00		65.00	10	60	n	n
Office clerks	m	m	130.00	60.00	25.00	10	60	n	n
Office clerks	f	m	60.00	50.00	50.00	10	60	n	n
Traveling salesmen	m	m	115.00	85.00	75.00	10	60	n	n

WRIGHT COUNTY.

Railroad Repair Shop—									
Blacksmith	m	h	.28½			10	70	n	n
Boilermakers	m	h	.45		.38	10	70	n	n
Boilermaker helper	m	h	.22	.20	.18½	10	70	n	n
Boiler washer	m	d	2.00		1.75	10	70	n	n
Hostlers	m	m	65.00		55.00	12	84	n	n
Laborers	m	h	.15		.15	11	77	n	n
Machinists	m	h	.45		.37	10	70	n	n
Machinist apprentice	m	h	.25			10	70	n	n
Machinist helpers	m	h	.22		.18½	10	70	n	n
Stationary firemen	m	m	45.00		45.00	12	84	n	n
Railroad Repair Shop—									
Blacksmiths	m	h	.36½	.33	.28	10	70	9%	
Blacksmith helpers	m	h	.19½	.18	.17½	10	70	9%	
Boilermakers	m	h	.37	.34	.31½	10	70	9%	
Boilermaker apprentices	m	h	.15		.12½	10	70		
Boilermaker helpers	m	h	.30	.25	.18	10	70	9%	
Carpenters	m	h	.27½	.25	.25	10	70		
Carpenters' helpers	m	h	.16		.16	10	70		
Laborers	m	h	.17	.15	.13½	10	60	9%	
Machinists	m	h	.37		.34	10	70	9%	
Machinist apprentices	m	h	.20	.16	.08	10	70		
Machinist helpers	m	h	.19	.17	.16	10	70	8½%	
Painter	m	h	.27½		.27½	10	70		
Tinner	m	h	.27		.27	10	70		
Telephone Exchange—									
Managers	m	m	70.00		65.00	9	54	n	n
Linemen	m	d	2.25		2.00	9	54	n	n
Operators	f	m	25.00		20.00	9	54	n	n

(n) Not reported.

NEW INDUSTRIES FOR IOWA.

In compiling the chapter on New Industries an endeavor has been made to secure information regarding new and desired industries from each county in the state.

To this end inquiry blanks were sent out to secretaries of commercial clubs or other representative business men in one or more towns in each county, along with a letter urging upon them the benefits that might be derived by giving the desired information, and the necessity of doing so in order to facilitate our work and to have their locality properly represented.

The result of this inquiry was replies from thirty-eight counties, giving a list of new industries and business houses established in past two years, also a write-up of natural or acquired advantages possessed by cities or localities from which reports were received; also industries which are desired and for which locations mentioned are particularly favorable.

Part 1 shows number of manufacturing establishments, business houses, wholesale and retail, established in each locality since December 31, 1906.

Part 2 is a general write-up of the natural or acquired advantages existing in the different localities along with inducements offered by the citizens and municipalities, such as sites, bonuses and subscription of stock.

NEW INDUSTRIES—PART 1.

Number and kind of manufacturing industries and business houses, wholesale and retail, established since December 31, 1906:

ADAMS COUNTY.

CORNING.—One implement house, one monument factory, one billiard hall, one retail grocery store, one real estate and insurance office, one flour and feed store, one brick and tile factory and one drug store.

APPANOOSE COUNTY.

MOULTON.—One cigar factory, one vehicle, hardware and furniture store, one retail coal office, one restaurant and cigar store, one mill and feed store, one furniture store, one feed store, one millinery store, one blacksmith shop, one grocery store, one meat market, one harness and saddlery store, one bakery and restaurant.

BLACK HAWK COUNTY.

CEDAR FALLS.—One broom factory, one scale manufacturing company, one vulcanizing company, one tent and awning store, one bank, one furniture store, one dry goods store, one implement store, and one restaurant.

BOONE COUNTY.

BOONE.—One coal mine, one ice, cold storage and packing establishment, one china hall, one automobile garage, one laundry, one racket store, one creamery, one plumbing shop, one electric railway shop, three moving picture shows.

BREMER COUNTY.

SUMNER.—One clothing and gents furnishing store, one general merchandise store.

BUENA VISTA COUNTY.

STORM LAKE.—One butter tub and tank factory, one canning factory, one sash and door factory, one butcher shop, one flour and feed store, one blacksmith shop, one retail shoe store, one bank, one retail millinery store, one grocery store, one automobile dealer, and one manufacturer and wholesaler of special toilet preparations.

ALTA.—One cement tile and brick factory, one department store, one drug store, one gents' furnishing goods store, one elevator company.

BUTLER COUNTY.

PARKERSBURG.—One ice cream factory.

CALHOUN COUNTY.

MANSON.—One cement tile factory.

CHICKASAW COUNTY.

NASHUA.—One manure spreader and harness store, one general merchandise store, one hardware store.

CLAYTON COUNTY.

ELKADER.—One retail agricultural implement house, one bank, one gas manufacturing plant.

DALLAS COUNTY.

ADEL.—One printing press manufactory, one sunbonnet and mitten factory, one department store, one grocery and bakery, one grocery and restaurant and one undertaking establishment.

PERRY.—One tileing spade factory, one hardware specialties factory, one washing machine factory, one condensed milk factory, one horse shoe calking machine factory, one wood-working plant, one general merchandise store, one five and ten cent store, one furnishing and novelties store and one bank.

DECATUR COUNTY.

LAMONI.—One printers and book binders and one electric light plant.

DUBUQUE COUNTY.

CASCADE.—One dressed poultry house, one butcher shop, one blacksmith shop, one lumber yard, one creamery, one flour and corn mill, one saw mill, one cement block factory.

DUBUQUE.—One manufacturer men's clothing, one pickling and canning factory, Champion ground pulverizing factory, one manufactory Catholic goods, one mining drill factory, one shoe factory, one candy factory, one wholesale fruit store, one wholesale and retail millinery store and one music store.

DYERSVILLE.—One canning factory, one gasoline engine factory, one hardware and furniture store, one department store and one harness shop.

FAYETTE COUNTY.

OELWEIN.—One bank, one general merchandise store, one meat market, and one clothing store.

HAMILTON COUNTY.

WEBSTER CITY.—One kitchen cabinet and egg case factory, one threshing machine sieve factory, one ice skate factory, one shoe factory, one cement tile factory, one brick and tile factory, one office supply store, one steel floor mat factory, one flour and feed mill, one root beer factory, one bottling works (soft drinks), one butter tub factory, two butter and egg stores, one general lathe work and electric supplies plant, one iron and repair foundry and three wholesale and retail dry goods stores.

HARDIN COUNTY.

IOWA FALLS.—One gasoline engine factory, one gas plant, and one brick and tile factory.

HARRISON COUNTY.

MISSOURI VALLEY.—Two retail grocery stores, two restaurants, one barber shop, one harness shop, one bakery, one livery stable, one grocery and queensware store, one furniture and upholstering store, two plumbing shops, one confectionery and restaurant, one wall paper, paint and picture store, one tin shop, one grocery and dry goods store, one drug store, one boot and shoe repair shop, two photograph galleries, one daily moving picture show, two real estate and loan offices, and one cigar factory, one brick and tile factory.

IDA COUNTY.

IDA GROVE.—One concrete building block factory.

JASPER COUNTY.

COLFAX.—Four mineral water bottling works.

LEE COUNTY.

KEOKUK.—One rolled oats and cereal mill, one glucose factory, one paraffine factory, one butter and ice cream factory, hard oak floor covering factory, one retail furniture store, one wholesale carpet and rug store, one laundry, one confectionery store, two retail clothing stores, one retail grocery store, one bakery, one undertaking establishment, one livery and hack line, one wholesale liquor house.

LOUISA COUNTY.

WAPELLO.—One pearl button factory, one pickling works, one cement brick and block factory, one crate and stave factory.

MAHASKA COUNTY.

OSKALOOSA.—One distillery (whiskey), one furnace factory, one creamery, one iron culvert factory, three coal mines and one shoe polishing company.

MONTGOMERY COUNTY.

VILLISCA.—One cement block factory, one cigar factory, one ice cream factory, one brick and tile factory, one washing machine factory, one cultivator factory, one barrel factory, one mitten and glove factory.

PALO ALTO COUNTY.

EMMETSBURG.—One cement block and tile factory, one brick and tile factory, one marble and granite works.

PLYMOUTH COUNTY.

AKRON.—One public hall and general store, one bank, and one general store.

POLK COUNTY.

DES MOINES.—One retail flour company, one wood working factory, one shoe factory, one gent's clothing store, one cast iron soil pipe factory, one corn and cereal mill, one gasoline motor factory, one candy factory, one enamel brick and concrete block factory, one glue factory, one peanut roasting plant, one ladies' skirt factory, one glove factory, one automobile company, one proprietary medicine factory, one carpet and lace curtain store, one daily newspaper, one poster printing shop, one furnace manufactory, one billiard table factory, one film and moving picture machine factory, one barber supply house and one computing scale factory.

POTTAWATTAMIE COUNTY.

AVOCA.—One dry goods and grocery store.

SCOTT COUNTY.

DAVENPORT.—One moulding machine and flask factory, one automobile factory, one automatic bulletin machine factory, one gasoline engine and motor factory, one gas and electric plant, one building material and inside finishing plant, one gas machine factory, one portable cottage plant, one folding go-cart factory, one advertising pencil factory, one metal specialties factory, one general janitorium works, one nursery, one wholesale and retail meat house, one laundry, one wholesale and retail art glass store, one retail ice and coal company, one retail hardware store, one wholesale mineral water company, one wholesale stationery house, one retail crockery and bar supply house, one plumbing shop, one retail dry goods store, one wholesale crockery store, one piano store, one shoe store, one retail lamp store, one phonograph store, one wholesale plumbing, steam fitting and mill supply house, and one five and ten cent store.

SIOUX COUNTY.

ALTON.—One cement well curb factory.

STORY COUNTY.

AMES.—One college and school pennants company, one machine shop, one cement block factory, one plumbing and electric light supply shop, and one grocery store.

TAMA COUNTY.

TRAER.—One washing machine and children's wagon shop, one cement block pressed brick and tank factory, and one hardware and implement store.

UNION COUNTY.

AFTON.—One creamery, one general merchandise store, and one farm implement house.

VAN BUREN COUNTY.

KEOSAUQUA.—One shoe polish factory, one cement block factory and one general store.

WAPELLO COUNTY.

OTTUMWA.—One mining tools and supply house, one sweat pad factory, one metal novelties factory, one bridge and structural iron works, one frictionless ball bearing factory, one cigar factory, one agricultural implement house, one clothing and furnishing store, one shoe store, four grocery stores, one ladies' furnishings store, one confectionery store, one newspaper, one horse and mule sales stable.

WASHINGTON COUNTY.

WASHINGTON.—One wagon box and scoop board factory, one pearl button factory, one mail order seed house, one galvanized pumps, tanks, troughs and mail box factory, one automatic match box factory, one wagon brake factory, one fence and gate factory and one cement block factory.

WAYNE COUNTY.

CORYDON.—One retail hardware and implement house.

WEBSTER COUNTY.

FORT DODGE.—One iron culvert factory, one hand pump factory, two bottling works, two plaster manufacturing plants, one wagon and carriage works, one candy factory, one stock food factory, one feed store, two sewer pipe factories, one creamery and ice cream factory, one pressed and hollow brick factory, two automobile garages, two drug stores, one electric supply house, one tea and coffee house, one piano store, two moving picture shows, two plumbing shops, one grocery store, one five and ten cent store, one flour and feed store, one clothing store and two grain elevators.

NEW INDUSTRIES—PART 2.

Number and kind of new industries, manufacturing and mercantile, desired in each locality, together with the natural or acquired advantages and inducements offered:

ADAMS COUNTY.

CORNING.—Corning is the county seat of a rich agricultural county. Outside of cigar factories of which there are two, two brick and tile plants and carpenter shops and carpet weavers there are no factories. The business men rely on the farmers for business. Freight rates are a deterrent to factories and investment. The town is on the C., B. & Q. Railroad and geographically has a magnificent territory from which to draw trade. The freight shipped and received is remarkable when the size of the town is taken into consideration. There is doubtless throughout the county good coal veins. There are now five mines. Coal prospecting systematically and scientifically done would perhaps result in new industries and employment to labor. No inducements are offered by the city at this time to investors or to factory projects, but our Commercial Club stands ready to "do things" when the right proposition presents itself. As above stated freight rates cause "cold feet" on all factory projects. Corning needs interurban facilities regardless of direction. Any interurban or new steam road would be beneficial.

APPANOOSE COUNTY.

MOULTON.—Our town is well located as to railroad facilities, having outlets in all directions by rail, and at almost any hour both day and night. So far our town has depended entirely upon the agricultural resources of the surrounding country. We are in the very best bluegrass section of the country. We do not grow the acreage devoted to corn that is found in other parts of the state, but depend more upon the grass, and the stock it sustains. We are also in a good fruit country, and produce as much fuel as any other portion of the state. To a man who is earnestly and honestly striving to lay up a competence for his old age, this part of Iowa offers an opportunity to gain the almighty dollar with about half the work and expense that is required where the plow is made to work eighteen hours out of the twenty-four. Our people would welcome, and aid by all means in their power, any manufacturing establishment that would employ a number of persons. We are especially situ-

ated favorably as a distributing point, and can afford outlet for any amount of goods, in all directions. An artificial ice plant, shoe factory, brick and tile factory, overall and glove factory, water works, wagon factory, buggies and implements, cement block and sidewalk tiles, all these and many others can find here a hearty welcome and excellent location. No special inducement in the way of bonus has been offered, but the people will do all in their power to make any reasonable proposition a success. We are at the end of the Moulton-Des Moines division of the Wabash railway and the junction point of the Ottumwa-Moulton division of the Wabash, and have the Kansas City branch of the Burlington route. Going north we have two daily trains for Des Moines and two for Saint Paul; going south we have four daily trains for Saint Louis, while the Burlington furnishes us with daily connection with Chicago and Kansas City. We earnestly solicit correspondence with parties desiring a favorable locaton for any kind of manufacturing plant, and promise courteous replies, and hearty support for any legitimate enterprise.

BLACK HAWK COUNTY.

CEDAR FALLS.—Cedar Falls has a splendid water power; has gas, electric light and pure water. Has electric car line and paved streets. The Commercial Club will be glad to encourage any factory that may come our way.

BOONE COUNTY.

BOONE.—Boone is particularly favored in railway facilities, as it reaches every trunk line in the state. It is located upon the main line of the Chicago & North-Western, on the Chicago, Milwaukee & St. Paul, and upon the Newton & Northwestern, as well as having electric interurban connection with Fort Dodge, Ames and Des Moines. Boone has abundance of coal from mines located here, which sells to manufacturers at in the neighborhood of $1.90 per ton. We have the finest of potter's clay, brickmaking clay, and tile and crockery clay in vast quantities. These industries could find ready development in our city. We have one brick plant, the other lines are undeveloped.

The Boone Commercial Association is organized for the purpose of encouraging civic and commercial growth and will be glad to assist in this work in any way possible. Communications addressed to Mr. C. W. Graves, Secretary, will have prompt and careful attention. Different lines and different firms require different kinds of assistance. Will be glad to correspond with any and all and are prepared to assist in many different ways.

Boone is situated in the center of the richest agricultural land in the country, therefore manufacturers of agricultural implements, farm tools, wagons, buggies, automobiles, etc., will find ready home sale for their product.

BREMER COUNTY.

SUMNER.—First class opening for brick yard and tile factory, cement block manufacturing and canning factory could be placed with a little hustling. Sash and door factory, now idle, only reason last manager was dishonest; he appropriated all the money and left country; could be made paying proposition in a short time. No better proposition in the state for butter tub factory and cooperage; jobber located here would use entire output.

BUENA VISTA COUNTY.

STORM LAKE.—We have good railroad facilities, good water, fine opening for creamery, no such institution near. Good dairy country. Condensed milk factory for same reasons. Good location for foundry—nothing of consequence within seventy-five miles. Interurban railroads are needed. We have a good college and a fine lake, both attractive things to interurban railroads. Any kind of farm machinery factory—we have good railroad facilities and are certainly at the seat of demand for such things. Also good opening for steam laundry.

BUTLER COUNTY.

PARKERSBURG.—Parkersburg is on the main line of the Illinois Central Railway and on the line of the North-Western railroad running from the main line at Belle Plaine to Sanborn, Minn. It is located in one of the richest farming communities in the west. First class opening for brick and tile factory, canning factory, condensed milk factory and cooper shop.

CHICKASAW COUNTY.

NASHUA.—We have unlimited water power for anyone who may wish to locate here.

CLAYTON COUNTY.

ELKADER.—As to acquired advantages for profitable location and operation of new industries here, there are none. Railroad facilities are absolutely wanting. At a point about two miles above this town on the Turkey river there is a most excellent dam site, the bottom of the river being stone, and there being high banks on either side, and material for the dam being immediately available, it is believed that a dam at this point can be built in the neighborhood of twenty feet in height without overflowing any great body of land. This would be a most excellent power station for an electrical plant. Likewise about five miles below Elkader on the Turkey river, at the old town of Motor, there is another dam site where, I believe, a dam can be built seventeen feet high without overflowing more than one or two farms. Upon the site of this proposition a dam was erected many years ago and a magnificent flour mill was put up. This flour mill is built of stone, heaviest of oak timbers and an oak

floor. It is five or six stories high and still standing and in excellent condition, but has not been used for many years. I am unable to say what amount of power could be generated at either of these plants, but in this day of electricity either plant would certainly be a profitable proposition for the production and distribution of power and light. Just below town, upon the railroad, there is an immense gravel bed. From this thousands and thousands of cars of gravel have been taken in the years gone by, but when in the course of its removal the railroad began to encroach upon private property, work was stopped and none has since been removed. This gravel bed is some thirty or forty feet from the top to the level of the road. There is another gravel bed in town, from which many cars were shipped last year, but the location of this is such that it cannot be approached by the railroad and all the gravel has to be hauled by team to the road. In an early day thousands upon thousands of tons of lead ore were mined along Miner's creek, back of the town of Guttenberg, but since the forties or early fifties, no mining whatever or prospecting has been done in that region. There can be little doubt but there remains great deposits of lead in that vicinity. From time to time for years back there has been talk of lead deposits some four or five miles up the Turkey river, from this place but no systematic or thorough prospecting has been done. A mining lease exists upon one small tract of land, and a shaft has been put down some twenty or thirty feet this winter. I have not visited the scene of this work, but I understand that they have taken out some ore and one of the parties told me that two men, with no other tools than a pick and shovel could make wages of $2.50 per day in sinking this shaft from the ore removed. The lease is not in the hands of anyone who will push it as it ought to be pushed. In the southeastern part of this county there has been more or less prospecting for both lead and zinc (jack) for years past. The Fitzpatrick Mining Co. erected a standard 100-ton concentrating plant near Buena Vista. The gentleman who was in charge of the proposition has recently died and I am unable to learn just what shape the proposition is in. I understand that near the western boundary of this county, in the neighborhood of Wadena, Fayette county, is a large deposit of mineral paint; that Chicago parties bought some land, and secured options upon more; that they have recently put up a small mill for the manufacture of mineral paint. There can be little doubt that the mineral paint is to be found there in large quantities. The older residents of the western part of the county, Highland township, inform me that some of this was used for painting barns and sheds forty years ago or more and that now and then it has been used since that time. Other than the above I know of no natural advantages for the location and operation of new industries.

DALLAS COUNTY.

ADEL.—Foremost among the advantages offered for manufacturing industries is our electric service; a twenty-four hour service affording light and motive power in abundance. We have an adequate water system and sewers which afford both protection against fires and conveniences in the home and workshop. Just west of the city there is an abundance of clay which is said to produce a quality of brick and tile superior to any other in the state. Desirable manufacturing industries could obtain exemption from corporation taxes, and probably a bonus from the citizens. A concern most wanted is a cold storage plant, also good opening for a large stock of dry goods, exclusively, and of the best grade. We are situated upon the Raccoon river, which affords natural water power, and fine boating facilities. Have a public park containing thirty acres, with a track, and fields for athletic sports.

PERRY.—Good opening for brick and tile factory; unlimited supply of the best of clay for this purpose. Any kind of factories suitable for central Iowa. Commercial Club offer ground free; water, etc., for legitimate industries located with us.

DECATUR COUNTY.

LAMONI.—Good live town, good trading point, good power and light plant.

DUBUQUE COUNTY.

DUBUQUE.—Wanted a meat packing house, gas and gasoline engine factory, farm machinery of all kinds, in fact factories of any kind, except sash door and interior wood work and men's clothing, of which we are well supplied.

DYERSVILLE.—Dyersville has a population of 1,500 inhabitants, inside of corporation, part of town is outside; has two trunk railroads, Illinois Central and Chicago Great Western, with close connection with the Milwaukee & Saint Paul at Farley, Oneida and Delaware and as a distributing point there is no better. Dyersville has two state banks with $1,612,000. The surrounding country is the richest in Iowa. This is a splendid location for any manufacturing plant, especially packing house and oat meal mill; all kinds of raw material used in manufacturing can be delivered at Dyersville as cheaply as at Dubuque, expense of manufacturing would be much less than at Dubuque or other large cities as everything is much cheaper; we also have the north fork of the Maquoketa river running through Dyersville which is large enough to carry off all refuse. Dyersville ships and receives between six and seven thousand carloads of freight annually, and no town twice the size has better buildings than Dyersville. Dyersville is not a prohibition town, yet crime and drunkeness is rare; we have but one justice of the peace here and his criminal fees do not amount to $25 per year.

FAYETTE COUNTY.

OELWEIN.—We have the shops of the Chicago Great Western railway, employing therein and on trains about one thousand men. It is a division point for all trains and the town affords excellent shipping facilities over the Great Western and Rock Island lines. We have no wholesale houses

and but little manufacturing is done. We need them all. Have nice modern city of about seven thousand inhabitants. Rich farming country surrounding; good railroad and shipping facilities; good schools; a commercial college; fine new churches, etc.

HAMILTON COUNTY.

WEBSTER CITY.—Webster City is centrally located in the state, is in close proximity to an abundance of good coal; is a town of about six thousand inhabitants, mostly Americans. Has an abundance of water power that can be used at a small cost. Good stone for road purposes can be had in abundance and close to the railroad where a sidetrack can be built at a very small cost. Lots of good sand for cement work near stone quarries. Citizens have been liberal in subscribing to all enterprises and want more of the right kind, those that commence small and grow. We have five banks with plenty of capital for manufacturing wants. Good schools, good hospital; churches of all kinds and free delivery of mails.

HARDIN COUNTY.

IOWA FALLS.—Here will be found an excellent location for another brick and tile plant. Present plant cannot handle half the local business. A cement brick and tile plant would do well. Sand, gravel and crushed rock in abundance at a very low figure. This would make an excellent point for a grocery jobbing house. No town in this part of the state has better shipping facilities.

HARRISON COUNTY.

MISSOURI VALLEY.—Aside from flour export, we have no wholesale or manufacturing industries. Our mill does a pretty good business consuming all of local wheat, and have a salesman on the road. A new gas, electric light, heat and power franchise is soon to be voted on, which, if carried, will mean an expenditure aggregating $100,000. Heat (hot water) will be furnished by pipe line to business houses, and residents, also gas, electric light and electric power. In the mercantile line, we have a good opening for an up to date dry goods store, also for a full line of shoes. There is a good deal of fruit raised in this locality, and a canning factory and cold storage would do well. Considerable fruit and vegetables spoil every season for lack of market and facilities for handling the same. A small canning factory has been in operation three miles north of town for three years, and considering its limited capital, it has done surprisingly well; it was destroyed by fire last fall but has been rebuilt. There are three large drainage ditches now nearly completed which will reclaim about 58,000 acres, all territory contiguous to Missouri Valley. This will mean thousands of dollars in trade to this locality and is naturally of great consequence to us.

IDA COUNTY.

IDA GROVE.—Ida Grove is the center of the popcorn raising belt and most of the popcorn raised in the west is within a radius of seventy-five miles of here. All the big breakfast food agents come here to buy popcorn; a breakfast food mill is wanted. A canning plant is wanted, also a beet sugar factory, a cold storage, creamery, also an egg plant is wanted. One grocer paid out over $12,000 for cream in seven months and shipped the cream out of town. A good opening for planing mill, there is not a good one within seventy-five miles. A garage is wanted, there are eight autos in town and thirty in the county and no garage, a machine shop in connection would pay well. A modern hotel is wanted, citizens would take stock in a modern three story brick or stone hotel, there is now no hotel here worthy of mention. Any kind of a factory will be given a free site, free water, and taxes remitted for a term of one year. Broom corn can be raised successfully here and is one of the few localities where the best grade can be raised; a factory for making brooms would pay.

JASPER COUNTY.

COLFAX.—We have some natural advantages on account of best of water, lots of it and have coal in abundance and at cheap prices. Corporation of Colfax will offer reasonable inducements and citizens will also co-operate.

LEE COUNTY.

KEOKUK.—The following is a list of industries that could be made to pay: Queensware wholesale, saddlery wholesale, horse collar manufacturing, hardware wholesale, hats and caps wholesale, packing plant, paper plant manufacturing, automobile garage, foundry and boiler works, department store, paper cartons manufacturing, brick and tile plant excellent opening, buggies manufacturing, boat building, furniture manufacturing, farm implements wholesale or retail, and woolen mill. The Commercial Club will assist any worthy concern to the extent of paying moving expenses, giving them a site, free rent for certain period, remission of taxes for certain period and assist them in every way possible.

LOUISA COUNTY.

WAPELLO.—Our soil is well adapted to the growing of tomatoes, beans, peas, sweet potatoes, sweet corn and all garden vegetables. We have a large factory for canning sweet corn: they usually have about three thousand acres of sweet corn each year; we have plenty of room for another factory to can corn and a factory to can tomatoes, beans, peas, etc., and could find no better locality for the raising of same, also the canning of poultry and meats, as many car loads of poultry are shipped from here each year. The raising of melons could be made a great industry; a basket factory could obtain plenty of suitable material near here to carry on a large business for years. A paper mill could obtain all the straw and corn stalks that they could use.

LYON COUNTY.

ROCK RAPIDS.—Rock Rapids is the county seat of Lyon County, is a town of 2,000 people with a fine electric lighting plant which also furnishes day current for power at 6c, a very low rate. Has a very good water power on Rock River within the city limits which was formerly developed for the purpose of running two grist mills, could be utilized for manufacturing at a low cost. The town is surrounded by a very superior farming country which would offer a splendid field for a a large central creamery plant, also a condensed milk factory would certainly have a good field here for operation. Also a factory for canning corn and beans could be located here to good advantage. Clover, timothy and other tame grasses are a sure success in this locality. We have two machine shops, one of them devoted entirely to the busines of the Anchor Concrete Stone Company. We have a complete system of water works for fire protection and general use, the city is also supplied with a sewer system. Fine schools, employing fifteen teachers and the following churches: Methodist, Congregational, Christian, Catholic, Norwegian Lutheran, two German Lutheran and a People's Church. Public library containing 4,000 volumes. The grounds of the Lyon County Fair Association adjoin the town plat. Upon these grounds improvements costing $15,000 have been erected during the past two seasons and the association is entirely out of debt. We have an organization known as the Farm and Town Commercial Association which will be glad to correspond with parties looking for a location.

MAHASKA COUNTY.

NEW SHARON—Our town New Sharon, 1,200 poulation, is not particularly adapted to manufacturing, although we have the Martin-Younkin Brick and Tile plant employing six or eight men during the season. A creamery and poultry packing establishment (The New Sharon Creamery Co.) which employ four or five men the year around; both the above are in a healthy condition and contribute to the prosperity of our little town, which is a first class farmer's trading point. We could use a small factory or two, perhaps a canning factory, as the soil around here is adapted to small vegetable raising. The town as a town has no special inducements to offer, except the natural advantages of a clean town, agreeable labor, coal mines, three within three miles of town, etc.

OSKALOOSA—Oskaloosa is the twelfth city in point of size in Iowa. Its population, 12,500, however, does not indicate its favorable position. Unlike other cities that surpass it in numbers, it has no competition in a county that contains 35,000 people. It is the wholesale center and retail market of a territory extending over 25 miles in every direction. Consequently the amount of business done in Oskaloosa is equal to that of some cities twice its size. Contained in the area tributary to Oskaloosa are found the richest farming lands in the United States and the largest of the great coal mines for which southern Iowa is noted. Oskaloosa is really the hub of the great coal industry and has the head

offices of District No. 13, United Mine Workers of America, with a membership of 14,000 in Iowa and northern Missouri. This organization alone has over $200,000 on deposit here. Oskaloosa is also the headquarters and principle business point of the Iowa Central railway, with immense roundhouses and machine shops and 300 employes living in town. Out of the soil, within the corporate limits, has been taken the clay from which the brick in its twelve miles of street paving was made. Some of the brick have been in use sixteen years and show no injury whatever from constant service. The clay throughout the county, which is found in immense beds, is adapted to all sorts of purposes, and this industry, which is still in its infancy, has every promise of eclipsing the other wonderful sources of wealth of the city and county. Oskaloosa is recognized as the cigar market of Iowa, and its candies sweeten the teeth of epicures in every city and hamlet of the state. The Oskaloosa horse and mule market is immense and growing all the time. The shipments from this point now average about sixty animals per week. Oskaloosa ovens furnish bread for as many people outside the city as live in town, and her laundries whiten the linen of the people of over one hundred outside towns. The smoke of five foundries attest the importance of the city as a manufacturing center and in the forty factories in operation 120 different articles are made, and about 700 people are employed. Five railroads with fifty-four trains in and out daily, and two interurban lines place Oskaloosa people and products within easy access of all points of the compass.

MONONA COUNTY.

ONAWA.—Onawa is located between the two states of Nebraska and Iowa, on western border of Iowa. It has excellent railroad facilities and a good outlet to the Dakotas, Minnesota, and Missouri in addition to Iowa and Nebraska. There is an excellent opening here for a canning factory. Onawa is surrounded by a fertile agricultural region where almost anything, in this climate can be raised in abundance. We have a fine flowing well, excellent schools and churches. This would also be a good point for a condensed milk plant.

MONTGOMERY COUNTY.

VILLISCA WANTS FACTORIES.—Villisca, Iowa, a thriving town of 2,500, is situated at the junction of the Middle and West Nodaway rivers on the main line of the C., B. & Q. railway and at the junction of the K. C. railway from Saint Joseph, Mo., to Vilisca, 106 miles. Seventy miles east of Omaha, Nebraska, and 225 miles west of Burlington, Iowa. The city is healthful, being high and dry and well drained. It has a complete system of water works and sewerage and an electric power plant that furnishes light and power for several of the industries. The city has wide streets with cement sidewalks and crossings, an excellent system of public schools, church privileges (there being six denominations represented), a public library association and other public enter-

prises. The Vilisca Industrial Association (Incorporated), has a tract of land, fifteen acres in extent, the rear of the lots adjoining the C., B. & Q. railway yards for a distance of 1,400 feet, convenient for switching privileges. This tract is near the center of the city. This they offer free in tracts suitable for the use of factories or other industries of that nature. They also agree to put in sewers and water mains. There are already here a brick and tile factory, cooper shop, cultivator factory, flouring mill and a cement bridge works. City offers free taxes also.

MUSCATINE COUNTY.

West Liberty.—We have located here the Iowa Condensed Milk Co., factory capacity 30,000 pounds milk daily, now running at 2-3 capacity. Employs from twenty-five to forty people and furnishes a market for a number of large dairy farms as well as a number of smaller ones. Dairy farming being on the increase here, it would be a good location for canning factory, as many small dairy farmers devote their spare time to truck farming. Railroad facilities are such that small manufacturing could be carried on here to advantage as labor would be plenty and cheap. Would be good opening for a dry goods store, also furniture and undertaking. I desire to especially mention the desirability of West Liberty as a location for an up-to-date progressive grain dealer. Would ask those interested to visit us and interview the merchants and farmers.

PALO ALTO COUNTY.

Emmetsburg.—The Spirit Lake, Emmetsburg & Fort Dodge Electric railroad is being projected by the Emmetsburg Commercial Club and is in a fair way to be successfully launched. This will furnish power for light manufacturing, for lighting, etc. There is a splendid field here for a milk condensing plant, wood-working establishment, glove and overall factory, creamery supplies, etc. Free ground and other liberal terms will be arranged. Our town is at the crossing of the C., M. & St. P. and C., R. I. & P. railroads, with excellent train service.

PLYMOUTH COUNTY.

Akron.—It would seem to me that a canning factory would be a very profitable industry as we are in the Sioux Valley, a soil that cannot be beaten for the culture of all kinds of vegetation and within twenty-eight miles of Sioux City on the C., M. & St. P. railway, a good distributing point.

Le Mars.—We desire a broom factory, an establishment for the making of sorghum, small or large meat packing establishment, factories for canning of vegetables. Our vicinity can produce the raw material for above. Have the live stock, the vegetables, can raise the sugar cane. No particular inducements that we can offer except lower taxes than found in larger cities. Good railroad advantages. Illinois Central and Chicago, St. Paul, Minneapolis & Omaha roads in Le Mars, Iowa.

POLK COUNTY.

Des Moines.—Among the industries which logically should be located here and which would be sure to succeed under competent management, may be mentioned the following: Starch and Glucose Works. Des Moines is the center of the greatest corn producing region in the world. Oatmeal mills or cereal mills of any kind. Denatured alcohol distillery. Malleable iron foundry. An immense amount of malleable iron is used in Iowa but no foundry of any size in the state. Implement factories, a plant for manufacturing farm machinery of all kinds. There is more farm machinery sold and bought and owned in Iowa than any other two states in the union. Raw material can be assembled here as well as elsewhere and the manufactured product distributed to excellent advantage from this point. A wagon factory—over 7,000 wagons sold in Des Moines annually, but none made here. A passenger and freight elevator factory, not only is there a large local demand for elevators, but they are wanted more and more in the smaller cities in the state, they should be made in Des Moines as material for their construction can be assembled here as well as elsewhere. There is room for additional carriage works and the carriage people would welcome further worthy competition. The same is true with nearly every thing now made in Des Moines. In short, because of our cheap coal, splendid distributing advantages, and available sites, to say nothing of good water for steaming purposes, etc., Des Moines ought to get one hundred new factories every year. Under the right kind of management, they would all succeed. It would not be out of place to state that Des Moines needs very badly another large wholesale or jobbing dry goods house, capitalized for not less than $300,000. A concern with one half million capital would do an enormous business.

POTTAWATTAMIE COUNTY.

Council Bluffs.—We want factories in the following lines: Automobile factory, broom factory, beet sugar factory, brewery, cheese factory, carriage factory, corset factory, large flour mill, garment factory, glove and mitten factory, knitting works, farm implement factory, overall factory, packing house, pickle factory, shoe factory, soap factory, tannery, moulding and veneer mill, wagon factory. We want the following wholesale houses: Dry goods, furniture, boots and shoes, groceries, hats and caps, men's furnishings, queens and crockery ware, wall paper and others. Referring to the advantages of our city, we are located on the Missouri river, a rate basing point, which insures shippers at all times quick time and the lowest possible rate. We have eight of the largest trunk line railroads in the United States. We have a home market alone that can not be excelled and as a distributing point we cannot be beaten. As inducements we can offer practically free locations with exemption from local taxation for a period of years. We can furnish an unlimited amount of help. Our climate is exceedingly mild and healthful, our surrounding country is rich and prosperous and our city is strictly metropolitan.

SCOTT COUNTY.

DAVENPORT.—Davenport has about two hundred manufacturing concerns, the principal lines being agricultural implements, locomotives, macaroni, washing machines, cereals, vinegar and pickles, packing house products, plumbing supplies, metal wheels, crackers, brooms, beer, glucose products, wagons, candy, flour. Factories manufacturing the following lines of goods would find Davenport an ideal location: Agricultural implements, cereals, drop forge work, glucost products, packing house implements, cereals, drop forge works, glucose products, packing house paper, starch. We are not looking for bonus hunters. Concerns however, that are seeking a new location to secure better freight rates and improved shipping facilities—also those that are on a paying basis who wish to enlarge their business, will be given every attention in an endeavor to meet their requirements. Davenport by reason of its location and splendid shipping facilities, both by rail and water, furnishes an opening for jobbing houses in all staple articles. The Davenport Commercial Club will furnish detailed information on request.

SIOUX COUNTY.

ALTON.—A canning factory could do well here; we have excellent water, good shipping facilities and people who can and will raise the vegetables, and excellent soil for their production.

STORY COUNTY.

AMES.—We want a cold storage, artificial ice plant, packing house, glove and mitten factory, we have a good distributing point. Power from an electric plant owned by the city. They furnish a day current and are disposed to give low rates to manufacturers who can use power in day time for manufacturing.

TAMA COUNTY.

TRAER.—We have the Rock Island and North-Western lines of railroad. Excellent city schools, Methodist and Congregational churches costing over $30,000 each. Opera house costing over $15,000, being the best in the state located in a town of 1,500 population. We have electric lights owned by private individual, a complete and satisfactory system. Water works owned by the city. One of the best natural wood parks in Iowa, every inducement for residence. First class location for creamery.

UNION COUNTY.

AFTON.—The Farmers Co-operative Creamery is the largest manufacturing industry of Afton. The Afton Mill, for grinding corn and grist, also does a large business outside the town, as does the Empire Bakery, and the Star Enterprise Printing plant. The Afton Commercial Club is a live organization which offers every encouragement for new industries

to locate in Afton, provided the industry was of sufficient size and had enough capital to make its business a success. Location will be donated and relief from taxes for a period of years can be secured. An educational institution above the grade of a high school would find great encouragement here, and the field is unsurpassed as there is but one college in southwestern Iowa, and that only a normal school.

VAN BUREN COUNTY.

KEOSAUQUA.—The Shinum Company manufactures shoe shine and a novelty box containing the same that answers for a brush and dauber; employ from eight to fifteen hands; electric power. The Martin Cement Co. has been added to the Martin Bridge and Iron Works. This is a large business employing some twenty men. Special inducements are offered by the citizens for the development of the natural water power at this point. Cement stone has been discovered within one mile of town. Coal of a rather inferior quality in abundance. What is needed is better railroad facilities; a movement was on foot to secure an interurban railway from Burlington but has made little progress since the panic, the company however, maintains its organization and right of way known as the Burlington and Bonaparte Railway Company. The water power, the building stone, and cement industries, with the coal in such quantities, lies undeveloped, for the want of a railroad.

WAPELLO COUNTY.

OTTUMWA.—Clay products. Pottery and all kinds of clay, ground accessible to switching facilities and coal, either on same ground or nearby. Agricultural implements, cheap fuel and close to the center of trade and not too far from raw material and advantageous rate adjustments. Garment factories, practically an untried field; good labor supply (female), on account of numerous plants employing men only. Packing plants and metal trades employ the bulk of our labor. Cereal or starch mills same as above. In regard to inducements, encouragement has been given in the past, but we have no general plan or offer, other than promised support for the proper promoter; many sites accessible to switch tracks. Interurban lines wanted; money and co-operation of citizens is waiting for a promoter. Good opening for a non-partisan daily newspaper, 200,000 people within a radius of fifty miles for circulation, enough for two dailies; local capital would support a man of established experience. Hotel with 200 first class rooms, citizens and capital are anxious for an organizer with this need in view. We also need a hall for meetings with a seating capacity of 2,500 to 5,000 people, promotion the only lacking requisite. Good opening for an amusement park. We have a large class of trades people confined at their toil who need recreation.

WASHINGTON COUNTY.

WASHINGTON.—Washington is well located in the best county in the state and has shipping facilities second to none. Look us up; we have the three best lines in the state, being the Rock Island, main line Chicago to Kansas City, Texas and the coast, the Milwaukee, main line Chicago to Kansas City with Santa Fe connections at Kansas City, the Burlington line with all of its connections, also have the Rock Island branch from Washington to Des Moines and northwest. Have twenty-six daily passenger trains. Have paved streets, fine artesian water all over the city, pure and also gives best of fire protection. Electric light and gas, good service for lighting and power, fine court house, excellent schools, our high school admits to Chicago University without examinations; all new school buildings. (Only twenty-two cities in the state have schools whose graduates are admitted to Chicago University without examinations). We have thirteen churches, all paid for and fine buildings. No saloons and no liquor has been sold in this county for years; this is the prohibition county of the state; all the rest are imitations. We wish to locate a few more good factories and can show up the advantages to get them to come here. Special inducements will be offered to small concerns employing a few men. Good help can be had at the right wages. Write or come and look at what we have. We have fine large Commercial Club owning our own club house and gymnasium. Our Button Company employ one hundred men, our box factory employ fifty, and our seed company employs from forty to fifty. Our city is on the move and will take up anything which will show up good business.

WAYNE COUNTY.

CORYDON.—This is strictly a farming district. There are no factories of any kind here. Any kind of factory to use farm products would be given every reasonable encouragement from the people here. What we need more than anything else, is an electric railroad from Des Moines south through here.

WEBSTER COUNTY.

FORT DODGE.—The natural resources of our city are clay for brick, tile, sewer pipe and stoneware; gypsum rock from which plaster is made. We are situated in the centre of the best farming land in the state. There is good opportunity for a flour mill, knitting mill, glove factory, shoe factory, wooden box factory, paper box factory, jute bag factory, cement plant, etc. Coal is mined of good quality within four miles of the city. Water power is undeveloped.

TRADES UNIONS IN IOWA.

The chapter devoted to trade unions is compiled from reports received from 431 locals of the trade organizations of the state in which 57 crafts are represented.

Table No. 1 shows location and number of locals, year when organized, number of members at date report was made, monthly dues paid by members, amounts paid as sick and funeral benefits, the extent to which demands are made for the employment of union men only, and the working hours per day; the columns devoted to wages give the minimum and maximum wages paid in the various localities, and the variation since 1905; a column is also given showing the number of strikes that have occurred since December 31, 1905.

Table No. 2 is a general summary showing a total of 662 locals in the state, 431 of whom reported to this department a total membership of 30,593, or an average membership of 70.98 for each local; this table also gives averages for the state on minimum and maximum wages in the different crafts, the average hours worked per day, also the average per cent increase or decrease in minimum and maximum wages. The average increase on minimum wages for the state is 8.81 per cent; the average increase on maximum wages for the state is 7.64 per cent.

Tables Nos. 3 and 4 give summaries by localities and counties respectively, showing the number of locals and the membership in ninety-two localities and thirty-eight counties in the state.

TRADE UNIONS IN

Showing location, date organized, number of members, per capita dues, working hours per day, maximum and minimum wage, with

BAKERS AND CONFECTIONERS

Marginal Number	Location of Union	Number of Local	Year Organized	Number of Members	Per Capita dues per Month	Sick Benefit paid during 1906-1907	Funeral Benefit paid during 1906 1907
1	Davenport	36	1907	16	.75		
2	Des Moines	136	1906	25	.75	(n)	(n)
3	Keokuk	226	1902	18	.75	(n)	(n)
4	Waterloo	63	1906	16	.75		

BARBERS UNION

5	Burlington	110	1898	38	.60		$ 105.00
6	Cedar Rapids	97	1887	60	.60		(n)
7	Centerville	369	1902	26	.60	$ 75.00	
8	Clinton	236	1900	9	.60		
9	Council Bluffs	321	1901	26	.60	(n)	(n)
10	Davenport	116	1898	57	.60	140.00	275.00
11	Des Moines	43	1902	51	1.00	57.00	(n)
12	Dubuque	420	1902	58	.60	200.00	40.00
13	Fairfield	368	1902	9	.60		
14	Fort Dodge	504	1908	29	.60	30.00	(n)
15	Fort Madison	287	1902	18	.60		
16	Keokuk	214	1898	30	.60	9.40	
17	Muscatine	349	1902	12	.75	75.00	60.00
18	Oelwein	520	(n)	9	.60		
19	Oskaloosa	19	1882	36	.60	55.00	
20	Ottumwa	133	1899	50	.60	50.00	75.00
21	Waterloo	414	1902	41	.65	200.00	

BARTENDERS

22	Burlington	354	1902	67	.50	130.00	140.00
23	Des Moines	247	1901	153	.75	950.00	700.00
24	Dubuque	527	1902	45	.50		
25	Fort Dodge	518	1903	24	.50	123.00	75.00
26	Oelwein	516	1903	11	.50		
27	Oskaloosa	214	1900	30	.25		50.00
28	Ottumwa	184	1899	62	.75	150.00	50.00
29	Waterloo	546	(n)	50	.50		

(n)Not reported.

IOWA—TABLE NO. 1.

sick and funeral benefits, demand for employment of union men only, increase or decrease since 1905, and strikes occurring since 1905.

INTERNATIONAL UNION.

Demand Employment of Union Men Only	Working hours per Day	Wages: Minimum Wage	Unit per	Wages: Maximum Wage	Variation Since 1905: Minimum Wage	Variation Since 1905: Maximum Wage	Number of strikes since Dec. 31, 1905	Marginal Number
Yes	10	$ 12.00	week	$ 22.00				1
No	10	10.00	week	21.00	10% incr	10% incr	(n)	2
Yes	10	10.00	week	20.00				3
Yes	10	$ 12.00	week	18.00	15% incr	15% incr		4

INTERNATIONAL JOURNEYMEN.

Yes	70 w	12.00	week	*	10% incr	10% incr	(n)	5
Yes	12	11.00	week	13.00	10% incr	10% incr		6
Yes	12	10.00	week	12.00				7
Yes	11	10.00	week	25.00				8
No	12	12.00	week	*				9
Yes	11	12.00	week	(n)				10
Yes	11½	12.00	week	*				11
Yes	12	12.00	week	*				12
Yes	9	10.00	week	12.00	20% incr	20% incr		13
Yes	12½	12.00	week	(n)	(n)	(n)		14
Yes	11½	12.00	week	(n)				15
Yes	13	60% of receipts	week	*				16
Yes	11	10.00	week	*				17
Yes	10	14.00	week	*				18
Yes	11	11.00	week	14.00				19
Yes	13	12.00	week	‡				20
Yes	11	12.00	week	‡	20% incr	20% incr	(n)	21

*$12.00 per week and 50% over $18.00.
‡$12.00 per week, and 60% over $20.00.

INTERNATIONAL UNION.

Yes	10	12.00	week	18.00				22
Yes	9	15.00	week	(n)				23
Yes	10	10.00	week	10.00				24
Yes	7-10	12.00	week	(n)	25% incr	25% incr		25
Yes	9	15.00	week	22.00				26
Yes	9	12.50	week	28.00				27
Yes	10	12.50	week	17.00				28
Yes	8½	15.00	week	20.00	20% incr			29

TRADE UNIONS IN

BILL POSTERS

Marginal Number	Location of Union	Number of Local	Year Organized	Number of Members	Per Capita dues per Month	Sick Benefit paid during 1906-1907	Funeral Benefit paid during 1906-1907
30	Sioux City	26	1905	28	.50		

BLACKSMITHS AND HELPERS

31	Clinton	16	1903	17	.60		
32	Des Moines	184	1901	27	.65		
33	Dubuque	95	1892	30	.75		30.00
34	Fort Madison	58	1902	5	1.00		
35	Keokuk	n	1903	8	.50		
36	Missouri Valley	39	1902	15	.75		
37	Oelwein	230	1902	32	.75		
38	Ottumwa	102	1901	17	.65	n	n
39	Sioux City	36	1902	23	.75		
40	Waterloo	65	1892	9	1.00	n	n

BOILERMAKERS AND IRON SHIP

41	Boone	161	1895	22	1.00		
42	Clinton	129	n	21	1.00		
43	Davenport	391	1906	17	1.00		
44	Dubuque	192	1905	25	.50		
45	Missouri Valley	145	1902	24	.75	n	n
46	Oelwein	212	n	15	1.00		
47	Waterloo	183	1901	22	1.00		

BOILERMAKERS HELPERS

48	Clinton	40	1905	16	.75		
49	Waterloo	97	1903	25	.75		

BOOKBINDERS

50	Cedar Rapids	84	1899	56	men .75 women .35		
51	Des Moines	71	1895	25	.75		
52	Des Moines—female	88	1900	34	.35		
53	Dubuque	116	1903	10	.50		

BOOT AND SHOE

54	Keokuk	263	1903	200	.25	1,400.00	400.00

(n)Not reported.

IOWA—CONTINUED.

INTERNATIONAL ALLIANCE.

Demand Employment of Union Men Only	Working hours per day	Wages: Minimum Wage	Unit per	Wages: Maximum Wage	Variation since 1905: Minimum Wage	Variation since 1905: Maximum Wage	Number of strikes since Dec. 31, 1905	Marginal Number
Yes	8-12	12.00	week	15.00				30

INTERNATIONAL BROTHERHOOD OF

No	10	bl'ksmiths .30 helpers .19½	hour	bl'ksms. .38 helpers .22½	8.70% incr	7.14% incr		31
No	9	.26	hour	.40	13.00% incr			32
Yes	9	2.65	day	3.00	17.78% incr	n		33
n	8	.28½	hour	.37½				34
Yes	10	2.00	day	2.75				35
No	10	bl'ksmiths .37 helpers .19	hour	bl'ksms. .38 helpers .21	12% incr	11.00% incr		36
No	10	.26	hour	.39	10.64% incr	6.85% incr	1	37
Yes	9 & 10	1.75	day	3.00	16.67% incr	9.09% incr		38
No	9	bl'ksmiths .40 helpers .25	hour	bl'ksms. .42 helpers .26½	22.64% incr	21.05% incr		39
Yes	9	.18½	hour	.35	n	n		40

BUILDERS BROTHERHOOD OF.

Yes	9	.37	hour	.37	15.62% incr	15.62% incr		41
Yes	10	.30	hour	.37	11.11% incr	8.82% incr		42
Yes	9	.36½	hour	.40	7.35% incr	6.66% incr	2	43
No	10	.13½	hour	.36	19.05% incr	11.11% incr		44
Yes	9	.37	hour	.37	8.82% incr	8.82% incr		45
No	10	.38	hour	.38			1	46
Yes	9	.37	hour	.37	8.82% incr	8.82% incr		47

BROTHERHOOD OF.

Yes	9	.17½	hour	.20	12.99% incr	11.11% incr		48
No	9	.19½	hour	.33⅓	14.49% incr	11.76% incr		49

INTERNATIONL BROTHERHOOD OF.

Yes	8	men $15.00 women 6.00	week	men 18.00 women 6.00	11.11% incr 10.77% incr	9.09% incr 9.09% incr	1	50
Yes	8	14.00	week	20.00				51
Yes	8	3.00	week	3.00				52
Yes	8	14.00	week	20.00	16.66% incr	11.11% incr		53

WORKERS UNION.

Yes	10	piece work		piece work	n	n		54

(n)Not reported.

TRADE UNIONS IN

BRICKLAYERS AND MASONS

Marginal Number	Location of Union	Number of Local	Year Organized	Number of Members	Per Capita dues per Month	Sick Benefit paid during 1906-1907	Funeral Benefit paid during 1906-1907
55	Burlington	10	1891	38	.50	200.00	50.00
56	Cedar Rapids	1	1900	23	.50	10.00	
57	Clinton	15	1901	36	.50		100.00
58	Des Moines	2	"	133	.60	400.00	300.00
59	Dubuque	17	1902	18	.50		25.00
60	Dubuque	24	1903	28	.25		25.00
61	Fairfield	16	1902	10	.25		17.00
62	Iowa City	18	1902	14	.50		
63	Keokuk	19	"	23	.50		30.00
64	Marshalltown	13	1902	18	.50		
65	Muscatine	7	1900	12	.50	"	"
66	Oskaloosa	23	1903	16	.50		
67	Ottumwa	9	1891	18	.75	75.00	
68	Sioux City	5	1900	42	.50		100.00
69	Waterloo	28	1905	29	.50	45.00	

BRIDGE AND STRUCTURAL

70	Cedar Rapids	89	1905	12	.75		

BREWERY WORKERS

71	Burlington	243	1901	36	.50	100.00	
72	Cedar Rapids	316	1902	24	.50	25.00	
73	Clinton	314	1902	15	.50	32.00	
74	Davenport	364	1904	35	.75	"	"
75	Davenport	365	1904	30	.75	"	"
76	Davenport	98	1892	71	1.00		272.00
77	Dubuque	322	1903	94	.50	350.00	
78	Ottumwa	158	1906	27	.50		

BUTCHER WORKMEN OF

79	Davenport	279	1903	38	.50		150.00

CARMEN, RAILWAY

80	Burlington	302	1906	76	.35		
81	Council Bluffs	93	1902	200	.25		100.00
82	Davenport	273	1903	82	.50		
83	Dubuque	275	1901	336	.35		
84	Fort Dodge	107	1904	20	.35		
85	Mason City	282	1903	25	.25	40.00	
86	Missouri Valley	253	1906	40	.40		
87	Ottumwa	51	1903	19	.40		
88	Sioux City	266	1903	36	.35		
89	Valley Junction	301	1903	75	.75	300.00	150.00
90	Waterloo	355	1903	16	.35		

IOWA—CONTINUED.

INTERNATIONAL UNION.

Demand Employment of Union Men Only	Working hours per day	Wages: Minimum Wage	Unit per	Maximum Wage	Variation since 1905: Minimum Wage	Variation since 1905: Maximum Wage	Number of strikes since Dec. 31, 1905	Marginal Number
Yes	8	.62½	hour	.62½				55
Yes	8	.62½	hour	.62½	13.64% incr	13.64% incr	n	56
Yes	8	.55	hour	n	22.22% incr	n		57
Yes	8	.62½	hour	.62½	11.60% incr	11.60% incr		58
Yes	8	.60	hour	.60	20.00% incr	20.00% incr		59
Yes	8	.50	hour	.60	42.86% incr	33.33% incr		60
Yes	9		hour					
		brickl. .55 5-9		brickl. .55 5-9				
		stonem. .40		stonem. .40				61
Yes	8	.56¼	hour	.56¼	12.50% incr	12.50% incr		62
Yes	9	.60	hour	.60	20.00% incr	20.00% incr		63
Yes	9		hour					
		brickl. .50		brickl. .50				
		stonem. .40		stonem. .40				64
Yes	8	.55	hour	.55	10.00% incr	10.00% incr	n	65
Yes	8	.55	hour	.55	10.00% incr	10.00% incr		66
Yes	8	.62½	hour	.62½	13.64% incr	13.64% incr		67
Yes	9	.55	hour	.55				68
Yes	9	.65	hour	.65	18.18% incr	18.18% incr		69

IRON WORKERS UNION.

Yes	9	4.00	day	4.00	14.29% incr	14.29% incr		70

INTERNATIONAL UNION.

Yes	10	12.00	week	18.00				71
Yes	10	12.00	week	17.50				72
Yes	10	10.00	week	18.00	"	"		73
Yes	10	16.00	week	17.00	14.28% incr	13.33% incr	1	74
No	8	2.00	day	2.50	9.09% incr	7.14% incr	1	75
Yes	8	16.00	week	22.00	14.28% incr	10.00% incr	1	76
Yes	9	10.50	week	16.00	13.51% incr	8.48% incr		77
Yes	9	12.50	week	25.00	8.69% incr	25.00% incr		78

NORTH AMERICA.

Yes	11½	8.00	week	20.00				79

BROTHERHOOD OF

No	10	.19	hour	.30	15.06% incr	11.11% incr		80
No	10	.17½	hour	.23	12.90% incr	9.52% incr		81
No	10	.17	hour	.30	13.33% incr	7.14% incr		82
No	10	.17½	hour	.27½	6.06% incr	3.77% incr		83
No	10	.17½	hour	.26	12.90% incr	8.33% incr		84
No	10	.18	hour	.18	5.88% incr	5.88% incr		85
No	10	.17½	hour	.26	6.06% incr	10.64% incr		86
No	10	.19	hour	.22½	8.57% incr	7.14% incr		87
No	10	.17	hour	.27				88
No	10	.15	hour	.31	2.39% incr	2.48% incr	1	89
Yes	10	.17½	hour	.28	9.91% incr	9.80% incr		90

TRADE UNIONS IN

CAR WORKERS

Marginal Number	Location of Union	Number of Local	Year Organized	Number of Members	Per Capita dues per Month	Sick Benefit paid during 1906-1907	Funeral Benefit paid during 1906-1907
91	Estherville	320	1903	20	.50		
92	Marshalltown	74	1906	110	.50		

CARPENTERS AND JOINERS

93	Boone	315	1898	11	.50	6.00	50.00
94	Cedar Rapids	308	1897	240	.75	100.00	
95	Cedar Rapids (a)	1791	1906	25	.65		
96	Centerville	597	1901	35	.50	50.00	
97	Clinton	788	1906	59	.50	300.00	
98	Council Bluffs	364	1892	72	.50	400.00	
99	Creston	634	902	10	.50		
100	Davenport	554	1890	160	.60		
101	Davenport	1,272	1902	144	.60	274.00	400.00
102	Des Moines	106	1898	585	.65	700.00	1,200.00
103	Des Moines	425	1883	119	.60	125.00	
104	Dubuque	1,289	1904	75	.55		
105	Iowa City	1260	1902	18	.50		
106	Keokuk	523	1901	25	.50		
107	Marion	1171	1902	19	.50	20.00	
108	Marshalltown	1112	1902	49	.50	80.00	200.00
109	Muscatine	1069	1892	70	.50		
110	Mystic	1213	1902	17	.50		
111	Oelwein	1508	1903	10	1.00 a yr.		
112	Oskaloosa	1034	1902	59	.60	141.00	450.00
113	Ottumwa	767	1900	40	.60	40.00	
114	Sioux City	1107	1906	30	.50		
115	Waterloo	1835	1907	150	.60	40.00	105.00

(a) Millmen.

CIGARMAKERS

116	Burlington	72	1880	106	1.20	724.00	1,140.00
117	Cedar Rapids	454	1900	38	1.20	30.00	
118	Council Bluffs	177	1882	26	1.20	n	n
119	Davenport	172	1885	156	1.20	737.00	200.00
120	Des Moines	111	1880	103	1.20	420.00	
121	Dubuque	88	1882	30	1.20	260.00	590.00
122	Fairfield	490	1901	14	1.20	70.00	n
123	Fort Dodge	270	1905	24	1.20	117.00	
124	Fort Madison	181	1887	30	1.20	70.00	50.00
125	Keokuk	60	1880	56	1.20	175.00	350.00
126	Mount Pleasant	155	1882	5	1.20	120.00	
127	Muscatine	120	1883	34	1.20	34.00	580.00
128	Oelwein	456	1902	12	1.20	15.00	
129	Oskaloosa	277	1886	47	1.20	55.00	
130	Ottumwa	223	1906	21	1.20	48.00	
131	Sioux City	150	1881	80	1.20	70.00	
132	Waterloo	496	1902	14	1.20	85.00	400.00

CEMENT WORKERS

133	Waterloo	101	1907	14	.50		

(n) Not reported.

IOWA—CONTINUED.

INTERNATIONAL ASS'N OF.

Demand Employment of Union Men Only	Working hours per day	Wages: Minimum Wage	Unit per	Wages: Maximum Wage	Variation since 1905: Minimum Wage	Variation since 1905: Maximum Wage	Number of strikes since Dec. 31, 1905	Marginal Number
Yes	10	.18	hour	.27	5.26% incr	8.00% incr	1	91
Yes	10	.16	hour	.28	16.36% incr	8.74% incr	1	92

OF AMERICA.

No	9	.25	hour	.35	12.50% incr	18.87% incr		93
Yes	8	3.25	day	4.00	25.00% incr	20.00% incr		94
No	10	2.75	day	2.95	7.55% incr	7.27% incr		95
Yes	9	.25	hour	.30				96
No	10	.16	hour	.30	6.66% incr	3.45% incr		97
Yes	8	.37½	hour	.45	7.14% incr	5.85% incr		98
No	9	.25	hour	.30				99
Yes	8	.37½	hour	n	15.38% incr	n	1	100
Yes	8	.37½	hour	n	15.38% incr	n	1	101
Yes	8	.40	hour	.45	23.08% incr	20.00% incr		102
Yes	9	.30	hour	.30	9.09% incr	9.09% incr	2	103
n	n	n	n	n	n	n	1	104
No	9	2.50	day	2.50				105
No	10	2.50	day	3.00		9.09% incr		106
No	9	2.00	day	2.50		11.11% incr		107
Yes	9	.33 1-3	hour	.40				108
Yes	9	.37 7-9	hour	n	23.33% incr	n		109
Yes	9	2.50	day	3.75	11.11% incr			110
No	10	.25	hour	.30	25.00% incr	20.00% incr		111
Yes	9	.30	hour		33.33% incr	n		112
Yes	8	2.70	day	3.00	13.45% incr	11.94% incr	n	113
No	9	.25	hour	.30	9.80% incr	10.09% incr	1	114
No	9	.30	hour	.33 1-3	12.50% incr	n		115

INTERNATIONAL UNION.

No	8	n	n	n	n	n		116
Yes	8	8.00	1,000	17.00				117
Yes	8	8.00	1,000	16.00				118
Yes	8	8.00	1,000	15.00				119
Yes	8	n	1,000	n				120
Yes	8	10.00	1,000	16.00				121
Yes	8	10.00	1,000	15.00				122
Yes	8	8.00	1,000	15.00				123
Yes	8	7.00	1,000	16.00			n	124
Yes	8	9.00	1,000	19.00	12.50% incr	5.55% incr		125
Yes	8	8.00	1,000	11.00				126
Yes	8	8.00	1,000	n				127
Yes	8	8.50	1,000	10.50				128
Yes	8	n	1,000	n			n	129
Yes	8	8.00	1,000	16.00				130
Yes	8	8.00	1,000	16.00				131
Yes	8	9.00	1,000	18.00	12.50% incr	5.88% incr		132

UNION.

Yes	10	.30	hour	.35				133

(n) Not reported.

TRADE UNIONS IN

CLERKS, RETAIL

Marginal Number	Location of Union	Number of Local	Year Organized	Number of Members	Per Capita dues per Month	Sick Benefit paid during 1906-1907	Funeral Benefit paid during 1906-1907
134	Cedar Rapids	206	1899	36	.50	15.00	
135	Centerville	395	1900	25	1.25		
136	Chariton	401	1903	7	.35		
137	Davenport	405	1899	43	.50	60.00	100.00
138	Des Moines	30	1900	35	.50		
139	Dubuque	301	1901	n	.50		
140	Fort Madison	772	1903	30	men .50 women .35	3.00	
141	Keokuk	474	1901	16	.30	35.00	
142	Muscatine	93	n	45	.50	30.00	
143	Ottumwa	87	1890	45	.50	20.00	
144	Waterloo	781	1906	43	.50	10.00	

CONDUCTORS, RAILWAY

145	Belle Plaine	410	n	n	n	n	n
146	Boone	34	n	n	n	n	n
147	Burlington	31	1870	47	.60		
148	Cedar Rapids	58	n	n	n	n	n
149	Clinton	33	1882	110	.50	n	n
150	Creston	21	n	n	n	n	n
151	Des Moines	38	n	n	n	n	n
152	Dubuque	347	1893	102	.60		100.00
153	Eagle Grove	164	1885	51	$10 a year	300.00	300.00
154	Eldon	457	1903	23	$4 a year		
155	Estherville	353	1893	33	$4 a year		
156	Fort Dodge	93	n	n	n	n	n
157	Marion	203	n	n	n	n	n
158	Oskaloosa	4	1879	64	.16 2-3	n	n
159	Ottumwa	216	n	n	n	n	n
160	Ottumwa	496	1906	30	.50		
161	Perry	84	1893	49	$2 a year		
162	Sanborn	22	n	n	n	n	n
163	Sioux City	232	1888	200	.25		
164	Valley Junction	361	n	n	n	n	n
165	Waterloo	67	n	n	n	n	n

COOPERS

166	Cedar Rapids	57	1900	33	.50	40.00	
167	Des Moines	82	1900	7	.50		
168	Ottumwa	126	1899	33	.50	26.00	10.00

ELECTRICAL WORKERS

169	Boone	372	1903	25	1.00		
170	Burlington	525	1906	36	.75	7.50	
171	Cedar Rapids	253	1902	33	1.00		
172	Dubuque	198	1901	39	1.00	65.00	
173	Keokuk	420	1905	14	.75	15.00	
174	Ottumwa	173	1901	33	.50	n	n
175	Sioux City	47	1899	76	1.00	516.00	
176	Waterloo	288	1902	45	1.00	195.00	

(n) Not reported.

IOWA—CONTINUED.

INTERNATIONAL PROTECTIVE ASS'N.

Demand Employment of Union Men Only	Working hours per day	Wages: Minimum Wage	Wages: Unit per	Wages: Maximum Wage	Variation since 1905: Minimum Wage	Variation since 1905: Maximum Wage	Number of Strikes since Dec. 31, 1905	Marginal Number
Yes	9½	9.50	week	24.00				134
No	11	n		n				135
No	10	25.00	month	75.00				136
Yes	9	12.00	week	12.00				137
Yes	10	n		n				138
n	10	n		n	n	n		139
n	9	n	n	n				140
No	10	4.00	week	12.00				141
No	10	n		n				142
No	10	n		n	n	n		143
Yes	10	12.00	week	15.00	9.09% incr	25.00% incr		144

ORDER OF.

n	n	n	n	n	n	n	n	145
n	n	n	n	n	n	n	n	146
No	10	88.58	month	150.00	10% incr	7% incr		147
n	n	n	n	n	n	n	n	148
No	n	n	n	n	n	n		149
n	n	n	n	n	n	n	n	150
n	n	n	n	n	n	n	n	151
No	10	3.80	100 mile	n	10% incr	n		152
No	10	3.80	100 mile	n	15% incr	n		153
No	10	3.80	100 mile	3.80	10% incr	10% incr		154
No	10	3.80	100 mile	3.80	10% incr	10% incr		155
n	n	n	n	n	n	n	n	156
n	n	n	n	n	n	n	n	157
No	10	3.45	100 mile	3.80	5% incr	5% incr		158
n	n	n	n	n	n	n	n	159
No	10	3.68	100 mile	4.11	10% incr	10% incr		160
No	10	3.74	100 mile	3.74	10% incr	10% incr		161
n	n	n	n	n	n	n	n	162
No	10	3.45	100 mile	4.62	12% incr	12% incr		163
n	n	n	n	n	n	n	n	164
n	n	n	n	n	n	n	n	165

INTERNATIONAL UNION.

Yes	10	2.25	day	2.90	7.14% incr	5.45% incr		166
Yes	10	n	piece	n	n	n	n	167
No	10	.24	hour	.28½	3.23% incr	2.68% incr	1	168

INTERNATIONAL BROTHERHOOD.

n	9	2.50		75.00 m				169
No	9	1.75	day	2.50				170
Yes	8	2.50	day	3.50				171
n	9	2.00	day	3.00	14.29% incr	20.00% incr		172
No	9	2.50	day	2.50	6.38% incr	6.38% incr		173
No	9	57.50	month	75.00	13.80% incr	13.64% incr		174
No	9	2.50	day	3.00				175
No	9	2.75	day	n	10.00% incr	n		176

(n) Not reported.

TRADE UNIONS IN

ENGINEERS, LOCOMOTIVE

Marginal Number	Location of Union	Number of Local	Year Organized	Number of Members	Per Capita dues per Month	Sick Benefit paid during 1906-1907	Funeral Benefit paid during 1906-1907
177	Belle Plaine	526	(n)	(n)	(n)	(n)	(n)
178	Boone	6	1867	145	.75		
179	Burlington	151	1904	49	.80		
180	Cedar Rapids	159	(n)	(n)	(n)	(n)	(n)
181	Centerville	56	1905	40	$5 a year		
182	Cherokee	699	1906	19	.88		
183	Clarion	658	1904	42	(n)		
184	Clarion	654	1904	28	.75		
185	Clinton	125	1870	108	(n)		
186	Council Bluffs	655	1904	16	(n)	(n)	(n)
187	Creston	642	(n)	(n)	(n)	(n)	(n)
188	Des Moines	113	(n)	(n)	(n)	(n)	(n)
189	Dubuque	119	1882	100	1.00		
190	Eagle Grove	211	(n)	(n)	(n)	(n)	(n)
191	Eldon	181	1874	51	1.00	64.00	
192	Estherville	605	1903	40	1.00		
193	Fort Dodge	226	1880	62	1.00		
194	Fort Madison	391	1888	100	(n)		200.00
195	Marshalltown	600	(n)	(n)	(n)	(n)	(n)
196	Mason City	117	(n)	(n)	(n)	(n)	(n)
197	Mason City	229	(n)	(n)	(n)	(n)	(n)
198	Oskaloosa	146	1897	47	.25		
199	Ottumwa	538	(n)	(n)	(n)	(n)	(n)
200	Ottumwa	643	1904	64	.70	55.00	
201	Perry	303	(n)	(n)	(n)	(n)	(n)
202	Sanborn	131	1885	32	.25	25.00	
203	Sioux City	82	1881	75	$4 a year		
204	Sioux City	490	(n)	51	.50		
205	Sioux City	555	(n)	(n)	(n)	(n)	(n)
206	Sioux City	687	1905	20	.50		
207	Stuart	184	1874	15	.50		
208	Valley Junction	525	(n)	101	1.00		
209	Waterloo	114	(n)	(n)	(n)	(n)	(n)

(*)Engineers work on a basis of 10 hours per day and are limited to 16 hours, some runs occupy only 4 or 5 hours.

ENGINEERS

210	Cedar Rapids	301	1905	25	.60		
211	Dubuque	204	1904	18	.50	(n)	(n)

FIREMEN, LOCOMOTIVE

212	Boone	25	1873	145	(n)		
213	Burlington	161	(n)	(n)	(n)	(n)	(n)
214	Belle Plaine	311	(n)	(n)	(n)	(n)	(n)
215	Cedar Rapids	27	1879	126	(n)		
216	Clinton	34	(n)	106	$4 a year		
217	Cherokee	79	(n)	(n)	(n)	(n)	(n)
218	Carroll	112	(n)	(n)	(n)	(n)	(n)
219	Centerville	531	(n)	(n)	(n)	(n)	(n)
220	Creston	640	(n)	(n)	(n)	(n)	(n)
221	Clarion	658	(n)	(n)	(n)	(n)	(n)
222	Des Moines	102	(n)	(n)	(n)	(n)	(n)
223	Des Moines	547	(n)	(n)	(n)	(n)	(n)
224	Dubuque	322	1888	47	(n)	50.00	22.50
225	Dubuque	106	(n)	40	(n)		
226	Eldon	337	(n)	(n)	(n)	(n)	(n)

(n) Not reported

IOWA—CONTINUED.

BROTHERHOOD OF.

Demand Employment of Union Men Only	Working hours per day	Wages: Minimum Wage	Unit per	Maximum Wage	Variation since 1905: Minimum Wage	Variation since 1905: Maximum Wage	Number of strikes since Dec. 31, 1905	Marginal Number
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	177
No	*10	3.90	100 mile	4.80	11.43% incr	9.09% incr	1	178
No	10	3.75	100 mile	5.00	10% incr	10% incr		179
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	180
No	10	125.00	month	158.00	10% incr	10% incr		181
No	10	4.00	100 mile	4.75	6.67% incr	9.19% incr		182
No	10	(n)	(n)	(n)	9% incr	9% incr		183
No	10	(n)	(n)	(n)	(n)	(n)		184
No	10	(n)	(n)	(n)	(n)	(n)		185
No	10	(n)	(n)	(n)	10% incr	10% incr		186
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	187
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	188
No	10	90.00	month	150.00	2.97% incr	8.06% incr		189
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	190
No	10	3.70	100 mile	5.00	10% incr	10% incr		191
No	10	3.50	100 mile	5.00	10% incr	10% incr		192
No	10	3.75	day	6.00	(n)	(n)		193
No	10	3.75	100 mile	4.80	29.31% incr	5.49% incr		194
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	195
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	196
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	197
Yes	10	3.75	100 mile	4.50		2% incr		198
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	199
Yes	10	3.10	100 mile	5.00	14.81% incr	8.70% incr		200
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	201
No	10	3.00	100 mile	4.80	15.38% incr	9.09% incr		202
No	10	3.50	100 mile	5.10	5% incr	5% incr		203
No	10	3.80	100 mile	4.75	10% incr	10% incr		204
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	205
No	10	3.75	100 mile	5.15	11.94% incr	8.42% incr		206
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	207
No	10	3.75	100 mile	5.00	11.94% incr	8.70% incr		208
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	209

STATIONARY.

Yes	9	14.00	week	15.00	16.66% incr	15.38% incr		210
Yes	10	13.50	week	18.00				211

BROTHERHOOD OF.

No	10	2.50	100 mile	3.15	(n)	(n)		212
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	213
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	214
No	10	2.20	100 mile	3.00	12.82% incr	9.09% incr		215
No	10	2.25	100 mile	2.90	4.66% incr	9.48% incr		216
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	217
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	218
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	219
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	220
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	221
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	222
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	223
No	10	2.50	100 mile	3.25	8.70% incr	6.56% incr		224
No	10	2.25	100 mile	3.15	15.38% incr	12.50% incr		225
(n)	(n)	(n)	(n)	(n)	(n)	(n)	(n)	226

(n) Not reported.

TRADE UNIONS IN

FIREMAN, LOCOMOTIVE

Marginal Number	Location of Union	Number of Local	Year Organized	Number of Members	Per Capita dues per Month	Sick Benefit paid during 1906-1907	Funeral Benefit paid during 1906-1907
227	Estherville	288	n	n	n	n	n
228	Fort Madison	391	1888	95	n		
229	Fort Dodge	222	n	66	n	150.00	
230	Hawarden	122	n	n	n	n	n
231	Mason City	29	1880	59	n	n	n
232	Marshalltown	125	n	n	n	n	n
233	Ottumwa	293	n	n	n	n	n
234	Ottumwa	41	1903	53	n	n	n
235	Oskaloosa	560	1900	38	n		
236	Perry	124	1883	80	n		
237	Sanborn	190	n	42	n	97.60	1,500.00
238	Sioux City	64	1881	132	n	n	625.00
239	Sioux City	112	1873	40	n		
240	Valley Junction	249	n	n	n	n	n
241	Waterloo	30	1883	86	n		

(*)Firemen work on a basis of 10 hours per day, and are limited to 16 hours, some runs occupy only 4 or 5 hours.

(b)Dues are based on amount of insurance carried.

FLOUR AND CEREAL

242 Cedar Rapids	69	1904	9	.50		

FOUNDRY EMPLOYES

243 Burlington	18	1903	30	.50	n	n

FREIGHT HANDLERS

244 Des Moines	106	1907	32	.50		

(a)Females.

GARMENT WORKERS

245 Oskaloosa (a)	76	1901	114	.50	298.50	
246 Ottumwa (a)	148	1901	22	.50		

GLASS WORKERS

247 Davenport	27	1903	20	.60		75.00

HELPERS AND LABORERS

248 Valley Junction	12263	1906	70	.50	50.00	

(n) Not reported.

IOWA—CONTINUED.

BROTHERHOOD OF—CONTINUED

Demand Employment of Union Men Only	Working hours per day	Wages: Minimum Wage	Unit per	Wages: Maximum Wage	Variation since 1905: Minimum Wage	Variation since 1905: Maximum Wage	Number of strikes since Dec. 31, 1905	Marginal Number
n	n	n	n	n	n	n	n	227
No	10	2.25	100 mile	3.45	10% incr	10% incr		228
No	10	n	n	n	10% incr	10% incr		229
n	n	n	n	n	n	n	n	230
No	10	2.50	100 mile	3.15	8.69% incr	6.78% incr		231
n	n	n	n	n	n	n	n	232
n	n	n	n	n	n	n	n	233
No	10	2.25	100 mile	3.30	10% incr	10% incr		234
No	10	n	n	n	5% incr	5% incr		235
No	10	2.70	100 mile	n	10% incr	n		236
No	10	2.25	100 mile	2.90	9.76% incr	7.40% incr		237
No	10	2.50	100 mile	3.15	4.17% incr	13.87% incr		238
No	10	2.50	100 mile	3.05	4.17% incr	8.93% incr		239
n	n	n	n	n	n	n	n	240
No	10	65.00	month	153.00	18% incr	18% incr		241

MILL EMPLOYES.

Yes	10 & 12	13.00	week	20.00	7.65% incr	13.06% incr		242

UNION.

Yes	10	1.75	day	2.00	6.06% incr	5.26% incr		243

INTERNATIONAL UNION.

No	10½	.16½	hour	50.00 m	10.00% incr	5.26% incr	1	244

UNITED OF AMERICA.

Yes	8	3.00	week	piece work	n	n		245
Yes	8	1.25	day	1.50	n	n		246

AMALGAMATED.

No	9	n	n	n				247

RAILROAD, UNION.

No	10	.16	hour	.25	6.66% incr	8.70% incr		248

(n) Not reported.

TRADE UNIONS IN

HOD CARRIERS AND BUILDING LABORERS

Marginal Number	Location of Union	Number of Local	Year Organized	Number of Members	Per Capita dues per Month	Sick Benefit paid during 1906-1907	Funeral Benefit paid during 1906-1907
249	Cedar Rapids	224	1906	103	.65	10.00	
250	Dubuque	102	1902	44	.25	65.00	

HORSESHOERS UNION

251	Dubuque	174	1902	12	.50		
252	Waterloo	181	1905	6	.50	50.00	

HOTEL AND RESTAURANT

253	Des Moines	223	1900	30	.50		
254	Keokuk	535	1903	71	.60	327.50	

LATHERS WOOD, WIRE AND METAL

255	Cedar Rapids	115	1898	15	1.00		100.00
256	Davenport	146	1902	8	.50		
257	Dubuque	158	1903	10	.50		

LEATHER WORKERS

258	Boone	53	1900	6	1.00	80.00	
259	Burlington	96	1901	26	1.00	100.00	80.00
260	Davenport	11	1897	93	1.00	110.00	
261	Oskaloosa	103	1902	23	1.00	50.00	

MACHINISTS

262	Boone	273	1892	31	1.00		
263	Burlington	531	1902	15	1.00	50.00	
264	Cedar Rapids	262	1892	100	1.25	150.00	250.00
265	Clinton	283	1899	95	1.00		
266	Creston	582	1902	25	1.00		
267	Des Moines	254	n	32	1.25		
268	Davenport	388	n	160	1.00	50.00	100.00
269	Dubuque	379	1901	175	1.00		525.00
270	Dubuque (helpers)	9713	1902	85	.50		
271	Fort Madison	219	1901	10	1.25	n	n
272	Missouri Valley	171	n	44	1.00		
273	Muscatine	116	1902	6	1.00		
274	Oelwein	290	1899	18	1.25		200.00
275	Ottumwa	269	n	85	1.00		150.00
276	Sioux City	178	1901	60	1.25		
277	Waterloo	314	n	85	1.00		

(a) 50 men railroad machinists, affected.
(b) Men in railroad shops only affected.
(n) Not reported.

IOWA—CONTINUED.

INTERNATIONAL UNION.

Demand Employment of Union Men Only	Working hours per day	Wages: Minimum Wage	Unit per	Maximum Wage	Variation since 1905: Minimum Wage	Variation since 1905: Maximum Wage	Number of strikes since Dec. 31, 1905	Marginal Number
Yes	8	2.00	day	2.75	14.29% incr	10.00% incr		249
Yes	8	2.80	day	2.80	16.66% incr	16.66% incr		250

JOURNEYMEN.

Yes	10	2.75	day	3.00				251
Yes	10	2.50	day	3.50	11.11% incr	7.70% incr		252

EMPLOYES UNION.

No	11	10.00	week	25.00				253
Yes	10	10.00	week					254

INTERNATIONAL UNION.

Yes	8	4.00	day	4.25	33.33% incr	30.77% incr	1	255
Yes	8	2.00	day	3.00	14.29% incr	9.09% incr		256
Yes	8	3.75	day	3.75	36.36% incr	36.36% incr		257

UNITED BROTHERHOOD OF

No	10	2.00	day	2.00				258
No	10	12.00	week	18.00				259
No	8 & 10	2.25	day	3.00	7% incr	7% incr	1	260
No	10	15.00	week	n				261

INTERNATIONAL ASSOCIATION OF

Yes	10	.35	hour	.37	9.37% incr	8.82% incr		262
No	10	1.50	day	3.25	n	n		263
No	10	.25	hour	.36		9.09% incr		264
No	10	.26	hour	.37		8.82% incr		265
No	10	.37	hour	.37	8.82% incr	8.82% incr		266
No	10	.30	hour	.38	11.11% incr	8.57% incr	1	267
Yes	9	.30	hour	.37½	7.14% incr	5.63% incr		268
No	10	.30	hour	.37	10.00% incr	10.00% incr	1	269
Yes	10	.17½	hour	.27	6.06% incr	5.88% incr		270
No	10	.34	hour	n	n	n	1	271
Yes	10	.37	hour	.37	8.82% incr	8.82% incr		272
No	10	2.50	day	3.75	10.00% incr	10% incr	1	273
No	10	2.50	day	4.00		6.66% incr	2	274
No	10	.33⅓	hour	.37½	n	6.66% incr	1	275
No	10	.30	hour	.40	n	15.94% incr		276
Yes	10	.37	hour	.37	8.82% incr	8.82% incr		277

(n) Not reported.

TRADE UNIONS IN

MAINTENANCE OF WAY EMPLOYES

Marginal Number	Location of Union	Number of Local	Year Organized	Number of Members	Per Capita dues per Month	Sick Benefit paid during 1906-1907	Funeral Benefit paid during 1906-1907
278	Council Bluffs	215	1906	28	forem. .50		
279	Fort Dodge	199	1906	62	tckm. .25		

METAL WORKERS, SHEET

280	Cedar Rapids	263	1902	36	.75		
281	Clinton	255	1902	14	.50		
282	Council Bluffs	90	1900	15	.50		
283	Davenport	299	1905	13	.50		
284	Des Moines	123	1900	28	.50		
285	Muscatine	330	1903	9	.50		100.00
286	Ottumwa	147	1901	17	.50		

MOLDERS UNION, INTERNATIONAL

287	Cedar Rapids	193	1889	45	.40 to	100.00	300.00
288	Davenport	118	n	36	.40 to	118.00	
289	Keokuk	79	1872	12	.40 to	60.00	
290	Ottumwa	205	1900	33	.40 to		150.00
291	Waterloo	459	1904	100	.40 to	441.60	250.00

MUSICIANS

292	Clinton	79	1900	65	.25		
293	Council Bluffs	212	1902	26	$4 a year		
294	Davenport	67	1897	185	$3 a year		
295	Des Moines	75	1896	172	$3 a year		
296	Dubuque	289	1903	80	.50 a qr.		
297	Fort Madison	273	1906	39	.50 a qr.		
298	Ottumwa	64	n	51	.12½		
299	Waterloo	334	1907	58	.25		

(a) Musicians receive compensation varying with character of engagement; and hours are irregular.

MINE WORKERS

300	Albia	793	1899	150	.50		
301	Altoona	407	1902	40	.60	40.00	300.00
302	Ankeny	2470	1907	59	.50		
303	Ankeny	1907	1905	169	.50	n	900.00
304	Avery	242	1904	14	.50		
305	Blyth	326	1906	85	.50		200.00
306	Bolton	426	1903	107	.50		300.00
307	Boone	889	1897	400	.50		
308	Brazil	201	1898	200	.50	400.00	600.00
309	Bussey	2482	1903	175	.50	n	n
310	Bussey	69	1899	8	.50	n	n
311	Buxton	1178	n	66	.50	n	n
312	Buxton	1799	n	1,292	.50	n	3,000.00
313	Carbondale	949	1896	176	.50	223.00	200.00
314	Centerville	1873	1905	65	.50		
315	Centerville	553	1898	1,000	.50		1,400.00
316	Chariton	1933	n	25	.50		

(n) Not reported.

IOWA—CONTINUED.

INTERNATIONAL BROTHERHOOD OF

Demand Employment of Union Men Only	Working hours per day	Wages: Minimum Wage	Wages: Un per	Wages: Maximum Wage	Variation since 1905: Minimum Wage	Variation since 1905: Maximum Wage	Number of strikes since Dec. 31, 1905	Marginal Number
No	10	.15	hour	65.00 n	7.14% incr	8.33% incr		278
No	10	.15	hour	65.00 n	11.11% incr	8.33% incr		279

INTERNATIONAL ALLIANCE.

Yes	8	2.50	day	n	12.36% incr	n		280
Yes	9	2.25	day	3.00				281
Yes	8	.35	hour	.50	40.00% incr			282
Yes	8	.31½	hour	.35	25.00% incr			283
No	8	.37½	hour	n	25.00% incr			284
Yes	9	2.25	day	2.70				285
Yes	9	2.25	day	3.00	12.50% incr	n		286

OF NORTH AMERICA.

No	9	3.00	day	n	30.00% incr		1	287
No	10	2.75	day	2.75				288
Yes	10	3.00	day	n	9.07% incr	n		289
Yes	10	2.75	day	3.40		13.33% incr		290
Yes	9	3.25	day	3.75	18.18% incr	15.38% incr		291

AMERICAN FEDERATION OF.

Yes	(a)	(a)	(a)	(a)	n	n		292
Yes	n	n	n	n				293
Yes	n	n	n	n	20% incr	n		294
Yes	n	n	n	n	n	n		295
n	n	n	n	n	n	n	n	296
Yes	n	3.00	day	4.50			n	297
Yes	n	n	n	n	n	n	n	298
Yes	n	3.00	day	6.00				299

UNITED, OF AMERICA.

Yes	8	*1.90	day	*2.56(a)	5.56% incr	5.55% incr		300
Yes	8	2.33	day	2.70	5.56% incr	5.55% incr		301
Yes	8	2.33	day	2.70	5.56% incr	5.55% incr		302
Yes	8	1.90	day	2.70	5.56% incr	5.55% incr		303
Yes	8	1.90	day	2.56	5.56% incr	5.55% incr		304
Yes	8	1.90	day	2.56	5.56% incr	5.55% incr		305
Yes	8	1.90	day	2.70	5.56% incr	5.55% incr		306
Yes	8	1.90	day	2.70	5.56% incr	5.55% incr		307
Yes	8	1.90	day	2.56	5.56% incr	5.55% incr		308
Yes	8	1.90	day	2.70	5.56% incr	5.55% incr		309
Yes	8	1.90	day	2.70	5.56% incr	5.55% incr		310
Yes	8	2.33	day	2.56	5.56% incr	5.55% incr		311
Yes	8	2.33	day	2.56	5.56% incr	5.55% incr		312
Yes	8	1.91	day	2.56	5.56% incr	5.55% incr	n	313
Yes	8	2.00	day	2.56	5.56% incr	5.55% incr		314
Yes	8	1.90	day	2.56	5.56% incr	5.55% incr		315
Yes	8	2.33	day	2.56	5.56% incr	5.55% incr		316

(n) Not reported.

Marginal Number	Location of Union	Number of Local	Year Organized	Number of Members	Per Capita dues per Month	Sick Benefit paid during 1906-1907	Funeral Benefit paid during 1906-1907
317	Clarkdale	239	1898	80	.50	200.00	150.00
318	Cleveland	1120	1899	125	.50	500.00	n
319	Coal City	1616	1901	28	.50	n	n
320	Coalfield	1318	1899	43	.50	n	n
321	Coalville	392	1899	133	.50	n	100.00
322	Colfax	56	1899	352	.50		
323	Darbyville	2652	1908	50	.50	n	n
324	Des Moines	1042	1902	185	.50	250.00	300.00
325	Des Moines	55	1897	254	.50		600.00
326	Des Moines	1080	1907	125	.50	50.00	
327	Des Moines	1140	1900	180	.50	n	n
328	Des Moines	1047	1899	150	.50		600.00
329	Dunreath	1948	1901	15	.50	100.00	
330	Eddyville	333	1906	15	.50	n	n
331	Enterprise	2511	1903	340	.50		1,000.00
332	Evans	1932	1901	120	.50	n	n
333	Eveland	1655	1900	30	.50		
334	Everist	981	1905	480	.50		700.00
335	Exline	812	1899	200	.50	800.00	500.00
336	Flagler	534	n	100	.50	n	n
337	Foster	172	1900	125	.50	n	100.00
338	Fraker	1803	1905	120	.50	300.00	100.00
339	Fraser	1039	1899	200	.50		400.00
340	Hamilton	536	n	10	.50	n	n
341	Hickory	692	1908	140	.50		
342	High Bridge	2460	1907	90	.50		
343	Hiteman	916	1898	720	.50	1,200.00	600.00
344	Hocking	1121	1900	502	.50		100.00
345	Hynes	2741	1902	456	.50	13.00	900.00
346	Keb	154	n	6	.50	n	n
347	Laneville	1063	1907	27	.50		15.00
348	Lehigh	855	1899	100	.50		
349	Lucas	199	1899	57	.50	n	n
350	Madrid	1761	1900	180	.50		
351	Moingona	2768	1904	15	.50	10.00	100.00
352	New Market	1904	1901	9	.50		
353	Norwoodville	845	1897	380	.50		400.00
354	Numa	875	1894	340	.50		
355	Ogden	2433	1907	80	.50		
356	Oskaloosa	97	n	120	.50	n	n
357	Otley	1395	1900	12	.35	10.00	
358	Ottumwa	152	1891	165	.50		
359	Pelin	1993	1902	15	.50		
360	Rathbun	372	1898	119	.50	225.00	250.00
361	Runnels	1602	1900	95	.50	n	n
362	Rutledge	3645	1904	238	.50		
363	Saylor	1504	1901	90	.50		
364	Seymour	206	1889	300	.50	500.00	600.00
365	Shawville	2341	1898	120	.50	n	225.00
366	Valley Junction	10	1905	100	.50	n	200.00
367	What Cheer	841	1897	28	.50	n	n
368	Yoder	318	1906	80	.50	73.25	10.00

*The prices given in above table are for day labor only. The prices paid of lump coal; mine run varies from $.66 to $1.01 per ton.

(a) The 5.55% increase applies to all workmen in and about the mines, and is

(n) Not reported.

Demand Employment of Union Men Only	Working hours per day	Wages					Number of strikes since Jan. 1, 1905	Marginal Number
		Minimum Wage	Unit per	Maximum Wage	Variation since 1905 Minimum Wage	Variation since 1905 Maximum Wage		
Yes	8	n	n	n	5.55% incr	5.55% incr		317
Yes	8	2.36	day	2.56	5.55% incr	5.55% incr		318
Yes	8	1.90	day	2.56	5.55% incr	5.55% incr		319
Yes	8	2.36	day	2.56	5.55% incr	5.55% incr		320
Yes	8	1.91	day	2.56	5.55% incr	5.55% incr		321
Yes	8	2.36	day	2.56	5.55% incr	5.55% incr		322
Yes	8	2.36	day	2.56	5.55% incr	5.55% incr		323
Yes	8	n	n	n	5.55% incr	5.55% incr		324
Yes	8	1.91	day	2.70	5.55% incr	5.55% incr		325
Yes	8	1.13	day	2.56	5.55% incr	5.55% incr		326
Yes	8	n	n	n	5.55% incr	5.55% incr		327
Yes	8	n	n	2.56	5.55% incr	5.55% incr		328
Yes	8	n	n	n	5.55% incr	5.55% incr		329
Yes	8	2.56	day	3.37	5.55% incr	5.55% incr		330
Yes	8	2.36	day	2.56	5.55% incr	5.55% incr		331
Yes	8	1.90	day	2.80	5.55% incr	5.55% incr		332
Yes	8	2.56	day	3.00	5.55% incr	5.55% incr		333
Yes	8	1.13	day	2.56	5.55% incr	5.55% incr		334
Yes	8	n	n	n	5.55% incr	5.55% incr		335
Yes	8	n	n	n	5.55% incr	5.55% incr	n	336
Yes	8	1.13	day	2.56	5.55% incr	5.55% incr		337
Yes	8	1.90	day	2.56	5.55% incr	5.55% incr		338
Yes	8	2.36	day	2.70	5.55% incr	5.55% incr		339
Yes	8	n	n	n	5.55% incr	5.55% incr	n	340
Yes	8	1.90	day	2.56	5.55% incr	5.55% incr		341
Yes	8	2.36	day	2.80	5.55% incr	5.55% incr		342
Yes	8	2.36	day	2.56	5.55% incr	5.55% incr		343
Yes	8	2.36	day	2.70	5.55% incr	5.55% incr		344
Yes	8	2.36	day	2.56	5.55% incr	5.55% incr		345
Yes	8	n	n	n	5.55% incr	5.55% incr		346
Yes	8	1.13	day	2.56	5.55% incr	5.55% incr		347
Yes	8	1.90	day	2.56	5.55% incr	5.55% incr		348
Yes	8	n	n	n	5.55% incr	5.55% incr		349
Yes	8	1.90	day	3.37	5.55% incr	5.55% incr		350
Yes	8	1.90	day	2.56	5.55% incr	5.55% incr		351
No	8	2.36	day	2.56	5.55% incr	5.55% incr		352
Yes	8	1.90	day	3.37	5.55% incr	5.55% incr	1	353
Yes	8	1.90	day	2.56	5.55% incr	5.55% incr		354
Yes	8	2.36	day	2.70	5.55% incr	5.55% incr		355
Yes	8	2.36	day	2.80	5.55% incr	5.55% incr		356
Yes	8	n	n	n	5.55% incr	5.55% incr		357
Yes	8	1.90	day	2.56	5.55% incr	5.55% incr		358
Yes	8	1.90	day	2.56	5.55% incr	5.55% incr		359
Yes	8	2.36	day	2.56	5.55% incr	5.55% incr	2	360
Yes	8	1.90	day	2.56	5.55% incr	5.55% incr		361
Yes	8	1.90	day	2.56	5.55% incr	5.55% incr		362
Yes	8	2.38	day	2.56	5.55% incr	5.55% incr	1	363
Yes	8	2.25	day	2.56	5.55% incr	5.55% incr		364
Yes	8	n	n	n	5.55% incr	5.55% incr		365
Yes	8	1.90	day	2.70	5.55% incr	5.55% incr	1	366
Yes	8	1.90	day	2.56	5.55% incr	5.55% incr		367
Yes	8	1.90	day	2.56	5.55% incr	5.55% incr		368

for mining coal vary in the four sub-districts of Iowa from $.95 to $1.10 per ton

the restoration of the scale of 1902.

(n) Not reported.

PAINTERS, DECORATORS AND PAPERHANGERS

Marginal Number	Location of Union	Number of Local	Year Organized	Number of Members	Per Capita dues per Month	Sick Benefit paid during 1906-1907	Funeral Benefit paid during 1906-1907
369	Clinton	183	1900	80	.50		
370	Davenport	199	1898	75	.60		
371	Des Moines	246	1891	145	.50	200.00	
372	Dubuque	903	1902	102	.50	200.00	n
373	Oskaloosa	925	1908	16	.50		150.00
374	Sioux City	214	1904	43	.75	243.00	
375	Waterloo	494	1906	40	n	n	n

PATTERNMAKERS LEAGUE

376	Dubuque	3293	1907	11	1.00		

PLASTERERS ASSOCIATION,

377	Clinton	327	1905	6	.25		
378	Davenport	28	1902	30	.50	n	n
379	Des Moines	21	1890	40	.50		
380	Dubuque	145	n	12	.50	n	n
381	Mason City	253	1893	8	.50		

PLUMBERS, STEAM AND GAS FITTERS

382	Burlington	212	1900	6	.30 to		
383	Cedar Rapids	125	1877	18	.30 to	35.00	
384	Council Bluffs	474	1903	18	.30 to	30.00	
385	Davenport	387	1903	22	.30 to	90.00	
386	Des Moines	n	1890	88	.30 to	215.00	100.00
387	Dubuque	66	1891	25	.40 to	n	
388	Oelwein	415	1905	15	.30 to	150.00	
389	Sioux City	13	1907	21	.30 to		
390	Waterloo	384	1907	18	.30 to		

PRINTING PRESSMENS

391	Cedar Rapids	104	1898	46	.50		
392	Des Moines	86	1898	36	.75		
393	Des Moines (web)	11	1902	10	1.25		
394	Des Moines (feeders)	46	1903	25	.50	7.00	
395	Dubuque	101	1899	8	.50		
396	Ottumwa	96	1898	6	.50		
397	Sioux City	63	1898	17	.75	n	n

STAGE EMPLOYES

398	Davenport	85	1901	41	.50		
399	Des Moines	67	1905	51	.50		
400	Sioux City	40	1899	37	.50		

(n) Not reported

IOWA—CONTINUED.

BROTHERHOOD OF

Demand Employment of Union Men Only	Working hours per day	Wages: Minimum Wage	Unit per	Maximum Wage	Variation since 1905: Minimum Wage	Variation since 1905: Maximum Wage	Number of strikes since Dec. 31, 1905	Marginal Number
Yes	9	.30	hour	.32½	9.09% incr	8.33% incr	n	369
Yes	8	.35	hour	.35	16.66% incr	16.66% incr		370
Yes	8	.37½	hour	.37½				371
Yes	8	.37½	hour	n	20.00% incr	n		372
Yes	9	.27 7-9	hour	n				373
No	8	.37½	hour	.37½				374
No	9	.30	hour	.33 1-3	9.09% incr	8.10% incr	n	375

OF NORTH AMERICA.

Yes	10	.30	hour	.32½	8.50% incr	8.50% incr		376

OPERATIVE, OF AMERICA.

Yes	8	.55	hour	.55				377
Yes	8	5.00	day	5.00	25.00% incr	25.00% incr		378
Yes	8	4.50	day	4.50	12.50% incr	12.50% incr		379
Yes	8	4.50	day	4.50	12.50% incr	12.50% incr		380
Yes	9	4.00	day	4.00				381

UNITED ASSOCIATION OF

No	9	3.15	day	3.50				382
Yes	8	3.50	day	4.00	16.66% incr	14.29% incr		383
Yes	8	5.00	day	n	25.00% incr	n		384
No	8	3.50	day	n			1	385
Yes	8	4.00	day	4.25	14.29% incr	13.33% incr	1	386
Yes	8	4.00	day	4.00	14.29% incr	14.29% incr	1	387
No	10	.33⅓	hour	.33⅓	6.25% incr	6.25% incr	n	388
No	8	3.50	day	4.00				389
Yes	9	3.50	day	3.50			1	390

INTERNATIONAL UNION.

Yes	8	9.00	week	20.00	n	n		391
Yes	8	.16	hour	.20	45.45% incr	33.33% incr	1	392
Yes	8	22.00	week	n				393
Yes	8	12.00	week	12.00	20.00% incr	20.00% incr	1	394
No	8 & 8½	10.00	week	15.00				395
Yes	8	10.00	week	19.00	n	11.76% incr		396
Yes	8	16.00	week	n				397

INTERNATIONAL ALLIANCE.

Yes	n	$1.00	perform.	60.00 m	n	20.00% incr	n		398
Yes	8	2.00	day	5.00	20.00% incr	20.00% incr			399
Yes	n	14.00	week	20.00	n	n			400

(n) Not reported.

TRADE UNIONS IN

STEREOTYPERS AND ELECTROTYPERS

Marginal Number	Location of Union	Number of Local	Year Organized	Number of Members	Per Capita dues per Month	Sick Benefit paid during 1906-1907	Funeral Benefit paid during 1906-1907
401	Des Moines	40	1898	12	n		
402	Sioux City	41	1898	11	1.25		

STONE CUTTERS UNION

403	Dubuque	n	1887	16	.50		
404	Iowa City	n	1899	16	.50		

STREET AND ELECTRIC RAILWAY EMPLOYES

405	Burlington	212	1901	46	.75		
406	Davenport	312	1902	155	.75	450.00	
407	Des Moines	442	1906	42	.75		
408	Des Moines	441	1908	315	.75	200.00	100.00
409	Dubuque	329	1902	42	.75		
410	Ottumwa	199	1901	42	.75	125.00	n

SWITCHMENS UNION

411	Council Bluffs	6	1894	25	.35	n	n
412	Marshalltown	126	1894	15	.60	n	n
413	Oelwein	84	1899	24	n		
414	Oskaloosa	93	1903	15	.35		
415	Ottumwa	89	1901	40	n		
416	Waterloo	34	n	15	n	87.00	

TAILORS UNION

417	Boone	134	1903	7	.65		
418	Burlington	207	1896	35	.65	12.00	
419	Cedar Rapids	160	1899	34	.65		
420	Clinton	230	1898	16	.65		
421	Council Bluffs	231	1895	17	.65		100.00
422	Davenport	300	1900	40	.65	n	n
423	Dubuque	72	1893	39	.65		100.00
424	Fort Dodge	109	1903	25	.65		100.00
425	Fort Madison	158	1903	7	.65		
426	Keokuk	177	1901	30	.80	50.00	100.00
427	Ottumwa	93	1890	25	.65		
428	Sioux City	232	1896	52	.65		200.00
429	Waterloo	42	1894	25	.65		

TEAMSTERS

430	Burlington	218	1891	60	.50		
431	Davenport	563	1904	50	.75	200.00	n
432	Des Moines	90	1903	100	.50		
433	D. M. (beer drivers)	45	1902	20	.50		
434	Dubuque	567	1903	250	.50		50.00
435	Ottumwa	215	1903	56	.50		
436	Waterloo	207	1906	15	.50		

(n) Not reported.

IOWA—CONTINUED.

ITERNATIONAL UNION OF

Demand Employment of Union Men Only	Working hours per day	Wages: Minimum Wage	Unit per	Maximum Wage	Variation since 1905: Minimum Wage	Variation since 1905: Maximum Wage	Number of Strikes since Dec. 31, 1905	Marginal Number
Yes	8	16.50	week	22.00	22.00% incr	15.79% incr		401
Yes	8	20.00	week	20.00	11.11% incr	11.11% incr		402

OF NORTH AMERICA.

Yes	8	.50	hour	.50	11.11% incr	11.11% incr		403
Yes	8	.50	hour	.50				404

AMALGAMATED ASSOCIATION OF.

Yes	12	1.50	day	1.80			n	405
Yes	9½-10½	.20	hour	.22	11.11% incr	10.00% incr		406
No	9½	.19	hour	.24	10.00% incr	10.00% incr		407
No	11	.19	hour	.24	12.00% incr	10.00% incr		408
No	11-13	.16	hour	.20	14.29% incr	11.11% incr		409
Yes	11-12	.15	hour	.21	16.00% incr	16.00% incr		410

OF NORTH AMERICA.

No	10	.32	hour	.32	39.13% incr	39.13% incr		411
No	10	.31	hour	.36				412
No	11	.32	hour	.37	14.29% incr	12.12% incr		413
No	12	3.72	day	4.32	14.81% incr	12.50% incr		414
No	10	3.20	day	3.70	14.29% incr	12.12% incr		415
No	10	.28	hour	.37	16.66% incr	12.12% incr		416

JOURNEYMEN, OF AMERICA.

Yes	10	n	piece	n				417
Yes	10	n	piece	16.50 w				418
Yes	10	10.00 w	piece	n				419
Yes	10	14.00 w	piece	16.00 w				420
Yes	10	n	piece	n				421
Yes	10	12.00	week	14.00	10.00% incr	10.00% incr	1	422
Yes	10	n	piece	n				423
Yes	10	13.00	week	15.00				424
Yes	10	1.75	day	3.00	n	25.00% incr		425
Yes	10	n	n	n	10.00% incr	10.00% incr	n	426
No	10	2.00	day	2.50	7.50% incr	7.50% incr		427
Yes	10	n	piece	n	10.00% incr	10.00% incr	1	428
Yes	10	n	piece	n	15.00% incr	15.00% incr		429

INTERNATIONAL BROTHERHOOD OF

Yes	9	*.40	hour	.40	14.29% incr	14.29% incr		430
No	10	9.00	week	12.00	28.58% incr	20.00% incr		431
No	9	1.75	day	1.75				432
Yes	11	2.25	day	2.25	n	n		433
No	10	11.50	week	13.00	9.52% incr	8.33% incr	1	434
Yes	10	10.50	week	13.50	5.00% incr	3.85% incr		435
Yes	10	10.00	week	12.00	11.11% incr	9.09% incr		436

(n) Not reported.
*Includes team.

TRADE UNIONS IN

TRAINMEN

Marginal Number	Location of Union	Number of Local	Year Organized	Number of Members	Per Capita dues per Month	Sick Benefit paid during 1906-1907	Funeral Benefit paid during 1906-1907
437	Belle Plaine	212	1880	120	.50		
438	Burlington	26	1884	114	.50	325.00	5,400.00
439	Cedar Rapids	56	1886	162	.50	n	n
440	Centerville	104	1903	42	.50		
441	Clarion	707	1904	48	.50	68.00	2,700.00
442	Clinton	183	1886	262	.50		
443	Creston	28	1884	127	.50	415.00	150.00
444	Council Bluffs	520	1894	140	.50	230.00	
445	Des Moines	602	1900	170	.50		
446	Dubuque	581	1900	105	.50		
447	Dubuque	60	1885	90	.50		
448	Eldon	348	1889	65	.50		
449	Estherville	352	1890	72	.50	210.00	
450	Fort Dodge	171	n	99	.50	300.00	50.00
451	Oskaloosa	152	1885	72	.50		
452	Ottumwa	737	1905	70	.50	50.00	1,350.00
453	Sanborn	724	1905	100	.50	300.00	n
454	Valley Junction	546	1891	96	.50		

TYPOGRAPHICAL UNION

455	Burlington	75	1885	36	1.00	52.00	
456	Cedar Rapids	192	1891	72	.75	n	n
457	Clinton	334	1890	18	1.00		
458	Des Moines	118	1885	167	% system	960.00	50.00
459	Dubuque	22	1885	56	1% earn'g		
460	Fort Madison	581	1903	9	.75	n	n
461	Iowa City	515	1902	15	.75		
462	Keokuk	68	n	22	.65	n	n
463	Marshalltown	414	n	14	.65		
464	Mason City	406	n	15	.40	n	70.00
465	Muscatine	251	1898	17	.75	8.00	75.00
466	Oskaloosa	526	1902	14	.60		
467	Ottumwa	73	1882	15	.75		
468	Sioux City	180	1879	90	1% earn'g		210.00

WOODWORKERS

469	Burlington	200	1902	61	.50	n	n

(n) Not reported.

IOWA—CONTINUED.

BROTHERHOOD OF RAILWAY.

Demand Employment of Union Men Only	Working hours per day	Wages: Minimum Wage	Wages: Unit per	Wages: Maximum Wage	Variation since 1905: Minimum Wage	Variation since 1905: Maximum Wage	Number of strikes since Dec. 31, 1905	Marginal Number
No	10	n	n	n	10.00% incr	10.00% incr		437
No	10	n	n	n				438
No	10	(a) 2.53	100 mile	2.92	18.00% incr	18.00% incr		439
No	10	n	n	n	12.00% incr	12.00% incr		440
No	10	2.53	100 mile	2.80	25.00% incr	25.00% incr		441
No	10	n	n	n	10.00% incr	10.00% incr		441
No	10	2.30	100 mile	2.53	10.00% incr	10.00% incr		443
No	10	n	n	n	n	n		444
No	10	n	n	n	10.00% incr	10.00% incr		445
No	10	2.53	100 mile	n	10.00% incr	10.00% incr		446
No	10	2.53	100 mile	2.85	10.00% incr	10.00% incr		447
No	12	n	n	n	10.00% incr	10.00% incr		448
No	10	2.53	100 mile	n	20.00% incr	10.00% incr		449
No	10	2.25	100 mile	2.90	10.00% incr	10.00% incr		450
No	10	2.30	100 mile	n	10.00% incr	10.00% incr		451
No	10	2.50	100 mile	2.80	10.00% incr	10.00% incr		452
No	10	2.53	100 mile	2.85	10.00% incr	10.00% incr		453
No	10	n	n	n	10.00% incr	10.00% incr		454

(a) Prices given in this table apply to brakemen only.

INTERNATIONAL.

Yes	8	16.00	week	19.00	6.66% incr	5.56% incr		455
Yes	8	15.00	week	24.00				456
Yes	8	18.50	week	22.00	3.85% incr		1	457
Yes	8	3.00	day	4.00	12.50% incr	6.26% incr	1	458
Yes	8	17.00	week	21.00	13.33% incr	10.53% incr		459
Yes	8	10.00	week	18.00	11.00% incr	11.00% incr		460
Yes	8	12.00	week	14.00	11.00% incr	11.00% incr	1	461
Yes	8	2.50	day	n	7.14% incr	n	n	462
Yes	8	13.00	week	22.00			n	463
Yes	8	10.10	week	15.00	n	n	n	464
Yes	8	13.00	week	22.00	8.33% incr	4.76% incr		465
Yes	8	12.00	week	24.00	n	n		466
Yes	8	16.50	week	22.00	17.86% incr	12.82% incr		467
Yes	8	18.00	week	27.00	6.50% incr	6.50% incr		468

INTERNATIONAL UNION.

No	10	1.50	day	2.65	11.11% incr	6.00% incr		469

(n) Not reported.

TRADE UNIONS IN IOWA—TABLE NO. 2.

Summary of the different craft organizations showing total number in state, total number reporting, total membership, wage rates, length of work day, and average per cent increase or decrease in wages for each craft since 1905.

Local Unions of	Total number in State	Total number report'd	Total membership report'd	Average minimum wage	Unit per	Average maximum wage	Average length of work day	Average per cent increase or decrease in minimum wage since 1905	Average per cent increase or decr'se in maximum wage since 1905
Bakers and Confectioners International Union	4	4	75	$ 11.00	week	$ 20.25	10	6.25% incr	6.25% incr
Barbers International Union Journeymen	19	17	559	10.75	week	(n)	11½	2.50% incr	2.50% incr
Bartenders International League of America	12	8	442	12.00	week	19.17	9½	5.62% incr	3.12% incr
Bill Posters International Alliance	1	1	28	12.00	week	15.00	10		
Blacksmiths and Helpers, Int. Brotherhood of	18	10	183	2.44	day	3.19	9 4–10	10.15% incr	6.89% incr
Boilermakers and Iron Ship-builders, Brotherhood of	17	7	146	3.05	day	3.44	9½	10.11% incr	8.57% incr
Boilermakes Helpers, Brotherhood of	9	2	41	1.67	day	1.97	9	13.60% incr	11.43% incr
Bookbinders, International Brotherhood of	5	4	125	10.40	week	14.40	8	7.71% incr	5.86% incr
Boot and Shoe Workers Union	1	1	200	(n)	piece	(n)	10	(n)	(n)
Bricklayers and Masons International Union	23	15	463	4.67	day	4.74	8 1–3	13.90% incr	12.53% incr
Bridge and Structural Iron Workers Union	3	1	12	4.00	day	4.00	9	14.29% incr	14.29% incr
Brewery Workers International Union	9	8	332	12.62	week	13.50	9¾	8.55% incr	9.14% incr
Butcher Workmen of North America	17	1	38	8.00	week	20.00	11½		
Carmen, Brotherhood of Railway	23	11	935	1.76	day	2.63	10	8.46% incr	6.89% incr
Car Workers International Association of	3	2	130	1.70	day	2.75	10	10.81% incr	8.37% incr
Carpenters and Joiners, United Brotherhood of	31	23	2,023	2.60	day	3.05	8 9–10	11.39% incr	8.03% incr
Cigarmakers International Union	20	17	796	8.39	1,000 cigars	15.65	8	12.50% incr	5.71% incr
Cement Workers Union	3	1	14	3.00	day	3.50	10		
Clerks, Retail, International Protective Ass'n	13	11	334	8.70	week	16.39	10	1.14% incr	3.00% incr
Conductors, Order of Railway	22	10	709	3.69	100 miles	3.98	10	10.22% incr	9.14% incr
Coopers International Union	4	3	73	2.32	day	2.89	10	5.18% incr	4.06% incr
Electrical Workers, International Brotherhood of	33	21	1,305	3.63	100 miles	4.90	9	5.57% incr	11.43% incr
Engineers, Brotherhood of Locomotive	3	2	43	13.75	week	16.50	10	10.50% incr	8.39% incr
Engineers, International Union of Steam	29	15	1,155	2.39	100 miles	3.13	10	8.33% incr	7.09% incr
Firemen, Brotherhood of Locomotive	1	1	9	13.00	week	20.00	11	9.38% incr	10.30% incr
Flour and Cereal Mill Employes	1	1	30	1.75	day	2.00	10	7.65% incr	13.06% incr
Foundry Employes Union	1	1	32	10.50	week	12.00	10½	6.06% incr	5.26% incr
Freight Handlers International Union	3	2	126	5.25	week	9.00	8	10.00% incr	5.26% incr
Garment Workers of America, United	1	1	20	(n)	(n)	(n)	9	(n)	(n)
Glass Workers, International Association of	1	1	50	1.60	day	2.50	10	6.66% incr	8.70% incr
Helpers and Laborers Union, Railroad									
Hod Carriers and Building Laborers, Int. Union	4	2	147	2.40	day	2.77	8	15.47% incr	13.33% incr
Horseshoers Union, Journeymen	3	2	18	2.62	day	3.25	10	5.55% incr	3.85% incr
Hotel and Restaurant Employes Union	2	2	101	10.00	week	25.00	10½		
Lathers Int. Union, Wood, Wire and Metal	5	3	33	3.25	day	3.67	8	27.99% incr	25.41% incr
Leather Workers, United Brotherhood of	6	4	148	13.12	week	16.00	10	1.75% incr	1.75% incr
Machinists, International Association of	24	16	1,026	2.89	day	3.63	10	6.68% incr	8.75% incr
Maintenance of Way Employes, Int. Brotherhood of	5	2	90	1.50	day	2.50	10	9.12% incr	8.33% incr
Metal Workers, Sheet, International Alliance	11	7	132	2.51	day	3.10	8½	16.41% incr	
Molders Union, International of North America	9	5	226	2.95	day	3.30	9½	9.45% incr	14.35% incr
Musicians, American Federation of	12	8	676	3.30	day	5.25	(n)	5.66% incr	
Mine Workers of America, United	91	69	11,998	2.04	day	2.65	8	5.55% incr	5.55% incr
Painters, Decorators and Paperhangers, Brotherhood of	12	7	501	2.81	day	2.94	8½	7.83% incr	5.51% incr
Pattermmakers League of North America	1	1	11	3.00	day	3.25	10	8.50% incr	8.50% incr
Plasterers, International Ass'n of Operative	6	5	96	4.48	day	4.48	8½	10.00% incr	10.00% incr
Plumbers Steam and Gas-fitters, United Ass'n of	10	9	226	3.72	day	3.80	8½	8.51% incr	6.03% incr
Printing Pressmens International Union	7	7	148	12.38	week	15.12	8	13.00% incr	10.85% incr
Stage Employes International Alliance	3	3	154	12.67	week	21.67	8	20.00% incr	20.00% incr
Stereotypers and Electrotypers, Int. Union of	1	2	23	13.25	week	21.00	8	16.55% incr	13.45% incr
Stone Cutters Union of North America	7	2	32	4.00	day	4.00	8	5.55% incr	5.55% incr
Street and Electric Railway Employes Amalgamated Association of	8	6	642	1.82	day	2.26	11	10.57% incr	9.58% incr
Switchmens Union of North America	10	6	104	3.26	day	3.76	10½	16.53% incr	14.66% incr
Tailors Union of America, Journeymen	15	13	352	11.92	week	15.75	10	4.37% incr	5.96% incr
Teamsters, International Brotherhood of	14	7	551	1.87	day	2.10	10	11.42% incr	9.20% incr
Trainmen, Brotherhood of Railway	31	18	1,924	2.46	100 miles	2.81	10	11.47% incr	10.88% incr
Typographical Union, International	18	14	560	14.21	week	21.08	8	8.18% incr	6.22% incr
Woodworkers International Union of America	2	1	61	1.50	day	2.65	10	11.00% incr	6.00% incr
Totals	662	431	30,593		Average			8.81	7.64

(n) Not reported.

TRADE UNIONS IN IOWA—TABLE NO. 3.

Summary of organizations and membership in localities.

Locality	Number of Unions	Number of Members	Locality	Number of Unions	Number of Members
Albia	1	150	Fraker	1	120
Altoona	1	40	Fraser	1	200
Ankeney	2	221	Hamilton	1	10
Avery	1	14	Hickory	1	140
Belle Plaine	1	120	High Bridge	1	90
Blyth	1	85	Hiteman	1	730
Bolton	1	107	Hocking	1	502
Boone	9	792	Hynes	1	456
Brazil	1	200	Iowa City	4	63
Burlington	19	922	Keb	1	6
Bussey	2	183	Keokuk	13	525
Buxton	2	1,398	Laneville	1	27
Carbondale	1	176	Lehigh	1	100
Cedar Rapids	24	1,381	Lucas	1	57
Centerville	7	1,233	Madrid	1	180
Charlton	2	32	Marion	1	19
Cherokee	1	19	Marshalltown	5	206
Clarion	3	118	Mason City	4	117
Clarkdale	1	80	Missouri Valley	4	123
Cleveland	1	125	Molegona	1	15
Clinton	18	1,053	Mount Pleasant	1	5
Coal City	1	28	Muscatine	8	205
Coalfield	1	43	Mystic	1	17
Coalville	1	133	New Market	1	9
Colfax	1	352	Norwoodville	1	380
Council Bluffs	12	900	Numa	1	340
Creston	3	162	Oelwein	9	146
Darbyville	1	50	Ogden	1	80
Davenport	26	1,781	Oskaloosa	16	711
Des Moines	36	3,701	Otley	1	12
Dubuque	35	2,257	Ottumwa	27	1,109
Dunreath	1	15	Pella	1	15
Eagle Grove	1	51	Perry	2	129
Eddyville	1	15	Rathbun	1	119
Eldon	3	139	Runnells	1	25
Enterprise	1	340	Rutledge	1	238
Estherville	4	165	Sanborn	3	174
Evans	1	120	Saylor	1	90
Eveland	1	30	Seymour	1	300
Everist	1	480	Shawville	1	120
Exline	1	200	Sioux City	21	1,164
Fairfield	3	33	Stuart	1	15
Flagler	1	100	Valley Junction	5	422
Fort Dodge	9	331	Waterloo	23	922
Fort Madison	10	343	What Cheer	1	28
Foster	1	125	Yoder	1	80
			Total	431	30,593

TRADE UNIONS IN IOWA—TABLE NO. 4.

Summary showing number of Trades Unions and memberships by counties.

Counties	Number of Unions	Number of Members	Counties	Number of Unions	Number of Members
Adair			Jefferson	3	73
Adams			Johnson	4	63
Allamakee			Jones		
Appanoose	17	2,414	Keokuk	1	28
Audubon			Kossuth		
Benton	1	120	Lee	22	868
Black Hawk	23	922	Linn	25	1,400
Boone	13	1,367	Louisa		
Bremer			Lucas	4	214
Buchanan			Lyon		
Buena Vista			Madison		
Butler			Mahaska	22	1,208
Calhoun			Marion	8	315
Carroll			Marshall	5	200
Cass			Mills		
Cedar			Mitchell		
Cerro Gordo	4	117	Monona		
Cherokee	1	19	Monroe	9	3,283
Chickasaw			Montgomery		
Clarke			Muscatine	8	205
Clay			O'Brien	3	174
Clayton			Osceola		
Clinton	18	1,053	Page		
Crawford			Palo Alto		
Dallas	8	219	Plymouth		
Davis			Pocahontas		
Decatur			Polk	50	5,475
Delaware			Pottawattamie	12	609
Des Moines	19	922	Poweshiek		
Dickinson			Ringgold		
Dubuque	35	2,257	Sac		
Emmet	4	165	Scott	26	1,781
Fayette	9	146	Shelby		
Floyd			Sioux		
Franklin			Story		
Fremont			Tama		
Greene			Taylor	1	9
Grundy			Union	3	162
Guthrie	1	15	Van Buren		
Hamilton			Wapello	33	1,507
Hancock			Warren		
Hardin			Washington		
Harrison	4	123	Wayne	1	300
Henry	1	5	Webster	11	614
Howard			Winnebago		
Humboldt			Winneshiek		
Ida			Woodbury	21	1,164
Iowa			Worth		
Jackson			Wright	4	169
Jasper	1	352	Total	431	30,593

WAGE EARNERS OF IOWA.

Until the wage earners of Iowa will take sufficient interest in the statistics of their several crafts and will fill out and return to this Bureau the blanks that are sent out for information from which to compile a report, this chapter will be of doubtful value. So far this Bureau has been unable to secure for any one report as many as 500 individual returns.

This chapter is compiled from the reports of 404 individual wage earners, 375 of whom are men, and 29 are women, representing 50 different crafts. The number of reports secured is not as large as was expected, but after making repeated efforts the above number was all that were obtainable.

Many of the persons reporting took advantage of the opportunity given them to express their opinions on needed legislation and other questions in which their material interests are involved; suggestions are also given to this department as to what line of inquiry and investigation will prove most helpful to workers in their various lines of industry.

WAGES.

Of the 375 men who reported, 261, or 70 per cent, answered the inquiry: What was your total earnings for the year? The amount so reported was $208,824.24, or an average of $800.09 each.

Of the 261 who reported total earnings for the year, 145 were employed full time and 116 reported idle time varying from 30 days to six months.

The total earnings for the year of the 145 men who were employed full time was $119,268.30, or an average of $822.54 each.

Of the 29 women who reported 15, or 52 per cent, answered the inquiry: What was your total earnings for the year? The amount so reported was $5,256.00, or an average of $350.40 each.

The average rate of wages received by the 29 women and girls reporting is $6.87 per week.

The average hours worked per day by the 375 men reporting was 9.5 hours.

The average hours worked per day by the 29 women and girls reporting was 9.3 hours.

SAVINGS.

Of the 375 men reporting only 125 report any savings for the year 1907. The amount saved was $27,714.87, or an average of $221.72 each.

Of the 29 women and girls reporting, only 7 report any savings for the year 1907. The amount saved was $454.62, or an average of $15.68 each.

LIFE INSURANCE.

Two hundred sixty-three men report the amount of life insurance carried as $534,834.00, or an average of $2,033.00 per man insured.

Six women report the amount of life insurance carried as $3,230.00, or an average of $111.00 each.

FIRE INSURANCE.

The amount of fire insurance carried by 199 men reporting was $204,592.00, or an average of $1,028.00 for each.

THE HOME.

Of the 375 men reporting, 153, or about 41 per cent, own their home or have an equity in same.

Eighty-nine, or 72 per cent, are fully paid for, and 64, or 28 per cent of those reporting, own an equity in their homes amounting to 44.5 per cent of the valuation.

WAGE EARNERS

Showing occupation, hours worked, wage rates, annual earnings, savings, number in family, sanitary conditions, insurance, the home, and variation in hours and wages since 1906.

BAKERS.

Marginal Number	Locality Where Employed	Working hours per Day	Wages: Rate	Wages: Per	Total Earnings for Year 1907	Total Savings for Past Year	Number Supported by your Earnings	Sanitation Where Employed
1	Cedar Rapids No. 1	12	$ 10.00	week	$ 420.00	$ 200.00		good
2	Cedar Rapids	10	15.00	week	720.00	120.00	6	good
3	Waverly	13	*	week	750.00		2	good

*Summer, $17.00; winter, $15.00.
No. 1—Idle 40 days of year.

BARBERS.

4	Centerville	11	12.50	week	$ 600.00		2	good
5	Centerville	12	12.00	week	576.00		7	good
6	Centerville	12			1,500.00	200.00	3	good
7	Clinton	12	12.00	week	576.00		3	good
8	Clinton	12	12.00	week	576.00		3	good
9	Des Moines	12	12.00	week	576.00		2	good
10	Des Moines	10½	12.00	week	600.00		2	good
11	Des Moines	10½	12.00	week	710.85		4	good
12	Des Moines	12½	12.00	week	624.00		2	fair
13	Des Moines	10½	12.00	week	576.00		1	good
14	Des Moines	10½	12.00	week	590.00		1	good
15	Des Moines	12	18.00	week			3	good
16	Dubuque	12	22.00	week	1,140.00	600.00	3	good
17	Fort Dodge	11	12.00	week	730.00		4	good
18	Iowa City	12						

BARTENDERS.

19	Dubuque		14.00	week	$ 672.00	$ 200.00	1	good
20	Keokuk	9	10.00	week	520.00	200.00	1	good
21	Keokuk No. 2	10	12.00	week	312.00		2	good

No. 2—Idle 6 months of year.

BLACKSMITHS.

22	Ottumwa	10	.35	hour	1,000.00		2	good
23	Ottumwa	9	.25	hour	621.00		3	fair

OF IOWA

BAKERS.

Marginal Number	Amount of Insurance Carried: Life	Amount of Insurance Carried: Fire	The Home: Owned	The Home: Value of	The Home: Equity in	Variation in Hours and Wages since 1906
1			No			10% increase in wages
2	$ 1,150.00		No			10% increase in wages
3	1,375.00		No			30% incr. in wages, hours increased

BARBERS.

4			No			No increase in wages
5	$ 1,000.00		No			No increase in wages
6		$ 600.00	Yes	$ 1,600.00	clear	33 1-3 increase in wages
7	500.00		No			No increase in wages
8	500.00		No			Increase, amount not stated
9			No			No increase in wages
10						No increase in wages
11	1,400.00		No			No increase in wages
12	2,750.00		Yes	2,000.00	$ 850.00	Increase, amount not stated
13	1,000.00					No increase in wages
14			No			No innerease in wages
15	00.00		No			No increase in wages
16	1,000.00		No			50% increase in earnings
17	1,000.00		No			No increase in wages
18						Not stated, employing barber

BARTENDERS.

19			No			20% increase in wages
20			No			No increase in wages
21			No			No increase in wages

BLACKSMITHS.

22	$ 1,000.00					Increase of 50 cents per day
23	1,000.00	$ 500.00	Yes	$ 850.00		Increase of 25 cents per day

WAGE EARNERS

BOILERMAKERS.

Marginal Number	Locality Where	Working hours per day	Wages: Rate	Wages: Per	Total Earnings for Year 1907	Total Savings for Past Year	Number Supported by your Earnings	Sanitation Where Employed
24	Boone	9	.37	hour	$	$ 400.00	4	poor
95	Waterloo	9	.37	hour	1,231.18		4	good

BOOKBINDING.

26	Cedar Rapids	8	18.00	week	$ 936.00		8	good

BRAKEMEN.

27	Belle Plaine No. 1		3.00	day	$ 650.00	$ 255.00	5	good
28	Burlington	10	2.75	day	875.00		3	good
29	Cherokee No. 2	10	2.60	day	750.00		4	good
30	Des Moines No. 3	10	2.60	day	600.00		2	good
31	Eldon	10	2.53	100 miles	945.87		3	good
32	Ottumwa No. 4	10	2.53	day	720.00		2	good

No. 1—Idle 50 days of year.
No. 3—Idle 30 days of year.
No. 3—Idle 130 days of year.
No. 4—Idle 30 days of year.

BRICKLAYERS.

33	Cedar Rapids	8	5.00	day			4	good
34	Cedar Rapids	8	5.00	day		$ 60.00	4	good
35	Clinton No. b	8	.55	hour	$ 900.00	10.00	3	good
36	Des Moines No. c	8	.62½	hour	945.00		3	poor
37	Dubuque No. j	8	.60	hour	480.00		4	good
38	Dubuque	8	4.80	day			6	good
39	Fairfield No. d	9	5.00	day	455.00		6	
40	Iowa City No. e	8	.56¼	hour	650.00		11	
41	Iowa City	8	.56¼	hour			3	good
42	Iowa City No. a	8	.55	hour	600.00		2	
43	Keokuk No. f	6	.60	hour	1,100.00		4	
44	Lyons No. g	8	.55	hour	600.00		11	good
45	Marion	10	3.50	day			4	
46	Marion No. h	10	.35	hour	325.00		2	
47	Marion	9	.40	hour			6	good
48	Marion No. i	10	3.00	day	350.00	100.00	1	
49	Oskaloosa	8	.55	hour			3	
50	Oskaloosa	8	.55	hour			3	good
51	Oskaloosa	8	.55	hour			3	
52	Sioux City	9	.55-.60	hour	1,100.00	200.00	7	

No. b—Idle 90 days of year.
No. c—Idle 6 months of year.
No. j—Idle 225 days of year.
No. d—Idle 9 months of year.
No. e—Idle 5 months of year.
No. a—Idle 7 months of year.
No. f—Idle 1 month of year.
No. g—Idle 150 days of year.
No. h—Idle 6 months of year.
No. i—Idle 6 months of year.

OF IOWA—(CONTINUED).

BOILERMAKERS.

Amount of Insurance Carried: Life	Amount of Insurance Carried: Fire	The Home: Owned	The Home: Value of	The Home: Equity in	Variation in Hours and Wages since 1906	Marginal Number
	$ 500.00	Yes	$ 2,500.00		3% increase in earnings	24
$ 1,000.00	500.00	No			2½% increase in wages	25

BOOKBINDING.

$ 2,000.00	$ 1,200.00	No			20% increase in wages	26

BRAKEMEN.

$ 1,350.00	$ 600.00	Yes	$ 800.00	$ 250.00	10% increase in wages	27
2,700.00	800.00	No			Increase of 27 cents per day	28
3,000.00	700.00	Yes	1,000.00		Increase of 25 cents per day	29
5,000.00		Yes	2,500.00	700.00	Increase of 15 cents per day	30
1,000.00	500.00	No			10% increase in wages	31
2,500.00		No			10% increase in wages	32

BRICKLAYERS.

$ 2,000.00	$ 1,700.00	Yes	$ 2,500.00	clear	Increase of 56 cents per day	33
4,000.00	1,250.00	Yes	1,250.00	clear	No increase in wages	34
2,000.00		No			No increase in wages	35
1,000.00	500.00	Yes	300.00		No increase in wages	36
2,000.00	500.00	No			Increase of 65 cents per hour	37
		Yes	1,800.00		No increase in wages	38
3,200.00		No			No increase in wages	39
1,000.00	300.00	No			Increase of 50 cents per day	40
5,000.00		No			Increase of 5¼ cents per hour	41
1,000.00	400.00	No			No increase in wages	42
		No			No increase in wages	43
		Yes	1,000.00	clear	Slight increase in wages	44
	400.00	Yes	1,500.00	clear	No change in wages	45
1,000.00	500.00*	Yes	600.00	clear	No change in wages	46
2,000.00	1,100.00	Yes	800.00	200.00	No change in wages	47
		No			No change in wages	48
	1,500.00	No			Increase of 40 cents per day	49
	1,200.00	Yes	2,000.00	clear	Increase of 80 cents per day	50
		Yes	1,000.00		No change in wages	51
	700.00	Yes	3,000.00		No change in wages	52

WAGE EARNERS

CAR INSPECTORS.

Marginal Number	Locality Where	Working hours per day	Wages: Rate	Wages: Per	Total Earnings for Year 1907	Total Savings for Past Year	Number Supported by your Earnings	Sanitation Where Employed
53	Dubuque	11	.20½	hour	$ 735.00		1	good
54	Missouri Valley	10	.19–.20	hour	659.32	283.64	4	good
55	Waterloo	11	.19½	hour	800.00		3	good
56	Waterloo	12	.17½	hour			2	good
57	Waterloo	10	.18¾	hour	750.00		3	good
58	Waterloo	12	19½	hour		$ 50.00	3	good

CARPENTERS.

59	Clinton	9	3.15	day			1	good
60	Creston ——No. 1	9	.27½	hour	$ 475.00		3	
61	Davenport ——No. 2	8	.37½	hour	616.00	$ 200.00	2	good
62	Davenport ——No. 3	8	.37½	hour	625.00	75.00	3	good
63	Davenport ——No. 4	8	.37½	hour	704.34		4	good
64	Davenport ——No. 5	8	.37½	hour	620.00		3	poor
65	Des Moines ——No. 6	8	.43¾	hour	936.00	470.00	2	
66	Des Moines ——No. 7	8	.43¾	hour	800.00	300.00	1	
67	Des Moines ——No. 8	8	.40	hour	480.00		6	good
68	Des Moines	8	.40	hour			6	
69	Des Moines ——No. 9	8	.40	hour	920.00	150.00	4	
70	Des Moines	9	.30	hour			1	good
71	Iowa City ——No. 10	9	.30	hour	500.00		1	
72	Keokuk	10	.27½	hour			3	
73	Keokuk	10	3.00	day		200.00	4	
74	Keokuk	10	3.00	day		300.00	5	good
75	Keokuk ——No. 11	10	3.00	day	500.00	140.00	5	
76	Keokuk	10	3.00	day			6	
77	Keokuk ——No. 15	10	2.75	day	350.00		4	good
78	Marshalltown No. 12	9	.28	hour	480.00		3	
79	Muscatine	9	.30	hour		200.00	2	
80	Muscatine	9	.27 7–9	hour		100.00	3	
81	Muscatine ——No. 3	9	.30 5–9	hour	722.15	76.83	3	
82	Mystic ——No. 14	9	2.50	day	700.00	100.00	6	
83	Mystic ——No. 14	9	.33	hour	700.00	225.00	2	

No. 1—Idle 125 days of year.
No. 2—Idle 75 days of year.
No. 3—Idle 100 days of year.
No. 4—Idle 93 days of year.
No. 5—Idle 123 days of year.
No. 6—Idle 36 days of year.
No. 7—Idle 20 days of year.
No. 8—Idle 150 days of year.
No. 9—Idle 40 days of year.
No. 10—Idle 90 days of year.
No. 11—Idle 90 days of year.
No. 12—Idle 75 days of year.
No. 13—Idle 55 days of year.
No. 14—Idle 60 days of year.
No. 15—Idle 240 days of year

OF IOWA—(CONTINUED).

CAR INSPECTORS.

Amount of Insurance Carried: Life	Amount of Insurance Carried: Fire	The Home: Owned	The Home: Value of	The Home: Equity in	Variation in Hours and Wages since 1906	Marginal Number
$ 3,000.00		No			Increase of 33 cents per day	53
	350.00	Yes	$ 2,500.00	$ 1,550.00	Increase of 20 cents per day	54
3,750.00	700.00	No			5% increase in wages	55
2,000.00	600.00	No			Increase of 1½ cents per hour	56
2,000.00	500.00	Yes	2,000.00	500.00	Increase of 10% per day	57
1,000.00	1,400.00	Yes	2,100.00	1,000.00	Increase of 1½% per day	58

CARPENTERS.

	$ 900.00	Yes	$ 1,000.00	$ 800.00	Increase of 2½ cents per hour	59
$ 2,000.00		No			No change in wages	60
1,000.00	1,800.00	Yes	3,000.00	1,000.00	Increase of 2½ cents per hour	61
	200.00	No			Increase of 35 cents per day	62
4,000.00	1,650.00	Yes	4,000.00	2,100.00	Increase of 14%	63
4,000.00	2,500.00	Yes	2,800.00	850.00	Increase of 20 cents per day	64
400.00	400.00	Yes	1,500.00		20% Increase in wages	65
3,250.00	1,100.00	Yes	1,200.00	700.00	20% Increase in wages	66
1,000.00	600.00	Yes	1,000.00	clear	20% Increase in wages	67
600.00	2,250.00	Yes	3,500.00	3,150.00	Increase 7½ cents per hour	68
2,500.00	700.00	Yes	600.00	200.00	No change in wages	69
		No			No change in wages	70
200.00		No			Increase of 60 cents per day	71
		No			No change in wages	72
	2,200.00	Yes	1,500.00	clear	10% Increase in wages	73
3,000.00	2,500.00	Yes	3,000.00	clear	No change in wages	74
	2,000.00	Yes	2,500.00	400.00	20% Increase in wages	75
2,000.00	1,000.00	Yes	800.00		No increase in wages	76
	300.00	Yes	1,200.00		Increase of 25 cents per day	77
	1,000.00	Yes	2,000.00		No change in wages	78
2,000.00	225.00	No			Increase of 25 cents per day	79
		No			10% Increase in wages	80
2,000.00	1,200.00	Yes	2,500.00	clear	Increase of 25 cents per day	81
	1,000.00	Yes	1,200.00		Increase of 25 cents per day	82
	500.00	Yes	650.00	325.00	Increase of 50 cents per day	83

WAGE EARNERS

CAR REPAIRERS.

Marginal Number	Locality Where	Working hours per day	Wages: Rate	Wages: Per	Total Earnings for Year 1907	Total Savings for Past Year	Number Supported by your Earnings	Sanitation Where Employed	
84	Burlington	10	.23½	hour	$ 720.00		6	-----	good
85	Dubuque ----No. a	10	.21½	hour	645.00		4	-----	good
86	Fort Dodge	10	.17½	hour			15	-----	good
87	Fort Dodge ---No. b	10	.17½	hour	650.00	$ 300.00	1	-----	good
88	Fort Dodge	10	.19¼	hour			5		
89	Fort Dodge	10	.17½	hour	576.42	150.00	3	-----	poor
90	Missouri Valley	10	.21	hour	617.00	68.00	7	-----	good
91	Waterloo ----No. c	10	.25½	hour	357.00		3	-----	good
92	Waterloo ----No. d	10	.26	hour	650.00		4	-----	poor

No. a—Idle 30 days of year.
No. b—Idle 10 days of year.
No. c—Idle 60 days of year.
No. d—Idle 48 days of year.

CIGARMAKERS.

93	Council Bluffs	8	2.50	day		$ 100.00	3	-----	good
94	Council Bluffs No. 1	8	2.75	day	$ 858.00	50.00	2	-----	good
95	Davenport ----No. 1	8	16.00	week	800.00		4	-----	poor
96	Davenport	8	2.40	day			4	-----	good
97	Davenport	8	2.50	day			3	-----	poor
98	Davenport ----No. 2	8	2.26	day	608.00		4	-----	good
99	Davenport	8	2.20	day			4	-----	good
100	Fairfield ------No. 3	8	2.50	day	600.00		1	-----	good
101	Fairfield	8	3.00	day	900.00		3	-----	good
102	Fort Madison No. 4	8	3.00	day	900.00	300.00	3	-----	good
103	Keokuk ------No. 5	8			488.00		1	-----	good
104	Keokuk ------No. 4	8	2.40	day	950.00	200.00	4	-----	poor
105	Ottumwa ----No. 6	8	2.50	day	675.00		1	-----	good
106	Sioux City	8	2.70	day			4	-----	good
107	Sioux City ----No. 7	8	3.50	day	950.00		4	-----	good
108	Sioux City	8	1.90	day			1	-----	good
109	Sioux City ---No. 8	8	2.50	day	670.00		5	-----	good

No. 1—Idle 15 days of year.
No. 2—Idle 7 days of year.
No. 3—Idle 50 days of year.
No. 4—Idle 15 days of year.
No. 5—Idle 20 days of year.
No. 6—Idle 30 days of year.
No. 7—Idle 21 days of year.
No. 8—Idle 40 days of year.

CLERKS, OFFICE.

110	Cedar Rapids	9	18.00	week	1,100.00	$ 750.00	1	-----	good
111	Cedar Rapids No. a	14	100.00	month	$ 700.00	200.00	2	-----	good
112	Cedar Rapids	10	100.00	month	1,200.00		5	-----	good
113	Des Moines ---No. b	10	50.00	month	587.50	275.90	1	-----	fair
114	Des Moines ---No. c	10	.19½	hour	500.00	100.00	3	-----	good

No. a—Idle 5 days of year.
No. b—Idle 21 days of year.
No. c—Idle 4 days of year.

OF IOWA—(CONTINUED).

CAR REPAIRERS.

Amount of Insurance Carried: Life	Amount of Insurance Carried: Fire	The Home: Owned	The Home: Value of	The Home: Equity in	Variation in Hours and Wages since 1906	Marginal Number
$ 2,500.00	$ 900.00	Yes	$ 800.00	$ 150.00	Increase of 20 cents per day	84
1,000.00		No			Increase of 15 cents per day	85
		Yes	900.00		7½% increase in wages	86
2,000.00		No			27½ increase in wages	87
	700.00	Yes	1,000.00	clear	Slight increase in wages	88
	900.00	Yes	1,200.00	600.00	15% increase in wages	89
		No			Increase of 1 cent per hour	90
200.00		No			Slight increase in wages	91
2,100.00	500.00	Yes	1,500.00	clear	Increase of 2½ cents per day	92

CIGARMAKERS.

1,000.00		No			No change in wages	93
1,200.00		No			No change in wages	94
	$ 2,000.00	Yes	$ 4,000.00	$ 3,000.00	No change in wages	95
2,000.00	1,500.00	Yes	2,500.00	1,800.00	No change in wages	96
1,000.00		Yes	2,000.00	clear	No change in wages	97
200.00	300.00	No			No change in wages	98
2,500.00	1,700.00	Yes	4,000.00		No change in wages	99
1,000.00		No			No change in wages	100
		No			No change in wages	101
550.00		No			No change in wages	102
1,000.00		No			No change in wages	103
1,000.00		Yes	2,500.00	clear	10% increase in wages	104
100.00		No			No change in wages	105
450.00	500.00	No			No change in wages	106
	600.00	No			No change in wages	107
		No			No change in wages	108
1,500.00	500.00	No			No change in wages	109

CLERKS, OFFICE.

$ 8,000.00	500.00	No			Slight increase in salary	110
5,000.00	500.00	No			Increase of $1.25 per day	111
11,000.00	500.00	No			Increase of $200.00 per year	112
		No			Increase of 19½ cents per day	113
	1,000.00	Yes	$ 1,700.00	clear	Increase of $2.50 per month	114

WAGE EARNERS

CLERKS, POST OFFICE.

Marginal Number	Locality Where	Working hours per day	Wages: Rate	Wages: Per	Total Earnings for Year 1907	Total Savings for Past Year	Number Supported by your Earnings	Sanitation Where Employed
115	Cedar Rapids No. d	-------	$ 66.66	month --	650.00	-------	3	----- good
116	Cedar Rapids ------	9	800.00	year -----	800.00	-------	4	----- good

No. d—Idle 50 days of year.

CLERKS, RETAIL.

117	Cedar Rapids No. e	5	$ 7.50	week ----	$ 400.00	$ 100.00	1	----- good
118	Cedar Rapids ------	10	13.25	week ----	689.00	-------	2	----- poor
119	Cedar Rapids ------	10	18.00	week ----	900.00	300.00	2	----- good
120	Cedar Rapids ------	10½	12.00	week ----	540.00	-------	3	----- poor
121	Centerville ------	10	50.00	month --	600.00	-------	5	----- good
122	Centerville ----No. f	10	2.00	day -----	588.00	-------	3	----- poor
123	Centerville ------	10	2.00	day -----	624.00	-------	5	----- good
124	Centerville ------	10	50.00	month --	$ 660.00	-------	3	----- good
125	Centerville ------	10½	45.00	month --	540.00	-------	10	----- good
126	Chariton ------No. 1	10½	40.00	month --	406.00	50.70	4	----- good
127	Chariton ------	13	35.00	month --	780.00	150.00	4	----- good
128	Des Moines ------	10	50.00	month --	-------	-------	2	----- good
129	Iowa City ------	10	14.00	week ----	-------	-------	4	----- good
130	Iowa City ------	10	60.00	month --	720.00	-------	3	----- good
131	Iowa City ------	9	9.00	week ----	-------	-------	1	
132	Keokuk ------	10½	16.00	week ----	732.00	-------	1	----- good
133	Mason City ------	8½	50.00	month --	600.00	-------	2	----- good
134	Oskaloosa ----No. 2	10	55.00	month --	660.00	50.00	2	----- good
135	Ottumwa ------	10½	60.00	month --	720.00	-------	5	----- good

No. e—Works only half time.
No. f—Idle 21 days of year.
No. 1—Idle 15 days of year.
No. 2—Idle 12 days of year.

CONDUCTORS.

136	Cedar Rapids ------	10½	.22	hour ----	$ 760.00	-------	4	----- good
137	Cedar Rapids ------	10	.22	hour ----	-------	-------	3	
138	Cedar Rapids ------	10	.22	hour ----	-------	-------	3	
139	Clinton ------	8	144.10	month --	1,732.80	325.00	5	

COREMAKERS.

140	Cedar Rapids ------	10	1.75	day -----	-------	-------	3	----- good
141	Davenport ------	10	2.00	day -----	-------	$ 75.00	3	----- good

ELECTRICAL WORKERS.

142	Boone ------	9	$ 70.00	month --	$ 880.00	$ 20.00	3	----- good
143	Burlington ------	10	70.00	month --	840.00	150.00	2	----- good
144	Burlington ----No. 3	10	3.50	day -----	1,000.00	-------	1	----- poor
145	Keokuk ------	9	2.50	day -----	-------	-------	4	----- good
146	Keokuk ------	10	2.75	day -----	819.00	198.00	1	----- good
147	Keokuk ------No. 4	12	70.00	month --	800.00	35.00	3	----- good
148	Keokuk ------No. 5	10	.18	hour ----	450.00	50.00	2	----- good
149	Keokuk ------	10	2.50	day -----	-------	-------		
150	Keokuk ------	9	2.50	day -----	-------	-------	8	very poor
151	Keokuk ------	9	2.50	day -----	720.00	450.00	2	----- good
152	Sioux City ------	9	2.75	day -----	840.00	-------	2	----- good
153	Sioux City ------	9	2.75	day -----	-------	50.00	4	----- good

No. 3—Idle 40 days of year.
No. 4—Idle 45 days of year.
No. 5—Helper only.

OF IOWA—(CONTINUED).

CLERKS, POST OFFICE.

Amount of Insurance Carried: Life	Amount of Insurance Carried: Fire	The Home: Owned	The Home: Value of	The Home: Equity in	Variation in Hours and Wages since 1906	Marginal Number
-------	-------	No	-------	-------	Increase of $100.00 per year	115
$ 2,000.00	$ 500.00	No	-------	-------	Increase of $100.00 per year	116

CLERKS, RETAIL.

-------	-------	No	-------	-------	No increase in wages	117
$ 500.00	$ 300.00	No	-------	-------	Increase of $1.25 per week	118
2,200.00	750.00	No	-------	-------	Increase of 50 cents per day	119
-------	-------	No	-------	-------	Increase of $4.00 per week	120
1,000.00	1,600.00	Yes	$ 2,000.00	$ 1,650.00	Slight increase in salary	121
3,000.00	1,400.00	Yes	1,600.00	700.00	No increase in wages	122
1,000.00	700.00	No	-------	-------	$3 1-3 increase in wages	123
2,000.00	1,000.00	No	-------	-------	Increase of $10.00 per month	124
2,000.00	-------	No	-------	-------	No change in wages	125
-------	700.00	Yes	1,000.00	-------	Increase of 30 cents per day	126
5,000.00	2,500.00	Yes	3,000.00	-------	No increase in wages	127
-------	1,000.00	Yes	1,000.00	600.00	Slight increase in wages	128
6,000.00	3,600.00	Yes	3,000.00	400.00	No increase in wages	129
1,000.00	1,000.00	Yes	2,000.00	-------	No increase in wages	130
-------	-------	No	-------	-------	No change in wages	131
1,000.00	-------	No	-------	-------	Increase of 66 2-3 cents per day	132
1,000.00	-------	No	-------	-------	Increase of $5.00 per month	133
-------	250.00	No	-------	-------	Increase of 20 cents per day	134
2,000.00	1,800.00	Yes	4,000.00	2,666.00	No increase in wages	135

CONDUCTORS.

$ 2,000.00	-------	No	-------	-------	Slight increase in wages	136
3,000.00	$ 1,200.00	Yes	$ 3,000.00	-------	Increase of 20 cents per day	137
3,000.00	$ 1,200.00	Yes	$ 3,000.00	-------	Increase of 20 cents per day	138
8,000.00	3,000.00	Yes	4,500.00	$ 2,000.00	Increase of $10.00 per month	139

COREMAKERS.

$ 1,000.00	-------	No	-------	-------	Increase of 25 cents per day	140
-------	-------	No	-------	-------	Increase of 25 cents per day	141

ELECTRICAL WORKERS.

$ 1,100.00	-------	No	-------	-------	Increase of $5.00 per month	142
5,000.00	$ 800.00	No	-------	-------	No increase in wages	143
7,000.00	-------	No	-------	-------	Increase of 25 cents per day	144
1,000.00	800.00	No	-------	-------	No change in wages	145
-------	500.00	No	-------	-------	Increase of 25 cents per day	146
1,000.00	400.00	No	-------	-------	Increase of 50 cents per day	147
1,000.00	200.00	No	-------	-------	Increase of 25 cents per day	148
100.00	-------	No	-------	-------	No change in wages	149
2,100.00	750.00	No	-------	-------	No change in wages	150
-------	800.00	Yes	$ 1,000.00	-------	No change in wages	151
1,000.00	-------	No	-------	-------	No change in wages	152
1,000.00	500.00	No	-------	-------	No change in wages	153

WAGE EARNERS

ENGINEERS, STATIONARY.

Marginal Number	Locality Where	Working hours per day	Wages: Rate	Wages: Per	Total Earnings for Year 1907	Total Savings or Past Year	Number Supported by your Earnings	Sanitation Where Employed	
154	Beacon ..... No. 1	9	$ 75.00	month	$ 850.00	.....	4	.....	good
155	Cedar Rapids	10	110.00	month	1,320.00	250.00	6	.....	good
156	Cedar Rapids	10	125.00	month	1,500.00	500.00	2	.....	good
157	Cedar Rapids	8	65.00	month	780.00	.....	3	.....	good
158	Cedar Rapids	10	4.24	day	1,320.00	.....	7	.....	good
159	Cedar Rapids	12	65.00	month	780.00	.....	3	.....	good
160	Cedar Rapids	12	90.00	month	1,080.00	.....	3	.....	good
161	Exline	9	62.00	month	960.00	500.00	2	.....	good
162	Keokuk ..... No. 2	12	50.00	month	450.00	100.00	3	.....	poor
163	Yoder	8	2.00	day	.....	.....	1	.....	good

No. 1—Idle 20 days of year.
No. 2—Idle 90 days of year.

FIREMEN, LOCOMOTIVE.

164	Cedar Rapids No. 3		$2.60-3.50	day	761.00	.....	3	.....	good
165	Mason City.. No. 4	10	2.80	day	900.00	300.00	2	.....	good
166	Mason City .. No. 5	10	80.00	month	1,000.00	.....	3	.....	good
167	Mason City	10	3.10	day	1,000.00	.....	3	.....	good
168	Mason City	10	3.00	day	1,000.00	.....	3	.....	good
169	Mason City	10	2.90	day	1,000.00	300.00	1	.....	good

No. 3—Idle 100 days of year.
No. 4—Idle 30 days of year.
No. 5—Idle 72 days of year.

FREIGHT HANDLERS.

170	Des Moines	10	$ .16½	hour	$ 750.00	$ 200.00	1	.....	good
171	Des Moines	10	52.50	month	630.00	$ 10.00	3	.....	good
172	Des Moines ..... No. 6	10	.16½	hour	452.00	.....	6	.....	good

No. 6—Idle 43 days of year.

GLASS WORKERS.

173	Davenport	9	$ 13.00	week	.....	.....	4	.....	good
174	Davenport	9	14.94	week	$ 717.12	.....	3	.....	poor
175	Davenport	9	18.00	week	.....	.....	2	.....	good
176	Fort Dodge ... No. 7	9	14.00	week	448.00	.....	1	.....	good

No. 7—Idle 120 days of year.

HARNESSMAKERS.

177	Davenport	10	.20	hour	.....	.....	1	.....	poor
178	Davenport	10	.22½	hour	.....	.....	2	.....	poor

OF IOWA—(CONTINUED).

ENGINEERS, STATIONARY.

Amount of Insurance Carried: Life	Amount of Insurance Carried: Fire	The Home: Owned	The Home: Value of	The Home: Equity in	Variation in Hours and Wages since 1906	Marginal Number
$ 2,000.00	$ 600.00	Yes	$ 2,000.00	$ 180.00	5% increase in wages	154
5,500.00	2,800.00	Yes	2,800.00	1,800.00	30% increase in wages	155
7,000.00	2,000.00	Yes	$ 3,000.00	.....	No change in wages	156
.....	1,200.00	Yes	1,000.00	.....	Increase of $5.00 per month	157
2,500.00	1,500.00	Yes	2,300.00	.....	Increase of $1.24 per day	158
2,000.00	1,000.00	Yes	2,500.00	1,500.00	No change in wages	159
2,000.00	2,000.00	Yes	1,400.00	420.00	No change in wages	160
1,000.00	825.00	Yes	4,800.00	650.00	5% increase in wages	161
1,000.00	200.00	No	.....	.....	15% increase in wages	162
.....	.....	No	.....	.....	No change in wages	163

FIREMEN, LOCOMOTIVE.

.....	.....	No	.....	.....	Increase of 25 cents per day	164
$ 2,000.00	$ 2,100.00	Yes	$ 2,500.00	$ 600.00	20% increase in wages	165
2,300.00	500.00	No	.....	.....	Increase of 10-20 cents per 100 miles	166
2,000.00	450.00	No	.....	.....	Increase of 25 cents per day	167
3,000.00	.....	No	.....	.....	Increase of 20 cents per day	168
1,500.00	800.00	Yes	1,250.00	600.00	Increase of 20 cents per day	169

FREIGHT HANDLERS.

.....	.....	Yes	$ 8,000.00	clear	Increase of 15 cents per day	170
$ 2,000.00	.....	No	.....	.....	Increase of 10 cents per day	171
.....	.....	No	.....	.....	Increase of 15 cents per day	172

GLASS WORKERS.

$ 500.00	.....	No	.....	.....	Slight increase in wages	173
2,000.00	300.00	No	.....	.....	Increase of 25 cents per day	174
.....	.....	No	.....	.....	Slight increase in wages	175
.....	.....	No	.....	.....	Increase of 33 1-3 cents per day	176

HARNESSMAKERS.

.....	.....	No	.....	.....	Increase of $1.00 per week	177
$ 1,500.00	.....	No	.....	.....	Slight increase in wages	178

WAGE EARNERS

LABORERS, COMMON.

Marginal Number	Locality Where	Working hours per day	Wages: Rete	Wages: Pe.	Total Earnings for Year 1907	Total Savings for Past Year	Number Supported by your Earnings	Sanitation Where Employed
179	Cedar Rapids No. 1	10	$ 6.00	week	$ 276.00		2	good
180	Cedar Rapids	9	1.50	day			2	good
181	Cedar Rapids No. 2	10	.17	hour	445.00		1	good
182	Cedar Rapids No. 3	11	1.85	day	381.60		6	good
183	Clinton No. 4	10	.20	hour	500.00		3	good
184	Moingona No. 5	9	1.00	day	200.00		1	good

No. 1—Idle 40 days of year.; boy 17 years old.
No. 2—Idle 60 days of year.
No. 3—Idle 20 days of year.
No. 4—Idle 40 days of year.
No. 5—Idle 40 days of year; farm hand earnings include board and washing.

LETTER CARRIERS.

185	Mason City	8	$ 75.00	month	$ 875.00	$ 230.00	2	good
186	Mason City No. 6	8	.30	hour	260.00	19.00	1	good
187	Mason City	8	75.00	month	875.00		5	poor
188	Mason City	8	75.00	month	900.00	300.00	2	good
189	Mason City	8	75.00	month	900.00	400.00	3	good
190	Mason City No. 7	8	2.40	day	700.00		2	good

No. 6—Idle 8 months of year.
No. 7—Idle 60 days of year.

LINOTYPE OPERATORS.

191	Cedar Rapids	8	$ 20.00	week	1,040.00		4	poor
192	Sioux City No. 8	8	3.50	day	1,000.00		3	good
193	Sioux City	8	24.00	week	1,376.00		4	good
194	Sioux City	8	24.00	week	1,208.00		4	good
195	Sioux City	8	21.00	week	1,000.00	100.00	1	poor

No. 8—Idle 45 days of year.

MACHINISTS.

196	Cedar Rapids	10	$ .27	hour			4	good
197	Cedar Rapids No. 9	10	.17½	hour	$ 422.00		1	good
198	Clinton No. 10	9	.37	hour	922.00	$ 150.00	3	good
199	Clinton	9	.37	hour	890.00		7	good
200	Clinton	10	.30	hour			1	good
201	Clinton No. 11	9	.37	hour	1,098.00	125.00	6	good
202	Clinton No. 12	10	.30	hour	875.00		3	poor
203	Eldon No. 13	10	.35	hour	800.00		1	poor
204	Oelwein	10	.35	hour			8	good
205	Oelwein No. 14	10	.35	hour	783.90	400.00	1	poor
206	Oelwein No. 15	9	.37	hour	785.00		5	poor
207	Oskaloosa	9	.31½	hour	780.00	350.00	1	good
208	Oskaloosa No. 16	8	.40	hour	1,350.00	350.00	3	poor
209	Oskaloosa	10	16.50	week			2	good
210	Oskaloosa No. 17	10	.20	hour	560.00		4	good
211	Ottumwa No. 18	9	.33⅓	hour	834.00		4	good
212	Ottumwa No. 19	10	.32½	hour	900.00		1	poor
213	Waterloo	9	.37	hour	900.00	170.00	4	good

No. 9—Idle 60 days of year.
No. 10—Idle 22 days of year.
No. 11—Idle 20 days of year.
No. 12—Idle 15 days of year.
No. 13—Idle 90 days of year.
No. 14—Idle 104 days of year.
No. 15—Idle 125 days of year.
No. 16—Idle 20 days of year.
No. 17—Idle 30 days of year.
No. 18—Idle 35 days of year.
No. 19—Idle 28 days of year.

OF IOWA—(CONTINUED).

LABORERS, COMMON.

Amount of Insurance Carried: Life	Amount of Insurance Carried: Fire	The Home: Owned	The Home: Value of	The Home: Equity in	Variation in Hours and Wages since 1906	Marginal Number
$ 245.00		No			No change in wages	179
		No			Reduction of 50 cents per day	180
		No			No change in wages	181
2,000.00		No			Increase of 5 cents per day	182
500.00	1,000.00	Yes	2,000.00	1,500.00	Increase of 20 cents per day	183
		No			Increase of 25 cents per day	184

LETTER CARRIERS.

$ 3,000.00	$ 400.00	No			Increase of 14 cents per day	185
		No			Increase of 73 1-3 cents per day	186
7,000.00	3,300.00	Yes	$ 4,000.00	$ 3,300.00	Increase of 25 cents per day	187
5,000.00	2,000.00	Yes	2,300.00	clear	Increase of 15 cents per day	188
3,000.00		Yes	2,300.00	clear	Increase of $50.00 per year	189
		No			Increase of $50.00 per year	190

LINOTYPE OPERATORS.

$ 2,000.00	$ 500.00	No			No increase in wages	191
1,170.00		No			Increase of 50 cents per day	192
3,000.00	500.00	No			3% increase in wages	193
5,000.00	3,000.00	Yes	$ 4,000.00		5% increase in wages	194
1,000.00		No			Increase of 8 1-3 cents per day	195

MACHINISTS.

$ 1,000.00	$ 750.00	Yes	$ 1,500.00	$ 700.00	Slight decrease in wages	196
1,000.00		No			Increase of 50 cents per day	197
3,000.00	2,200.00	Yes	3,000.00	clear	Increase of 3 cents per hour	198
4,000.00	1,200.00	Yes	1,300.00	700.00	Increase of 3 cents per hour	199
		No			Increase of 40 cents per day	200
2,200.00	800.00	No			No increase in wages	201
1,000.00	600.00	No			No increase in wages	202
		No			Increase of 20 cents per day	203
1,500.00		No			Decrease of 20 cents per day	204
1,000.00		No			Slight increase in wages	205
4,250.00	800.00	Yes	1,400.00	1,000.00	Increase of 22½ cents per day	206
1,500.00	1,000.00	Yes	1,350.00		No change in wages	207
3,000.00	700.00	No			20% increase in wages	208
	700.00	No			No change in wages	209
3,000.00	800.00	Yes	1,500.00	clear	No change in wages	210
3,000.00		Yes	2,800.00	1,300.00	No change in wages	211
2,000.00		No			Increase of 25 cents per day	212
250.00	1,900.00	Yes	2,300.00	900.00	Increase of 27 cents per day	213

OF IOWA—(CONTINUED).

MACHINIST HELPERS.

Marginal Number	Locality Where	Working hours per day	Wages Rate	Wages Per	Total Earnings for Year 1907	Total Savings for Past Year	Number Supported by your Earnings	Sanitation Where Employed
214	Eldon ..... No. 1	10	$ .18½	hour	$ 630.00	.....	4	..... good
215	Valley Junction	12	.16	hour	.....	.....	6	..... poor

No. 1—Idle 20 days of year.

Amount of Insurance Carried: Life	Fire	The Home: Owned	Value of	Equity in	Variation in Hours and Wages since 1906	Marginal Number
.....	$ 1,100.00	Yes	$ 2,000.00	clear	Increase of 1½ cents per hour	214
1,000.00	900.00	Yes	1,200.00	$ 65.00	Increase of 1 cent per hour	215

MINERS.

216	Ankeny	8	$ 3.00	day	$ 900.00	$ 350.00	1	..... fair
217	Ankeny	8	3.00	day	.....	.....	1	..... good
218	Avery ..... No. d	8	2.00	day	450.00	.....	5	..... poor
219	Beacon ..... No. e	8	3.00	day	669.00	.....	7	..... good
220	Beacon	8	3.50	day	.....	375.00	2	..... good
221	Buxton ..... No. f	8	3.80	day	900.00	100.00	9	..... poor
222	Buxton	8	2.75	day	720.00	.....	3	..... poor
223	Centerville ..... No.	8	2.15	day	225.60	80.00	2	
224	Cricket	8	2.00	day	.....	.....	6	..... poor
225	Des Moines	8	70.00	month	870.00	.....	6	
226	Des Moines	8	1.00	per ton	.....	.....	1	..... poor
227	Des Moines	8	2.50	day	.....	100.00	2	
228	Des Moines	8	3.00	day	.....	.....	6	..... poor
229	Exline ..... No. a	8	3.15	day	327.00	.....	4	..... good
230	Exline ..... No. g	8	2.50	day	275.00	.....	6	..... fair
231	Exline ..... No. h	8	2.00	day	425.00	.....	4	
232	Exline ..... No. b	8	2.00	day	300.00	.....	4	..... poor
233	Foster	8	2.20	day	550.00	21.00	5	..... poor
234	Hickory ..... No. c	8	2.85	day	340.00	.....	4	..... poor
235	Hocking	8	2.50	day	.....	.....	6	..... good
236	Hocking ..... No. i	8	3.50	day	750.00	.....	6	
237	Hocking ..... No. j	8	2.65	day	583.00	.....	3	
238	Moingona ..... No. k	8	.99	ton	250.00	.....	4	..... poor
239	Morvia ..... No. l	8	2.50	day	600.50	.....	9	..... poor
240	Ottumwa ..... No. m	8	2.65	day	508.80	.....	3	
241	Pella	8	2.00	day	.....	.....	5	..... good
242	Rathbun	8	2.50	day	.....	150.00	2	..... good
243	Valley Junction	8	4.00	day	.....	.....	1	
244	Valley Junction No. n	8	2.50	day	585.00	.....	3	..... poor
245	Valley Junction	8	1.00	ton	.....	.....	4	..... poor
246	Valley Junction	8	1.00	ton	.....	.....	5	
247	What Cheer	8	3.25	day	.....	.....	4	..... poor

$ 800.00	.....	No	.....	.....	5% increase in wages	215
.....	.....	No	.....	.....	10% increase in wages	217
1,000.00	$ 300.00	No	.....	.....	Increase of 5.55%	218
.....	.....	No	.....	.....	Increase of 5.55%	219
.....	.....	No	.....	.....	Increase of 5 5-8%	220
420.00	.....	No	.....	.....	Increase of 5 cents per ton	221
948.00	450.00	No	.....	.....	Increase of 5 cents per ton	222
.....	.....	No	.....	.....	Increase of 5 cents per ton	223
500.00	.....	Yes	$ 500.00	.....	Increase of 5 cents per ton	224
500.00	.....	No	.....	.....	Increase of 5 cents per ton	225
.....	.....	Yes	500.00	.....	Increase of 5 cents per ton	226
.....	.....	Yes	1,300.00	.....	Increase of 5 cents per ton	227
.....	.....	Yes	1,500.00	clear	Increase of 5 cents per ton	228
.....	1,000.00	Yes	1,500.00	.....	Increase of 5 cents per ton	229
100.00	.....	No	.....	.....	Increase of 5 cents per ton	230
1,150.00	.....	No	.....	.....	Increase of 5 cents per ton	231
.....	850.00	Yes	800.00	$ 350.00	Increase of 5 cents per ton	232
.....	.....	No	.....	.....	Increase of 5 cents per ton	233
.....	.....	Yes	800.00	.....	Increase of 5 cents per ton	234
400.00	.....	No	.....	.....	Increase of 5 cents per ton	235
735.00	900.00	Yes	600.00	clear	Increase of 5 cents per ton	236
156.00	400.00	No	.....	.....	Increase of 5 cents per ton	237
.....	.....	No	.....	.....	No change in wages	238
1,000.00	.....	Yes	2,000.00	1,500.00	Increase of 5 cents per ton	239
1,000.00	1,000.00	Yes	1,200.00	.....	Increase of 5 cents per ton	240
.....	600.00	Yes	1,500.00	.....	Increase of 5 cents per ton	241
500.00	.....	Yes	700.00	clear	Increase of 5 cents per ton	242
.....	.....	No	.....	.....	Increase of 5 cents per ton	243
.....	.....	No	.....	.....	Increase of 5 cents per ton	244
.....	.....	No	.....	.....	Increase of 5 cents per ton	245
.....	.....	Yes	500.00	100.00	Increase of 5 cents per ton	246
.....	.....	Yes	300.00	clear	Increase of 5 5-8%	247

No. d—Idle 100 days of year.
No. e—Idle 90 days of year.
No. f—Idle 60 days of year.
No. g—Idle 200 days of year.
No. h—Idle 150 days of year.
No. i—Idle 60 days of year.
No. j—Idle 30 days of year.
No. k—Idle 50 days of year.
No. l—Idle 50 days of year.
No. m—Idle 150 days of year.
No. n—Idle 65 days of year.
No.—Idle 8 months.
No. a—Idle 240 days of year.
No. b—Idle 154 days of year.
No. c—Four months idle.

MINE CHECKWEIGHMEN.

248	Albia	8	3.37½	day	.....	.....	8	..... good
249	Hocking	8	3.37½	day	.....	$ 60.00	6	..... good

$ 2,000.00	.....	No	.....	.....	Increase of 5 5-8%	248
600.00	$ 400.00	No	.....	.....	No change in wages	249

WAGE EARNERS

MINE LABORERS.

Marginal Number	Locality Where	Working hours per day	Wages: Rate	Wages: Per	Total Earnings for Year 1907	Total Savings for Past Year	Number Supported by your Earnings	Sanitation Where Employed
250	Albia	8	$ 2.00	day	$ 720.00	$ 250.00	2	good
251	Beacon	8	2.25	day	580.00	100.00	4	
252	Beacon ----No. 1	8	2.56	day	542.48		5	
253	Des Moines	8	2.56	day				poor
254	Eveland	8	1.90	day			4	good
255	Exline ----No. 2	8	2.56	day	600.00		2	
256	Fort Dodge----No. 3	8	2.00	day	510.00		6	poor
257	New Market	8	2.25	day			6	good
258	Olivet ----No. 4	8	1.90	day	300.00	60.00	1	good

No. 1—Idle 104 days of year.
No. 2—Idle 60 days of year.
No. 3—Idle 55 days of year.
No. 4—Idle 50 days of year.

MOTORMEN.

259	Cedar Rapids No. 5	12	$ .22	hour	$ 650.00		2	
260	Cedar Rapids No. 6	11	.22	hour	700.00	$ 250.00	3	good
261	Cedar Rapids	11	.22	hour		250.00	2	good
262	Cedar Rapids	11	.22	hour			4	good
263	Cedar Rapids	9	.23	hour	750.00	245.00	5	good
264	Davenport	10½	.22	hour	880.00	100.00	3	good

No. 5—Idle 65 days of year.
No. 6—Idle 60 days of year.

PAINTERS AND PAPERHANGERS.

265	Des Moines --No. 7	8	$ .37½	hour	$ 700.00		4	good
266	Des Moines --No. 8	8	3.00	day	800.00	$ 45.00	4	
267	Dubuque ----No. 9	8	.37½	hour	500.00		2	
268	Waterloo	9	.30	hour	700.00		3	
269	Waterloo	9	.33 1-3	hour	640.00		2	

No. 7—Idle 50 days of year.
No. 8—Idle 50 days of year.
No. 9—Idle 104 days of year.

PLASTERERS.

270	Cedar Rapids No. 10	8	$ 4.50	day	$ 800.00	$ 200.00	7	good
271	Mason City	9	.45	hour	800.00		9	good

No. 10—Idle 104 days of year.

PLUMBERS.

272	Cedar Rapids	8	5.00	day			4	
273	Council Bluffs	8	.62½	hour			3	good
274	Davenport	8	100.00	month	1,200.00		1	good
275	Sioux City ----No. 1	8	4.16	day	4,100.00		3	poor
				week	$ 950.00	$ 400.00		

No. 1—Idle 90 days of year.

OF IOWA—(CONTINUED).

MINE LABORERS.

Amount of Insurance Carried: Life	Amount of Insurance Carried: Fire	The Home: Owned	The Home: Value of	The Home: Equity in	Variation in Hours and Wages since 1906	Marginal Number
$ 1,000.00		No			Increase of 40 cents per day	250
$ 1,000.00		No			Increase of 5 5-8%	251
	600.00	No			Increase of 5 5-8%	252
		No			Increase of 5 5-8%	253
		No			Increase of 5 5-8%	254
	675.00	Yes	$ 850.00	$ 350.00	Increase of 5 5-8%	255
1,000.00	550.00	Yes	2,000.00	clear	Decrease of 40 cents	256
	775.00	No			Slight decrease in wages	257
		Yes	800.00	clear	Increase of 5 5-8%	258

MOTORMEN.

$ 300.00		No			Increase of 10%	259
1,000.00	800.00	Yes	$ 1,400.00	$ 1,000.00	Increase of 40 cents per day	260
3,000.00	300.00	No			Increase of 82 cents per day	261
2,500.00		Yes	2,300.00		Increase of 1.00 per day	262
3,000.00		Yes	1,800.00	300.00	Increase of 30 cents per day	263
2,100.00	2,300.00	Yes	1,500.00		Increase of 2 cents per hour	264

PAINTERS AND PAPERHANGERS.

$ 2,000.00	$ 1,500.00	Yes	$ 4,000.00	clear	No change in wages	265
1,000.00	375.00	Yes	808.00	643.00	No change in wages	266
1,000.00	400.00	No			Increase of 50 cents per day	267
4,000.00	750.00	No			Increase of 2½ cents per hour	268
3,000.00	2,500.00	Yes	4,000.00	clear	Increase of 16⅔ cents per hour	269

PLASTERERS.

$ 1,700.00	$ 1,300.00	Yes	$ 2,500.00	$ 1,800.00	No change in wages	270
		No			No change in wages	271

PLUMBERS.

$ 3,100.00		No			Increase of 50 cents per day	272
4,100.00		No			Increase of 12½ cents per hour	273
1,000.00		No			No change in wages	274
		No			Increase of 25 cents per day	275

WAGE EARNERS

PRINTERS.

Marginal Number	Locality Where	Working hours per day	Wages Rate	Wages Per	Total Earnings for Year 1907	Total Savings for Past Year	Number Supported by your Earnings	Sanitation Where Employed
276	Burlington	8	$ 19.00	week	950.00	400.00	1	good
277	Cedar Rapids	8	.20	hour			3	good
278	Cedar Rapids No. 2	8	.33 1-3	hour	775.00		2	good
279	Keokuk No. 3	8	17.00	week	785.00	200.00		fair
280	Keokuk	9	19.00	week	930.00		2	poor
281	Marshalltown	9	20.00	week	1,040.00	300.00	2	good
282	Muscatine	8	17.00	week	884.00		1	good
283	Muscatine	8	17.00	week			5	poor
284	Sioux City	8	18.00	week			2	good
285	Sioux City	8	3.50	day	1,092.00		4	good
286	Sioux City	8	3.50	day	1,092.00		7	good

No. 2—Idle 20 days of year.
No. 3—Idle 21 days of year.

SHEET METAL WORKERS.

287	Des Moines No. 4	8	$ .40	hour	$ 900.00		3	good
288	Des Moines No. 5	8	.37½	hour	700.00	$ 150.00	5	good
289	Des Moines	8	.37½	hour			2	good
290	Ottumwa	9	.33 1-3	hour			3	good

No. 4—Idle 30 days of year.
No. 5—Idle 90 days of year.

STEAM-FITTERS.

291	Council Bluffs	8	$ 5.00	day			4	good
292	Council Bluffs	8	5.50	day	1,426.97	$ 300.00	7	
293	Sioux City No. 6	8	4.00	day	852.00		3	poor

No. 6—Idle 153 days of year.

STONE MASONS.

294	Marion	10	$ .35	hour	$ 300.00		3
295	Marshalltown		4.05	day			1

TAILORING.

296	Boone				$ 420.00		5	good
297	Cedar Rapids No. 1	10	2.50	day	$ 750.00		6	good
298	Fort Madison No. 2	10	2.50	day	425.00		2	good
299	Ottumwa No. 3	10	1.50	day	460.00		4	good
300	Ottumwa	10	2.25	day			2	good

No. 1—Idle 15 days of year.
No. 2—Idle 30 days of year.
No. 3—Idle 60 days of year.

OF IOWA—(CONTINUED).

PRINTERS.

Amount of Insurance Carried Life	Fire	The Home Owned	Value of	Equity in	Variation in Hours and Wages since 1906	Marginal Number
$ 1,000.00	$ 500.00	No			No change in wages	276
	1,200.00	Yes	$ 3,000.00		Slight decrease in wages	277
		No			Increase of 33 1-3 per day	278
2,000.00		No			No increase in wages	279
	500.00	No			Increase of 50 cents per day	280
2,000.00	2,200.00	Yes	2,600.00	clear	No change in wages	281
1,000.00		No			No change in wages	282
3,000.00	1,800.00	Yes	3,000.00	clear	No change in wages	283
2,000.00	500.00	No			Increase of 17 cents per day	284
2,000.00	2,000.00	Yes	2,800.00	1,900.00	Increase of 8 cents per day	285
2,150.00	800.00	No			Increase of 8 1-3 cents per day	286

SHEET METAL WORKERS.

$ 1,000.00		No			Increase of 40 cents per day	287
3,500.00		Yes	$ 500.00	$ 350.00	Increase of 60 cents per day	288
1,000.00		No			Increase of 2½ cents per hour	289
2,100.00	$ 1,200.00	Yes	1,200.00		Increase of 50 cents per day	290

STEAM-FITTERS.

$ 2,000.00		No			Increase of 50 cents per day	291
3,000.00	$ 1,000.00	Yes	$ 1,500.00	$ 180.00	Increase of 50 cents per day	292
		No			No change in wages	293

STONE MASONS.

$ 500.00	$ 1,100.00	Yes	$ 900.00	clear	No change in wages	294
		No			No change in wages	295

TAILORING.

$ 1,000.00	$ 1,000.00	Yes	$ 1,400.00	clear	Slight decrease in wages	296
3,700.00	1,000.00	Yes	2,000.00	clear	Increase of 15 cents per day	297
2,000.00		Yes	1,500.00	clear	Increase of 10%	298
600.00	1,400.00	Yes	800.00		Increase of 15 cents per day	299
	800.00	Yes	1,800.00		Slight increase in wages	300

TEAMSTERS.

Marginal Number	Locality Where	Working hours per day	Wages Rate	Wages Par	Total Earnings for Year 1907	Total Savings for Past Year	Number Supported by your Earnings	Sanitation Where Employed
301	Cedar Rapids	11	1.75	day		$ 150.00	2	
302	Davenport	10	12.00	week			7	good
303	Dubuque	10	12.20	week	$ 580.00		6	
304	Dubuque	11	2.00	day	612.00		15	
305	Dubuque No. 4	10	2.00	day	550.00		3	good
306	Dubuque	10	2.00	day	600.00		4	

No. 4—Idle 21 days of year.

TELEGRAPHERS.

307	Alta No. 5	12	$ 65.00	month	$ 580.00		1	poor
308	Archer	12	52.50	month	630.00		3	good
309	Aurelia	12	80.00	month	1,080.00	180.00	5	poor
310	Blairsburg	12	57.50	month			2	poor
311	Boone No. 6	9	75.00	month	684.81	100.00	1	good
312	Charles City	9	62.50	month		100.00	4	good
313	Clarion	13	55.00	month	500.00	200.00	3	good
314	Denison	12	87.50	month	1,050.00	490.00	2	good
315	Dubuque No. 7	9	57.50	month	690.00	209.00	4	good
316	Fonda	10	80.00	month	900.00		2	good
317	George	12	60.00	month	720.00	300.00	5	good
318	Grable	13	52.50	month	630.00		4	good
319	Highview	12	52.50	month		100.00	4	good
320	Hinton	12	60.00	month	720.00	200.00	4	good
321	Iowa City	8	45.00	month	600.00	60.00	4	good
322	Iowa City	8	45.00	month	600.00	100.00	3	good
323	Judd	12	52.00	month	630.00	250.00	3	good
324	Larrabee	12	52.50	month	694.75	300.00	2	good
325	Leeds	12	65.00	month	780.00	45.00	6	good
326	Le Mars	12	95.00	month	1,140.00		4	good
327	Le Mars	12	83.33	month	1,000.00		5	good
328	Logan	12	85.00	month	800.00		4	good
329	Manchester	10	97.50	month	1,150.00	500.00	5	good
330	Marshalltown		100.00	month	900.00		4	poor
331	Matlock	12	52.50	month	630.00	300.00	1	good
332	Merrill	12	55.00	month	700.00	200.00	2	good
333	Newell	12	62.50	month	750.00	175.00	3	good
334	New Hartford	12	55.00	month	660.00		2	good
335	N. Liberty No. 8	12	35.00	month	385.00		7	poor
336	Olds No. 9	12	52.50	month	228.00		4	good
337	Orchard	12	52.50	month	600.00		1	good
338	Oto No. 10	12	57.50	month	564.58	5.00	4	good
339	Peosta	9	60.00	month	650.00	350.00	2	good
340	Pomeroy	12	62.50	month	939.00	300.00	7	good
341	Remsen	12	65.00	month	605.00		4	good
342	Rockwell	12	55.00	month	660.00	200.00	2	poor
343	Sherwood	10½	52.50	month	630.00		3	good
344	Storm Lake	9	62.50	month	860.00		5	good
345	Sulphur Springs	13	55.50	month			2	good
346	Tara	12	75.00	month	900.00	360.00	3	good
347	Waverly No. 11	11	72.50	month	747.50	233.50	2	good
348	Winthrop	12	75.00	month	865.00	145.00	4	good

No. 5—Idle 73 days of year.
No. 6—Idle 20 days of year.
No. 7—Idle 30 days of year.
No. 8—Idle 30 days of year.
No. 9—Idle 182 days of year.
No. 10—Idle 50 days of year.
No. 11—Idle 30 days of year.

OF IOWA—(CONTINUED).

TEAMSTERS.

Amount of Insurance Carried: Life	Amount of Insurance Carried: Fire	The Home: Owned	The Home: Value of	The Home: Equity in	Variation in Hours and Wages since 1906	Marginal Number
$ 2,000.00	$ 1,700.00	Yes	$ 2,000.00	clear	No change in wages	301
3,000.00		No			No change in wages	302
	1,800.00	Yes	2,500.00	clear	Slight increase in wages	303
1,000.00		No			Increase of 20%	304
2,000.00		No			Increase of 1½ cents per hour	305
3,000.00	1,000.00	Yes	2,500.00	$ 450.00	Increase of 16⅔ cents per day	306

TELEGRAPHERS.

		No			Increase of 4%	307
$ 3,300.00		No			Increase of 17 cents per day	308
6,700.00	$ 3,300.00	Yes	$15,000.00	$ 4,000.00	Increase of 13½%	309
3,300.00	1,000.00	Yes	700.00	300.00	Increase of $5.00 per month	310
1,000.00		No			No change in wages	311
2,300.00		No			Increase of $10.00 per month	312
500.00	400.00	No			Increase of $10.00 per month	313
2,300.00		No			Increase of 9%	314
300.00		No			Increase of 10%	315
2,000.00	1,000.00	No			Increase of $15.00 per month	316
2,300.00	1,000.00	Yes	800.00	clear	Increase of $7.50 per month	317
300.00		No			Increase of $6.00 per month	318
1,000.00		Yes	800.00	250.00	Increase of $5.00 per month	319
1,300.00		No			Increase of 10%	320
	350.00	No			Decrease of 16 2-3 cents per day	321
		No			Decrease of 17 cents per day	322
300.00	300.00	No			Increase of 12%	323
500.00	300.00	No			Increase of 12%	324
4,300.00		No			Increase of 8¼ cents per day	325
2,500.00	600.00	No			Increase of $10.00 per month	326
11,000.00	250.00	Yes	1,000.00	600.00	Increase of $25.33 per month	327
3,300.00	200.00	No			Increase of $5.00 per month	328
3,500.00	1,100.00	Yes	2,000.00	clear	Increase of 9%	329
1,000.00		No			Slight increase in wages	330
1,000.00		No			Increase of $5.00 per month	331
3,000.00		No			Slight increase in wages	332
2,000.00		No			Increase of $10.00 per month	333
1,000.00	500.00	No			Increase of $5.00 per month	334
1,000.00	1,000.00	Yes	1,500.00	350.00	No change in wages	335
1,000.00	1,000.00	Yes	600.00	clear	Increase of $2.50 per month	336
500.00		No			No change in wages	337
2,000.00	1,100.00	Yes	900.00	clear	Increase of 15%	338
	300.00	No			Increase of $5.00 per month	339
2,500.00	1,000.00	Yes	1,800.00	1,500.00	Increase of $5.00 per month	340
2,500.00		No			Increase of 7%	341
1,300.00		No			Increase of 10%	342
1,000.00		No			Increase of 5%	343
1,000.00		No			Increase of $5.00 per month	344
2,800.00	500.00	No			Decrease of 75 cents per day	345
1,000.00	1,000.00	Yes	500.00		No change in wages	346
1,500.00	1,700.00	Yes	1,000.00	125.00	Increase of 20%	347
1,300.00	800.00	No			Increase of 9%	348

WAGE EARNERS OF IOWA—(CONTINUED).

TINNERS.

Marginal Number	Locality Where	Working hours per day	Wages: Rate	Wages: Per	Total Earnings for Year 1907	Total Savings for Past Year	Number Supported by your Earnings	Sanitation Where Employed
349	Clinton ------No. 12	9	3.00	day -----	$ 324.00	--------	3	----- good
350	C'ncil Bluffs ..No. 13	8	.37½	hour ----	300.00	--------	7	----- good
351	Des Moines ..No. 14	8	.40	hour ----	192.00	--------	4	----- good
352	Des Moines ----------	8	.40	hour ----	1,000.00	--------	2	----- good
353	New Sharon ----------	10	60.00	month --	690.00	--------	3	----- good
354	Ottumwa -------------	9	2.50	day -----	780.00	$ 100.00	9	----- good
355	Ottumwa -------------	9	.25	hour ----	--------		1	----- good

No. 12—Idle 20 days of year.
No. 13—Idle 30 days of year.
No. 14—Idle 260 days of year.

WOODWORKERS.

356	Clinton ------No. 15	8	$ .26	hour ----	$ 300.00	--------	6	----- good
357	Clinton ------No. 16	10	.24	hour ----	625.00	--------	4	----- good

No. 15—Idle 14 days of year.
No. 16—Idle 30 days of year.

MISCELLANEOUS.

358	Cedar Rapids -------	8	$ 2.00	day -----	$ 600.00	--------	1	----- good
359	Cedar Rapids -------	10	1.75	day -----	--------	--------	1	----- good
360	Cedar Rapids No. 17	8	4.00	day -----	650.00	300.00	3	
361	Cedar Rapids No. 18	10	.17½	hour ----	600.00	--------	6	----- good
362	Cedar Rapids -------	10	12.00	week ----	700.00	--------	8	----- good
363	Cedar Rapids -------	10	13.00	week ----	676.00	--------	3	----- good
364	Cedar Rapids -------	9	75.00	month --	900.00	$ 280.00	3	----- good
365	Centerville ----------	11½	55.00	month --	660.00	--------	3	----- good
366	Davenport ------------							----- good
367	Des Moines ----------	8	115.00	month --	1,380.00	--------	4	----- good
368	Des Moines ..No. 19	9	85.00	month --	900.00	--------	3	----- good
369	Iowa City ----------	8	125.00	month --	1,200.00	600.00	3	----- good
370	Iowa City ------No. 20		200.00	month --	2,200.00	800.00	5	
371	Keokuk ---------------	12					4	----- good
372	Newton ----------------	10	125.00	month --	1,500.00	1,000.00	5	----- good
373	Sioux City ----------	8	21.00	week ----	1,050.00	--------	5	----- good
374	Valley Jct. ..No. 21	10	60.00	month --	650.00	--------	4	----- good
375	Waterloo ------No. 22	8	.40	hour ----	1,020.00	450.00	1	----- good

No. 17—Idle 145 days of year.
No. 18—Idle 20 days of year.
No. 19—Idle 30 days of year.
No. 20—Idle 30 days of year.
No. 21—Idle 20 days of year.
No. 22—Idle 30 days of year.

Key to miscellaneous occupations: (358) meat cutter, (359) cereal worker, (360) railroad timekeeper, (365) lumber salesmen, (366) musician, (367) superintendent salesman, (371) farm laborer, (372) manager of collections, (373) newspaper com-

TINNERS.

Amount of Insurance Carried: Life	Amount of Insurance Carried: Fire	The Home: Owned	The Home: Value of	The Home: Equity in	Variation in Hours and Wages since 1906	Marginal Number
$ 3,000.00	$ 1,000.00	Yes	$ 1,800.00	----------	No change in wages	349
4,000.00	450.00	No	----------	----------	Increase of 30 cents per day	350
1,000.00	450.00	Yes	800.00	$ 300.00	Increase of 40 cents per day	351
1,250.00	1,000.00	Yes	2,500.00	clear	Increase of 40 cents per day	352
100.00	500.00	No	----------	----------	No change in wages	353
2,400.00	800.00	Yes	1,000.00	clear	Increase of 20 cents per day	354
100.00	----------	No	----------	----------	Increase of 25 cents per day	355

WOODWORKERS.

----------	$ 1,400.00	Yes	$ 1,500.00	----------	Increase of 10%	356
----------	350.00	No	----------	----------	Increase of 10%	357

MISCELLANEOUS.

$ 2,850.00	----------	No	----------	----------	No change in wages	358
1,000.00	500.00	No	----------	----------	Increase of 20 cents per day	359
200.00	800.00	Yes	$ 1,500.00	$ 1,100.00	Increase of 20%	360
1,500.00	1,500.00	Yes	1,000.00	----------	Increase of 10%	361
----------	----------	No	----------	----------	Increase of 65 cents per day	362
2,000.00	1,200.00	Yes	1,800.00	400.00	Slight increase in wages	363
1,500.00	----------	No	----------	----------	Increase of 17 cents per day	364
3,500.00	300.00	No	----------	----------	No change in wages	365
1,000.00	500.00	No	----------	----------	Slight increase in wages	366
----------	----------	No	----------	----------	Slight increase in wages	367
2,800.00	----------	No	----------	----------	Increase of $35.00 per month	368
----------	3,000.00	Yes	5,000.00	----------	Increase of $1.00 per day	369
11,400.00	1,200.00	Yes	2,000.00	clear	Increase of 25%	370
----------	----------	Yes	1,200.00	clear	No change in wages	371
4,000.00	1,500.00	Yes	2,500.00	3,200.00	No change in wages	372
2,000.00	----------	No	----------	----------	Increase of 50 cents per day	373
2,000.00	----------	No	----------	----------	Increase of 15 cents per day	374
1,000.00	----------	No	----------	----------	Increase of 15 cents per hour	375

iron worker, (361) coach cleaner, (362) cupola tender, (363) shipping clerk, (364) school buildings, (368) linen salesman, (369) wholesale jewelryman, (370) traveling positor, (374) steam pipe repairer, (375) foreman paint shop.

WAGE EARNERS

Showing occupation, hours worked, wage rates, annual earnings, savings, in hours and

BOOKKEEPERS.

Marginal Number	Locality Where	Working hours per day	Wages: Rate	Wages: Per	Total Earnings for Year 1907	Total Savings for Past Year	Number Supported by your Earnings	Sanitation Where Employed
1	Cedar Rapids	10	7.00	week	$ 306.00		1	poor
2	Oskaloosa	9	5.00	week	250.00	$ 50.00	2	good

CLERK, DRY GOODS.

3	Cedar Rapids	10	$ 7.00	week	$ 364.00	$ 50.00	1	good
4	Cedar Rapids	10	10.00	week	670.00		1	good
5	Iowa City	10	9.00	week	429.00	50.00	1	poor

CLERK, JEWELRY.

6	Cedar Rapids	9	$ 6.00	week			1	good
7	Cedar Rapids	9	6.00	week	$ 312.00		1	good

PHARMACY MANUFACTURING.

8	Cedar Rapids	9	5.25	week	$ 262.50		5	good
9	Cedar Rapids	8	5.50	week			4	good

SKIRT AND GARMENT MFG.

10	Cedar Rapids	10	$ 21.00	month	$ 300.00	$ 100.00	1	good
11	Cedar Rapids	9½	8.00	week			1	poor
12	Cedar Rapids	9	7.00	week			1	good
13	Cedar Rapids	10	1.00	day			1	good
14	Cedar Rapids	8	6.50	week			1	good
15	Cedar Rapids	9½	1.25	day			1	good
16	Cedar Rapids	9	1.25	day	325.00	75.00	2	good
17	Cedar Rapids	10	1.75	day			1	good
18	Cedar Rapids	9½	1.00	day	275.00		4	good
19	Cedar Rapids	9½	5.00	week			1	poor
20	Cedar Rapids	9	.85	day	300.00		2	good
21	Cedar Rapids	10	1.00	day			1	good
22	Keokuk	10	1.00	day			1	good
23	Oskaloosa	8	5.00	week	208.50		1	good

MISCELLANEOUS.

24	Cedar Rapids	10	$ 12.00	week	$ 624.00	$ 100.00	5	fair
25	Cedar Rapids	10	6.00	week			1	good
26	Cedar Rapids	9	18.00	month	150.00	$ 128.00	1	good
27	Cedar Rapids	10	.15	hour			1	good
28	Keokuk	8	40.00	month	480.00		1	good
29	Oskaloosa	8	21.00	month		62.00	1	poor

OF IOWA (WOMEN)

number in family, sanitary conditions, insurance, the home, and variation wages since 1906

BOOKKEEPERS.

Amount of Insurance Carried: Life	Amount of Insurance Carried: Fire	The Home: Owned	The Home: Value of	The Home: Equity in	Variation in Hours and Wages since 1906	Marginal Number
$ 2,000.00		No			Increase of $1.00 per week	1
	$ 500.00	No			Increase of 20 cents per day	2

CLERK, DRY GOODS.

		No			Slight increase in wages	3
		No			Increase of $3.00 per week	4
		No			No change in wages	5

CLERK, JEWELRY.

		No			No change in wages	
		No			Increase of 16 2-3 cents per day	

PHARMACY MANUFACTURING.

		No			Slight increase in wages	
		No			Slight increase in wages	

SKIRT AND GARMENT MFG.

		No			Slight decrease in wages	10
		No			Slight decrease in wages	11
		No			Slight increase in wages	12
		Yes	$ 1,600.00		Decrease of 50 cents per day	13
		No			No change in wages	14
		No			Decrease of 10%	15
		No			No change in wages	16
$ 200.00		No			No change in wages	17
120.00		No			No change in wages	18
		No			No change in wages	19
		No			No change in wages	20
230.00		No			Slight increase in wages	21
		No			Increase of $1.00 per week	22
		No			Increase of $1.00 per week	23

MISCELLANEOUS.

		No			Increase of $2.00 per week	24
		No			No change in wages	25
180.00		Yes	$ 800.00	$ 170.00	No change in wages	26
		No			No change in wages	27
		No			No change in wages	28
		No			Increase of 16 cents per day	29

WAGE EARNERS OF IOWA.

REPLIES FROM INDIVIDUAL WAGE EARNERS TO QUESTION? "WHAT SPECIFIC LEGISLATION WOULD BENEFIT WAGE EARNERS IN YOUR OCCUPATION."

BAKER.—Waverly. The enactment of a law prohibiting night and Sunday work, which is practicable and reducing the number of hours per working day.

BARBER.—Des Moines. We recommend the enactment of a law requiring all barbers to pass an examination before a board of commissioners, the same as in Wisconsin, Missouri, New York and other states.

BARBER.—Des Moines. I believe it would help our trade very much if all barber shops were required to take out a license and be placed under the supervision of the Health Department.

BARBER.—Des Moines. A law restricting the operation of barber schools, where incompetent barbers are turned out to prey on the public. Also a state law prohibiting Sunday work in barber shops.

BARBER.—Des Moines. Sunday closing of barber shops, sanitary regution of same, license for barbers and the abolition of barber colleges.

BARBER.—Des Moines. A law making the operation of barber shops on Sunday a felony.

BARBER.—Dubuque. A law compelling barbers to pass an examination before a board of practical men. Our patrons as well as ourselves would receive a benefit.

BARBER.—Ft. Dodge. We need a law restricting the hours of labor on Saturdays.

BARTENDER.—Keokuk. Just simply repeal the prohibition law.

BARTENDER.—Keokuk. Repeal the prohibition and mulct laws.

BOILERMAKER.—Boone. Make it illegal to work longer than nine hours in any one day.

BOILERMAKER.—Waterloo. A law requiring the inspection of all boilers by experienced boilermakers.

BRAKEMAN.—Belle Plaine. Make all corporations liable by law for injuries received by employes while in their service.

BRICKLAYER.—Clinton. By doing away with the contract system on state work, and having all the work done by the state under a competent superintendent. Also a state law requiring all cities of the first class to provide a building inspector. It is outrageous the way some of the buildings in our larger cities are constructed. They are a menace to life and health.

BRICKLAYER.—Fairfield. A state wide eight-hour law.

BRICKLAYER.—Iowa City. An eight-hour law for all laboring men.

BRICKLAYER.—Iowa City. Make it illegal to work longer than eight hours a day on state work.

CEMENT WORKER.—Marion. A law should be enacted regulating the fees that can be charged by medical men, including the cost of operations.

CAR INSPECTOR.—Waterloo. The state should furnish inspectors for railroad equipment. The Safety Appliance law is being evaded.

CARPENTER.—Davenport. The Child Labor law should be added to and strengthened, and then rigidly enforced.

CARPENTER.—Davenport. Enact an eight-hour law for all classes of work, and a law against government by injunction.

CARPENTER.—Des Moines. Make it unlawful to discriminate against labor organizations.

CARPENTER.—Des Moines. Suppression of contract system on all public work, also abolish trusts who endeavor to control prices of necessaries of life.

CABINET MAKER.—Des Moines. Enact a law that will destroy trusts and combinations that have been forcing up prices of the necessaries of life. We have been unable to force wages up in proportion. Also require the large property interests to pay their just share of the taxes.

CARPENTER.—Mystic. Is it not possible to enact legislation that would be proof against supreme court decisions.

CAR REPAIRER.—Dubuque. Legislate for a nine-hour day, and an employers Liability act.

CAB WORKER.—Waterloo. Enact a law that will break up food stuff combines so that all we earn won't have to be spent for a bare living.

CIGARMAKER.—Davenport. Repeal the prohibition and mulct law and give us a fair license law.

CIGARMAKER.—Davenport. Repeal the mulct and prohibition laws, and enact a reasonable license law in its place.

CIGARMAKER.—Keokuk. A law to prohibit the sale of cigaretts, change the Child Labor law to prohibit child labor under 16 years instead of 14.

CIGARMAKER.—Ottumwa. Enact anti-trust laws.

CIGARMAKER.—Sioux City. Prohibit manufacturing in state prisons.

CIGARMAKER.—Sioux City. Abolish the mulct law; enact strict license law and enforce the same. When a saloonkeeper violates it, fine him. On second offense revoke his license; prohibit breweries from owning saloons.

CIGARMAKER.—Sioux City. Prohibit breweries from owning fixtures in saloons or holding mortgages on same.

CLERK (INSURANCE).—Cedar Rapids. Give us a state wide eight-hour law; strengthen the Child Labor law, and control government by injunction.

CLERK (FREIGHT CHECK).—Des Moines. A general nine-hour law also a law prohibiting the shipment of putrid meats to rendering factories in open packages.

CLERK, (CHECK).—Des Moines. A law which would prevent unscrupulous employers from interfering with the rights of their employes when the latter desire to affiliate with an organization of their craft. Enact a law which will more closely regulate the price of food stuffs according to supply and demand. Enact legislation which will prevent unjust means being used by middle men in cornering food supplies. Under the present system these men push prices up to an unreasonable figure, and the unfortunate consumer is practically at their mercy.

CONDUCTOR.—Belle Plaine. Provide state inspectors whose business will be to see that laws governing the operation of railroads are enforced, and make public the results of their labors.

CONDUCTOR, (PASSENGER).—Belle Plaine. Provide by law for better lighting of coaches on all passenger trains.

CONDUCTOR, (FREIGHT).—Belle Plaine. Control by law the amount of tonnage hauled in freight trains. Also enact a law requiring railroad companies to maintain an operator at all stations.

CONDUCTOR, (FREIGHT).—Cedar Rapids. By passing a law which would compel the railroad companies to pay more attention to the air brakes, and keep this part of the equipment in better working condition.

CONDUCTOR, (FREIGHT).—Eldon. Limit by law the number of freight cars that can be handled in any one train.

CONDUCTOR, (FREIGHT). Ottumwa. Enact all bills into law that the railroad lobbies are seeking to defeat.

CONDUCTOR, (FREIGHT).—Perry. Shorten the hours still more; decrease the tonnage of trains so we would not have to put in so many hours on the road.

CONDUCTOR, (PASSENGER).—Clinton. We need a law that will prohibit drunks from riding on passenger trains.

ELECTRICIAN.—Burlington. By sending the supreme court of the United States of America to the penitentiary for life.

ELECTRICIAN.—Keokuk. All electrical construction work should be made subject to a rigid inspection. Many lives are in jeopardy on account of poor work.

ELECTRICAL ENGINEER.—Keokuk. We need an engineers license law for the safety of life and property. We might thus be able to keep out incompetent persons.

ELECTRICIAN.—Keokuk. Take child laborers out of the factories by raising the limit to 16 years.

ELECTRICIAN.—Keokuk. Establish the eight-hour work day by law.

ELECTRICIAN.—Keokuk. Legislate the trusts out of business.

ELECTRICIAN.—Sioux City. Enact an eight-hour law and require compulsory arbitration in all trade disputes.

ELECTRICIAN.—Sioux City. The passage of an Employer's Liability law and one that will abolish government by injunction.

ENGINEER.—Clinton. A law requiring state inspection of all locomotives in service to determine their condition in regard to safety of crews who operate them.

ENGINEER.—Council Bluffs. Compulsory arbitration of all disputes between capital and labor and provide power brakes on all wheels on locomotives and cars.

ENGINEER.—Eldon. Stricter legislation in regard to the whiskey and beer traffic would help all laboring people and lessen crime.

ENGINEER.—Eldon. I would require by law that engines be kept in better repair as to escaping steam, and that more attention be paid to the comfort of engine-men in cold weather.

ENGINEER.—Eldon. Enact a law requiring that all locomotives be kept in good repair when in active service.

ENGINEER.—Ottumwa. A re-enactment of the Employers Liability law and reduction of the time limit from 16 to 12.

ENGINEER.—Perry. Fewer hours of labor are necessary to insure safety to the public and better service.

ENGINEER.—Sioux City. Abolition of the 16-hour law and state inspection of road bed, track and motive power.

ENGINEER, (STATIONARY).—Cedar Rapids. A state license law for all engineers.

ENGINEER, (STATIONARY).—Cedar Rapids. A state or national license law.

ENGINEER, (STATIONARY).—Cedar Rapids. An eight-hour law in all occupations.

ENGINEER, (STATIONARY).—Cedar Rapids. State or local examinations of men to take charge of boilers and engines of higher pressure than twenty-five pounds to the square inch.

ENGINEER, (STATIONARY).—Keokuk. State license law for engineers, also compelling companies that operate a steam plant of one hundred horse power or more to employ two men for same.

FIREMAN, (LOCOMOTIVE).—Mason City. Laws to compel railroad tracks to be kept in good condition, and to require the use of electric headlights on engines.

LABORER.—Cedar Rapids. By passing a law requiring double pay for repair work done on the Sabbath.

LABORER, (FARM).—Moingona. A law making it a crime to carry a lantern that is, to do farm work after dark.

LETTER CARRIER.—Mason City. A United States law granting substitute mail carriers a small salary while acting as substitute.

LETTER CARRIER.—Mason City. Remove tariff so as to reduce food, clothing and fuel expense.

LINOTYPE OPERATOR.—Sioux City. Require that the state printing be done under eight-hour conditions, and bear the union label.

LINOTYPE OPERATOR.—Sioux City. Reform the tax laws so that capital will be induced to seek investment here, and not be penalized by unjust taxation.

MACHINIST.—Clinton. We need a good Employers Liability law, and a change in the law that is now permitting government by injunction.

MACHINIST.—Clinton. We need the initiative and referendum method in voting on public affairs. The Commissioner of Labor and deputy should

be elected by a direct vote of the people and the necessary funds and help needed to conduct the bureau should be furnished.

MACHINIST.—Oelwein. We need a state eight-hour law in all lines of business, also the initiative and referendum method of voting on public affairs. The election of United States senators by direct vote of the people, legislation prohibiting the importation of strike breakers from other states, and compulsory arbitration in all labor disputes.

MACHINIST.—Oskaloosa. A law holding employers liable for accidents occuring to employes while on duty.

MACHINIST.—Des Moines. I believe there is no law on the statute books of Iowa regarding bad atmosphere, smoke and other nuisances, such as are found in some of the workshops of the state. In the shop where I am working the smoke is sometimes unbearable, at night we have to grope around with a torch and try to do our work, could not something be done through legislation which would provide a penalty for such conditions as this, and give the factory inspectors authority to remedy the evil.

MACHINIST.—Ottumwa. An eight-hour work day in all lines of business.

MACHINIST.—Waterloo. A compulsory eight-hour work day, old age pensions and the abolition of boiler work in rooms where other crafts are employed.

MACHINIST.—Sioux City. I am working in a railroad shop and the water furnished to us is unfit to drink. We need legislation that would remedy this evil, as there is contamination where men have to drink one after the other out of the same cup.

MACHINIST.—Dubuque. The drinking water arrangement in this shop is very unsatisfactory. It is served to us with a bucket and a dipper. The first dip is not so bad, but when it gets near the bottom it is simply the dregs and is unfit for even cattle to drink. Can you do anything for us in the way of legislation, that will compel employers to give us clean drinking water in a cleanly way.

MINER.—Ankeny. Require our employers to furnish wash rooms at all mines for the use of the miners.

MINER.—Avery. We should have old age pensions and an Employers Liability law.

MINER.—Beacon. By having a law requiring that gross weight system to be used in weighing coal.

MINER.—Buxton. Provide for better ventilation of coal mines and an eight-hour day for all kinds of labor.

MINER.—Buxton. Would suggest that the general assembly enact a law requiring corporations owning mining camps where there are a large number of people congregated to provide sidewalks, so that people can walk about on foot without becoming mired. Also to provide against cisterns becoming unsanitary through neglect.

MINER.—Des Moines. To prohibit cases in which the interests of labor is involved from going before judges of the United States supreme court.

MINER.—Exline. Enact a law compelling operators to brush both back and main entries of all mines. Also require all coal operators to weigh coal before it is screened and give miners credit for same.

MINER.—Exline. A weekly payday, and a law prohibiting coal companies from shaving 10 per cent on cash orders and 5 per cent on store orders as is done now.

MINER.—Foster. We need better ventilation in the mines. All mines should be provided with a telephone that extends into the interior workings for the convenience and safety of the miners. The tailrope road in some of the mines is the only means of ingress and egress and this is very narrow. We are often in danger of being run over by cars, injured by ropes, etc. There should be a suitable separate road so that we can get in and out in safety.

MINER.—Hocking. All coal should be weighed before being screened, and miners given credit for same. Mine inspectors should be elected by a vote of the people.

MINER.—Hocking. Compensation from employers in case of serious or fatal accident in and around mines.

MINER.—Hocking. The company stores in connection with coal mines should be outlawed and closed for ever. They are a bad thing. In England where I came from, they have not had a company store for forty years. This country is behind the times in regard to laws governing workingmen.

MINER.—Moingona. Public ownership of all public utilities.

MINER.—Ottumwa. Better ventilation of all coal mines.

MINER.—Valley Junction. I think that a law that would keep the mining companies stores within bounds would be a good thing.

MINER.—Enterprise. Abolish all company stores at coal mines. The man who trades exclusively at those stores and who is willing to pay their exorbitant prices, can get the preference in the mine; thereby causing dissatisfaction and trouble among the miners.

MINER.—Des Moines. Can not something be done to limit the power of the United States supreme court. It looks as though it is useless to enact laws that are a benefit to the working man and common people in general, only to have them declared unconstitutional by the supreme court of the United States.

MINE CHECKWEIGHMAN.—Albia. A law requiring boys to be 16 years old before they can go to work in the mines.

MINE CHECKWEIGHMAN.—Hocking. I believe that the law should require that shotfiring should be done by means of electric batteries. Also that coal should be weighed in pit cars on small scales, instead of being weighed in box cars on railroad scales.

MINE FOREMAN.—Albia. A law requiring that shotfiring shall be done with electric batteries.

MINER.—Exline. A national law that would put a stop to, or at least restrict the use of the injunction as now used against the miners unions in some places. I think also that a state wide prohibition law would work to the moral welfare of working men in general.

MINER.— Fort Dodge. By putting all mines under the State Mining law. Gypsum mines require a much better ventilation than coal mines, as two men with an electric drill will use two kegs of powder and shoot eighty to one hundred tons of rock per shift.

MOTORMAN.—Cedar Rapids. A law for a shorter work day and requiring better brakes on cars. I am compelled to work 11 2-3 hours week days and 10 1-2 hours on Sunday on street car. Lives of passengers as well as street traffic is in danger on account of poor brakes.

MOTORMAN.—Cedar Rapids. Let every corporation pay taxes on their capital stock at the same rate as wage earners.

MOTORMAN.—Cedar Rapids. Shorten the hours of labor in the street car business, and equip the cars with air brakes. Require the company to provide stools for motormen. Ten to twelve hours per day are too long to stand.

MOTORMAN.—Cedar Rapids. Prohibit corporations from importing by contract, Italian and other cheap labor from foreign countries. It has become necessary to have legislation that will prohibit combinations from pushing up the prices of necessaries of life.

MOTORMAN.—Davenport. Abolish the use of the side step or running board on summer cars. Require that air brakes be placed on all cars over 30 feet in length.

PLASTERER.—Mason City. Break up the retail grocers combine and the retail meat dealers the same.

PLUMBER.—Council Bluffs. We need a state law on plumbing, so that plumbing work put in all buildings will be sanitary.

PLUMBER.—Sioux City. We need a state law providing for plumbing inspectors in every town of ten thousand or more people. Said inspectors to be examined by a state board of sanitary engineers and doctors.

PRINTER.—Burlington. Establish an eight-hour work day.

PRINTER.—Cedar Rapids. We don't want any printing done in state institutions.

PRINTER.—Keokuk. A law compelling every mortgage to go on record and requiring the holder of the mortgage to pay tax on it, instead of the mortgagee. Then the laboring man could buy a home and only pay tax on what he had really paid for.

PRINTER.—Muscatine. A law requiring better sanitation and ventilation in work shops.

SHEET METAL WORKER.—Des Moines. Enact laws that would protect and safeguard the rights of workingmen.

SHEET METAL WORKER.—Des Moines. Compel banks to guarantee deposits, subject to check without notice.

STEAMFITTER.—Sioux City. A law that requires all plumbing to be under state inspection.

TEAMSTER.—Dubuque. We need better highways.

TELEGRAPHER.—Alta. We should have a straight eight or nine-hour law for all operators whether offices are kept open day or night. License all operators.

TELEGRAPHER.—Aurelia. We need an eight-hour law and prohibit the employment of telegraphers under 21 years of age.

TELEGRAPHER.—Blairsburg. Shorter hours without reduction in wages.

TELEGRAPHER.—Charles City. A law requiring telegraphers to pass a state examination. Less Sunday work.

TELEGRAPHER.—George. Nine-hour law for all telegraphers.

TELEGRAPHER.—Hinton. A shorter work day for agents and operators, where station is run by one man only. The fact is that a station agent has more numerous duties and responsibilities than in any other position at a like salary. Station agents at one man stations have the following duties: He is agent for the railroad company, agent for the express company, manager for telegraph company, telegraph operator for the railroad, and carries U. S. mail to and from postoffices. The latter should be cut off, and placed on rural carriers or other government employes.

TELEGRAPHER.—Judd. An eight-hour law for all telegraph operators.

TELEGRAPHER.—Le Mars. A law requiring every telegraph or telephone operator to pass a state examination before being admitted to handle the movement of trains.

TELEGRAPHER.—Newell. Require that all telegraph operators shall be examined by the state.

TELEGRAPHER.—New Hartford. No use of recommending or making more laws, unless action is taken to make the people live up to the existing laws. I refer you especially to the national nine-hour law, in particular, which so far is simply a big joke.

TELEGRAPHER.—Oto. To stop railroads from running only such trains on Sunday as is absolutely necessary, and give us one day in the week rest.

TELEGRAPHER.—Peosta. I would advise that there be an eight-hour work day law passed for operators of both telegraph and telephone, also block operators in the state of Iowa similar to the ones passed in Wisconsin and Missouri. Also a law to prohibit railroads from employing operators under 21 years of age. There are quite a number of operators on this division at the present time that are under the age of 18 years. There should also be a law requiring every operator to pass an examination before a state board the same as drug clerks are obliged to do. These facts are very important and should be well considered. My idea is to bring more intelligent men into the service thus insuring greater safety in the handling of trains and reducing the number of accidents caused by incompetent men.

TELEGRAPHER.—Rockwell. Passing of a straight nine-hour law for telegraphers with permission to use the split trick. Two hours of duty in the middle of the night is worth nothing. Make it continuous hours.

TELEGRAPHER.—Sherwood. The nine-hour law is being evaded. At small stations like this they give me ten and one-half regular hours with an allowance of two and one-half hours during the night if needed. They make no pretence of shortening actual hours of service, but simply aim to keep us from doing train order work a long enough time to comply with the law, so that I am actually doing train order work after being on continuous duty ten or more hours.

TELEGRAPHER.—Winthrop. License all telegraph operators and do not allow operators under 21 years of age to assist in handling trains. You can promote the safety of the traveling public by investigation as to the number of young boy operators who are incompetent to handle trains or old enough to understand their responsibilities.

TRAINMAN.—Belle Plaine. We trainmen desire an eight-hour law that will divide the 24 hour day into three shifts of eight hours each. Eight hours is long enough to work at this strenuous and dangerous business.

TRAINMAN.—Belle Plaine. The eight-hour day will be a great help to us.

TRAINMAN.—Council Bluffs. Legislation that would control the trusts and combines that deal in and boost the prices on the necessaries of life.

TRAINMAN.—Waterloo. A reduction to eight hour per day would help us men in yard service.

TRAINMAN.—Waterloo. A reduction to eight hours would greatly benefit men in our business.

MISCELLANEOUS. TIME KEEPER.—Cedar Rapids. An eight-hour day for all persons doing clerical work.

MISCELLANEOUS, LUMBER SALESMAN.—Centerville. I work 11 and one-half hours per day. We need shorter hours so we could have some time to call our own.

MISCELLANEOUS, STEAMFITTER.—Valley Junction. We need government ownership of railroads.

WAGE EARNERS IN IOWA.

REMARKS FROM WAGE EARNERS ON GENERAL SUBJECTS AND SUGGESTIONS AS TO HOW THE BUREAU OF LABOR STATISTICS CAN BEST PROMOTE THE INTERESTS OF THE WAGE EARNERS AND THE PEOPLE OF THE STATE.

BAKER.—Waverly. Conditions in the bakeries of the state should be thoroughly investigated.

BARBERS.—Des Moines. You could help us by insisting on Board of Health investigating all barber shops.

BARBER.—Des Moines. We have tried to stop the opening of barber shops on Sunday, but have failed owing to inability to convict before a justice of the peace; make the violation of the Sunday closing act a felony, then we could start suit in district court.

BLACKSMITH.—Ottumwa. The drinking water furnished to us is unfit to use; the water is carried in a pail by a boy; we all drink out of the same cup, some use tobacco and some do not, and there is an utter disregard of cleanliness. Can there not be some means devised toward requiring employers to furnish clean drinking water?

BOILERMAKER.—Boone. Is it not possible to so regulate things that workingmen can have a clean and decent place to wash in.

BOILERMAKER.—Waterloo. By seeing that the Child Labor laws are enforced, and that all work shops and factories are kept in safe and sanitary condition.

BRAKEMAN.—Ottumwa. You can help us very much by compiling a record of the violations of the laws of the state. Our laws are being violated and ignored by large corporations.

BRAKEMAN.—Ottumwa. Investigate and keep a record of the breaking of the safety appliance laws, same to be published.

BRICKLAYER.—Cedar Rapids. Co-operate with us in trying to get good judges on the bench.

CAR INSPECTOR.—Missouri Valley. There should be a more rigid enforcement of the Safety Appliance law, this requirement is badly neglected in many cases.

CAR INSPECTOR.—Waterloo. If the Sunday law was more strictly adhered to and the law against usury was enforced, conditions would be better for us laboring men.

CARPENTER.—Des Moines. By making a comparative statement, showing increase in cost of living, as against the slight increase in wages.

CABINET MAKER.—Des Moines. The large property owners should be required to pay their just share of the taxes. A poor man who owns the small home in which he lives, and possibly a cow, is taxed for all he is worth, while the man who owns a large share of the real estate of the town, also stocks and bonds, escapes with only a small proportion of the taxes justly chargeable to him.

CARPENTER.—Mystic. You can help us by using your influence with congress toward limiting the power of the United States supreme court, and let congress enact the laws.

CARPENTER.—Keokuk. I believe the state should build homes for certain classes of labor and collect rent from them while working, and when out of work should be permitted to live in the homes until work resumed again. I intend this as a rebuke at the extortion practiced by many landlords.

CAR REPAIRER.—Missouri Valley. If a Chinese wall could be built around the so-called Commercial Clubs so as to protect the laboring class from their greed, it would prevent much poverty and suffering.

CARPENTER.—Waterloo. Is it not possible to break the food stuffs combines so that all we earn does not have to be spent for a bare living.

CIGARMAKER.—Council Bluffs. By looking after the factories that employ children and girls.

CIGARMAKER.—Council Bluffs. Enforce the Child Labor law, and prevent women from doing men's work.

CIGARMAKER.—Davenport. Conditions would be better in our business, if married women whose husbands are not invalids, were prohibited from working in the factories.

CIGARMAKER.—Ft. Madison. Investigate whether or not the injunction club is being used both ways or only applied to labor.

CIGARMAKER.—Sioux City. You can help us by strictly enforcing laws relative to the employment of females and children.

CLERK.—Cedar Rapids. Use your best endeavor toward placing men in public office who are fairminded and honest, and who are good American citizens.

CLERK.—Freight Office. I wish to call especial attention to the filthy material which is billed to Des Moines along with foods, etc.; this stuff is received by rendering houses and is very offensive and dangerous. It should be prohibited by law. I would also like to see the Child Labor law enforced to the letter and refer you to some of the laundries and department stores in Des Moines. See the little girls found there and the kind of men who are placed over them.

CHECK CLERK.—Des Moines. You can best aid us by using every effort toward securing an eight-hour day in all branches of service.

CLERK.—Cedar Rapids. Please use your best endeavor toward stopping foreign immigration.

CLERK.—Cedar Rapids. By investigating and giving comparative statement of wages paid and living expenses.

ELECTRICIAN.—Keokuk. Investigate dangerous manufacturing establishments and plants; compel them to operate as prescribed by law. You will often find power stations equipped with a cement floor, making it very dangerous around the dynamos and switchboard.

ELECTRICIAN.—Sioux City. By making an investigation as to the distance between wires of high and low potential where crossings are made.

FREIGHT ENGINEER.—Ft. Madison. By working in co-operation with the state legislative boards of the labor organizations.

ENGINEER.—Ottumwa. By closely inspecting all boilers and safety appliances.

ENGINEER.—Sanborn. Look into the manner of inspection of cars and engines at division terminals.

ENGINEER.—Sioux City. Investigate and publish facts as to what the men actually earn; what is paid to company officials, and what the road actually makes on capital invested.

ENGINEER, (STATIONARY).—Beacon. We would like the privilege of negotiating agreements with the operators independently of the miners' union. We believe that we could secure better terms in that way.

ENGINEER, (STATIONARY).—Keokuk. By investigation of all places where labor is employed, and publishing exact conditions.

ENGINEER, (STATIONARY).—Yoder. By enforcing the state labor laws.

GLASS WORKER.—Davenport. By insisting on having an annual report from each local of the labor organizations in the state.

HARNESSMAKER.—Davenport. The Child Labor law should be more rigidly enforced.

LABORER.—Cedar Rapids. By investigating the cost of living, the combinations of grocers and dealers in provisions.

LABORER.—Moingona. By better inspection of mines; local slaughter houses and investigation of labor organizations.

LINOTYPE OPERATOR.—Sioux City. By keeping the people informed upon industrial conditions as they exist in Iowa. All personal property in the home should be exempt from taxation. A piano in the home of a working man is just as sacred an institution for the upbuilding of humanity as in a church and should be so regarded in our law and taxation.

MACHINIST.—Eldon. By investigating and supporting La Follette's sterling Employers Liability bill, also the Clapp Free Pass amendment.

MACHINIST.—Oelwein. By seeing that the workers are not injunctioned off the earth.

MACHINIST.—Ottumwa. We ought to have a good factory inspector in each congressional district of the state, especially where there are many factories and railroad shops. There ought to be an inspector in each railroad shop whose business is to look over each engine for conditions of safety. I believe that many wrecks are caused through bad conditions of engines. There are many work shops in Ottumwa of various kinds, and some are in bad shape. I believe that the Labor Bureau should have more inspectors so that this work could be better taken care of.

MACHINIST.—Ottumwa. The works where I am employed is in an unhealthy condition on account of smoke in the shop. This could be very easily remedied, but the company will not do it. I believe that the factory inspection law does not bear directly on this subject, at least it

should be more specific on this point so that inspectors could remedy such conditions as I speak of when they visit us.

MACHINIST.—Waterloo. By investigating the wages and working conditions in progressive countries, especially New Zealand, and publishing comparative statements of conditions as found in this country.

MINER.—Ankeny. Come out and get in contact with the laboring man himself, find him as he is at home and under his working conditions, then you can publish the facts as they really exist, and the public may know what we have to contend with.

MINER.—Avery. Very little can be done for the wage earner under the present system, for if wages increase then the cost of living increases more in proportion. In our so-called courts of equity, it seems that an employe against the corporation he works for stands a poor chance of getting justice. Can anything be done so that the courts of equity may become such in reality and not in name only.

MINER.—Buxton. Can you do anything for us in the way of legislation, which would benefit our condition as to drinking water and general sanitation in the mining towns. Water is hauled in here in cars and put in cisterns that are never cleaned out. Animals that die or are killed are left lying about the town, this should be prohibited by law.

MINER.—Cricket. It would do you good to come out and visit the mines and see us as we really are.

MINER.—Exline. The state should take charge of the mines and operate them for use and not for profit. Would it not be best to have labor employed by the people and not by capital.

MINER.—Exline. By close investigation of the causes of shutdowns, suspensions and strikes.

MINER.—Ottumwa. I would like to have shorter hours of labor, the work would then be more equally divided. Now we often work steady for six months and then are almost without work for the next six months. I would like to see the mine inspectors have more authority.

PLASTERER.—Mason City. By helping us break up the retail grocers and meat dealers combine.

PRINTER.—Keokuk. By investigation along the line of tuberculosis and the general health of people employed in workshops.

PRINTER.—Muscatine. By upholding the trade unions, and encouraging such organizations.

PRINTER.—Sioux City. By inquiry as to the number of hours labor required of each individual worker, and trying to bring them all under eight hours.

SWITCHMAN.—Belle Plaine. By investigating the merchant combines and others controlling the food supplies. The price of provisions are not on a level with our wages.

SWITCHMAN.—Council Bluffs. By showing the general public the general violations of the laws by the railroads.

SWITCHMAN.—Council Bluffs. By getting out and seeing the hardships we go through.

TEAMSTER.—Dubuque. By watching the factories in regard to child labor.

TELEGRAPHER.—Archer. By making inquiry as to why railroads are closing up so many stations, and throwing so many men out of employment. The railroads claim they are losing money, this is not a fact as on this division there is a large increase in revenue over a year ago. Ticket sales have not fallen off but have increased. Section men's wages have been reduced from one dollar and a half to one dollar and thirty-five. Men are being let out in other departments also, and the work is thus being doubled upon the men who are left. This makes greater risk of accidents on the road.

TELEGRAPHER.—Aurelia. Investigate conditions of service at stations where railway companies are now violating the nine-hour law by evasion.

TELEGRAPHER.—Charles City. By making actual personal investigation with the wage earners in the different lines of work.

TELEGRAPHER.—Denison. By helping us to compel railway companies to live up to laws already passed for benefit of employes.

TELEGRAPHER.—Grable. By investigation in regard to new federal law, and restrict one man stations to the legal limit. I have to be on duty thirteen hours.

TELEGRAPHER.—Judd. By careful investigation and study of the present conditions surrounding the work of telegraphers. The telegraph operator is too much in subjection to the railroad company. We should have a free Sunday and better working conditions.

TELEGRAPHER.—Larabee. Get in close touch with secretaries, and make personal visits to both large and small labor centers.

TELEGRAPHER.—Le Mars. All railroad telegraphers should pass an examination before a competent state board which should be composed of at least five experienced train dispatchers. All telegraphers should have a certificate from such state board, the same as engineers and pilots on steamboats. There are too many inexperienced telegraphers handling train orders in which the safety of the public is involved.

TELEGRAPHER.—Archer. By protecting and upholding the Order of Railway Telegraphers.

TELEGRAPHER.—Peosta. By sending a responsible party over the lines, and noting conditions as they really are. Then make the same public.

TELEGRAPHER.—Rockwell. By meeting and talking with telegraphers of all railroads. Endeavor to keep the federal law enforced as passed. If any amendment is made, cut out the split trick. Two hours off duty in the middle of the night, is worth nothing. Make it continuous.

TELEGRAPHER.—Sulphur Springs. I am a telegraph operator and this is a good paying station, but they closed this as a telegraph office. The residents here are going to petition the board of railway commissioners to have it opened again. If you can do anything in this respect call the board's attention to it for me. If we are unable to make them open it I shall have to move. The company are not short of operators as they have men to spare.

TELEGRAPHER.—Winthrop. You can help us and promote the safety of the traveling public, by investigation as to the number of young boy telegraphers working who are not competent to handle trains, or old enough to understand their responsibilities.

TINSMITH.—Ottumwa. You can help us best by excluding all children from shops and factories.

WOMEN WAGE EARNERS.

STENOGRAPHER.—Oskaloosa. By methods you are now following, providing that each individual gives as nearly a correct statement as his or her knowledge will permit.

BOOKKEEPER AND CASHIER.—Cedar Rapids. We have three schools in this city turning out bookkeepers and stenographers all the time so it is very hard to get good wages. Pay ranges from $4.00 to $10.00 per week, but very few get more than five dollars. I have clerked for several years in dry goods stores and they pay very poor wages, generally from three dollars to seven dollars; if the girls who are bookkeepers, stenographers, clerks, etc., did not have their homes here in Cedar Rapids they would have to find employment with better wages.

SALESWOMAN IN DRY GOODS STORE.—Cedar Rapids. In our city and in my line of work I find there are too many ready to work for little or nothing, so it is almost impossible for one to get wages with which we can pay board, clothe ourselves and save a little.

CLERK IN JEWELRY STORE.—Cedar Rapids. I have not saved or invested anything during 1907, unless charity and religious work can be considered permanent investment.

SKIRTMAKER.—Cedar Rapids. It would benefit garment makers if better prices could be secured for the goods we make. Salemen are receiving very low prices this year.

SEAMSTRESS.—Cedar Rapids. We all three work and keep a boy in school, mother sister and myself. In my place of work we have so much slack time it is impossible to give a very good estimate of my income, as is varies all the way from two dollars to nine dollars per week. It is not very often I get nine dollars.

RAILROAD EMPLOYES OF IOWA.

This chapter is devoted to the interests of men engaged in railway train service, showing in the various tables and summaries, conditions under which they are employed, compensation, cost of living, savings, the operation of the sixteen-hour law, and many other things that enter into the lives of men who are engaged in transportation service on the railways of the state.

In the closing section of the chapter, remarks and expressions of opinion from men in various branches of the service are given, concerning desired legislation, the enforcement of existing laws and other matters that would count for the protection and well being of men in their occupation.

Table No. 1 gives the number of miles run per month, the length of divisions, hours on duty per trip, longest time on duty during 1907, are old employes pensioned when retired? answered by yes or no, the age limit at which men can enter service, are double headers operated on your road? answered by yes or no, maximum tonnage hauled in any one train, rate of pay received for overtime, average monthly earnings for 1907, increase in rate of pay for 1907, and the total earnings for the year.

Table No. 2 gives information on the following questions: The number of persons depending on each man for support, cost of living, increase in cost of living for past two years, do you own a home? if so, what is its value? savings for 1907, has operation of sixteen-hour law improved conditions of service, increased or decreased your monthly earnings, or shortened your hours per trip? how much life, accident, or fire insurance do you carry? are engines equipped with frost glasses on front of cab windows, and are engines run backwards without headlights on tenders?

Table No. 3 gives a list of persons killed and injured on the 28 different railroads of the state during the years 1906-1907.

Table No. 4 gives a summary and comparative statement of fatal and non-fatal accidents happening on the railroads of the state from the years 1878 to 1907, inclusive.

CONDUCTORS.

The average number of miles run per month during 1907, as shown by reports from seventeen conductors on three different railway systems, was 3,397. The average length of divisions was 143.5 miles.

The average number of hours on duty per trip was ten hours forty minutes. The longest time reported on duty without rest during the year 1907 was forty-six hours, and the average longest time on duty without rest was eighteen hours twenty minutes.

The highest age limit reported at which a conductor can enter service is forty years. All seventeen conductors report that double-headers are run on the roads on which they are employed.

The greatest tonnage hauled in any one train was 2,600 tons, and the average maximum tonnage is 1,585.

The average monthly earnings of conductors reporting for the year 1907 was $116.77.

The average increase in wages for period of 1906-1907 was ten per cent.

The average earnings for the year 1907 was $1,348.38.

Ten conductors reporting show average cost of living for each family to be $1,065.65, and the increase in cost of living in past two years 13.5 per cent.

The average value of homes owned by ten conductors reporting is $1,985.00.

Of the seventeen conductors reporting, five only report savings, to the amount of $1,211.40, an average of $242.28 for each man reporting savings, or an average of $75.71 for each of the total number reporting.

To the question, "Has the sixteen-hour law improved conditions of service?" seven answer yes, nine answer no. To the question, "Has the sixteen-hour law increased or decreased your monthly earnings?" two answer increased, nine decreased, two report no change.

To the question, "Has the sixteen-hour law decreased your hours per trip?" six answer yes, nine answer no.

To the question, "When engines are run backwards, do they have headlights on the tender?" thirteen answer yes, three answer no.

ENGINEERS.

The average number of miles run per month during 1907, by thirty-five engineers on ten different railway systems was 2,978. The average length of divisions reported was 122 miles. The average number of hours on duty per trip was ten hours fifty minutes.

The longest time reported on duty without rest was twenty-five hours, and the average longest time on duty was sixteen hours thirty-five minutes.

The highest age limit at which an engineer could enter service was fifty years.

Thirty-eight engineers report that double-headers are run on the roads on which they are employed.

The greatest tonnage hauled in any one train was 3,500 tons, and the average maximum tonnage was 1,692.

The average monthly earnings for 1907 was $125.90. The average increase in wages reported for period of 1906-1907 was 7.79 per cent.

The average earnings for the year 1907 was $1,475.75.

Of the thirty-eight engineers reporting, twenty-nine report the cost of living, to the amount of $26,721.00, or an average of $921.00 for each family, and the average increase in cost of living in past two years 16.56 per cent.

The average value of homes owned by twenty-six engineers reporting is $2,958.

Of the thirty-eight engineers reporting, twenty-two only reported savings, to the amount of $9,768.00, an average of $444.00 for each man reporting savings, or an average of $257.00 for each of the total number reporting.

To the question, "Has the sixteen-hour law improved conditions of service?" twenty-three answer yes, three answer no.

To the question, "Has the sixteen-hour law increased or decreased earnings?" three report an increase, seven report a decrease, twenty-four report no change.

To the question, "Has the sixteen-hour law decreased hours per trip?" fifteen answer yes, seventeen answer no.

To the question, "Are engines equipped with frost glasses on front cab windows?" eight answer yes, thirty answer no.

To the question, "When engines are run backwards, do they have headlights on tenders?" thirty answer yes, eight answer no.

FIREMEN.

The average number of miles run per month during 1907, by nine firemen on five different lines of railway was 3,098.

The average length of divisions reported was 130 miles. The average number of hours on duty per trip was nine hours thirty-five minutes.

The longest time on duty without rest was twenty-four hours, and the average longest time on duty was seventeen hours thirty minutes.

The highest age limit at which a fireman can enter service was 45 years.

All of the nine firemen report that double headers are run on the roads on which they are employed.

The greatest tonnage hauled in any one train was 2,600 tons, and the average maximum tonnage was 1,544.

The average monthly earnings for 1907 was $844.74. The average increase in wages reported for period of 1906-1907 was 6.14 per cent.

The average earnings for the year 1907 was $1,002.93.

Of the nine firemen reporting, seven report the cost of living, to the amount of $3,576.75, or an average of $510.97 for each family, and the average increase in cost of living in past two years 17 per cent.

Of the nine firemen reporting, six report savings to the amount of $1,328.34, an average of $221.39 for each man reporting savings, or an average of $147.59 for each of the total number reporting.

To the question, "Has the sixteen-hour law improved conditions of service?" six answer yes, three answer no.

To the question, "Has the sixteen-hour law increased or decreased earnings?" two report decreased, five report no change.

To the question, "Has the sixteen-hour law decreased hours per trip?" three answer yes, five answer no.

To the question, "Are engines equipped with frost glasses on front cab windows?" two answer yes, seven answer no.

To the question, "When engines are run backwards, do they have headlights on tenders?" six answer yes, three answer no.

TRAINMEN.

The average number of miles run per month by ten trainmen on three different railroads was 3,370.

The average length of divisions reported was 126 miles. The average number of hours on duty per trip was ten hours twelve minutes.

The longest time on duty without rest was twenty-two hours, and the average longest time on duty without rest was seventeen hours twelve minutes.

The highest age limit at which a trainman can enter service is thirty-five years.

All of the ten trainmen report that double-headers are run on the roads on which they are employed.

The greatest tonnage hauled in any one train was 2,600 tons and the average maximum tonnage was 2,022.

The average monthly earnings for 1907 was $71.67. The average increase in wages reported for period of 1906-1907 was 10 per cent.

The average earnings for the year 1907 was $848.60.

Of the ten trainmen reporting, six only report the cost of living to the amount of $6,280.65, or an average of $695.85 for each family, and the average increase in cost of living in past two years 17 per cent.

The average value of homes owned by five trainmen was $1,570.00.

Of the ten trainmen reporting, six only report savings to the amount of $1,435.00, an average of $239.00 for each man reporting savings, or an average of $143.50 for each of the total number reporting.

To the question, "Has the sixteen-hour law improved conditions of service?" seven answer yes, three answer no.

To the question, "Has the sixteen-hour law increased or decreased your monthly earnings?" two report increased, one decreased, six report no change.

To the question, "Has the sixteen-hour law reduced the number of hours per trip?" six answer yes, four answer no.

To the question, "When engines are run backwards, do they have headlights on tenders?" six answer yes, four answer no.

RAILROAD EMPLOYES OF

CONDUCTORS.

Marginal Number	Employed by	Average miles run per month	Length of division in miles	Freight or passenger service	Average hours on dnty per trip	Longest time on duty during past year	Are old employ's pensioned when retired
1	Chicago, Milwaukee & St. Paul	3,400	173	Fr.	11	16½	No
2	Chicago, Milwaukee & St. Paul	3,000	104	Fr.	10½-11	15	No
3	Chicago & North-Western	4,721	88	Pass.	8½	13	Yes
4	Chicago & North-Western	3,000	145	Fr.	10	46	Yes
5	†Chicago & North-Western	4,700	145	Pass.	11 2-3	13	Yes
6	Chicago & North-Western	4,900	145	Pass.	10	22	Yes
7	Chicago & North-Western	3,638	197	Fr.	*n*	16	Yes
8	Chicago & North-Western	3,188	145	Fr.	10	17	Yes
9	Chicago & North-Western	2,900	108	Fr.	14	17	Yes
10	Chicago & North-Western	5,000	242	Pass.	9	14	Yes
11	Chicago & North-Western	3,000	161	Fr.	12	16	Yes
12	Chicago, Rock Island & Pacific	3,500	96 & 207	Fr.	12	16	No
13	Chicago, Rock Island & Pacific	1,800	120	Fr.	10	16	No
14	Chicago, Rock Island & Pacific	3,000	120	Fr.	12	23	No
15	Chicago, Rock Island & Pacific	2,600	110	Fr.	12	16	No
16	Chicago, Rock Island & Pacific	2,400	100	Fr.	10	15½	No
17	Chicago, Rock Island & Pacific	3,000	120	Fr.	9	16	No

†Only worked part of year on account of sickness.

ENGINEERS.

18	Atchison, Topeka & Santa Fe	4,700	120	Pass.	6 1-3	12	Yes
19	Atchison, Topeka & Santa Fe	3,000	105	Fr.	9	16	Yes
20	Chicago, Burlington & Quincy	2,760	114	Fr.	12	18	No
21	Chicago, Burlington & Quincy	3,000	114	Fr.	9	13½	No
22	Chicago, Burlington & Quincy	2,800	114	Fr.	10	16	No
23	Chicago, Burlington & Quincy	3,000	*n*	*a*	11	*n*	No
24	Chicago, Great Western	2,800	110	Fr.	12	18½	No
25	Chicago Great Western	*n*	*n*	*a*	10-12	16	No
26	Chicago Great Western	4,000	142	Pass.	4½	6	No
27	Chicago, Milwaukee & St. Paul	2,800	104	Fr.	7	14	No
28	Chicago, Milwaukee & St. Paul	2,500	137	Fr.	11	16½	No
29	Chicago, Milwaukee & St. Paul	2,300	131	Fr.	13	17	No
30	Chicago, Milwaukee & St. Paul	3,000	120	Fr.	15	23	No
31	Chicago, Milwaukee & St. Paul	3,600	90	Pass.	7	25	No
32	Chicago, Milwaukee & St. Paul	3,200	89	Fr.	10	17½	No
33	Chicago, Milwaukee & St. Paul	2,800	131	Fr.	14	22	No
34	Chicago & North-Western	2,000	126	Fr.	12	16	Yes
35	Chicago & North-Western	2,900	113	Fr.	7	*n*	Yes
36	Chicago & North-Western	3,200	126	Fr.	9	16	Yes
37	Chicago & North-Western	*n*	120	Fr.	13	15 5-6	Yes
38	Chicago & North-Western	3,500	164	Fr.	12	23	Yes
39	Chicago, Rock Island & Pacific	*n*	122	Fr.	15	18 4-6	No
40	Chicago, Rock Island & Pacific	2,600	101	Fr.	15	18 1-3	No
41	Chicago, Rock Island & Pacific	2,600	120	Fr.	10	15	No
42	Chicago, Rock Island & Pacific	3,000	190	Fr.	12	16	No
43	Chicago, Rock Island & Pacific	2,000	120	Fr.	8	16	No
44	Chicago, Rock Island & Pacific	3,000	*n*	Fr.	12	14	No
45	Chicago, Rock Island & Pacific	3,330	111	Pass.	4½	5	No

(*a*) Yard engineer.
(*n*) Not reported.

IOWA (STEAM)—TABLE NO. 1.

CONDUCTORS.

Pensioned and retired at what age	Employes age limit to begin service	Are double headers operated on the road where employed	Maximum tonnage hauled in any one train	Rate of pay received for over time per hour	Average monthly earnings for the year 1907	Increase in rate of wages for 1907	Total earnings for the year 1907	Marginal Number
n		Yes	1,450	.38	$ 90.00	10%	$ 1,100.00	1
n	*n*	Yes	1,300	.38	*n*	*n*	*n*	2
65	35	Yes	1,300	.38	123.20	12%	1,478.40	3
65	35	Yes	1,125	.38	110.00	10%	1,400.00	4
70	28	Yes		.35	144.40	10%		5
65	35	Yes	1,500	.38	134.30	10%	*n*	6
70	28	Yes	2,300	.38	135.45	10%	1,625.75	7
65	35	Yes	1,585	.38	105.00	10%	*n*	8
70	35	Yes	1,450	.38	122.00	10%	1,440.00	9
70	35	Yes	1,400	.38	140.00	10%	1,680.00	10
70	35	Yes	1,600	.38	100.00	10%	1,200.00	11
	28	Yes	1,300	.38	132.00	10%	1,574.75	12
		Yes	2,200	.38	68.00	10%	820.00	13
		Yes	2,600	.38	110.00	10%	1,310.00	14
	28	Yes	1,150	.38	135.00	10%	1,300.00	15
	40	Yes	700	.40	115.00	10%	1,350.00	16
	35	Yes	2,500	.38	104.00	10%	1,250.00	17

ENGINEERS.

65	35	Yes	*n*	$ .50	$ 170.00	8%	*n*	18
65	45	Yes	2,000	.46	140.00	7½%	1,500.00	19
	n	Yes	2,200	.45	137.00	10%	1,641.00	20
	n	Yes	1,600	.46	150.00	10%	1,800.00	21
	34	Yes	3,500	.50	140.00	8½%	1,600.00	22
	n	Yes	*n*	.35	97.00	4%	1,171.27	23
		Yes	1,600	.40	130.00	9%	1,561.90	24
	n	Yes	*n*	.39	105.00		1,165.00	25
	45	Yes	1,800	.39	160.00	3%	1,700.00	26
	50	Yes	1,000	.42	118.00	10%	*n*	27
	n	Yes	1,400	.48	125.00		1,493.38	28
	n	Yes	1,700	.46	125.00	15%	1,511.48	29
	25	Yes	1,700	.45	130.00	20%	1,500.00	30
	n	Yes	950	.46	*n*		1,200.00	31
	40	Yes	1,200	.40	120.00	9%	1,440.00	32
	n	Yes	*n*	.46	*n*	10%	*n*	33
70	45	Yes	1,065	.38	90.00	15%	*n*	34
70	45	Yes	2,100	.38	133.40	10%	1,601.00	35
65-70	35	Yes	2,300	.38	152.50	3½%	1,822.00	36
70	35	Yes	2,000	.38	*n*	9½%	*n*	37
69	35	Yes	1,800	.38	140.00	3½%	*n*	38
	45	Yes	1,600	.44	60.00	3%	900.00	39
	45	Yes	*n*	.48	165.87	*n*	1,990.00	40
	45	Yes	2,700	.48	120.00		1,450.00	41
		Yes	2,000	.48	140.00	10%	1,500.00	42
		Yes	2,000	.48	81.60	10%	909.20	43
	35	Yes	900	.42	85.00	*n*	1,020.00	44
	n	Yes	2,000	.40	133.00	10%	1,596.00	45

(*n*) Not reported.

RAILROAD EMPLOYES OF IOWA

ENGINEERS—Continued

Marginal Number	Employed by	Average miles run per month	Length of division in miles	Freight or passenger service	Average hours on duty per trip	Longest time on duty during past year	Are old employ's pensio'ed when retired
46	Chicago, Rock Island & Pacific	3,000	131	Fr.	14	16	No
47	Chicago, Rock Island & Pacific	2,300	75	Fr.	11	16½	No
48	Chicago, Rock Island & Pacific	3,300	111	Pass.	4½	10	No
49	C., St. Paul, Minneapolis & Omaha	3,200	146	Fr.	11	16	Yes
50	C., St. Paul, Minneapolis & Omaha	3,700	148	Pass.	5½	*n*	Yes
51	C., St. Paul, Minneapolis & Omaha	2,600	146	Fr.	12	16	Yes
52	C., St. Paul, Minneapolis & Omaha	2,368	123	Fr.	13	20 1-6	Yes
53	Illinois Central	3,780	135	Pass.	4½	4½	Yes
54	Illinois Central (*b*)	*n*	2	Pass.	11	24	Yes
55	Minneapolis & St. Louis	2,600	86	Fr.	10	17¾	No

(*b*) Passenger pilot.

FIREMEN.

56	Chicago, Burlington & Quincy	3,000	116	Fr.	10	17½	No
57	Chicago, Burlington & Quincy	3,000	114	Fr.	9	12	No
58	Chicago, Milwaukee & St. Paul	3,800	90	Pass.	3	*n*	No
59	Chicago, Milwaukee & St. Paul	2,600	138	Fr.	10 2-3	18⅔	No
60	Chicago, Milwaukee & St. Paul	2,000	131	Fr.	14	24	No
61	Chicago & North-Western	3,079	146	Fr.	*n*	16½	Yes
62	Chicago & North-Western	2,902	122	Fr.	12	20½	Yes
63	Illinois Central	3,000	162	Fr.	14	18	Yes
64	Illinois Central	4,500	151	Pass.	6	13 2-3	Yes

TRAINMEN.

65	Chicago, Milwaukee & St. Paul	3,200	90	Fr.	10	22	No
66	Chicago, Milwaukee & St. Paul	2,750	104	Fr.	9	19	No
67	Chicago & North-Western	3,300	126	Fr.	11	18	Yes
68	Chicago & North-Western	4,800	121	Pass.	10	15	Yes
69	Chicago & North-Western	2,850	197	Fr.	15	18	Yes
70	Chicago & North-Western	2,800	108	Fr.	11	16	Yes
71	Chicago & North-Western	5,300	150	Pass.	7	13	Yes
72	Chicago, Rock Island & Pacific	3,000	120	Fr.	10	18 2-3	No
73	Chicago, Rock Island & Pacific	2,900	120	Fr.	9	16	No
74	Chicago, Rock Island & Pacific	2,800	120	Fr.	10	16	No

SWITCHING.

75	Chicago, Burlington & Quincy				10	24	No
76	Chicago Great Western				*n*	16	No
77	Chicago Great Western				10½	16	No
78	Chicago & North-Western				*n*	13	Yes
79	Chicago & North-Western				*n*	14	Yes
80	Chicago & North-Western				*n*	14	Yes
81	Illinois Central				12	12	No
82	Illinois Central				10	12	Yes
83	Iowa Central				*n*	*n*	No
84	Union Pacific				10	*n*	*n*

(*n*) Not reported.

(STEAM)—TABLE No. 1—(CONTINUED).

ENGINEERS—Continued

Pension'd and retired at what age	Employes age limit to begin service	Are double headers operated on the road where employed	Maximum tonnage hauled in any one train	Rate of pay received for over time per hour	Aver'ge monthly earnings for the year 1907	Increase in rate of wages for 1907	To-al earnings for the year 1907	Marginal Number
	n	Yes	1,600	.42	150.00	5%	1,832.00	46
	45	Yes	1,400	.42	110.00	9%	1,320.00	47
	n	Yes	1,500	.40	117.76	9%	1,413.21	48
70	35	Yes	1,750	.40	140.00	10%	1,680.00	49
70	35	Yes	*n*	.40	152.44	5%	1,829.35	50
70	50	Yes	1,200	.40	115.00	9%	1,380.00	51
70	50	Yes	1,200	.40	123.20	10%	1,478.62	52
65	45	Yes	*n*	.45	130.00	10%	*n*	53
65	35	Yes	*n*		100.00		1,200.00	54
		Yes	*n*	.46	120.00	10%	1,400.00	55

FIREMEN.

	27	Yes	1,400	$ .30½	$ 90.00	10%	$ 1,000.00	56
	25	Yes	1,600	.33	100.00	10%	1,200.00	57
	25	Yes	550	.28	102.41	7%	1,228.95	58
	25	Yes	1,500	.28	75.00		1,200.00	59
	24	Yes	1,700	.28	50.00	7%	500.00	60
75	30	Yes	2,000	*n*	79.28	*n*	951.39	61
60	24	Yes	1,000	.28	78.59	9%	943.09	62
60	26	Yes	1,550	*n*	85.00	*n*	*n*	63
70	45	Yes	2,000	.25	100.00		1,000.00	64

TRAINMEN.

	35	Yes	1,300	$ .25 1-3	$ 80.00	10%	$ 875.00	65
	n	Yes	1,600	.25 1-3	60.00	10%	720.00	66
70	27	Yes	1,450	.25 3-10	75.00		922.00	67
60	25	Yes	*n*	.25 3-10	62.50	10%	750.00	68
65	28	Yes	2,300	.25 3-10	78.20	10%	938.40	69
60	25	Yes	1,450	.25 3-10	70.00	10%	840.00	70
70	27	Yes	2,600	.33	70.00	11%	912.00	71
	35	Yes	2,500	.25	75.00	10%	*n*	72
	n	Yes	2,500	.25 1-6	70.00	10%	840.00	73
	n	Yes	2,500	.25 1-6	70.00	10%	840.00	74

SWITCHING.

	35	Yes	*n*	$ .30	$ 90.00	4%	$ 1,080.00	75
		Yes	1,500	.30	100.00	4%	1,100.00	76
	45	Yes	900	.30	70.00	8%	1,000.00	77
70	35	Yes	1,460	.37	128.00	4%	1,282.40	78
70	35	Yes	*n*	.37	60.00	4%	720.00	79
	36	Yes	*n*	.37	100.00		1,200.00	80
	n	Yes	1,500	.31	80.00	5%	960.00	81
n	*n*	Yes	1,500	.31	90.00	5%	1,800.00	82
	35	*n*	*n*	*n*	60.00	*n*	820.00	83
	n	*n*	*n*	*n*	133.20	8%	1,598.40	84

(*n*) Not reported.

RAILROAD EMPLOYES OF

CONDUCTORS.

Marginal Number	Employed by—	How many dependent on you for support	Cost of living for yourself and family	Increase or decrease in cost of living in last two years	Do you own a home	Wh't is its value	Total savings, permanent inv't-ment for 1907
1	Chicago, Milwaukee & St. Paul	3	*n*	15% incr	No		
2	Chicago, Milwaukee & St. Paul	3	*n*	incr	No		
3	Chicago & North-Western	5	$ 1,212.00	10% incr	Yes	$4,500	$ 233.40
4	Chicago & North-Western	4	1,295.50	40% incr	Yes	2,300	
5	Chicago & North-Western	5	*n*	5% incr	Yes	3,500	
6	Chicago & North-Western	5	*n*	15% incr	Yes	2,000	
7	Chicago & North-Western	4	*n*	incr	No		
8	Chicago & North-Western	3	611.00	15% incr	No		
9	Chicago & North-Western	7	1,253.00	15% incr	Yes	1,000	180.00
10	Chicago & North-Western	5	900.00	10% incr	Yes	1,200	300.00
11	Chicago, Rock Island & Pacific	8	1,570.00	5% incr	No		
12	Chicago, Rock Island & Pacific	1	480.00	6% incr	No		
13	Chicago, Rock Island & Pacific	3	1,200.00	5% incr	Yes	2,000	110.00
14	Chicago, Rock Island & Pacific	4	1,200.00	incr	Yes	850	
15	Chicago, Rock Island & Pacific	4	905.00	20% incr	Yes	1,000	395.00
16	Chicago, Rock Island & Pacific	8	*n*	15% incr	Yes	1,500	

ENGINEERS.

17	Atchison, Topeka & Santa Fe	5	*n*	incr	Yes	2,500	
18	Atchison, Topeka & Santa Fe	2	1,000.00	1-3% "	No		300.00
19	Chicago, Burlington & Quincy	1	480.00	10% incr	No		1,000.00
20	Chicago, Burlington & Quincy	7	1,450.00	12% incr	Yes	1,500	350.00
21	Chicago, Burlington & Quincy	6	815.00	10% incr	Yes	2,500	200.00
22	Chicago, Burlington & Quincy	3	1,037.00	33 1-3% "	Yes	2,700	
23	Chicago Great Western	4	*n*	15% incr	Yes	1,800	
24	Chicago Great Western (*c*)	5	*n*	incr	No		
25	Chicago Great Western	4	900.00	5% incr	Yes	3,500	300.00
26	Chicago, Milwaukee & St. Paul	5	550.00	4% incr	Yes	1,600	100.00
27	Chicago, Milwaukee & St. Paul	3	960.00	10% incr	Yes	2,000	300.00
28	Chicago, Milwaukee & St. Paul	3	950.00	10% incr	Yes	1,600	
29	Chicago, Milwaukee & St. Paul	1	160.00	incr	Yes	1,500	1,000.00
30	Chicago, Milwaukee & St. Paul	1	275.00	5% incr	Yes	3,000	300.00
31	Chicago, Milwaukee & St. Paul	4	*n*	15% incr	Yes	4,000	
32	Chicago, Milwaukee & St. Paul	3	*n*	15% incr	No		
33	Chicago & North-Western	3	705.00	33 1-3% "	No		
34	Chicago & North-Western	6	865.00	12% incr	Yes	3,000	250.00
35	Chicago & North-Western	4	1,550.00	15% incr	Yes	3,000	320.00
36	Chicago & North-Western	2	*n*	25% incr	Yes	6,700	
37	Chicago & North-Western	3	*n*	40% incr	Yes	2,500	500.00
38	Chicago, Rock Island & Pacific	3	500.00	5% incr	No		
39	Chicago, Rock Island & Pacific	6	1,000.00	25% incr	Yes	10,000	300.00
40	Chicago, Rock Island & Pacific	1	245.00	5% incr	Yes	1,400	
41	Chicago, Rock Island & Pacific	3	1,260.00	10% incr	No		
42	Chicago, Rock Island & Pacific	5	584.00	10% incr	Yes	2,000	400.00
43	Chicago, Rock Island & Pacific	3	815.00	25% incr	No		200.00
44	Chicago, Rock Island & Pacific	3	1,196.00	30% incr	Yes	5,000	400.00

(*c*) Yard engine.
(*n*) Not reported.

IOWA (STEAM)—TABLE NO. 2

CONDUCTORS.

Has 16 hour law improved conditions of service	Has 16 hour law increasd or decreased your monthly earnings	Has 16 hour law short'ed your hours per trip on the road	How much life insurance do you carry	How much accident insurance do you carry	How much fire insurance do you carry	Are engines equipp'd with frost glasses on front cab windows	When engines are run backward do they have headlights on tenders	Marginal Number
Yes	No change	Yes	$ 2,350.00	$ 1,350.00		No	No	1
Yes	Decreased	*n*	*n*	*n*	$ 4,000.00	No	Yes	2
No	Decreased	No	3,000.00	5,000.00		No	Yes	3
Yes	Decreased	No	4,000.00		290.50	No	Yes	4
No	*n*	No	3,000.00		2,000.00	*n*	Yes	5
No	Decreased	Yes	3,000.00		2,000.00	No	Yes	6
No	Decreased	Yes	3,000.00	2,000.00	500.00	No	Yes	7
No	Decreased	No	5,350.00		750.00	No	Yes	8
No	Decreased	No	5,000.00	1,000.00	1,000.00	No	Yes	9
No	Decreased	Yes	3,000.00	3,000.00		No	Yes	10
Yes	Increased	No	2,000.00		800.00	No	No	11
Yes	No change	Yes	2,000.00	1,200.00	500.00	No	No	12
No	No change	No	3,000.00		1,500.00	No	Yes	13
Yes	No change	No	5,000.00		500.00	No	Yes	14
No	Decreased	No	2,000.00	1,000.00	500.00	No	Yes	15
Yes	Increased	Yes	5,000.00	2,000.00	700.00	No	Yes	16

ENGINEERS.

a			$ 3,000.00	$ 2,000.00	$ 1,500.00	No	Yes	17
b			6,500.00		500.00	Yes	Yes	18
Yes	No change	No	2,250.00			No	Yes	19
Yes	Increased	Yes	4,250.00	2,750.00	2,350.00	No	Yes	20
No	No change	Yes	5,750.00		2,000.00	No	Yes	21
Yes	No change	*n*	3,250.00		1,000.00	No	No	22
No	No change	No	3,500.00		1,400.00	No	Yes	23
No	No change	No	2,000.00		800.00	No	Yes	24
Yes	Decreased	Yes	4,500.00		2,400.00	No	Yes	25
Yes	Decreased	Yes	2,000.00	1,000.00	1,800.00	No	Yes	26
Yes	Decreased	Yes	1,500.00		1,500.00	Yes	No	27
Yes	No change	Yes	4,500.00		1,200.00	No	Yes	28
Yes	Increased	Yes	4,000.00		1,000.00	No	Yes	29
No	Decreased	*n*	2,500.00		2,200.00	No	No	30
Yes	Decreased	No	2,000.00	1,500.00	2,000.00	No	Yes	31
Yes	*n*	Yes	1,500.00		200.00	No	Yes	32
No	No change	No	750.00			No	Yes	33
No	No change	*n*	3,000.00		2,000.00	Yes	Yes	34
Yes	No change	No	3,000.00	2,000.00	1,500.00	No	Yes	35
Yes	No change	Yes	3,500.00		5,300.00	Yes	Yes	36
Yes	No change	No	3,500.00		1,200.00	No	Yes	37
Yes	No change	No	2,000.00	1,500.00		No	Yes	38
Yes	No change	No	2,500.00		700.00	No	Yes	39
Yes	Decreased	Yes	3,000.00	2,000.00	1,800.00	No	Yes	40
Yes	No change	Yes	4,500.00		1,000.00	No	Yes	41
No	Decreased	No	1,500.00		1,000.00	No	No	42
Yes	No change	Yes	5,000.00			No	Yes	43
No	No change	No	3,500.00		3,000.00	No	Yes	44

(*a*) Has not been in force long enough to find out.
(*b*) Cannot say.
(*n*) Not reported.

RAILROAD EMPLOYES OF

ENGINEERS—Continued

Marginal Number	Employed by—	How many dependent on you for support	Cost of living for yourself and family	Increase or decrease in cost of living in last two years	Do you own a home	Wh't is its value	Total savings permanent inv't ment for 1907
45	Chicago, Rock Island & Pacific	2	240.00	20% incr	Yes	1,500	875.00
46	Chicago, Rock Island & Pacific	2	1,180.00	20% incr	No		
47	Chicago, Rock Island & Pacific	3	1,350.00	10% incr	Yes	2,500	500.00
48	C., St. Paul, Minneapolis & Omaha	4	1,080.00	10% incr	Yes	4,500	600.00
49	C., St. Paul, Minneapolis & Omaha	(n)	(n)	(n)	(n)		
50	C., St. Paul, Minneapolis & Omaha	2	1,207.00	10% incr	No		173.00
51	C., St. Paul, Minneapolis & Omaha	4	762.00	incr	Yes	1,800	600.00
52	Illinois Central	3	1,500.00	20% incr	No		
53	Illinois Central	5	(n)	incr	Yes	1,800	
54	Minneapolis & St. Louis	6	1,114.00	10% incr	Yes	3,000	300.00

FIREMEN.

55	Chicago, Burlington & Quincy	2	156.00	10% incr	No		$ 400.00
56	Chicago, Burlington & Quincy	3	820.00	20% incr	No		300.00
57	Chicago, Milwaukee & St. Paul	3	316.00	incr	No		
58	Chicago, Milwaukee & St. Paul	1	240.00	incr	No		
59	Chicago, Milwaukee & St. Paul	2	460.00	10% incr	No		50.00
60	Chicago & North-Western	9	(n)	(n)	No		220.00
61	Chicago & North-Western	5	784.75	25% incr	No		158.31
62	Illinois Central	3	(n)	(n)	No		
63	Illinois Central	5	800.00	20% incr	Yes	4,000	200.00

TRAINMEN.

64	Chicago, Milwaukee & St. Paul	4	585.00	incr	Yes	1,600	200.00
65	Chicago, Milwaukee & St. Paul	2	730.00	25% incr	No		
66	Chicago & North-Western	3	675.00		Yes	1,850	250.00
67	Chicago & North-Western	4	695.00	25% incr	Yes	1,800	270.00
68	Chicago & North-Western	2	968.65	15% incr	No		
69	Chicago & North-Western	2	650.00	10% incr	Yes	1,200	
70	Chicago & North-Western	3	587.00	5% incr	Yes	1,200	325.00
71	Chicago, Rock Island & Pacific	3	610.00	4% incr	Yes	1,400	200.00
72	Chicago, Rock Island & Pacific	5	820.00	3% incr	No		
73	Chicago, Rock Island & Pacific	(n)	(n)	40% incr	No		

SWITCHMEN.

74	Chicago, Burlington & Quincy	5	$ 312.00	15% incr	Yes	1,200	
75	Chicago Great Western	1	875.00	10% incr	No		100.00
76	Chicago Great Western	4	760.00	33 1-3% incr	Yes	1,000	200.00
77	Chicago & North-Western	3	802.00	incr	Yes	1,000	155.00
78	Chicago & North-Western	5	702.00	15% incr	No		
79	Chicago & North-Western	1	575.00	(n)	Yes	2,500	600.00
80	Illinois Central	3	930.00	10% incr	Yes	3,500	
81	Illinois Central	2	950.00	incr	Yes	2,300	900.00
82	Iowa Central	2	560.00	40% incr	No		
83	Union Pacific	7	374.00	10% incr	Yes	1,000	500.00

(n) Not reported.

IOWA (STEAM)—TABLE NO. 2

ENGINEERS—Continued

Has 16 hour law improved conditions of service	Has 16 hour law increased or decreased your monthly earnings	Has 16 hour law short'ed your hours per trip on the road	How much life insurance do you carry	How much accident insurance do you carry	How much fire insurance do you carry	Are engines equipp'd with frost glasses on front cab windows	When engines are run backward do they have headlights on tenders	Marginal Number
Yes	No change	No	3,500.00		2,700.00	Yes	No	45
No	No change	No	4,000.00	1,000.00		No	Yes	46
No	No change	No	3,000.00		1,000.00	No	No	47
Yes	No change	Yes	3,000.00		3,000.00	Yes	No	48
No	No change	No	(n)	(n)	(n)	No	Yes	49
Yes	No change	Yes	3,500.00		100.00	Yes	Yes	50
Yes	Increased	Yes	1,500.00		500.00	No	Yes	51
b	b	b	1,500.00			Yes	No	52
No	No change	No	6,000.00		7,000.00	Yes	Yes	53
No	No change	No	3,500.00		1,400.00	No	Yes	54

FIREMEN.

Yes	No change	No	2,500.00	600.00	600.00	No	Yes	55
Yes	No change	Yes	2,000.00			No	No	56
Yes	No change	No	2,500.00			No	Yes	57
Yes	(n)	No	1,000.00		500.00	No	Yes	58
Yes	No change	Yes	1,000.00			No	No	59
No	Decreased	No	1,500.00			No	Yes	60
Yes	Decreased	Yes	2,000.00	1,000.00	500.00	Yes	Yes	61
No	(n)	(n)	2,500.00	1,500.00		Yes	No	62
No	No change	No	6,000.00		1,800.00	No	Yes	63

TRAINMEN.

Yes	No change	Yes	1,350.00	1,350.00	1,300.00	No	Yes	64
Yes	No change	Yes	2,500.00			No	Yes	65
No	Increased	No	2,000.00		1,500.00	No	No	66
Yes	No change	Yes	1,500.00	2,000.00	1,200.00	No	No	67
Yes	No change	Yes	1,350.00		300.00	No	Yes	68
Yes	Decreased	Yes	1,000.00			No	No	69
Yes	No change	No	1,500.00		1,100.00	Yes	Yes	70
Yes	Increased	Yes	3,000.00		1,400.00	No	No	71
No	(n)	No	500.00			No	Yes	72
No	No change	No	3,350.00			No	Yes	73

SWITCHMEN.

Yes	No change	Yes	3,000.00	6,000.00	1,000.00	No	No	74
Yes	No change	(n)	2,000.00	1,350.00		No	Yes	75
No	No change	No	1,000.00		900.00	No	No	76
No	No change	No	2,350.00		600.00	(n)	Yes	77
No	No change	(n)	2,350.00		325.00	No	Yes	78
(n)	No change	(n)	1,350.00			(n)	No	79
(n)	(n)	(n)	3,500.00		1,000.00	(n)	(n)	80
(n)	No change	(n)	600.00	300.00	1,000.00	(n)	(n)	81
(n)	(n)	(n)	1,000.00		500.00	(n)	(n)	82
(n)	(n)	(n)	2,500.00			(n)	(n)	83

(n) Not reported.

RAILWAY EMPLOYES OF IOWA

TABLE NO. 3—ACCIDENTS DURING 1906.

Railroads	Killed										Injured															
	Cause of Death										Cause of Death															
	Passengers	Employes	Others	Total	Derailment	Collision	Caught in frog of switch	Coupling cars	Falling from traing	Getting on or off trains	Passengers	Employes	Others	Total injured	Derailment	Collision	Caught in frog of switch	Coupling cars	Falling from train	Getting on or off trains	Highway crossing	Miscellaneous	Overhead obstructions	Stealing ride	While intoxicated	Trespasers on track
Ames & College																										
Atchison, Topeka & Santa Fe		2		2						1	1	129	4	134					2	4	8		118			2
Chicago, Anamosa & Northern																										
Chicago, Burlington & Quincy	1	8	16	25	1	3		2	1	1	73	448	32	553	40	37	3	6	48	22		396			1	
Chicago Great Western		5		5	1				2		23	58		81	16	3		3	10	8		41				
Mason City & Fort Dodge		3		3					1		13	17		30	5	7			2	5		11				
Wisconsin, Minnesota & Pacific												1		1								1				
Chicago, Milwaukee & St. Paul	1	5	18	24					3	3	21	189	39	249	11	23		16	31	24	8	133	3			
Chicago & North-Western	4	18	28	50		3		2	6	5	45	490	72	607	6	21		11	35	78	19	403	4	15		15
Chicago, St. Paul, Minneapolis & Omaha			6	6					1		1	1		2		1				1						
Chicago, Rock Island & Pacific	4	25	23	52	1	18			4	2	2	43	5	50		1			4	5	2	38				
Colfax Northern											3	22	14	39	1	5			4	4	3	10	2			5
Crooked Creek											2			2	1					1						
Davenport, Rock Island & Northwestern			1	1																						
Des Moines, Iowa Falls & Northern			2	2																						
Des Moines Union											1	1		2												
Des Moines Western																										
Dubuque & Sioux City (Illinois Central)		7	11	18		1	1	1	1	1	1	12	1	14		2		1				11				
Iowa Central	1	5		6	4	1			1	1																
Albia & Centerville																										
Manchester & Oneida											5	2		7		2										
Minneapolis & St. Louis		1		1			1				3	70	13	86		6		8	13	9	1	42		4		3
Muscatine North & South												27		27		4		1	6			16				
Newton & Northwestern	1			1						1																
Tabor & Northern																										
Union Pacific		1		1							7	8		15				3	3	1		8				
Wabash	1			1	1																					
Willmar & Sioux Falls (Great Northern)			2	2									1	1												1
											1	55	3	58	1			2	9		1	44	1			
Totals	13	80	107	200	8	26	2	5	21	13		10	2	13					2	1		8				
											1	13	2	15					1	1		12	1			
	14	58	1	8	1	43	195	1,502	188	1,975	81	109	3	57	173	166	37	1,292	11	19	1	23				

RAILWAY EMPLOYES OF IOWA.

TABLE NO. 3—ACCIDENTS DURING 1907.

Railroads	Killed										Injured																	
					Cause of Death										Cause of Injury													
	Passengers	Employes	Others	Total	Derailment	Collision	Caught in frog of switch	Coupling cars	Falling from trains	Getting on or off trains	Passengers	Employes	Others	Total	Derailment	Collision	Caught in frog of switch	Coupling cars	Falling from train	Getting on or trains	Highway crossings	Miscellaneous	Overhead obstructions	Stealing rides	While intoxicated	Trespassers on track	Highway crossings	Miscellaneous	Overhead obstructions	Stealing rides	While intoxicated	Trespassers on Track
Ames & College											1	74	3	78		1		3	1	1	2	70								
Atchison, Topeka & Santa Fe			1	1						1																				
Chicago, Anamosa & Northern											2	9		3	2	9	24	370	36	430	12	14	3	9	23	49	17	281	5	7	3	7
Chicago, Burlington & Quincy	1	16	19	36		2		3	4	2		1					35	66	2	103	17	20	3	6	12	5		39				
Chicago Great Western		3		3	2												9	15		24		1			7	7		8	1			1
Mason City & Fort Dodge	1	1		2		1																										
Wisconsin, Minnesota & Pacific		1		1																												
Chicago, Milwaukee & St. Paul	2	15	19	36	1	2		2	4			1					22	139	12	173	21	15		18	18	16		84	1			
Chicago & North-Western	1	4	40	45	3	1				3							39	545	73	657	26	16		19	49	73	14	438	5	7		10
Chicago, St. Paul, Minneapolis & Omaha		1	1	2													1	36	3	40				1	1	2	2	34				
Chicago, Rock Island & Pacific	2	13	32	47		1		1	1	3	6	10	1	2			8	32	16	56		8		5	14	9	2	12	1			5
Colfax Northern																		1		1								1				
Crooked Creek																												2				1
Davenport, Rock Island & Northwestern		1	1	2		1				1								4	1	5		1										
Des Moines, Iowa Falls & Northern																																
Des Moines Union																																
Des Moines Western																																
Dubuque & Sioux City (Illinois Central)	4	3	19	26	1		1	2	1		3	2		2	4	1	10	18	98	9	125	3	3		11	4	20	4	68		2		1
Iowa Central		1	1	2						1							1	5	77	8	90	3	3		3	5	9	2	62		1		2
Albia & Centerville																																
Manchester & Oneida																																
Minneapolis & St. Louis											4	26	3	33	1									1	9	4	1	15		1		1
Muscatine North & South												2	1	3									1									
Newton & Northwestern		2		2						1															1		1	1				
Tabor & Northern																																
Union Pacific		1		1						1		32	4	36								4		1		2		28	1			
Wabash	1	2	1	4						1		3					12	33		45	5	16		3		3		19				
Willmar & Sioux Falls (Great Northern)	1			1								34	2	36			1					1		2	4	1		28				
Totals	13	64	134	211	12	8	1	8	13	12	16	73	2	14	8	44	178	1,584	173	1,935	88	103	6	80	150	207	47	1,191	14	18	3	28

RAILWAY EMPLOYES OF IOWA TABLE No. 3

ACCIDENTS TO PERSONS IN IOWA.

Year	Killed			Injured		
	Passengers	Employes	Other	Passengers	Employes	Others
1878	20	29	31	51	137	35
1879	2	42	40	12	103	39
1880	5	37	38	9	140	34
1881	7	67	34	17	146	31
1882	7	89	69	60	502	72
1883	4	82	65	25	255	50
1884	6	72	51	47	343	59
1885	9	72	75	89	720	66
1886	8	61	62	35	336	74
1887	8	59	65	28	354	58
1888	10	101	69	77	554	86
1889	4	35	33	25	442	46
1890	9	73	69	67	579	101
1891	5	82	91	80	601	92
1892	23	80	76	64	258	77
1893	17	81	79	78	622	64
1894	7	48	90	62	387	62
1895	4	47	82	39	330	74
1896	6	36	94	62	411	84
1897	27	40	90	81	291	86
1898	5	44	114	30	301	79
1899	14	62	95	101	348	128
1900	9	70	143	82	449	138
1901	7	65	151	104	636	142
1902	9	64	120	104	853	129
1903	7	100	143	169	1001	147
1904	12	90	113	201	1419	128
1905	7	74	109	146	1376	190
1906	13	80	107	195	1592	188
1907	13	64	134	178	1584	173

The following remarks by railroad men indicate definitely and clearly their views on important matters governing their employment, and is information of a character that merits publicity:

CONDUCTORS.

CONDUCTOR.—Belle Plaine. Provide state inspectors to see that laws are enforced, and make public reports of their labor.

CONDUCTOR.—Belle Plaine. Better equipment of rolling stock and the furnishing of gas or electric lights on all passenger cars and engines. Oil lamps should be abolished on all passenger cars; better toilet fixtures should be provided.

CONDUCTOR.—Belle Plaine. Provide for the hauling of fewer cars and less tonnage on trains. Enact a law providing that all railroad companies shall have an operator at all stations, and provide enough car repairers to keep cars in good condition. In many places the force is reduced to one man and he does not have time to inspect all cars and make all repairs, so that we often have to take out cars from such places chained together, because the one car repairer cannot put in a draw bar alone.

CONDUUCTOR.—Eagle Grove. Enact a law requiring the railroad commissioners to ride freight trains occasionally, then they would learn the true condition of things.

CONDUCTOR.—Eldon. Enact a law placing the limit on the number of freight cars that can be handled in any one train, or require that three brakemen be placed on all trains of over forty-five cars.

CONDUCTOR.—Estherville. By requiring that all railway accidents and dismissal from service be investigated by labor commissioner, instead of having inexperienced local officials make decisions.

CONDUCTOR.—Perry. Shorten the hours of service still more, and decrease the length of trains, so we would not be required to be out so many hours on the road.

ENGINEERS.

FREIGHT ENGINEER.—Clarion. A law to prevent hauling such heavy tonnage, then we can get cars over the road faster and avoid a car famine.

FREIGHT ENGINEER.—Clinton. A law compelling the railroads to furnish electric headlights and cab lights.

FREIGHT ENGINEER.—Clinton. A law requiring state inspection of locomotives in service to determine their condition in regard to the safety of the crews who operate them. Many engines now being operated are absolutely unsafe for the service they are required to perform on account of their poor condition.

PASSENGER ENGINEER.—Council Bluffs. Compulsory arbitration in all disputes arising between the company and their employes, and the providing of power brakes on all wheels on all locomotives and cars.

PASSENGER ENGINEER.—Eldon. I think that closer restriction of the liquor traffic would help all working people of the state and would lessen crime. I also approve of arbitration of all disputes.

PASSENGER ENGINEER.—Eldon. Enact a law requiring that locomotives be kept in better repair especially as to escaping steam. It is also desirable that more attention should be paid to the comfort of engine men in cold weather.

FREIGHT ENGINEER.—Eldon. Enact a law requiring that all locomotive engines be kept in good repair.

FREIGHT ENGINEER.—Ft. Madison. Make it obligatory to pay more attention to signal lights, we often find them in bad condition, it should also

be unlawful to allow steam to escape by leakage from front or sides of engines.

FREIGHT ENGINEER.—Ottumwa. Re-enact the Employers Liability law, and require closer inspection of boilers and all safety appliances.

FREIGHT ENGINEER.—Ottumwa. All railroads should be required to keep their track in good condition. We find a great deal of poor track especially on branch lines.

FREIGHT ENGINEER.—Perry. Fewer hours on the road are necessary to insure safety and better service to the public. Many of the large engines now used are killers and will wear out the best of men in twelve hours. We should not be compelled to run them longer than twelve hours at a time.

FREIGHT ENGINEER.—Sanborn. There should be government or state inspection of rolling stock. The Safety Appliance law is not being rigidly enforced.

FREIGHT ENGINEER.—Sioux City. Add to the Employers Liability law, the principle of comparative negligence. Add to the anti-pass law a provision for employes seeking employment, and amend subsection (k) of section 2, so as to provide for the passes of widows of crippled and disabled employes.

FREIGHT ENGINEER.—Sioux City. Provide for state inspection of road beds, tracks and motive power.

FIREMEN.

FIREMAN.—Boone. Provide that we shall not be required to work longer than Uncle Sam's mules.

FIREMAN.—Centerville. Make it compulsory that when light engines are going over the road a trainman shall accompany them so he can flag in case of accident. Also require that bridges and track shall be regularly inspected.

FIREMAN.—Ft. Dodge. By the passage of the so-called Employers Liability law as introduced in the legislature by Representative Wright of Webster county.

TRAINMEN.

BRAKEMAN.—Belle Plaine. Enact an Employers Liability law that even five supreme court judges could not find fault with.

PASSENGER BRAKEMAN.—Boone. Legislation governing the age limit; under present conditions a man 27 years old is barred from entering train or yard service, this should be raised to 40 years at least.

BRAKEMAN.—Clinton. Enact a law requiring railway companies to keep men on their respective divisions.

BRAKEMAN.—Eldon. Require that a full crew shall accompany all trains in both passenger and freight service; place all responsibility for accidents on the company, then they would not ask their employes to take the risks they now do.

BRAKEMAN.—Ottumwa. A law requiring railroads to use the improved safety appliances on rolling stock and road bed.

BRAKEMAN.—Sioux City. Enact a law that will prevent corporations from dismissing employes who have a good record and whose service has always been satisfactory to date.

SWITCHMEN.

SWITCHMAN.—Belle Plaine. We switchmen desire an eight-hour law so that three shifts are employed in each twenty-four hours, eight hours on duty and sixteen off.

SWITCHMAN.—Belle Plaine. Eight hours a day is long enough for switchmen to work. Our work is dangerous and the service very exacting.

SWITCHMAN.—Council Bluffs. State legislation that would curb and control the trusts.

SWITCHMAN.—Council Bluffs. Compel railroads to allow switchmen to negotiate agreements for themselves, instead of permitting disinterested brakemen to have a voice in such matters.

SWITCHMAN.—Shenandoah. Enact an Employers Liability law similar to the one which has recently been declared unconstitutional; provide for a more strict enforcement of the Employers Liability law.

SWITCHMAN.—Waterloo. Enact a law reducing the hours for switchmen in yard service to eight per day.

SWITCHMAN.—Waterloo. Eight hours per day is long enough for switchmen to work; make it illegal to require us to work longer.

REMARKS FROM RAILROAD EMPLOYES ON THE OPERATION OF THE SIXTEEN HOUR LAW

CONDUCTORS

CONDUCTOR.—Belle Plaine. Railway officials are endeavoring to make the sixteen-hour law obnoxious to the employes by arbitrary enforcement of the company's rest rules.

CONDUCTOR.—Belle Plaine. The sixteen-hour law decreases compensation on our division, as they use a crew sixteen hours on a turn around wayfreight and when we arrive the crew cannot go out on the run the next day, so we lose one day; where if we had a ten or twelve hour law the company would have to get the crew back in that time, and we could go out on our run the next day.

FREIGHT CONDUCTOR.—Cedar Rapids. One great difficulty in the operation of the sixteen-hour law is the interpretation often put on the ten-hour rest clause; the officials seem to take it to mean ten hours from the time we arrive at a terminal to the leaving time on next trip, it often takes from one to two hours before we can get to rest, and we are often called two hours before actual leaving time, so our period of actual rest is reduced almost one-half and is insufficient after being on duty sixteen consecutive hours. The law should be made more clear on this point.

FREIGHT CONDUCTOR.—Clinton. The sixteen-hour law has been a detriment to us on this division, because the company have virtually subdivided the division, making our trips from eight to ten hours which lessenes our monthly mileage and consequently our compensation. There are many trips on our division that a man could not stand physically for sixteen hours, other trips on which we have very little manual labor to perform and could stand it for twenty hours or more. The law should be so amended that the man in the service should be judge of his own physical condition. If he is unable to work longer than ten, twelve or sixteen hours let him notify his officials and they release him from duty. If he does not ask for relief he should be allowed to complete his trip. I don't believe any law could be enacted compelling one to work a specified number of hours and do justice to us all.

FREIGHT CONDUCTOR.—Eagle Grove. Sixteen hours are too many to be on continuous duty in train service, especially, where we have to work nights; the time should be shortened.

PASSENGER CONDUCTOR.—Eagle Grove. The operation of the sixteen-hour law keeps men away from home more than before, causing extra living expense, and in many cases necessitates moving to other places on account of changing of terminals and changing of runs, but will probably work out all right in time, so that it will be a benefit to us.

FREIGHT CONDUCTOR.—Eldon. I think the sixteen-hour law a good thing.

FREIGHT CONDUCTOR.—Perry. My honest opinion is we do not have enough men of our calling to represent us in the legislature; we allow lawyers and farmers to try to make laws for us and they fail as we would if we were to try making a law to grow hay or corn by. I hope to seen the sixteen-hour law stand and be enforced more strictly, especially on the official side of it. If I am called I go, it makes no difference how long I have been on duty, I need the money.

FREIGHT CONDUCTOR.—Perry. Sixteen-hour law is all right as far as it goes, but think the hours should be shortened still more so that men could have time to get acquainted with their family.

ENGINEERS.

FREIGHT ENGINEER.—Clinton. The sixteen-hour law is a success as far as the trainmen and the public are concerned, and should be strictly enforced.

FREIGHT ENGINEER.—Clinton. The sixteen-hour law should be amended to read twelve hours instead of sixteen for engine men, and penalizing the companies where they fail to put the trains into stated terminals before relieving the men from duty. We know that this can and should be done. The men are now being tied up at isolated points, sometimes within twenty or thirty miles of home terminal, where they cannot get the rest and refreshment they could get at the terminals. There is no valid reason why any freight train should not average a speed of fifteen miles per hour between terminals, except in case of wreck or severe storm, in which cases the law now makes provision. The hours of men in freight service are still too long. The railroad company's now assume the right to work employes sixteen hours regardless of tonnage which is entirely too long for the men who have to handle the heavy engines hauling their maximum tonnage. Many other branches of labor have an eight-hour day while in this admittedly one of the most exacting of services men are required by the company to work sixteen hours out of the twenty-four.

PASSENGER ENGINEER.—Council Bluffs. The sixteen-hour law works a hardship on the men as we are now sometimes required to tie up for ten hours after being on the road sixteen hours at a place where it is difficult to obtain rest. The company should be required to get the trains into a terminal within the sixteen-hour limit.

PASSENGER ENGINEER.—Eldon. I think the sixteen-hour law should be so amended that when a train crew arrives within five or ten miles of a terminal and the sixteen-hour limit has expired they should be allowed to go in where they could get something to eat and a place to rest and not be tied up where there are no accomodations whatever.

FREIGHT ENGINEER.—Eldon. The sixteen-hour law has had a bad effect on our division; formerly we made good mileage and engines were in fair condition, now we are in a pool and engines are in poor condition. The ten-hour clause often causes us to lose a trip and we are out so much money. We can sometimes make the division in five hours, but are required to take ten hours rest before starting another trip.

FREIGHT ENGINEER.—Estherville. I think if it was fourteen hours instead of sixteen it would make a marked difference, the company would then try to load the trains so we could get over the road in a little better time.

FREIGHT ENGINEER.—Ft. Dodge. I think the sixteen-hour law will be a good thing when it is properly enforced. It seemed a little awkward for a while but everything is gradually becoming adjusted to it, and I think it will eventually be satisfactory to all concerned.

PASSENGER ENGINEER.—Ft. Madison. There is so far a great difference in opinion among engine men as to the operation of the sixteen-hour law and it will take some time before we can get down to a satisfactory working basis. I believe it will be necessary to make some changes in the law before it will prove satisfactory all around.

FREIGHT ENGINEER.—Ft. Madison. I can see nothing in the sixteen-hour law that is detrimental to any fairminded man or corporation. The language is broad and easy to understand; the difficulty comes in the different construction placed upon it. All who are willing to live up to the spirit of the law will find that it works no great hardship to anyone and is a step in the right direction.

FREIGHT ENGINEER.—Perry. If no less than sixteen hours can be gotten, compel them to give us eight hours rest and not call us again within six hours.

FREIGHT ENGINEER.—Sanborn. In connection with the enforcement of the sixteen-hour law I wish to say that the present practice of keeping men on the road eighteen or twenty hours, under pretense that an accident or some unavoidable casualty has taken place should be discontinued.

ENGINEER.—Sanborn. The enactment of a sixteen-hour law is quite a benefit to the younger engine men, and to the majority but it has not proved beneficial to older men who have regular turnaround runs, but on the whole has been a benefit to engineers in general.

FREIGHT ENGINEER.—Sioux City. Where the sixteen-hour law is a Godsend is in chain-gang work, it affects the schedule runs very little, excepting possibly wayfreight. The sixteen-hour law is well thought of by railroad men generally, the objection on the part of the engine men being the registering required of them personally, this consumes our resting time and could just as well be done by conductor when registering in his train.

FREIGHT ENGINEER.—Sioux City. I would like to see the sixteen-hour law enforced to the letter, as there is nothing more dangerous to men in train service or to the traveling public than keeping the men on continuous duty. You will readily understand that by continual watching and the heat from the boiler a man will become sleepy especially at night, we have to battle with nature to keep awake, especially on slow freight runs.

FREIGHT ENGINEER.—Sioux City. If a man works every day and is on duty on an average, fifteen hours each day he should have at least ten hours rest after each trip; but I also think a man ought to be his own judge as to the amount of rest required.

FREIGHT ENGINEER.—Sioux City. On the Northwestern the law is operating very well and the company is trying to live up to its provisions strictly, though there are a few instances where the time has been run over slightly, but it has been the means of cutting down the extremely long hours on duty that formerly obtained on this division. It sometimes causes loss of time to employes but on a whole it has been a benefit to them. The company claims the law is unconstitutional and that they are only getting ready to comply with the provisions of the National law that goes into effect March 4th.

FREIGHT ENGINEER.—Sioux City. The enforcement of the sixteen-hour law results in pooling engines in freight service with the result that the motive power deteriorates to an extremely unsafe condition.

PASSENGER ENGINEER.—Sioux City. Educate the railroad officials to a better understanding of the law.

FREIGHT ENGINEER.—Stuart. The tendency seems now to be to keep the men out and rawhide them to the limit. On the local freight I am working on they wont allow the trains to come in on time; they watch us and if getting along nicely will load us up with work so we have to stay out every day not the limit but far beyond it.

FREIGHT ENGINEER.—Valley Junction. Instead of a sixteen-hour day if twelve hours were made the limit it would be better for the company and for men in train service. It looks as though the federal government in their wisdom think nine hours is long enough for telegraphers, surely twelve hours ought to be enough for train crews to work.

FIREMEN.

FIREMAN.—Boone. Officials deduct time while we wait at outlying points which if added would sometimes make us on duty twenty-five or more hours. They seem to think that we must work full sixteen hours before we should be allowed to rest.

FIREMAN.—Centerville. I think the sixteen-hour law is a great thing if lived up to.

PASSENGER FIREMAN.—Ft. Dodge. The company officials are not complying with the sixteen-hour law; in some cases they stop trains on sidings when time limit has expired, holding enginemen responsible for care of engine and trying to make them believe they have had rest, but really requiring them to work an additional ten hours which would not be the case were they not stopped for a so-called rest.

FIREMAN.—Perry. The sixteen-hour law is not being lived up to on this division. On July 4th I went out at 6:30 a. m., was out until 10:45 p. m., went again at 1:15 a. m. and was out until 6:45 a. m.; went out again same day at 10:30 a. m. and was out until 7:30 p. m. The ten-hour rest provision was entirely ignored in my case.

TRAINMEN.

TRAINMAN.—Belle Plaine. I think the sixteen-hour law is fine for employes in train service, it cuts out those twenty to thirty hour periods on duty. I honestly believe it should have been twelve instead of sixteen.

TRAINMAN.—Belle Plaine. The sixteen-hour law decreases our earnings in two ways; on long divisions it keeps the crews away from home and on short divisions where it has been possible for crews to double the road we are now prevented from doing so. It is no good as it now stands as it allows the company to take every advantage in case of emergency; for example, recently a regular crew was used in wrecking service sixteen hours and five minutes and was then tied up at a subdivision point; after five hours rest this crew was ordered with full tonnage to proceed with train including the wrecking outfit; at the first station we stopped and replaced a derailed car; this could have been done by any other crew that did not have a wrecking car. We then went in with a full train, and were on duty 8 more hours. This was an abuse of the law, the company claiming that the replacing of one car was wrecking service, and that they could thus use a regular crew. The crew would probably have been disciplined if they had refused to go ahead as ordered.

TRAINMAN.—Boone. Opinions here are very different regarding application of the sixteen-hour law as to rest, etc. I think that nothing short of eight hours should be counted, but the law is not so applied here; for instance, if a man is on duty eight hours and released from duty two hours, and resumes work for eight hours more it is counted as sixteen hours duty when it is virtually eighteen hours without rest, because rest at such short intervals is of no value. Probably this is a wrong construction of the law if it is not I think the law should be amended.

TRAINMAN.—Eldon. I cannot see that the sixteen-hour law is of any benefit either to the men or the company as now in effect. Sixteen hours is too long for any man to work without rest, but it is a hardship to us after being out sixteen hours and within one or two hours' run of home to be side-tracked for ten hours where there are no accomodations for proper rest. I think we would be better off to make the run in, for it has frequently happened that after this makeshift rest period we have been kept on duty many hours thereafter. If we are to have a law governing the hours of labor and of rest, why not make it eight or nine the same as the telegraphers, our brother operator has been in his warm bed all night while we have been out in a rain or snow storm; our fellow trainmen and the traveling public are depending on both of us for their safety.

TRAINMAN.—Ottumwa. I believe in the strict enforcement of the sixteen-hour law.

TRAINMAN.—Sioux City. There should be a better way of reporting violations of the sixteen-hour law than by depending on us to do it; the investigation should be made by some one in authority who has power to apply the penalty and who is not afraid to do so.

EMPLOYERS' STATISTICAL REPORT.

In the collection and compilation of data for this chapter, an endeavor was made to secure reports from employers in as many representative establishments as possible in the varied industries in the state, and while the inquiry is limited to establishments in which five or more persons are employed, 1,100 employers located in 87 counties responded.

In the establishments covered by these reports 49,037 persons were employed, including as wage workers 41,135 men, women and children, and as salaried employes, managers, superintendents, clerks, etc., 7,902 men and women.

Table No. 1 is arranged by counties, giving character of industry, number of men, women and children employed in the various industries, hours worked per day, number of days in operation in 1907, increase or decrease in wages during the year, and the amount paid out collectively. In connection with salaried employes, the number of men and women so employed is given, together with the amounts paid to men and to women, and the total amount paid. Table No. 2 gives a summary by counties, of data contained in table No. 1, showing that the 41,135 persons employed as wage workers in the 1,100 establishments earned during the year 1907 the sum of $22,180,542.68, divided as follows: By the 32,690 men and boys over 16 years of age, $19,867,554.78, or 89.57 per cent. of the whole amount; by the 7,405 women and girls under 16 years of age, $2,139,192.81, or 9.64 per cent., and by the 1,040 children under sixteen years of age $173,795.00, or 78 per cent. of the whole amount.

The average earnings of men and boys over 16 years of age for 1907 as reported by employers in the 1,100 establishments was $607.76; by women and girls over 16 years of age, $288.88, and by children under 16 years of age $167.11.

The total amount reported as being paid to 7,902 salaried employes, such as managers, superintendents, clerks, etc., was $7,842,229.31, divided as follows: the 6,542 men received $7,205,077.91,

or 91.88 per cent of the total amount, and the 1,360 women received $637,151.40, or 8.12 per cent.

The average annual salary received by men was $1,101.36, and by women $468.49.

The average number of persons employed in each of the 1,100 establishments was 45, the average number of hours worked per day by wage earners was 9.7, and the average number of days per year was 298.

EMPLOYERS' STATISTICAL

TABLE NO. 1.

ADAMS COUNTY.

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907: Adult males	Adult females	Children under 16	Hrs. w'rked per day	Days in operation during 1907	Change in wages in per cent for year 1907: Per cent of increase	Per cent of decrease	Total amount Paid in wages during 1907: Adult Males	Adult females	Children under 16	Total	Superintendents, managers, clerks and other salaried employes: Number: Men	Women	Total amount paid in salaries during the year 1907: Men	Women	Total	Marginal Number
1	Flour and feed milling	1	5			10	308			$ 3,000.00			$ 3,000.00	2					1
2	Printing and publishing	1	5	2		10	309	9%		1,976.00	500.00		2,475.00	2		$ 1,012.50		$ 1,012.50	2
3	Printing and publishing	1	3	2		10	310			1,568.00	668.00		2,175.00	1		1,040.00		1,040.00	3

ALLAMAKEE COUNTY.

4	Pearl button blank mfg	1	24			10	310			$ 10,400.00			$ 10,400.00	4		$ 2,000.00		$ 2,000.00	4
5	Wood cutting and lbr. mfg	1	10			10	310			4,000.00			4,000.00						5

APPANOOSE COUNTY.

6	Brick and tile mfg	1	10		2	9	133			$ 2,650.00		$ 274.54	$ 2,934.54						6
7	Newspaper and job ptg	1	4	3	9	10	308			2,000.00	900.00	200.00	3,100.00	1		$ 900.00		$ 900.00	7
8	Newspaper and job ptg	1	1	3	4	9	250	25%		320.00	828.00	75.00	1,423.00	1					8
9	Newspaper and job ptg	1	3	3		9	309	20%		1,750.00	1,000.00		2,750.00	1	1				9
10	Repair shop (locomotive)	1	42			10	365	13%		25,725.30			25,725.30	3	2	2,615.43	$ 664.89	3,280.32	10
11	Skirts mfg	1	2	15		9½	308			2,000.00	4,400.00		6,400.00	5		$ 4,300.00		4,300.00	11
12	Steam laundry	1	4	8		9½–10	310	14%		2,400.00	2,077.00		4,477.00	1		1,000.00		1,000.00	12
13	Wholesale groceries	1	17	2		9–10	310	10%		10,630.00	780.00		11,410.00						13

AUDUBON COUNTY.

14	Brick and tile	1	7			10	150			$ 3,000.00			$ 3,000.00	2					14
15	Printers and publishers	1	4	1		9–10	310			2,500.00	300.00		2,800.00	4	1	$ 2,400.00	300.00	2,700.00	15

BENTON COUNTY.

16	Newspaper and general ptg	1	5	1		9	310	10%		$ 2,704.00	435.00		$ 3,139.00	1		$ 900.00		$ 900.00	16
17	Railroad repair shops	1	137			10	365	9%		79,297.60			79,297.60	7		6,517.20		6,517.20	17

TABLE No. 1—

(CONTINUED).

BLACK HAWK

COUNTY.

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907			Hrs. w'rked per day	Days in operation during 1907	Change in wages in per cent for year 1907	
			Adult males	Adult females	Children under 16			Per cent of increase	Per cent of decrease
18	Agricultural implements	1	55	27	.....	9-10	298	.....	.....
19	Agricultural implements	1	7	.....	.....	10	310	.....	.....
20	Agricultural implements	1	119	.....	.....	10	299	.....	.....
21	Bakery	1	17	2	.....			.....	.....
22	Boiler and tank mfg.	1	5	.....	.....	9	300	.....	.....
23	Brass castings mfg	1	4	.....	.....	8 1-3	304	.....	.....
24	Broom mfg	1	7	.....	.....	9	300	.....	.....
25	Butcher supplies	1	20	1	.....	10	300	7%	.....
26	Candy mfg	1	7	11	.....	10	274	10%	.....
27	Caskets mfg.	1	12	3	1	10	300	.....	.....
28	Cement blocks	1	5	.....	.....	10	187	10%	.....
29	Coffee, tea and spice job'rs	1	8	5	.....	9-10	300	12½%	.....
30	Cream separator mfg.	1	12	.....	.....	10	305	10%	.....
31	Creamery supplies	1	11	3	.....	10	310	.....	.....
32	Drilling mach. & supplies	1	18	.....	.....	10	313	.....	.....
33	Dry goods	1							
34	Dry goods mfg.	1	8	133	.....	10	315	15.7%	.....
35	Dry goods (retail)	1	5	15	.....	9	310	.....	.....
36	Foundry	1	3	.....	.....	10	310	.....	.....
37	Gas and electricity mfg.	1	143	.....	.....	12	365	21%	.....
38	Gas machines mfg.	1	3	1	.....	10	270	.....	.....
	Gasoline engine mfg.	1	38	.....	.....	9	300	.....	.....
39	Gasoline engine mfg.	1	30	.....	.....	9½	310	.....	.....
40	Gate mfg.	1	8	.....	.....	10	302	12%	.....
41	Gloves and mitten mfg.	1	3	59	.....	9½	300	.....	.....
42	Grocery (retail)	1	6	1	.....	11	308	.....	.....
43	Groceries (wholesale)	1	41	2	.....	9-10	310	3%	.....
44	Hardware specialties mfg.	1	43	2	.....	10	303	.....	.....
45	Hardware (wholesale)	1	22	1	.....	10	310	.....	.....
46	Horse collar mfg.	1	8	6	.....	10	300	.....	.....
47	Hot air registers mfg.	1	9	.....	.....	10	300	10%	.....
48	Hotel	1	2	7	.....	12	365	.....	.....
49	Hotel	1	1	5	.....		365	.....	.....
50	Ice mfg.	1	6	.....	.....	12	177	.....	.....
51	Laundry	1	6	31	.....	10	308	10%	.....
52	Lmbr. and house furnisher	1	38	.....	.....	9	283	.....	.....
53	Lumber (retail)	1	5	.....	.....	10	.....	.....	.....
54	Lumber (retail)	1	6	.....	.....	10	310	8%	.....
55	Lumber (retail)	1	4	.....	.....	10	310	.....	15%
56	Mill (flour)	1	9	.....	.....	18	245	.....	.....
57	Mill supplies mfg.	1	12	.....	.....	9	310	10%	.....
58	Oil (retail)	1	8	.....	.....	9	310	.....	.....
59	Oil (retail)	1	8	.....	.....	10	310	.....	.....
60	Pork packing	1	67	5	.....	10	310	12½%	.....
61	Printing and publishing	1	7	2	.....	8-9	310	12½%	.....
62	Printing and publishing	1	24	6	.....	8	311	10%	.....
63	Saddlery	1	29	.....	.....	10	310	.....	.....
64	Telephone exchange	1	20	16	.....	9	306	.....	.....
65	Telephone exchange	1	1	5	.....	9	365	.....	.....
66	Water works	1	3	1	.....	10	365	.....	.....

Total amount paid in wages				Superintendents, managers, clerks and other salaried employes					Marginal Number
				Number		Total amount paid in salaries during the year 1907			
Adult Males	Adult females	Children under 16	Total	Men	Women	Men	Women	Total	
$ 28,637.02	$ 9,213.65	.....	$ 37,850.67	8	.....	$ 8,992.46	.....	$ 8,992.46	18
3,640.62	.....	.....	3,640.62	1	1	600.00	447.50	1,047.50	19
88,140.65	.....	.....	88,140.65	5	2	5,452.00	994.00	6,446.00	20
11,960.00	780.00	.....	12,740.00	2	.....	2,340.00	.....	2,340.00	21
2,500.00	.....	.....	2,500.00	5	.....	.....	.....	.....	22
3,150.00	.....	.....	3,150.00	1	.....	1,000.00	.....	1,000.00	23
4,000.00	.....	.....	4,000.00	1	.....	900.00	.....	900.00	24
17,562.26	529.00	.....	18,092.26	3	1	3,400.00	429.00	3,829.00	25
3,500.00	3,050.00	.....	6,550.00	1	.....	900.00	.....	900.00	26
5,000.00	1,040.00	160.00	6,200.00	1	.....	528.00	.....	528.00	27
1,500.00	.....	.....	1,500.00	2	.....	1,500.00	.....	1,500.00	28
5,116.90	1,121.00	.....	6,237.90	2	.....	4,800.00	.....	4,800.00	29
7,133.53	.....	.....	7,133.53	13	1	7,828.00	400.00	8,228.00	30
12,960.64	1,820.00	.....	14,780.64	.....	.....	.....	.....	.....	31
8,000.00	.....	.....	8,000.00	2	1	3,440.00	416.00	3,856.00	32
.....	.....	.....	.....	4	1	4,800.00	300.00	5,100.00	33
4,332.50	36,915.73	.....	41,548.23	6	3	6,794.54	1,583.24	8,377.78	34
3,000.00	8,000.00	.....	11,000.00	1	.....	1,500.00	.....	1,500.00	35
1,400.00	.....	.....	1,400.00	2	.....	2,000.00	.....	2,000.00	37
55,000.00	.....	.....	55,000.00	23	3	29,000.00	1,800.00	30,800.00	37
2,100.00	480.00	.....	2,580.00	1	.....	1,200.00	.....	1,200.00	38
22,342.25	.....	.....	22,342.25	2	2	2,700.00	360.00	3,060.00	
11,000.00	.....	.....	11,000.00	3	2	3,400.00	1,500.00	4,900.00	39
3,124.00	.....	.....	3,124.00	2	1	2,400.00	350.00	2,750.00	40
1,200.00	13,066.00	.....	14,266.00	1	.....	1,300.00	.....	1,300.00	41
3,926.00	312.00	.....	4,238.00	.....	.....	.....	.....	.....	42
19,737.46	1,496.00	.....	21,233.46	1	.....	8,000.00	.....	8,000.00	43
17,041.50	626.00	.....	18,367.50	8	1	8,650.00	600.00	9,250.00	44
15,984.20	450.00	.....	16,434.20	2	.....	3,300.00	.....	3,300.00	45
3,336.00	1,444.00	.....	4,680.00	2	1	1,800.00	390.00	2,190.00	46
4,000.00	.....	.....	4,000.00	2	.....	1,800.00	.....	1,800.00	47
330.00	1,296.00	.....	1,656.00	.....	.....	.....	.....	.....	48
300.00	1,000.00	.....	1,300.00	.....	.....	.....	.....	.....	49
180.00	.....	.....	180.00	.....	.....	.....	.....	.....	50
4,108.00	12,181.68	.....	16,289.68	.....	.....	.....	.....	.....	51
16,964.03	.....	.....	16,964.03	10	1	14,021.00	530.00	14,551.00	52
3,840.00	.....	.....	3,840.00	2	2	1,980.00	1,316.00	3,296.00	53
3,500.00	.....	.....	3,500.00	1	.....	1,200.00	.....	1,200.00	54
2,520.00	.....	.....	2,520.00	17	1	12,180.00	480.00	12,660.00	55
5,050.00	.....	.....	5,050.00	6	.....	7,550.00	.....	7,550.00	56
8,800.00	.....	.....	8,800.00	.....	.....	.....	.....	.....	57
5,400.00	.....	.....	5,400.00	.....	.....	.....	.....	.....	58
6,180.00	.....	.....	6,180.00	.....	.....	.....	.....	.....	59
23,758.00	1,500.00	.....	25,258.00	11	2	11,910.00	1,404.00	13,314.00	60
4,346.47	775.00	.....	5,121.47	2	.....	2,000.00	.....	2,000.00	61
16,000.00	4,000.00	.....	20,000.00	2	.....	2,340.00	.....	2,340.00	62
22,388.69	.....	.....	22,388.69	6	1	5,925.00	1,020.00	6,945.00	63
14,082.00	4,914.00	.....	18,996.00	6	.....	2,523.00	.....	2,523.00	64
600.00	1,209.00	.....	1,809.00	1	.....	720.00	.....	720.00	65
1,248.21	150.00	.....	1,398.21	14	1	10,724.75	222.00	10,946.75	66

TABLE No. 1—

BOONE

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907: Adult males	Adult females	Children under 16	Hrs. wrked per day	Days in operation during 1907	Change in wages in per cent for year 1907: Per cent of increase	Per cent of decrease
67	Blacksmith and repairing	1	5			10	310		
68	Brick and tile	1	58		2	9	238	5%	
69	Dry goods	1	5	15		10	310		
70	Dry goods	1	2			10	310		
71	Furniture (retail)	1	6			10	310		
72	Gloves, furs, etc. mfg.	1		3	1	9½	310		
73	Groceries	1	3	1		10	160		
74	Groceries (retail)	1	5			10	310		
75	Laundry	1	6	15		10	310		
76	Liquors (wholesale and retail)	1	1		2	10	308	20%	
77	Printing and publishing	1	8	15	2	9	310		
78	Railway repair shop	1	213			8	299		
79	Telephone exchange	1	4	8		9	365		
80	Street railway and light	1	15			10	305	10%	

BREMER

81	Butter tub mfg.	1	16			10	269		
82	Condensed milk mfg.	1	21	5		10	305		
83	House finishing and job work	1	16	1		10	300	20%	
84	Liquor mfg.	1	16			10	310	21%	
85	Newspaper and job office	1	3	2		10	313		
86	Printing and publishing	1	12	4		9	305	10%	
87	Telephone exchange	1	3	4		9	365		

BUCHANAN

88	Telephone exchange	1	3	6		9	365		

BUENA VISTA

89	Brick and tile mfg.	1	18			10	155		
90	Butter tub and barrel mfg.	1	22			10	224	10%	

CALHOUN

91	Railway repair shops	1	19			9	365		

CARROLL

92	Dog muzzle calf weaners	1	6			10	297	10%	
93	Electricity for light and power	1	9			12	365		
94	Eveners and ladders	1	12			10	310	10%	
95	Milling (flour)	1	5			16	300		
96	Railway repair shops	1	28			10	365		
97	Smooth wire calf weaners mfg.	1	7			10	300	20%	
98	Telephone exchange	1	7	5		9	365		

(CONTINUED).

COUNTY.

Total amount paid in wages during 1907: Adult Males	Adult females	Children under 16	Total	Superintendents, managers, clerks and other salaried employes: Number: Men	Number: Women	Total amount paid in salaries during the year 1907: Men	Women	Total	Marginal Number
$ 4,000.00			$ 4,000.00						67
27,425.89		$ 312.75	27,738.64	3		$ 3,900.00		$ 3,900.00	68
3,600.00	$ 5,500.00		9,100.00						69
485.00			485.00	4		3,060.00		3,060.00	70
3,552.00			3,552.00	2		1,950.00		1,950.00	71
	914.00	208.00	1,122.00	2		1,800.00		1,800.00	72
1,404.00	300.00		1,704.00						73
2,970.00			2,970.00	2		1,440.00		1,440.00	74
2,392.00	4,654.00		7,046.00	2		1,560.00		1,560.00	75
676.00		624.00	1,300.00	11		8,874.00		8,874.00	76
4,108.86	2,678.50	224.30	7,011.66	3	2	3,008.69	493.10	3,501.79	77
149,910.18			149,910.18	20		18,308.71		18,308.71	78
2,806.00	2,234.00		5,040.00	1	2	900.00	350.00	1,250.00	79
12,460.00			12,460.00	3		3,720.00		3,720.00	80

COUNTY.

7,735.00			7,735.00						81
9,979.74	1,404.72		11,384.46	3	1	6,200.00	500.00	6,700.00	82
9,000.00	360.00		9,360.00	1	1	480.00	300.00	780.00	83
6,480.00			6,480.00	5		5,040.00		5,040.00	84
832.00	624.00		1,456.00						85
6,968.00	1,040.00		8,008.00	1		840.00		840.00	86
1,984.00	840.00		3,824.00	1	1	840.00	300.00	1,140.00	87

COUNTY.

2,163.00	1,152.00		2,315.00	1		760.00		760.00	88

COUNTY.

5,600.00			5,600.00						89
11,314.00			11,314.00	2		1,500.00		1,500.00	90

COUNTY.

10,188.56			10,188.56	1		340.00		340.00	91

COUNTY.

$ 2,218.67			$ 2,218.67	1	1	$ 490.00	$ 326.85	$ 816.85	92
7,560.00			7,560.00		2		1,080.00	1,080.00	93
5,700.00			5,700.00	4	2	2,790.00	500.00	3,290.00	94
2,520.00			2,520.00	1		600.00		600.00	95
20,114.34			20,114.34	3		2,685.20		2,685.20	96
3,403.00			3,403.00						97
4,300.00	1,076.00		5,376.00	1		900.00		900.00	98

TABLE No. 1—(CONTINUED).

CASS COUNTY.

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907: Adult males	Adult females	Children under 16	Hrs. w'k. ed per day	Days in operation during 1907	Change in wages in per cent for year 1907: Per cent of increase	Per cent of decrease	Total amount paid in wages during 1907: Adult Males	Adult females	Children under 16	Total	Superintendents, managers, clerks and other salaried employes: Number: Men	Women	Total amount paid in salaries during the year 1907: Men	Women	Total	Marginal Number
9	Electric power mfg.	1	2			12	365			$ 600.00			$ 600.00	5	1	$ 4,013.52	$ 213.12	$ 4,226.64	99
10	Flour and meal mfg.	1	7			11	300			4,500.00			4,500.00	1		1,500.00		1,500.00	100
10	Telephone exchange	1	2	3		9	365			1,306.00	576.00		1,882.00	1		720.00		720.00	101

CEDAR COUNTY.

102	Brick and tile	1	3			10	194	15%		500.00			500.00						102
103	Stone quarrying	1	46			9	283			20,882.72			20,882.72	2	1	3,300.00	720.00	4,020.00	103

CERRO GORDO COUNTY.

104	Brick and tile mfg.	1	97			10	312			$ 57,363.36			$ 57,363.36	5		$ 5,820.00		$ 5,820.00	104
105	Cement mfg.	1	341			9½	310			200,000.00			200,000.00	3		5,000.00		5,000.00	105
106	Dry goods (retail)	1	3	12		10	310			2,000.00	5,000.00		7,000.00						106
107	Dry goods	1	2	6		9	310			1,400.00	2,750.00		4,150.00						107
108	Electric light and power mfg.	1	49	1		12	365			20,608.77	300.00		20,908.77	6		5,580.00		5,580.00	108
109	Flour and meal mfg.	1	7	1		11	250			4,800.00	290.00		5,090.00	7	1	4,680.00	260.00	4,940.00	109
110	Fruit and produce (wholesale)	1	1			10	308	3%		200.00			200.00	9	1	9,066.00	420.00	9,486.00	110
111	Groceries (wholesale)	1	25	3		10	310			22,000.00	2,200.00		24,200.00	3		5,000.00		5,000.00	111
112	Grocery (wholesale)	1	9			10	310			6,511.02			6,511.02	28	3	38,011.82	2,095.60	40,107.42	112
113	Laundry	1	7	13		10	310			3,160.65	4,501.75		7,662.40	1		884.00		884.00	113
114	Lime mfg.	1	17			10	250			7,258.79			7,258.79	1		1,200.00		1,200.00	114
115	Mill work and house furnishing	1	15			10	304	4%		9,673.00			9,673.00	4	1	5,200.00	750.00	5,950.00	115
116	Oil (wholesale)	1	4	1		10	318			4,140.00	480.00		4,620.00	4	1	3,360.00	480.00	3,840.00	116
117	Pork packing	1	33			10	310			25,410.00			25,410.00	4	2	5,450.00	1,030.00	6,480.00	117
118	Printing and publishing	1	13	4		8	307	10%		8,000.00	1,500.00		9,500.00	19	4	7,000.00	1,500.00	8,500.00	118
119	Railway repair shop	1	44			10	315	9%		25,588.52			25,588.52	4		4,165.00		4,165.00	119

CHEROKEE COUNTY.

120	Electric power mfg.	1	4			14	365			$ 2,580.00			$ 2,580.00		1		$ 360.00	$ 360.00	120
121	Laundry	1	2	4		8	310			960.00	1,080.00		2,040.00						121
122	Printing and publishing	1	2	2		10	310			920.00	520.00		1,440.00		1		312.00	312.00	122
123	Well machine mfg.	1	7			10	308			3,749.11			3,749.11	2		1,782.00		1,782.00	123

CLARKE COUNTY.

124	Printing and publishing	1	8	4		9	311	10%		1,800.00	1,500.00		3,300.00		1		500.00	500.00	124

CLAYTON COUNTY.

125	Button blanks mfg.	1	80			10	300			$ 30,162.62			$ 30,162.62	12		$ 4,903.80		$ 4,903.80	125
126	Cleaning grain	1	5			10	250			5,640.00			5,640.00	3		7,800.00		7,800.00	126
127	Excelsior mfg.	1	10			10	173	10%		2,763.73			2,763.73	2		4,000.00		4,000.00	127
128	Grain and live stock	1				10	310							5	3	1,500.00	850.00	2,350.00	128
129	Lumber (retail)	1	8			10	186			1,874.50			1,874.50	1		350.00		350.00	129
130	Printing and binding	1	4	2		10	310			1,326.00	546.00		1,872.00						130
131	Saw and planing mill	1	10			10	180	10%		3,000.00			3,000.00						131

TABLE No. 1—(CONTINUED).

CLAY

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907: Adult males	Adult females	Children under 16	Hrs. w'rk'd per day	Days in operation during 1907	Change in wages in per cent for year 1907: Per cent of increase	Per cent of decrease
132	Brick and tile mfg.	1	26			10	234		
133	Light and power	1	5			10	365		

CLINTON

134	Bottling beer (wholesale)	1	10			10	310	10%	
135	Box and crate mfg.	1	55			10	300		
136	Box and ladder mfg.	1	119			10	304	10%	
137	Brewing	1	17			10	308	5%	
138	Brick and tile mfg.	1	4			10	200		
139	Cement block mfg.	1	7			10	180	30%	
140	Concrete work	1	10			10	310		
141	Confectionery jobbing	1	4	10	3	10	300	10%	
142	Cookers mfg.	1	36	43	10	9	285		
143	Drugs (wholesale)	1	29			10	312		
144	Dry goods (retail)	1	9	25		9	312	25%	
145	Dry goods (retail)	1	5	14		10	310		
146	Dry goods (retail)	1	7			11	310		
147	Electricity and gas mfg.	1	38			12	365	6%	
148	Fur mfg.	1	35			10	300		
149	Furnit. and mattress mfg.	1	32	2		10	310	3%	
150	Gasoline engine mfg.	1	53			10	282	6%	
151	Grocery (retail)	1	4	3		10	308		
152	Grocery (wholesale)	1	3	1		12	310		
153	Grocery (wholesale)	1				10	310		
154	Kindlingwood mfg.	1	1	4		10	175	25%	
155	Laundry	1	5	30		10	310		
156	Locks and hardware mfg.	1	95	17	7	10	259		
157	Lumber (wholes. and ret.)	1	68			8-10	300	5%	
158	Lumber jobbing	1	102			10	145	10%	
159	Meats and provisions	1				10	310		
160	Milling and feed	1	5			11	300		
161	Oil products	1				10	310		
162	Overalls mfg.	1	1	69	3	9	300		
163	Petticoats mfg.	1		47		9	300		
164	Printing and binding	1	10	4		10	310	15%	
165	Publishing daily paper	1	12			8	312		
166	Railway repair shops	1	448			8	299		
167	Saddlery goods and hardware jobbers	1	83	3		10	300		
168	Sash and door mfg.	1	125			10	310		
169	Sash, door and blind mfg.	1	249		21	10	281	10%	
170	Spring beds mfg.	1	14		8	10	305		
171	Steel bridges & struct. iron	1	61			10	309	10%	
172	Telephone exchange	1	13	28		9	365		
173	Wagon mfg.	1	94			10	276		
174	Wrapping paper mfg.	1	21	5		11	280	6%	

CRAWFORD

175	Brick mfg.	1	6		2	10	182		
176	Telephone exchange	1	1	4		9	365		

(CONTINUED).

COUNTY.

Total amount paid in wages during 1907: Adult Males	Adult females	Children under 16	Total	Superintendents, managers, clerks and other salaried employes: Number: Men	Number: Women	Total amount paid in salaries during the year 1907: Men	Women	Total	Marginal Number
$ 13,500.00			$ 13,500.00	2		$ 2,500.00		$ 2,500.00	132
3,780.00			3,780.00		1		$ 540.00	540.00	133

COUNTY.

$ 5,746.00			$ 5,746.00	1	1	$ 728.00	$ 390.00	$ 1,118.00	134
23,744.21			23,744.21	2	1	5,640.00	840.00	6,480.00	135
40,000.00			40,000.00	2	2	2,500.00	840.00	3,340.00	136
13,782.45			13,782.45	7		9,496.00		9,496.00	137
2,182.65			2,182.65	1		900.00		900.00	138
2,520.00			2,520.00						139
4,714.00			4,714.00	2	1	1,560.00	300.00	1,860.00	140
2,150.00	2,159.00	450.00	4,768.00	4	1	3,900.00	312.00	4,212.00	141
25,190.00	3,000.00	1,800.00	27,990.00	12	3	19,261.00	1,404.00	20,665.00	142
16,668.25			16,668.25	3	1	7,700.00	480.00	8,180.00	143
10,050.00	7,250.00		17,300.00	5		9,300.00		9,300.00	144
2,772.00	4,968.00		7,740.00	2		5,000.00		5,000.00	145
6,604.00			6,604.00						146
30,000.00			30,000.00						147
17,520.80			**17,520.80**	**2**	**1**	**1,100.00**	**600.00**	**1,700.00**	**148**
9,571.55	507.00		10,078.55	2					149
28,135.89			28,135.89	8	1	6,660.00	360.00	7,020.00	150
2,652.00	572.00		3,224.00						151
6,222.00	416.00		6,638.00						152
				11		14,000.00		14,000.00	153
2,709.11	989.93		3,698.04	2		1,500.00		1,500.00	154
2,288.00	7,212.00		9,500.00						155
51,640.86	2,902.31	1,219.22	55,762.39	4	1	4,532.50	240.00	4,772.50	156
32,000.00			32,000.00	3		4,200.00		4,200.00	157
61,240.67			61,240.67	5	1	9,460.00	600.00	10,060.00	158
				5		4,985.92		4,985.92	159
3,000.00			3,000.00						160
				4	1	3,660.00	540.00	4,200.00	161
546.00	14,321.00	624.00	15,391.00						162
	12,000.00		12,000.00	10	2	13,450.00	1,560.00	15,010.00	163
4,821.80	900.00		5,721.80	2	1	3,000.00	450.00	3,450.00	164
8,840.00			8,840.00	7	3	6,900.00	1,320.00	8,220.00	165
292,931.76			292,931.76	25	1	23,911.39	300.00	24,211.39	166
42,819.33	842.42		43,661.75	7	2	9,300.00	1,350.00	10,650.00	167
60,002.52			60,002.52	13		8,940.00		8,940.00	168
136,758.87		3,948.00	140,706.87	23	4	34,272.10	1,980.00	36,252.10	169
5,664.43		1,891.47	7,555.90		1		480.00	480.00	170
34,188.60			34,188.60	8	2	16,740.00	832.00	17,572.00	171
10,387.00	12,417.00		22,804.00	6	1	2,700.00	377.00	3,077.00	172
64,147.65			64,147.65	11	2	11,425.00	850.00	12,275.00	173
12,124.00	1,306.66		13,430.66	12	2	11,890.00	520.00	12,410.00	174

COUNTY.

$ 3,336.00		$ 300.00	$ 3,636.00						175
670.00	864.00		1,534.00	1		660.00		660.00	176

TABLE No. 1—

DALLAS

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907			Hrs. w'rked per day	Days in operation during 1907	Change in wages in per cent for year 1907	
			Adult males	Adult females	Children under 16			Per cent of increase	Per cent of decrease
177	Brick and tile mfg.	1	17			10	310	10%	
178	Brick and tile mfg.	1	42			10	118	8%	
179	Brick and tile mfg.	1	4			10	200	16%	
180	Cotton flannel goods and mitten mfg.	1	1	20		9-10	280	10%	
181	Flour milling	1	6			10	365		
182	Laundry	1	4	4		10	310		
183	Light and heat mfg.	1	9			12	365		

DAVIS

184	Cigar mfg.	1	5			10	313		
185	Newspaper and printing	1	4			9	310	10%	
186	Newspaper publishing and printing	1	2	3		9	312		

DECATUR

187	General produce	1	42	5		10	313		
188	Pub. books and papers	1	10	11		9	311		

DES MOINES

189	Bakery	1	12	2		10	310		
190	Baskets mfg.	1	56	31		10	289		
191	Box and crate mfg.	1	10			10	305		
192	Brick and tile mfg.	1	6			10	300		
193	Broom mfg.	1	6	1	1	10	300		
194	Buggy mfg.	1	90			10	310		
195	Butter and eggs (wholes.)	1	9	1		10	310		
196	Cigar mfg.	1	5			8	317		
197	Cigar mfg.	1	79	16		8	303		
198	Confectionery mfg.	1	6	29		10	300	2%	
199	Rug mfg.	1	5	3		10	310		
200	Clothing (retail)	1	9			10	310		
201	Drugs	1	9			10	310	5%	
202	Drugs (wholesale)	1	32	4		10	313		
203	Dry goods	1	3	2		9½	310		
204	Dry goods (retail)	1	38	16		9½	310		
205	Dry goods (retail)	1	25	51		10	310		
206	Office desk mfg.	1	134			10	310	12½%	
207	Farm wagons mfg.	1	23	1		9	283		
208	Farm wagons mfg.	1	60			10	305		
209	Flour mfg.	1	47			10	310		
210	Foundry and mach. shops	1	438			10	306		
211	Furniture and carpets	1	6			10	310		
212	Furniture mfg.	1	102			10	290		
213	Furniture mfg.	1	197	17	4	10	310		
214	Gas mfg.	1	56			10	365		
215	Grocery (wholesale)	1	17			9	310		
216	Grocery (wholesale)	1	45	7	1	9½	305		
217	Hardware (wholesale)	1	14			10	313	10%	
218	Hardware (wholesale)	1	6			10	316	10%	
219	Hardware and tin shop	1	5			9	300		

(CONTINUED).

COUNTY.

Total amount paid in wages during 1907				Superintendents, managers, clerks and other salaried employes					Marginal Number
Adult Males	Adult females	Children under 16	Total	Number		Total amount paid in salaries during the year 1907			
				Men	Women	Men	Women	Total	
$ 10,252.95			$ 10,252.95	3		$ 2,700.00		$ 2,700.00	177
5,653.20			5,653.20	3		650.00		650.00	178
2,000.00			2,000.00						179
520.00	3,600.00		4,120.00						180
3,600.00			3,600.00	1		1,200.00		1,200.00	181
1,600.00	1,000.00		2,600.00						182
5,340.00			5,340.00	1		840.00		840.00	183

COUNTY.

$ 2,472.20			$ 2,472.20						184
1,662.00			1,662.00	1		480.00		480.00	185
780.00	520.00		1,300.00						186

COUNTY.

$ 30,850.00	$ 1,875.00		$ 32,725.00	2	1	2,040.00	312.00	2,352.00	187
9,912.72	4,004.00		13,916.72	1		780.00		780.00	188

COUNTY.

$ 5,200.00	$ 520.00		$ 5,720.00						189
18,939.15	9,861.53		28,800.68	7	1	$ 5,520.00	360.00	5,880.00	190
5,200.00			5,200.00						191
2,000.00			2,000.00						192
2,847.89	168.00	52.50	3,068.39	1		480.00		480.00	193
12,777.95			12,777.95	2	2	4,800.00	700.00	5,500.00	194
5,314.31	316.55		5,630.86	2	1	3,000.00	384.00	3,384.00	195
2,400.00			2,400.00						196
58,300.00	4,043.40		62,343.40	8		7,100.00		7,100.00	197
4,300.00	7,500.00		11,800.00	6	3	4,850.00	1,750.00	6,600.00	198
2,574.00	832.00		3,406.00						199
5,764.00			5,764.00	7		5,300.00		5,300.00	200
5,000.00			5,000.00						201
28,700.00	1,000.00		29,700.00	3		9,500.00		9,500.00	202
1,900.00	525.00		2,425.00	3	2	1,900.00	525.00	2,425.00	203
25,980.00	6,050.00		32,030.00						204
16,885.18	14,774.50		31,659.68	1		2,500.00		2,500.00	205
63,400.00			63,400.00	5	1	7,500.00	430.00	7,930.00	206
11,000.00	330.00		11,330.00	2		2,200.00		2,200.00	207
25,000.00			25,000.00						208
27,500.00			27,500.00	3	3	10,980.00	1,500.00	12,480.00	209
300,000.00			300,000.00	10	3	18,716.00	1,486.00	20,202.00	210
4,221.00			4,221.00	9		8,457.00		8,457.00	211
49,406.45			49,406.45	5	3	6,600.00	1,196.00	7,796.00	212
86,221.33	7,682.74	624.81	94,528.88	55		43,844.49		43,844.49	213
15,654.55			15,654.55	9		8,731.00		8,731.00	214
10,0000.00			10,000.00	20		16,000.00		16,000.00	215
20,988.00	1,440.00	240.00	22,668.00	42	7	33,960.00	2,880.00	36,840.00	216
10,400.00			10,400.00	19	4	16,095.00	1,503.00	17,598.00	217
3,304.80			3,304.80	11	2	9,360.00	1,460.00	10,820.00	218
3,273.54			3,273.54	2		1,628.00		1,628.00	219

TABLE No. 1—

DES MOINES

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907: Adult males	Adult females	Children under 16	Hrs. w'rked per day	Days in operation during 1907	Change in wages in per cent for year 1907: Per cent of increase	Per cent of decrease
220	Monuments mfg.	1	9			8	312		
221	Monuments mfg.	1	54			8	310		
222	Oil products	1				10	310		
223	Overall and shirt mfg.	1	8	42		9-10	300		
224	Paper box mfg.	1	4	50	4	10	307		
225	Pipe organ mfg.	1	5			9-10	295		
226	Printers and book mfg.	1*	14	5	2	8-9	310	20%	
227	Produce (wholesale)	1	23			10	310		
228	Pub. daily news paper	1					313		
229	Pub. newspaper	1	10		35	8	309		
230	Railroad repair shops	1	607			10	307	119-10%	
231	Saddlery mfg.	1	65	1		9½	310		
232	Sash and door mfg.	1	32			9-10	310		
233	Soap mfg.	1	25	29	8	9	307		
234	Soap mfg.	1	10	3		9	310		
235	Tailoring	1	9	1		8	310		
236	Tea and coffee (retail)	1	n	n	n	n	n		
237	Telephone	1	9	48	23		365	10%	

DICKINSON

238	Hotel	1	5	10		14	365		

DUBUQUE

239	Bakery	1	6	1		10	317		
240	Bakery	1							
241	Bakery	1	10			10	310		
242	Bakery and grocery	1	8	2		10	313		
243	Boat and boiler mfg.	1	104			10	310	10%	
244	Boiler and tank mfg.	1	6			10	300		
245	Box and crate mfg.	1	31			10	308	12%	
246	Brewing	1	23			9	310	8 9-10%	
247	Brewers	1	120	27		9	313	20%	
248	Brick and tile	1	5			10	132	10%	
249	Brick mfg	1	30			10	155		
250	Broom mfg.	1	11	2	1	9	296	2%	
251	Casket mfg.	1	10	2		9	300	10%	
252	Casket mfg.	1	7	1	1	9	284		
253	Church furniture mfg.	1	56			10	310	10%	
254	Cigar mfg.	1	4	104	9	8½	293		
255	Cigar mfg.	1	13	4		8	312		
256	Clothing (retail)	1				10	310		
257	Clothing (retail)	1	5			10	310		
258	Coffee and teas (wholes.)	1	8	3		10	308	11%	
259	Confectionery mfg.	1	18	39	4	10	300		
260	Drugs (wholesale)	1	18			10	310		
261	Dry goods (retail)	1	15	51		9½	305		
262	Dry goods (retail)	1	5	96	18	10	310		
263	Excelsior mfg.	1	4			10	290		
264	Foundry and mach. shop	1	170			10	305		
265	Funeral supplies mfg.	1	66	15		10	300	10%	
266	Furnishing goods mfg.	1	7	79	9	8	310		
267	Furniture mfg.	1	39			10	300	10%	
268	Furniture mfg.	1	50			10	310		
269	Gas and steam piping	1	219	19		10	301	58%	
270	General merchandise	1	20	55		10	310		

(CONTINUED).

COUNTY—Continued

Total amount paid in wages during 1907: Adult Males	Adult females	Children under 16	Total	Superintendents, managers, clerks and other salaried employes: Number: Men	Number: Women	Total amount paid in salaries during the year 1907: Men	Women	Total	Marginal Number
6,916.00			6,916.00						220
35,100.00			35,100.00	3		3,120.00		3,120.00	221
				5	1	3,624.00	480.00	4,104.00	222
1,837.00	10,799.60		12,636.60	1		1,200.00		1,200.00	223
1,560.00	8,150.00	850.00	10,560.00	3	1	3,000.00	480.00	3,480.00	224
3,323.63			3,323.63						225
8,578.25	1,094.35	281.40	9,954.00	4		6,000.00		6,000.00	226
12,025.00			12,025.00	2		3,600.00		3,600.00	227
				31	5	28,378.00	1,742.00	30,120.00	228
9,580.00		6,240.00	15,820.00	10	2	6,942.00	1,040.00	7,982.00	229
432,065.40			432,065.40	52	1	47,995.98	182.50	48,178.48	230
35,000.00	300.00		35,300.00	39		28,768.00		28,768.00	231
12,000.00			12,000.00						232
10,942.00	4,290.00	724.00	15,956.00	33	4	18,338.79	1,302.60	19,641.39	233
5,200.00	1,200.00		6,400.00	6	1	5,100.00	360.00	5,460.00	234
6,254.00	254.00		6,508.00						235
n	n	n	n	8	2	5,200.00	468.00	5,668.00	236
28,000.00	9,720.00		37,720.00	4	2	2,745.00	460.00	3,205.00	237

COUNTY.

$ 1,800.00	$ 2,400.00		$ 4,200.00						238

COUNTY.

$ 3,796.00	$ 260.00		$ 4,056.00	3	5	$ 2,350.00	$ 1,300.00	$ 3,650.00	239
				3		2,320.00		2,320.00	240
5,824.00			5,824.00	6	2	4,254.00	520.00	4,774.00	241
5,356.00	884.00		6,240.00						242
36,946.00			36,946.00	4	1	4,100.00	500.00	4,600.00	243
3,532.90			3,532.90	1		1,000.00		1,000.00	244
11,068.40			11,068.40	1		500.00		500.00	245
13,268.95			13,268.95	5		3,300.00		3,300.00	246
68,950.00	7,820.00		76,770.00	26		69,709.00		69,709.00	247
3,000.00			3,000.00						248
8,000.00			8,000.00						249
7,200.00	560.00	190.00	7,950.00	1	1	900.00	260.00	1,160.00	250
3,500.00	500.00		4,000.00	1	1	1,500.00	750.00	2,250.00	251
2,117.35	119.00	198.00	2,434.35	2		1,200.00		1,200.00	252
31,339.84			31,339.84	6	2	5,340.00	960.00	6,300.00	253
4,264.00	29,640.00	1,300.00	35,204.00	5		8,040.00		8,040.00	254
8,300.00	820.00		9,120.00						255
				10	2	5,693.00	520.00	6,213.00	256
3,204.00			3,204.00						257
4,756.00	925.00		5,681.00	12	1	15,692.00	540.00	16,232.00	258
5,161.10	7,847.30	516.00	13,524.40	6	1	7,800.00	600.00	8,400.00	259
9,570.00			9,570.00	3	2	3,600.00	1,624.00	5,224.00	260
12,722.11	15,862.19		28,584.30						261
4,679.84	22,641.24	3,069.56	30,390.64	59	5	68,051.96	1,075.00	69,726.96	262
2,496.00			2,496.00	12	1	7,220.00	468.00	7,688.00	263
100,400.00			100,400.00	8	5	15,000.00	2,470.00	17,470.00	264
35,705.90	3,057.08		38,762.98	12		14,975.59		14,975.59	265
3,562.00	23,971.90	1,350.00	28,883.90	13	1	10,741.66	416.00	11,157.66	266
20,957.00			20,957.00	3		2,625.00		2,625.00	267
20,000.00			20,000.00	13		13,000.00		13,000.00	268
112,501.50	4,286.95		116,788.45	39	6	22,656.30	1,772.00	24,428.30	269
20,670.00	19,736.60		40,406.60	2		10,000.00		10,000.00	270

TABLE No. 1—

DUBUQUE

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907			Hrs. w'rked per day	Days in operation during 1907	Change in wages in per cent for year 1907	
			Adult males	Adult females	Children under 16			Per cent of increase	Per cent of decrease
271	Grocers (wholesale)	1				10	310		
272	Grocers (wholesale)	1				10	310		
273	Hardware (wholesale)	1	22			10	310		
274	Hardware (wholesale)	1	22			10	310		
275	Horse collar mfg.	1	8			10	300	7%	
276	House furnishing	1	4	1		10	310		
277	Laundry	1	6	6		9-10	310	25%	
278	Lime and stone mfg.	1	14			10	270		
279	Liquor (wholesale)	1				10	310		
280	Liquor (wholes. and ret.)	1				9	310		
281	Liquors (wholesale)	1				9	310		
282	Lumber	1	21			10	150	10%	
283	Machine shop	1	6	1		10	300		
284	Mattress and spring bed mfg.	1	37	5		10	310		
285	Mill work and boxes mfg.	1	8			9	286		
286	Music and books	1	13	8		9	300		
287	Oil products	1				10	310		
288	Planing mill	1	40			10	310	12%	
289	Pork packing	1	10			10	305		
290	Pork packing	1	20			10	300	8%	
291	Printing and binding	1	8	2		8	306	7%	
292	Printing	1	7	1		8	310	13½%	
293	Publishing newspaper	1	26		47	8	312	12%	
294	Railway repair shop	1	804			9	306	6%	
295	Roundhouse	1	73			11	305		
296	Sash and door mfg.	1	232		11	10	280	7½%	
297	Sash and door mfg.	1	271		13	10	293	9%	
298	Shirt mfg.	1	2	43		9	275		
299	Shoe mfg.	1	4	4		9-10	300		
300	Soap mfg.	1	18	7		9-10	302	11%	
301	Steam boiler mfg.	1	10			10	310		
302	Street Ry. light and power	1	141			10	365	10%	
303	Telephone	1	36	30		9	365		
304	Tent and awning mfg.	1	3	3		10	300		
305	Tobacco mfg.	1	11	25		10	310	10%	
306	Tobacco (smoking) mfg.	1		6		8	300		
307	Wire fence mfg.	1	5			10	310	10%	
308	Wood steamers mfg.	1	38			10	305		
309	Work clothing mfg.	1	27	159	6	9	289		

EMMET

310	Brick and tile mfg.	1	9			10	182	15%	
311	Publishing and printing	1	5	4		9	313		

FAYETTE

312	Brick and tile mfg.	1	17			10			
313	Cigars and job mfg.	1	5			10	296	15%	
314	Electric light and power	1	6			10	365		
315	Iron and brass foundry	1	33			10	303		
316	Maintenance of track R.R.	1	26			10	365	16 2-3%	
317	Railway repair shops	1	795	1		10	310		
318	Telephone	1	2	3		9	365		
319	Transportation, R. R.	1	35			10	365	10%	
320	Transportation, R. R.	1	89			12	365	20%	13%
321	Transportation, R. R.	1	56			11	365	7%	

(CONTINUED).

COUNTY—Continued

Total amount paid in wages during 1907				Superintendents, managers, clerks and other salaried employes					Marginal Number
Adult Males	Adult females	Children under 16	Total	Number		Total amount paid in salaries during the year 1909			
				Men	Women	Men	Women	Total	
				31	7	40,829.24	2,808.00	43,637.24	271
				20	3	22,843.28	1,720.00	24,563.28	272
19,301.12			19,301.12	2	2	4,300.00	900.00	5,200.00	273
17,408.78			17,408.78	2	4	3,900.00	1,500.00	5,400.00	274
4,787.00			4,787.00		1		250.00	250.00	275
2,498.00	208.00		2,706.00	4	1	2,444.00	208.00	2,652.00	276
2,339.00	1,734.00		4,073.00						277
8,490.65			8,490.65	3		2,715.00		2,715.00	278
				11	1	13,580.00	575.00	14,155.00	279
				7		5,700.00		5,700.00	280
				11		13,830.00		13,830.00	281
8,000.00			8,000.00	4		3,180.00		3,180.00	282
4,013.75	360.00		4,373.75						283
14,707.48	1,264.13		15,965.61	5	3	4,500.00	1,000.00	5,500.00	284
4,900.00			4,900.00						285
7,901.20	4,766.45		12,667.65	3		4,900.00		4,900.00	286
				28	2	26,719.92	1,200.00	27,919.92	287
20,206.47			20,206.47	10	1	11,080.00	720.00	11,800.00	288
5,600.00			5,600.00	3		2,800.00		2,800.00	289
11,431.83			11,431.83	3	2	4,000.00	936.00	4,936.00	290
4,160.68	673.00		4,833.68	2	1	3,000.00	572.00	3,572.00	291
3,938.81	390.00		4,328.81	2		1,872.00		1,872.00	292
19,171.55		3,277.55	22,449.10	13	9	11,258.00	3,068.00	14,326.00	293
526,966.29			526,966.29	17		20,040.00		20,040.00	294
59,701.80			59,701.80	5		4,380.00		4,380.00	295
132,135.00		2,475.00	134,610.00	26	7	38,521.00	2,940.00	41,461.00	296
136,722.60		2,620.80	139,343.40	21	4	27,249.40	1,444.00	29,193.40	297
1,014.00	8,483.00		9,497.00						298
2,200.00	1,300.00		3,500.00	1		1,500.00		1,500.00	299
9,270.00	1,840.00		11,016.00	9	1	8,760.00	380.00	9,140.00	300
5,835.70			5,835.70	1		1,000.00		1,000.00	301
90,714.00			90,714.00	13	3	11,660.00	2,370.00	14,030.00	302
26,422.00	10,254.00		36,676.00	6	1	3,431.00	420.00	3,851.00	303
1,672.00	650.00		2,322.00						304
5,678.21	4,602.10		10,280.31	7		6,070.00		6,070.00	305
	1,570.00		1,570.00	1		700.00		700.00	306
3,000.00			3,000.00						307
15,980.00			15,980.00	6	1	4,678.00	360.00	5,038.00	308
9,854.00	54,060.00	1,040.00	64,954.00	6		8,700.00		8,700.00	309

COUNTY.

$ 4,730.00			$ 4,730.00	1		$ 800.00		$ 800.00	310
2,700.00	750.00		$ 3,450.00	2		5,500.00		5,500.00	311

COUNTY.

$ 7,048.28			$ 7,048.28						312
2,300.00			2,300.00						313
4,320.00			4,320.00						314
22,432.00			22,432.00	4		4,240.00		4,240.00	315
12,824.70			12,824.70	3		1,883.70		1,883.70	316
470,730.00	600.00		471,330.00	28		26,640.00		26,640.00	317
1,025.00	648.00		1,673.00	1		900.00		900.00	318
25,397.85			25,397.85	1		1,020.00		1,020.00	319
80,403.25			80,403.25	13		9,316.30		9,316.30	320
42,061.80			42,061.80	36		22,974.75		22,974.75	321

TABLE No. 1—(CONTINUED).

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907			Hrs. w'rked per day	Days in operation during 1907	Change in wages in per cent for year 1907	
			Adult males	Adult females	Children under 16			Per cent of increase	Per cent of decrease
	FLOYD COUNTY.								
322	Brick and tile mfg.	1	6			10	206		
323	Disc harrow mfg.	1	9			10	310	20%	
324	Electric light and power	1	4			10	313	12%	
325	Gasoline engine mfg.	1	218			10	309		
326	Laundry	1	2	7		10	311		
327	Publishing	1	5	5		10	312	10%	
328	Transportation	1	4			12	365		
	FRANKLIN COUNTY.								
329	Cigar mfg.	1	4			8	305		
330	Concrete block mfg.	1	8			10	300	20%	
331	Telephone	1	1	3		9	365		
	FREMONT COUNTY.								
332	Milling and grain	1	3			10			
	GREENE COUNTY.								
333	Flour, milling and grain	1	4			11	310		
334	Hotel	1	1			12	365		
335	Laundry	1	3	4		10	310		
336	Poultry, butter and eggs	1	10			10	310		
337	Wire and iron goods mfg.	1	12	1		10	312		
	GUTHRIE COUNTY.								
338	Brick and tile mfg.	1	8			10	286		
339	Cigar mfg.	1	7	1	2	8	310		
	HAMILTON COUNTY.								
340	Brick and tile mfg.	1	5			10	165		
341	Butter, eggs and poultry	1	9			10	310		
342	Curry comb mfg.	1	3	3		10	310		
343	Electric light and power	1	7			11	365		
344	Publishing newspaper	1	5			9	310		
345	Thresher screen mfg.	1	19			10	300		
	HANCOCK COUNTY.								
346	Publishing newspaper	1	2	1		11	310		
347	Publishing newspaper	1	3	1		10	310		

Marginal Number	Total amount paid in wages during 1907				Superintendents, managers, clerks and other salaried employes				
	Adult Males	Adult females	Children under 16	Total	Number		Total amount paid in salaries during the year 1907		
					Men	Women	Men	Women	Total
	FLOYD COUNTY.								
322	1,690.50			1,690.50					
323	4,347.44			4,347.44					
324	124,829.09			124,829.09	2		1,320.00		1,320.00
325	1,404.00	2,184.00		3,588.00	21	3	26,618.23	1,768.00	28,386.23
326	2,350.00	1,560.00		3,910.00	1		780.00		780.00
327	2,706.00			2,706.00					
328									
	FRANKLIN COUNTY.								
329	$ 2,600.00			$ 2,600.00					
330	4,000.00			4,000.00	2		$ 1,550.00		$ 1,550.00
331	*270.00	735.00		1,005.00	1		622.00		622.00
	FREMONT COUNTY.								
332	$ 1,600.00			$ 1,600.00	2		$ 2,000.00		$ 2,000.00
	GREENE COUNTY.								
333	$ 2,450.00			$ 2,450.00	1		$ 900.00		$ 900.00
334	520.00			520.00		6		2,940.00	2,940.00
335	1,320.00	800.00		2,120.00					
336	3,649.00			3,649.00	2		2,005.00		2,005.00
337	5,282.25	71.95		5,354.20					
	GUTHRIE COUNTY.								
338	$ 2,911.87			$ 2,911.87					
339	3,740.00	312.00	364.00	4,416.00					
	HAMILTON COUNTY.								
340	$ 1,212.48			$ 1,212.48					
341	4,500.00			4,500.00					
342	2,170.00	900.00		3,070.00	1		$ 1,800.00		$ 1,800.00
343	4,261.00			4,261.00	2		2,100.00		2,100.00
344	3,038.00			3,038.00	3	1	2,830.00	364.00	3,224.00
345	10,539.00			10,539.00	3	3	3,000.00	950.00	3,950.00
	HANCOCK COUNTY.								
346	$ 597.20	$ 29.60		$ 626.80					
347	2,000.00	200.00		2,200.00					

*Six months.

TABLE No. 1—

HARDIN

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907			Hrs. worked per day	Days in operation during 1907	Change in wages in per cent for year 1907	
			Adult males	Adult females	Children under 16			Per cent of increase	Per cent of decrease
347	Telephone	1	2	5	.....	9	365	.....	.....
353	Tile mfg.	1	26	.....	.....	10	312	.....	.....
351	Railroad	1	80	.....	.....	10	365	.....	.....
348	Brick and tile mfg.	1	8	.....	.....	10	250	25%	.....
349	Brick and tile	1	8	.....	.....	10	210	.....	.....
350	General merchandise	1	12	4	.....	10	310	.....	.....

HARRISON

355	Flour and feed mfg.	1	4	.....	.....	10	304	10%	.....
356	Railroad repair shop	1	368	.....	.....	8	365	.....	.....

HENRY

357	Brick and tile mfg.	1	9	.....	.....	10	250	12%	.....
358	Electric light & water wks.	1	5	1	.....	10	365	.....	.....

HOWARD

359	Stump puller mfg.	1	9	.....	.....	10	310	.....	.....
360	Telephone condensers mfg.	1	3	1	.....	10	310	.....	.....
361	Upholstering tow mfg.	1	10	.....	.....	10	152	.....	.....

HUMBOLDT

362	Brick and tile mfg.	1	8	.....	.....	10	220	.....	.....

IDA

363	Flour milling	1	3	.....	.....	11	300	.....	.....

IOWA

364	Calico print works	1	6	.....	.....	8	306	.....	.....
365	Grist milling	1	5	.....	.....	11	300	.....	.....
366	Woolens mfg.	1	25	.....	.....	8	306	.....	.....

JACKSON

367	Beer mfg.	1	10	.....	.....	11	310	.....	.....
368	Button blanks	1	53	.....	.....	10	300	.....	.....
369	Lime mfg.	1	50	.....	.....	10	260	7%	.....
370	Lime mfg.	1	5	.....	.....	10	200	7%	.....
371	Lumber mfg.	1	58	.....	.....	10	118	.....	.....
372	Telephone	1	1	4	.....	9	365	.....	.....
373	Water tanks and pumps	1	4	.....	.....	9½	310	.....	.....

(CONTINUED).

COUNTY.

Total amount paid in wages during 1907				Superintendents, managers, clerks and other salaried employes					Marginal Number
Adult Males	Adult females	Children under 19	Total	Number		Total amount paid in salaries during the year 1907			
				Men	Women	Men	Women	Total	
$ 3,000.00	.....	.....	$ 3,000.00	.....	.....	.....	.....	.....	349
3,280.00	.....	.....	3,280.00	.....	.....	.....	.....	.....	349
7,300.00	1,260.00	.....	8,560.00	.....	.....	.....	.....	.....	350
56,996.68	.....	.....	56,996.68	8	1	$ 9,287.40	$ 540.00	$ 9,827.40	351
1,497.00	1,329.00	.....	2,826.00	1	.....	585.00	.....	585.00	352
11,000.00	.....	.....	11,000.00	1	.....	2,400.00	.....	2,400.00	353

COUNTY.

$ 2,340.00	.....	.....	$ 2,340.00	3	.....	2,260.00	.....	2,260.00	355
178,962.85	.....	.....	178,962.85	24	.....	23,223.96	.....	23,223.96	356

COUNTY.

$ 5,200.00	.....	.....	$ 5,200.00	.....	.....	.....	.....	.....	357
3,000.00	300.00	.....	3,300.00	.....	.....	.....	.....	.....	358

COUNTY.

$ 4,436.00	.....	.....	$ 4,436.00	.....	1	.....	312.00	312.00	359
1,438.65	172.47	.....	1,611.12	.....	.....	.....	.....	.....	360
2,600.00	.....	.....	2,600.00	1	.....	600.00	.....	600.00	361

COUNTY.

4,821.49	.....	.....	4,821.49	1	.....	780.00	.....	780.00	362

COUNTY.

$ 2,000.00	.....	.....	$ 2,000.00	1	.....	$ 720.00	.....	$ 720.00	363

COUNTY.

$ 2,100.00	.....	.....	$ 2,100.00	.....	.....	.....	.....	.....	364
2,026.00	.....	.....	2,026.00	.....	.....	.....	.....	.....	365
8,125.00	.....	.....	8,125.00	.....	.....	.....	.....	.....	366

COUNTY.

$ 4,800.00	.....	.....	$ 4,800.00	2	.....	$ 2,500.00	.....	$ 2,500.00	367
23,006.99	.....	.....	23,006.99	8	.....	3,155.26	.....	3,155.26	368
25,725.00	.....	.....	25,725.00	5	.....	5,550.00	.....	5,550.00	369
1,912.00	.....	.....	1,912.00	.....	.....	.....	.....	.....	370
26,450.00	.....	.....	26,450.00	2	.....	2,000.00	.....	2,000.00	371
755.00	985.00	.....	1,740.00	1	.....	600.00	.....	600.00	372
1,288.55	.....	.....	1,288.55	2	.....	1,950.00	.....	1,950.00	373

TABLE No. 1—

JASPER

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907: Adult males	Adult females	Children under 16	Hrs. wrked per day	Days in operation during 1907	Change in wages in per cent for year 1907: Per cent of increase	Per cent of decrease
374	Agricultural imp. mfg.	1	33			10	310	10%	
375	Bottling mineral water	1	3			9	310	16%	
376	Bottling mineral water	1	4			9	310	10%	
377	Excavating mach. mfg.	1	17			10	310		
378	Excavating mach. mfg.	1	20			10	310		
379	Laundry	1	3	1		10	309	15%	
380	Laundry	1	2	7		10	310		
381	Milling (flour)	1	3			10	300	10%	
382	Potato digger mfg.	1	23			9	275		
383	Threshing machine mfg.	1	117			10	310	10%	

JEFFERSON

384	Brick and tile mfg.	1	6	1		10	130		
385	Brick and tile mfg.	1	20			10	300		
386	Gas and electric light	1	6	1		10	365		
387	Machinery mfg.	1	40			10	310		
388	Malleable iron mfg.	1	125	2		10	300		
389	Publishing and printing	1	7	2		10	310		
390	Rug mfg.	1	3	2		10	312		
391	Tile mfg.	1	6			10	260		

JOHNSON

392	Bakery	1	4	2		10	310		
393	Beer mfg.	1	12			10	310		
394	Beer mfg.	1	25			10	300		
395	Brick and tile mfg.	1	9			9	182		
396	Brick mfg.	1	7			9	155		
397	Cigar mfg.	1	5	1		8	300		
398	Clothing and tailoring	1	6	1		8–10	310		
399	Extracts and spice mfg.	1	2	5		9½	310		
400	Foundry and iron works	1	5			8½	310	10%	
401	Gas and coke	1	13			10	310		
402	Grocery (wholesale)	1	6	1		10	310		
403	Jewelry mfg.	1	48	19	1	9	300		
404	Jewelry mfg.	1	4	15		9	294	5%	
405	Lumber mfg.	1	16			10	308	12½%	
406	Machinery mfg.	1	40			9	283	20%	
407	Milling (flour)	1	7			10	234	5%	
408	Mittens and gloves mfg.	1	5	7		8	294		
409	Perfume and toilet article mfg.	1	3	7		9–10	310		
410	Planing mill	1	35			9	309		
411	Printing and advertising	1	17	22		9	306		
412	Printing and publishing	1	5	1	10	9	309	4%	
413	Selling merchandise	1	5	1		10	310		
414	Telephone	1	7	20		9	295		

(CONTINUED).

COUNTY.

Marginal Number	Total amount paid in wages during 1907: Adult Males	Adult females	Children under 16	Total	Superintendents, managers, clerks and other salaried employes: Number: Men	Number: Women	Total amount paid in salaries during the year 1907: Men	Women	Total	Marginal Number
374	$ 23,000.00			$ 23,000.00	8	1	$ 8,700.00	$ 600.00	$ 9,300.00	374
375	1,700.00			1,700.00	1	1	600.00	275.00	875.00	375
376	2,840.00			2,840.00	2		1,200.00		1,200.00	376
377	11,331.94			11,331.94	1		1,000.00		1,000.00	377
378	10,800.00			10,800.00	4		5,391.80		5,391.80	378
379	1,440.00	552.00		1,992.00						379
380	1,300.00	2,300.00		3,600.00						380
381	2,000.00			2,000.00						381
382	11,300.00			11,300.00	2		2,340.00		2,340.00	382
383	75,000.00			75,000.00	18	2	18,000.00	1,200.00	19,200.00	383

COUNTY.

384	$ 3,000.00	$ 450.00		$ 3,450.00	11		$ 3,450.00		$ 3,450.00	384
385	7,555.60			7,555.60	1		600.00		600.00	385
386	3,547.69	100.00		3,647.69						386
387	20,120.05			20,120.05	9	3	10,248.00	1,500.00	11,748.00	387
388	74,250.00	750.00		75,000.00	5		5,000.00		5,000.00	388
389	3,588.00	364.00		3,952.00						389
390	1,144.00	364.00		1,508.00		1		260.00	260.00	390
391	2,000.00			2,000.00						391

COUNTY.

392	$ 1,940.00	$ 620.00		$ 2,560.00						392
393	12,800.00			12,800.00	15		11,800.00		11,800.00	393
394	15,000.00			15,000.00	4		6,400.00		6,400.00	394
395	3,000.00			3,000.00						395
396	1,800.00			1,800.00						396
397	4,000.00	200.00		4,200.00						397
398	4,200.00	300.00		4,500.00	8		5,440.00		5,440.00	398
399	620.00	1,225.00		1,845.00	4	4	2,880.00	1,700.00	4,580.00	399
400	4,000.00			4,000.00						400
401	9,000.00			9,000.00	13		9,800.00		9,800.00	401
402	5,520.00	600.00		6,120.00	2		3,600.00		3,600.00	402
403	24,814.47	4,379.03	62.25	29,255.75	3		4,444.00		4,444.00	403
404	1,758.00	4,875.00		6,633.00	5		4,760.00		4,760.00	404
405	9,600.00			9,600.00	1	1	540.00	480.00	1,020.00	405
406	25,497.75			25,497.75	9		8,700.00		8,700.00	406
407	5,580.00			5,580.00						407
408	1,548.00	2,358.00		3,906.00	4	1	2,238.00	450.00	2,688.00	408
409	1,622.15	1,895.21		3,517.36	3	2	3,400.00	1,080.00	4,480.00	409
410	8,000.00			8,000.00						410
411	15,830.00	9,926.80		25,756.80	6	3	7,500.00	1,560.00	9,060.00	411
412	3,120.00	520.00	520.00	4,160.00	4	1	3,580.00	520.00	4,100.00	412
413	2,750.00	450.00		3,200.00						413
414	5,099.00	3,090.00		8,189.00	3		1,020.00		1,020.00	414

TABLE No. 1—

JONES

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907			Hrs. worked per day	Days in operation during 1907	Change in wages in per cent for year 1907	
			Adult males	Adult females	Children under 16			Per cent of increase	Per cent of decrease
415	Brick and tile mfg.	1	5	-------	-------	10	180	-------	-------
416	Butter tub mfg.	1	30	-------	-------	9	300	-------	-------
417	Feather and wool duster mfg.	1	28	48	-------	10	300	-------	-------
418	Printing and binding	1	19	7	2	8	310	-------	-------
419	Stone quarry	1	16	-------	-------	10	260	-------	-------
420	Telephone	1	2	5	-------	9	365	-------	-------
421	Tile spade mfg.	1	4	-------	-------	10	303	-------	-------

KEOKUK

422	Brick mfg.	1	5	-------	-------	10	174	33 1-3%	-------
423	Brick and tile mfg.	1	7	-------	-------	10	182	-------	-------
424	Brick and tile mfg.	1	13	-------	-------	10	280	-------	-------

KOSSUTH

425	Butter tub mfg.	1	28	1	-------	9-10	280	10%	-------
426	Cigar mfg.	1	6	-------	-------	8	310	-------	-------
427	Electric light	1	5	-------	-------	12	365	-------	-------
428	Harrow mfg.	1	5	-------	-------	10	300	-------	-------

LEE

429	Agricultural imp. mfg.	1	177	-------	-------	10	294	-------	-------
430	Blasting powder mfg.	1	131	-------	-------	10	298	-------	-------
431	Brewing and beer mfg.	1	12	-------	-------	10	365	-------	-------
432	Brick mfg.	1	10	-------	-------	9	130	-------	-------
433	Button blank mfg.	1	15	-------	-------	9	246	-------	-------
434	Button blank mfg.	1	41	-------	-------	10	310	-------	-------
435	Cooperage mfg.	1	14	-------	-------	9	310	-------	-------
436	Cooperage mfg.	1	43	-------	-------	10	250	10%	-------
437	Dry goods	1	4	11	-------	10	300	-------	-------
438	Dry goods (retail)	1	3	6	-------	9½	310	-------	-------
439	Dry goods (retail)	1	7	1	-------	10	300	-------	-------
440	Dry goods (retail)	1	4	16	1	9-9½	310	5%	-------
441	Electric light and power	1	5	-------	-------	12	365	-------	-------
442	Electricity (railway)	1	29	-------	-------	10-12	365	7%	-------
443	Foundry	1	29	-------	-------	10	299	-------	-------
444	Foundry	1	22	-------	-------	9½	303	-------	-------
445	Fruits and vegetables (wholesale)	1	14	-------	-------	10	310	10%	-------
446	Furniture mfg.	1	6	-------	-------	10	310	-------	-------
447	Gas and light mfg.	1	8	-------	-------	10-12	365	2%	-------
448	Gas mfg.	1	12	1	-------	8-10	365	9%	-------
449	Grit for chickens mfg.	1	6	-------	-------	10	365	-------	-------
450	Grocers (wholesale)	1	50	29	-------	10	310	10%	-------
451	Grocers (wholesale)	1	18	-------	-------	10	313	-------	-------
452	Grocers (wholesale)	1	16	-------	-------	10	310	5%	-------
453	Grocery (wholesale)	1	14	-------	-------	10	310	-------	-------
454	Hardware mfg.	1	8	3	-------	10	310	5%	-------
455	Hotel	1	16	14	-------	12	365	-------	-------
456	Hotel	1	4	8	-------	12	365	-------	-------
457	Hotel	1	4	10	-------	10	365	-------	-------

(CONTINUED).

COUNTY.

Total amoont paid in wages during 1907				Superintendents, managers, clerks and other salaried employes					Marginal Number
				Number		Total amount paid in salaries during the year 1907			
Adult Males	Adult females	Children under 16	Total	Men	Women	Men	Women	Total	
$ 2,024.05	-------	-------	$ 2,024.05	-------	-------	-------	-------	-------	415
9,220.00	-------	-------	9,220.00	3	-------	$ 3,000.00	-------	$ 3,000.00	416
7,000.00	$12,250.00	-------	19,250.00	7	2	3,900.00	700.00	4,600.00	417
11,300.00	2,025.00	170.00	13,495.00	3	3	4,500.00	1,248.00	5,748.00	418
7,104.15	-------	-------	7,104.15	1	-------	1,200.00	-------	1,200.00	419
1,320.00	947.00	-------	2,267.00	1	-------	780.00	-------	780.00	420
2,652.00	-------	-------	2,652.00	1	-------	1,000.00	-------	1,000.00	421

COUNTY.

$ 1,791.81	-------	$ 81.80	$ 1,873.61	1	-------	$ 75.00	-------	$ 75.00	422
2,240.00	-------	-------	2,240.00	-------	-------	-------	-------	-------	423
6,740.00	-------	-------	6,740.00	1	-------	750.00	-------	750.00	424

COUNTY.

$ 15,210.00	$ 520.00	-------	$ 15,730.00	2	-------	$ 2,000.00	-------	$ 2,000.00	425
2,676.00	-------	-------	2,676.00	-------	-------	-------	-------	-------	426
3,600.00	-------	-------	3,600.00	-------	-------	-------	-------	-------	427
2,500.00	-------	-------	2,500.00	-------	-------	-------	-------	-------	428

COUNTY.

$ 52,100.00	-------	-------	$ 52,100.00	19	-------	$ 25,312.00	-------	$ 25,312.00	429
82,106.36	-------	-------	82,106.36	-------	-------	-------	-------	-------	430
7,870.00	-------	-------	7,870.00	3	-------	4,500.00	-------	4,500.00	431
2,354.00	-------	-------	2,354.00	-------	-------	-------	-------	-------	432
4,612.29	-------	-------	4,612.29	-------	-------	-------	-------	-------	433
23,000.00	-------	-------	23,000.00	5	-------	4,138.00	-------	4,138.00	434
6,000.00	-------	-------	6,000.00	-------	-------	-------	-------	-------	435
16,363.22	-------	-------	16,363.22	1	-------	1,300.00	-------	1,300.00	436
2,800.00	2,677.50	-------	5,477.50	-------	-------	-------	-------	-------	437
1,740.00	2,080.00	-------	3,820.00	-------	-------	-------	-------	-------	438
5,043.60	420.00	-------	5,463.60	-------	-------	-------	-------	-------	439
2,808.00	6,396.00	208.00	9,412.00	2	-------	2,430.00	-------	2,430.00	440
1,930.65	-------	-------	1,930.65	3	-------	3,240.00	-------	3,240.00	441
18,393.69	-------	-------	18,393.69	3	2	5,185.00	840.00	6,025.00	442
13,893.29	-------	-------	13,893.29	5	-------	5,220.00	-------	5,220.00	443
14,154.83	-------	-------	14,154.83	4	2	5,460.00	1,200.00	6,660.00	444
8,108.76	-------	-------	8,108.76	11	2	13,362.30	1,824.00	15,186.30	445
4,414.19	-------	-------	4,414.19	-------	-------	-------	-------	-------	446
5,930.00	-------	-------	5,930.00	-------	-------	-------	-------	-------	447
7,481.20	520.00	-------	8,001.20	1	-------	1,200.00	-------	1,200.00	448
2,800.00	-------	-------	2,800.00	1	-------	730.00	-------	730.00	449
33,560.00	9,480.00	-------	43,040.00	4	-------	8,200.00	-------	8,200.00	450
11,800.00	-------	-------	11,800.00	3	3	7,800.00	1,089.00	8,889.00	451
12,030.00	-------	-------	12,030.00	4	2	7,300.00	570.00	8,370.00	452
7,000.00	-------	-------	7,000.00	22	3	25,268.00	1,169.00	27,437.00	453
4,279.00	892.40	-------	5,171.40	2	1	2,600.00	572.00	3,172.00	454
7,380.00	3,108.00	-------	10,488.00	-------	-------	-------	-------	-------	455
1,398.00	1,584.00	-------	2,982.00	-------	-------	-------	-------	-------	456
1,218.00	1,218.00	-------	2,436.00	1	-------	600.00	-------	600.00	457

TABLE No. 1—(CONTINUED).

LEE COUNTY—Continued

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907: Adult males	Adult females	Children under 16	Hrs. wrked per day	Days in operation during 1907	Change in wages in per cent for year 1907: Per cent of increase	Per cent of decrease	Total amount paid in wages during 1907: Adult Males	Adult females	Children under 16	Total	Superintendents, managers, clerks and other salaried employes: Number: Men	Number: Women	Total amount paid in salaries during the year 1907: Men	Women	Total	Marginal Number
458	Laundry	1	1	6	.....	10	140	.....	.....	400.00	1,100.00	.....	1,500.0	.....	.....	.....	.....	.....	458
459	Laundry	1	3	7	.....	8	290	.....	.....	1,000.00	1,050.00	.....	2,050.00	.....	1	.....	260.00	260.00	459
460	Leggins and overalls mfg	1	2	12	.....	9	187	.....	.....	695.00	2,083.02	.....	2,778.02	1	.....	1,120.00	.....	1,120.00	460
461	Liquor (wholesale)	1	5	.....	.....	9	310	.....	.....	2,964.00	.....	.....	2,964.00	.....	.....	.....	.....	.....	461
462	Lumber mfg.	1	116	.....	.....	9	145	10%	.....	57,824.50	.....	.....	57,824.50	11	.....	14,991.63	.....	14,991.63	462
463	Metal goods mfg.	1	10	.....	.....	10	300	.....	.....	4,400.00	.....	.....	4,400.00	1	1	600.00	120.00	720.00	463
464	Mill fixtures mfg.	1	.....	.....	.....	10	310	15%	.....	.....	.....	.....	.....	7	1	9,217.47	372.00	9,589.47	464
465	Oil products	1	.....	.....	.....	10	310	.....	.....	.....	.....	.....	.....	21	3	21,240.00	1,620.00	22,860.00	465
466	Oil products	1	.....	.....	.....	8	313	5%	.....	.....	.....	.....	.....	32	5	271.60	2,520.00	29,080.00	466
467	Packing box mfg.	1	42	.....	5	10	304	10%	.....	18,374.05	.....	1,395.00	19,739.05	2	1	1,920.00	370.00	2,290.00	467
468	Paper mfg.	1	35	1	.....	12	283	.....	.....	17,250.00	255.00	.....	17,505.00	3	.....	4,500.00	.....	4,500.00	468
469	Pickle and vinegar mfg.	1	5	5	.....	10	315	.....	.....	3,275.00	832.00	.....	4,107.00	3	1	3,440.00	720.00	4,160.00	469
470	Planing mill	1	9	.....	.....	10	300	10%	.....	5,000.00	.....	.....	5,000.00	.....	.....	.....	.....	.....	470
471	Plumbing and mfg.	1	49	8	.....	10	308	9½%	.....	25,080.00	2,000.00	.....	27,080.00	4	.....	7,840.00	.....	7,840.00	471
472	Plumbing	1	14	.....	.....	10	300	11%	.....	7,967.35	.....	.....	7,967.35	3	.....	3,072.00	.....	3,072.00	472
473	Pork packing	1	46	.....	.....	9	310	12%	.....	24,435.00	.....	.....	24,435.00	4	.....	4,440.00	.....	4,440.00	473
474	Poultry, butter and eggs	1	66	14	3	10	300	.....	15%	31,680.00	2,688.00	638.00	35,006.00	40	6	38,598.64	30.80	41,665.84	474
475	Railway	1	425	.....	.....	9½	304	5%	.....	273,525.00	.....	.....	273,525.00	25	.....	25,000.00	.....	25,000.00	475
476	Sash, door and box mfg.	1	175	9	.....	10	300	.....	.....	60,974.15	1,650.00	.....	62,624.15	5	1	12,040.00	480.00	12,520.00	476
477	Shafts and bolts mfg.	1	50	.....	.....	10	250	2%	.....	27,147.25	.....	.....	27,147.25	2	.....	2,600.00	.....	2,600.00	477
478	Shirts, pants and jackets mfg.	1	66	101	.....	8-9	290	.....	.....	57,880.00	28,962.00	.....	86,842.00	4	.....	8,700.00	.....	8,700.00	478
479	Soda water mfg.	1	6	.....	.....	10	313	.....	.....	4,056.00	.....	.....	4,056.00	2	1	1,200.00	600.00	1,800.00	479
480	Store fixtures mfg.	1	19	8	.....	10	308	.....	.....	8,620.35	840.00	.....	9,460.35	.....	.....	.....	.....	.....	480
481	Telephone	1	5	11	.....	9	365	.....	.....	3,050.00	2,765.00	.....	5,815.00	1	.....	840.00	.....	840.00	481
482	Telephone	1	13	16	.....	9	305	.....	.....	9,067.00	4,176.00	.....	13,243.00	4	1	2,425.00	300.00	2,725.00	482
483	Tool mfg.	1	6	.....	.....	10	260	.....	.....	3,068.00	.....	.....	3,068.00	.....	.....	.....	.....	.....	483
484	*Wood-ware mfg.	1	116	.....	.....	10	290	.....	.....	16,374.24	.....	.....	16,374.24	20	.....	17,805.00	.....	17,805.00	484

*Convict labor.

LINN COUNTY.

485	Bakery	1	*	2	.....	8-10	313	.....	.....	$ 3,008.00	$ 1,040.00	.....	$ 4,108.00	.....	.....	.....	.....	.....	485
486	Bakery products	1	.....	.....	.....	10	310	.....	.....	.....	.....	.....	.....	3	.....	$ 3,008.00	.....	$ 3,008.00	486
487	Blank books mfg.	1	15	7	.....	8½	310	6%	.....	7,800.00	1,700.00	.....	9,500.00	3	4	4,200.00	2,000.00	6,200.00	487
488	Brewery and mfg.	1	25	.....	.....	10	310	.....	.....	19,703.00	.....	.....	19,703.00	4	.....	7,080.00	.....	7,080.00	488
489	Brick and tile mfg.	1	.....	.....	.....	10	180	10%	.....	1,800.00	.....	.....	1,800.00	.....	.....	.....	.....	.....	489
490	Cereal product mfg.	1	202	139	21	10-11	365	.....	.....	147,299.50	47,595.90	3,966.35	198,861.75	10	.....	11,440.00	.....	11,440.00	490
491	China & glassware (wholesale and retail)	1	20	41	.....	10	310	2%	.....	.....	.....	.....	.....	11	4	9,324.66	2,225.00	11,549.66	491
492	Confectionery mfg.	1	15	.....	.....	10	300	7%	.....	7,000.00	12,000.00	.....	19,000.00	14	1	20,020.00	702.00	20,722.00	492
493	Couch frame mfg.	1	.....	.....	.....	9	300	.....	.....	6,638.78	.....	.....	6,638.78	2	.....	1,600.00	.....	1,600.00	493
494	Department store	1	.....	.....	.....	10	309	.....	.....	.....	.....	.....	.....	32	23	20,815.64	6,494.34	27,309.98	494
495	Drugs	1	.....	.....	.....	17	365	.....	.....	.....	.....	.....	.....	6	.....	5,240.00	.....	5,240.00	495
496	Druggists (wholesale)	1	.....	.....	.....	10	313	.....	.....	.....	.....	.....	.....	52	5	49,794.31	1,144.00	50,938.31	496
497	Dry cleaning and dyeing	1	10	5	.....	9	308	.....	.....	7,022.00	1,638.00	.....	8,660.00	2	2	1,608.00	728.00	2,336.00	497
498	Dry goods (retail)	1	18	45	.....	9	310	.....	.....	13,340.74	12,940.74	.....	26,281.48	.....	.....	.....	.....	.....	498
499	Dry goods (wholesale)	1	.....	.....	.....	10	310	.....	.....	.....	.....	.....	.....	22	4	25,317.99	1,802.00	27,119.99	499
500	Electric railway	1	170	.....	.....	10	365	10%	.....	80,835.03	.....	.....	80,835.03	14	.....	17,960.82	.....	17,960.82	500
501	Electric light and power	1	6	.....	.....	12	365	8½%	.....	3,500.00	.....	.....	3,500.00	1	.....	900.00	.....	900.00	501
502	Flour mfg.	1	8	.....	.....	8-9	310	10%	.....	5,731.53	.....	.....	5,731.53	3	.....	3,815.00	.....	3,815.00	502
503	Foundry and mach. shop	1	55	.....	.....	10	300	.....	.....	39,060.00	.....	.....	39,060.00	3	.....	3,692.00	.....	3,692.00	503
504	Fruit and commission	1	6	.....	.....	9	300	.....	.....	3,380.00	.....	.....	3,380.00	4	2	5,140.00	1,300.00	6,440.00	504
505	Furniture mfg.	1	13	1	.....	10	300	5%	.....	5,000.00	200.00	.....	5,200.00	4	.....	6,800.00	.....	6,800.00	505
506	Gas mfg.	1	19	.....	.....	10-12	365	.....	.....	15,103.00	.....	.....	15,103.00	9	.....	9,430.00	.....	9,430.00	506
507	Grocers (wholesale)	1	13	.....	.....	10	310	.....	.....	7,364.00	.....	.....	7,364.00	19	1	19,070.00	540.00	19,610.00	507
508	Ladies' coats, skirts and petticoats	1	18	85	2	9½	.....	.....	.....	8,826.00	25,464.00	360.00	34,680.00	6	4	6,326.00	1,924.00	8,250.00	508
509	Laundry	1	4	9	.....	10	309	.....	.....	2,340.00	3,302.00	.....	5,642.00	.....	.....	.....	.....	.....	509
510	Laundry	1	4	18	.....	10	310	.....	.....	2,344.00	4,680.00	.....	7,024.00	.....	.....	.....	.....	.....	510
511	Laundry	1	8	26	5	9	332	15%	.....	3,800.00	9,952.00	1,248.00	15,000.00	1	2	1,200.00	1,000.00	2,200.00	511

TABLE No. 1—

LINN

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907			Hrs. w'rked per day	Days in operation during 1907	Change in wages in per cent for year 1907	
			Adult males	Adult females	Children under 16			Per cent of increase	Per cent of decrease
512	Laundry	1	5	16	.....	9	318	.....	.....
513	Liquors (wholesale)	1	10	.....	.....	10	305	.....	.....
514	Meats (wholesale)	1	.....	.....	.....	10	312	.....	.....
515	Millinery (wholesale)	1	9	42	2	9-10	305	.....	.....
516	Oils, grease, etc. (wholes.)	1	.....	.....	.....	8	310	.....	.....
517	Oil products	1	.....	.....	.....	10	310	.....	.....
518	Overalls and jackets	1	2	47	.....	8	300	.....	.....
519	Pasteurizing milk	1	11	2	.....	8	365	.....	.....
520	Pharmacists' mfg.	1	3	3	.....	9	302	20%	.....
521	Pork and beef packing	1	727	12	49	10	310	.....	.....
522	Printing and binding	1	27	11	.....	9	307	5½%	.....
523	Publishing and printing	1	46	17	.....	8	310	.....	.....
524	Publishing of magazine	1	9	13	.....	8½	310	.....	.....
525	Pump mfg.	1	70	.....	.....	10	300	10%	.....
526	Pumps mfg.	1	45	.....	.....	9½	310	.....	.....
527	Pump mfg.	1	11	.....	.....	10	306	15%	.....
528	Railroad	1	613	.....	2	9	302	10%	.....
529	Railway repair shop	1	19	.....	.....	10	313	.....	.....
530	Sash and door mfg.	1	98	.....	.....	9	305	10%	.....
531	Shoe mfg.	1	.....	.....	.....	.....	.....	.....	.....
532	Skirt mfg.	1	8	60	.....	9	300	.....	.....
533	Starch mfg.	1	165	15	10	10	306	.....	.....
534	Step ladders mfg.	1	5	.....	.....	10	310	.....	.....
535	Steel baskets mfg.	1	6	.....	2	10	306	7½%	.....
536	Tea and coffee (wholesale)	1	.....	.....	.....	10	310	.....	.....
537	Telephone	1	8	12	.....	9	365	.....	.....
538	Wagon mfg.	1	.....	.....	.....	10	306	.....	.....
539	Wagon mfg.	1	15	.....	.....	10	295	10%	.....
540	Wall paper (wholesale and retail)	1	.....	.....	.....	.....	.....	.....	.....
541	Water works	1	15	4	.....	10	312	.....	.....
542	Wire fence mfg.	1	44	.....	.....	10	308	.....	.....

LUCAS

543	Brooms mfg.	1	8	3	.....	10	300	.....	.....
544	Wagon mfg.	1	14	.....	.....	10	310	.....	.....

MADISON

546	Crushed stone mfg.	1	18	.....	.....	10	282	6½%	.....
547	Monument mfg.	1	8	.....	.....	8½	300	.....	.....
548	Telephone	1	2	4	.....	9	365	.....	.....

(CONTINUED).

COUNTY—Continued

Total amount paid in wages during 1907				Superintendents, managers, clerks and other salaried employes					Marginal Number
				Number		Total amount paid in salaries during the year 1907			
Adult Males	Adult females	Children under 16	Total	Men	Women	Men	Women	Total	
3,120.00	4,576.00	.....	7,696.00	2	2	2,236.00	624.00	2,860.00	512
8,800.00	.....	.....	8,800.00	.....	.....	.....	.....	.....	513
.....	.....	.....	.....	6	.....	5,200.00	.....	5,200.00	514
3,723.04	13,828.40	358.06	17,909.50	13	.....	21,548.08	.....	21,548.08	515
.....	.....	.....	.....	8	.....	6,340.00	.....	6,340.00	516
.....	.....	.....	.....	6	.....	4,560.00	.....	4,560.00	517
1,800.00	13,534.30	.....	15,334.30	.....	.....	.....	.....	.....	518
4,800.00	600.00	.....	5,400.00	2	.....	2,400.00	.....	2,400.00	519
6,311.00	1,092.00	.....	7,403.00	10	3	8,502.00	1,018.00	9,619.00	520
330,086.16	3,626.57	12061.80	395,774.53	64	6	84,579.79	3,120.60	87,709.39	521
18,028.00	2,204.00	.....	20,232.00	1	1	1,300.00	500.00	1,800.00	522
32,666.92	6,670.00	.....	39,336.92	5	2	7,852.00	884.00	8,736.00	523
6,100.00	4,500.00	.....	10,600.00	6	3	7,520.00	2,100.00	9,620.00	524
38,800.00	.....	.....	38,800.00	8	.....	10,800.00	.....	10,800.00	525
24,000.00	.....	.....	24,000.00	8	.....	14,000.00	800.00	14,800.00	526
4,874.00	.....	.....	4,874.00	3	2	3,232.00	1,040.00	4,272.00	527
400,042.00	.....	360.00	400,402.00	53	.....	51,910.00	.....	51,910.00	528
7,838.65	.....	.....	7,838.65	1	.....	730.00	.....	730.00	529
39,000.00	.....	.....	39,000.00	6	2	7,800.00	1,800.00	9,600.00	530
.....	.....	.....	.....	4	1	3,600.00	720.00	4,320.00	531
3,000.00	25,000.00	.....	28,000.00	2	.....	2,500.00	.....	2,500.00	532
99,379.88	5,000.00	2,000.00	106,379.88	13	2	18,720.00	1,380.00	20,100.00	533
4,208.65	.....	.....	4,208.65	.....	.....	.....	.....	.....	534
3,416.28	.....	180.00	3,596.28	2	2	1,600.00	950.00	2,550.00	535
.....	.....	.....	.....	12	3	22,340.37	1,196.00	23,536.37	536
6,032.00	3,794.00	.....	9,826.00	3	2	2,220.00	600.00	2,820.00	537
.....	.....	.....	.....	12	.....	8,900.00	.....	8,900.00	538
7,888.00	.....	.....	7,888.00	.....	.....	.....	.....	.....	539
.....	.....	.....	.....	12	3	10,366.16	1,508.00	11,874.16	540
8,554.39	3,240.00	.....	11,794.39	4	.....	3,726.00	.....	3,726.00	541
21,900.00	.....	.....	21,900.00	3	3	6,150.00	1,130.00	7,280.00	542

*$12,061.80.

COUNTY.

$ 4,497.40	$ 568.09	.....	$ 5,065.49	2	.....	$ 838.91	.....	$ 838.91	543
7,800.00	.....	.....	7,800.00	3	.....	1,800.00	.....	1,800.00	544

COUNTY.

$ 10,843.72	.....	.....	$ 10,843.72	2	.....	$ 2,100.00	.....	$ 2,100.00	546
5,000.00	.....	.....	5,000.00	.....	.....	.....	.....	.....	547
971.00	$ 810.00	.....	1,781.00	1	.....	900.00	.....	900.00	548

TABLE No. 1—

MAHASKA

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907			Hrs. w'rked per day	Days in operation during 1908	Change in wages in per cent for year 1907	
			Adult males	Adult females	Children under 16			Per cent of increase	Per cent of decrease
549	Air furnaces mfg.	1	8			10	300		
550	Brick and tile mfg.	1	5			10	270	9%	
551	Brick and tile mfg.	1	44			10	300		
552	Brick, tile and building block mfg.	1	12			10	200	10%	
553	Candies mfg.	1	9	12		10	308	4%	
554	Cigars mfg.	1	12			8	310		
555	Cigars	1	14	3		8-9	296		
556	Clothiers	1				10	310		
557	Clothing	1				11	310		
558	Drugs	1				9	345		
559	Dry goods	1				10	310		
560	Flour and feed mfg.	1	6			9	310		
561	Hardware (wholes. & ret.)	1	11			10	310		
562	Ice and ice cream mfg.	1	8	2		10-12	240		
563	Mercantile establishment	1	36	6		10	310		
564	Oil products	1				10	310		
565	Overalls and shirts mfg.	1	1	30		10	300		
566	Plumbing and mfg.	1	30			9	312	10%	
567	Railway repair shop	1	71			10	365	13%	
568	Steam heaters mfg.	1	7		1	10	310		
569	Street Ry. electric light	1	42			10	365	10%	
570	Telephone	1	3	5		9	365		
571	Wagon mfg.	1	15			9	284		
572	Work clothing mfg.	1		98		8	270	10%	

MARION

573	Brick and tile mfg.	1	18			10	175		
574	Butter, eggs and poultry	1	10			10	310		
575	Cigar mfg.	1	3		5	7-10	290		
576	Self feeders mfg.	1	37			9½	306		
577	Wagon mfg.	1	13			10	310	5%	

MARSHALL

578	Brick and tile mfg.	1	7			10	208	15%	
579	Cement bldg. blocks mfg.	1	37			9	274		
580	Coffee roasting	1	7	8		10	308		
581	Drugs	1							
582	Dry goods (retail)	1				9½	308		
583	Dry goods (retail)	1				11	310		
584	Fruit (wholesale)	1				10	310		
585	Furnace mfg.	1	38			10	200	8%	
586	Furnace mfg.	1	82			10	301		
587	Gas engine mfg.	1	86			8-10	312		
588	Grocers (wholesale)	1	11			10	310	10%	
589	Hotel	1	20	17		12	305	10%	
590	Ice mfg.	1	9			12-14	288		
591	Laundry	1	4	12		10	310		
592	Liquors (retail)	1				9	300	25%	
593	Lumber mfg.	1	18			10	310	10%	
594	Machinery mfg.	1	21			10	295		
595	Maple syrup mfg.	1	6			10	225	25%	
596	Oils and greases	1	16			10	310		
597	Oil products	1				10	310		
598	Pork and beef packing	1	117	14		8	325	10%	
599	Produce (wholesale)	1	10			10	313		

(CONTINUED).

COUNTY.

Total amount paid in wages during 1907				Superintendents, managers, clerks and other salaried employes					Marginal Number
				Number		Total amount paid in salaries during the year 1907			
Adult Males	Adult females	Children under 16	Total	Men	Women	Men	Women	Total	
$ 3,384.06			$ 3,384.06	2		$ 2,516.00		$ 2,516.00	549
2,700.00			2,700.00	12		3,300.00		3,300.00	550
20,643.70			20,643.70	2		1,800.00		1,800.00	551
5,000.00			5,000.00	1		900.00		900.00	552
3,462.21	1,624.78		5,086.99	5	2	3,844.82	940.00	4,784.82	553
7,369.44			7,369.44	3		2,020.00		2,020.00	554
9,800.00	1,037.50		10,837.50	1		1,008.00		1,008.00	555
				3	1	1,560.00	360.00	1,920.00	556
				7	1	5,520.00	645.00	6,165.00	557
				7	1	6,180.00	660.00	6,840.00	558
				17	38	16,141.47	16,885.37	33,026.84	559
2,748.00			2,748.00	1	1	1,200.00	480.00	1,680.00	560
8,446.08			8,446.08	2	2	3,600.00	960.00	4,560.00	561
3,900.00	900.00		4,800.00	1		1,200.00		1,200.00	562
26,500.00	2,700.00		29,200.00	1		3,000.00		3,000.00	563
				6		4,500.00		4,500.00	564
830.00	9,000.00		9,830.00	2	1	1,100.00	430.00	1,530.00	565
14,938.15			14,938.15	5	1	4,440.00	360.00	4,800.00	566
34,986.70			34,986.70	4		3,540.00		3,540.00	567
3,385.00		75.00	3,460.00	1	1	1,200.00	420.00	1,620.00	568
22,032.00			22,032.00	4	2	3,960.00	1,140.00	5,100.00	569
1,620.00	1,390.00		3,010.00	2		1,200.00		1,200.00	570
8,000.00			8,000.00	3	1	4,200.00	720.00	4,920.00	571
	18,436.36		18,436.36	10	8	8,183.60	3,302.00	11,485.60	572

COUNTY.

$ 4,000.00			$ 4,000.00	1		$ 500.00		$ 500.00	573
4,020.00			4,020.00	1	1	900.00	416.00	1,316.00	574
1,059.22		500.00	1,559.22	1		600.00		600.00	575
14,000.00			14,000.00	5	2	4,620.00	1,020.00	5,640.00	576
11,000.00			11,000.00	2	1	1,800.00	400.00	2,200.00	577

COUNTY.

$ 3,300.00			$ 3,300.00	1		$ 700.00		$ 700.00	578
20,600.00			20,600.00						579
3,900.00	1,200.00		5,100.00	5	2	5,800.00	1,250.00	7,050.00	580
				9	1	5,000.00	790.00	6,620.00	581
				10	14	7,488.00	4,420.00	11,908.00	582
				8	4	4,200.00	1,800.00	6,000.00	583
				3	1	2,880.00	416.00	3,296.00	584
				2		1,500.00		1,500.00	585
26,103.57			26,103.57	2		19,569.94	1,147.50	20,747.44	586
42,603.16			42,603.16	17	3	4,300.00	1,320.00	5,620.00	587
42,673.20			42,673.20	4	3	35,500.00	1,430.00	36,930.00	588
6,000.00			6,000.00	20	2				589
7,000.00	3,000.00		10,000.00						590
4,791.90			4,791.90	2	1	1,173.65	545.00	1,718.65	591
2,548.00	4,056.00		6,604.00	1	1		312.00	312.00	592
				4		2,622.00		2,622.00	593
10,000.00			10,000.00						594
11,913.35			11,913.35	4	1	4,620.00	600.00	5,220.00	595
1,340.00			1,340.00	3	1	3,000.00	900.00	3,900.00	596
12,000.00			12,000.00	26	6	27,000.00	2,800.00	29,800.00	597
				5		3,768.00		3,768.00	598
49,334.00	3,084.00		52,418.00	15	2	17,250.00	900.00	18,150.00	599
4,175.71			4,175.71	1	1	1,092.00	624.00	1,716.00	

TABLE No. 1—

MARSHALL

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907: Adult males	Adult females	Children under 16	Hrs. w'rked per day	Days in operation during 1907	Change in wages in per cent for year 1907: Per cent of increase	Per cent of decrease
600	Publishing paper	1	14		24	8	310		
601	Railway repair shop	1	297			8½	306	14%	
602	Steam governor mfg.	1	8			9	307		
603	Steam trap mfg.	1	13			10	304	10%	
604	Telephone	1	4	10		9	365		
605	Vehicles mfg.	1	116	12		9	270		

MILLS

606	Brick mfg.	1	9			10			
607	Telephone	1	2	4		9	365		

MITCHELL

608	Cigar mfg.	1	3			10	310		
609	Upholstering tow mfg.	1	10			10	260		

MONTGOMERY

610	Art calendar mfg.	1	71	110	8	10	309	10%	
611	Brick and tile mfg.	1	15			8	130		
612	Electricity mfg.	1	11			10	365		
613	Flour milling and mfg.	1	9			11	310	8%	
614	Grocers (wholesale	1				10	310		
615	Laundry	1	1	5		10	308		
616	Pottery and brick mfg.	1	8			10	275		
617	Struct. iron bridge mfg.	1	35			10	308	10%	
618	Telephone	1	4	7		9	365		

MONONA

619	Poultry, butter and eggs	1	8			8	310		

MONROE

620	Elect. light & power mfg.	1				12	365		
621	Flour and feed mfg.	1	3			10	360		
622	Publishing and printing	1	4	1	1	9	300		
623	Teleph. switchboards mfg.	1	5	4	4	10	308		

(CONTINUED).

COUNTY—Continued

Total amount paid in wages during 1907: Adult Males	Adult females	Children under 16	Total	Superintendents, managers, clerks and other salaried employes: Number: Men	Number: Women	Total amount paid in salaries during the year 1907: Men	Women	Total	Marginal Number
11,000.00		1,000.00	12,000.00	14	3	14,700.00	1,300.00	16,000.00	600
173,239.85			173,239.85	18		18,808.85		18,808.85	601
3,899.36			3,899.36	2	2	3,600.00	933.49	4,533.49	602
5,342.39			5,342.39	5		4,314.73		4,314.73	603
2,755.00	2,826.00		5,581.00	2	2	1,250.00	588.00	1,848.00	604
72,000.00	8,000.00		80,000.00	155		88,500.00		88,500.00	605

COUNTY.

1,900.00			1,900.00	1		600.00	600.00	606
1,272.00	960.00		2,232.00					607

COUNTY.

$ 2,000.00			$ 2,000.00	2		$ 676.00	$ 676.00	608
4,250.00			4,250.00	1		600.00	600.00	609

COUNTY.

$ 40,512.88	$26,942.99	2,291.91	$ 69,747.72	14	34	$ 32,611.80	$ 13,858.14	$ 46,469.94	610
4,300.00			4,300.00	1		1,020.00		1,020.00	611
7,536.00			7,536.00	4		2,678.00		2,678.00	612
6,000.00			6,000.00	4		4,800.00		4,800.00	613
				6	1	4,713.00	457.00	5,170.00	614
390.00	1,248.00		1,638.00	2		3,000.00		3,000.00	615
2,774.30			2,774.30						616
18,700.00			18,700.00	2		3,600.00		3,600.00	617
2,395.00	2,010.00		4,405.00	2		1,335.00		1,335.00	618

COUNTY.

$ 3,116.38			$ 3,116.38	2		$ 1,509.00	$ 1,509.00	619

COUNTY.

				7	1	$ 5,580.00	$ 360.00	$ 5,940.00	620
$ 1,586.00			$ 1,586.00	2		1,800.00		1,800.00	621
2,750.00	250.00	100.00	3,100.00						622
3,213.00	918.00	688.65	4,819.65	3	2	3,000.00	728.00	4,328.00	623

TABLE No. 1—(CONTINUED).

MUSCATINE COUNTY.

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907: Adult males	Adult females	Children under 16	Hrs. w'rked per day	Days in operation during 1907	Change in wages in per cent for year 1907: Per cent of increase	Per cent of decrease	Total amount Paid in wages during 1907: Adult Males	Adult females	Children under 16	Total	Superintendents, managers, clerks and other salaried employes: Number: Men	Number: Women	Total amount paid in salaries during the year 1907: Men	Women	Total	Marginal Number
624	Brick mfg.	1	10			10	200	12½%		$ 4,937.00			$ 4,937.00						624
625	Cigar mfg.	1	2	3		9	310			839.00	$ 839.00		1,678.00	2		$ 855.00		$ 855.00	625
626	Condensed milk mfg.	1	13	7		10	342	5%		6,022.20	2,150.10		8,172.30	4	1	3,250.00	600.00	3,850.00	626
627	Department store	1	8	20		9	300	15%		3,179.0	6,340.00		9,510.00	9	3	8,160.00	1,800.00	9,960.00	627
628	Dry goods (retail)	1				9	310							6	6	4,580.00	2,080.00	6,660.00	628
629	Foundry	1	7	1		10	283			4,559.44	275.00		4,834.44						629
630	Groceries (wholesale)	1				10	312							10	1	7,750.00	520.00	8,270.00	630
631	Hardw. and furnace mfg.	1	11			9	310			6,890.00			6,890.00	9	1	6,060.00	300.00	6,360.00	631
632	Harness mfg.	1	32			10	308	5%		16,808.78			16,808.78	9	2	7,320.00	600.00	7,920.00	632
633	Hotel	1	8	8		12	365			1,440.00	1,440.00		2,880.00						633
634	Laundry	1	4	7		10	310			2,080.00	1,898.00		3,978.00						634
635	Liquor mfg.	1	9			8	312			5,720.00			5,720.00	1		624.00		624.00	635
636	Lumber (retail)	1	21			10	250	10%		23,584.55			25,584.55	4	1	5,000.00	800.00	5,800.00	636
637	Lumber mfg.	1	151		6	10	258	10%		67,947.76		1,000.00	68,947.76	7	1	6,930.00	468.00	7,398.00	637
638	Mill work and mfg.	1	236			10	271	5%		73,843.48			73,843.48	14	9	22,500.00	4,475.00	26,975.00	638
639	Pearl button mfg.	1	78			9	300		5%	30,000.00			30,000.00	2	1	3,000.00	350.00	3,350.00	639
640	Pearl button mfg.	1	90	1		9½	285			29,690.00	310.00		30,000.00	4		6,999.96		6,999.96	640
641	Pearl button mfg.	1	122	76	8	10	295			57,451.35	17,345.48	1,200.00	75,996.83	7	6	9,432.00	2,880.00	12,312.00	641
642	Pearl button mfg.	1	148	95	6	10	288			69,920.00	21,181.20	1,008.00	92,109.20	2	2	3,500.00	936.00	4,436.00	642
643	Pearl button mfg.	1				10	295	10%						35	15	18,000.00	6,000.00	24,000.00	643
644	Pearl button mfg.	1	5			9	290			2,080.00			2,080.00						644
645	Pearl button blanks mfg.	1	34	2		10	310			16,090.00		300.00	16,390.00						645
646	Pearl button mfg.	1	29	11	6	8-9½	330		10%	26,000.00	6,500.00	1,500.00	34,000.00	8	12	6,500.00	3,800.00	10,300.00	646
647	Pearl button mfg.	1	84	58	8	10	250		7%	40,000.00	17,500.00	2,000.00	59,500.00	2	1	2,800.00	500.00	3,300.00	647
648	Pearl button mfg.	1	135	117	12	9	300	10%		87,650.00	45,950.00	2,400.00	136,000.00	9	4	14,400.00	2,000.00	16,400.00	648
649	Pearl novelties mfg.	1	6	3		10	300			2,447.50	1,017.29		3,464.72	1	1	720.00	360.00	987.00	649
650	Printing and publishing	1	12		28	8-10	310			8,176.16		1,204.30	9,380.46	9	4	6,610.00	1,700.00	8,310.00	650
651	Railway transportation	1	45			10	313			20,602.20			20,602.20	12	1	13,080.00	540.00	13,620.00	651
652	Sash and door mfg.	1	301	1	27	10	282			144,692.70	275.00	5,725.18	150,692.88	22	5	34,824.98	2,288.48	37,113.46	652
653	Street Ry. and lighting	1	111			12	365			52,047.15			52,047.15	5	2	4,387.78	900.00	5,287.78	653
654	Telephone	1	10	16		9	365		8%	6,631.00	4,800.00		11,431.00	3	1	1,930.00	360.00	2,290.00	654

O'BRIEN COUNTY.

655	Poultry, butter and eggs	1	10			10	310			$ 4,104.04			$ 4,104.04	2		$ 1,966.50		$ 1,966.50	655

PAGE COUNTY.

656	Brick mfg.	1	6		1	10	320	16%		$ 2,007.00		$ 150.00	$ 2,157.00						656
657	Brick and tile mfg.	1	11			10	208	25%		4,700.00			4,700.00	1		$ 1,000.00		$ 1,000.00	657
658	Electric light and power	1	10			10	310			6,900.00			6,900.00	2	1	1,776.00	624.00	2,400.00	658
659	Flannel gloves and mittens mfg.	1	3	17		10	288			1,566.43	3,902.47		5,468.90						659
660	Hog and cattle powd. mfg.	1	10			10	310			9,036.50			9,036.50	4		6,100.00		6,100.00	660
661	Hotel	1	4	7		12	365			778.15	1,670.16		2,448.31						661
662	Produce (wholesale)	1	96			10	313			58,035.00			58,035.00	66	6	59,740.00	3,360.00	63,100.00	662
663	Publishing newspaper	1	6	6		10	310			5,250.00	2,250.00		7,500.00						663
664	Telephone	1	3	6		9	365			2,184.00	1,435.00		3,619.00	1		720.00		720.00	664
665	Telephone	1	2	5		9	365			1,010.00	1,200.00		2,210.00	1		720.00		720.00	665

TABLE No. 1—(CONTINUED).

PLYMOUTH COUNTY.

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907: Adult males	Adult females	Children under 16	Hrs. w'rked per day	Days in operation during 1907	Change in wages in per cent for year 1907: Per cent of increase	Per cent of decrease	Total amount paid in wages: Adult Males	Adult females	Children under 16	Total	Superintendents, managers, clerks and other salaried employes: Number: Men	Number: Women	Total amount paid in salaries during the year 1907: Men	Women	Total	Marginal Number
666	Brick mfg.	1	18			10	208			$ 2,528.00			$ 2,528.00						666
667	Flour and feed mfg.	1	6			11	280	10%		3,300.00			3,300.00	1		$ 900.00		$ 900.00	667
668	Hotel	1	5	9		12	365			2,820.00	1,680.00		4,500.00						668
669	Laundry	1	3	2		10	260			1,500.00	500.00		2,000.00						669
670	Telephone	1	2	7		9	365			1,350.00	1,560.00		2,910.00	1		900.00		900.00	670
671	Water and electric light	1	8			10	365			5,520.00			5,520.00	2		1,200.00		1,200.00	671
672	Well drilling mach. mfg.	1	6			10	310			4,978.09			4,978.09	4		5,333.23		5,333.23	672
	POCAHONTAS COUNTY.																		
673	Brick and tile mfg.	1	7			10	189	9%		$ 3,132.21			$ 3,132.21	4		$ 1,600.00		$ 1,600.00	673
674	Brick and tile mfg.	1	22			10	230			12,100.00			12,100.00	2		1,800.00		1,800.00	674
	POLK COUNTY																		
675	Bakery	1	22			10	310			$ 18,000.00			$ 18,000.00	3	1	$ 4,100.00	$ 350.00	$ 4,450.00	675
676	Bakery products	1	40	27	2	9½	277			24,842.83	$ 8,608.61	$ 468.00	$ 33,919.44	24	5	46,166.16	3,016.00	49,182.16	676
677	Beef and pork packing	1				10	310							9		9,397.41		9,397.41	677
678	Brick mfg.	1	56			9	199	10%		31,488.46			31,488.46	3		3,700.00		3,700.00	678
679	Brick mfg.	1	16			9	150	10%		12,400.00			12,400.00	2	1	2,400.00	600.00	3,000.00	679
680	Brick mfg.	1	6			8				2,250.00			2,250.00						680
681	Brick mfg.	1	24			9	250			7,407.46			7,407.46	2	1	2,160.00	480.00	2,640.00	681
682	Brick and tile mfg.	1	27			10	211	25%		12,095.15			12,095.15	3		3,120.00		3,120.00	682
683	Brokerage and commission	1				9	300							4	1	5,092.00	780.00	5,872.00	683
684	Broom mfg.	1	6			8	300			3,000.00			3,000.00	2		1,500.00		1,500.00	684
685	Broom mfg.	1	20	6	7	10	300	8%		12,058.54	1,750.32	1,709.24	15,518.10	4	1	4,130.00	520.00	4,650.00	685
686	Butter and eggs (wholes.)	1	10			10	310			6,136.00			6,136.00	5		8,480.00		8,480.00	686
687	Candy mfg.	1	3	2		18	365			1,320.00	600.00		1,920.00						687
688	Candy mfg.	1	6	4		8-12	365			3,780.00	720.00		4,500.00						688
689	Carriage mfg.	1	19			9	300			11,400.00			11,400.00	2		2,000.00		2,000.00	689
690	Carriage mfg.	1	24	1	1	9	310			13,221.00	450.00	300.00	13,971.00	6	1	7,500.00	400.00	7,900.00	690
691	Casket mfg.	1	32	4		9-10	312	10%		20,737.31	2,392.00		23,129.34	7	1	9,000.00	520.00	10,120.00	691
692	Cement stone mfg.	1	22			9	310			10,000.00			10,000.00						692
693	China and glassware retail	1												18	5	15,583.00	2,575.00	18,158.00	693
694	Cigar mfg.	1	12	3		8	300			4,000.00	750.00		4,750.00	1		3,500.00		3,500.00	694
695	Cigar mfg.	1	10	1		8	300			6,000.00	300.00		6,300.00						695
696	Cigar mfg.	1	17	3		8	300			8,500.00	1,100.00		9,600.00	4		4,800.00		4,800.00	696
697	Clothing (retail)	1	13	1		10	310			10,610.00	450.00		11,060.00						697
698	Clothing (retail)	1	13	7		10	310			10,348.00	2,808.00		13,156.00						698
699	Coffee roasting	1	14	13		10	310			11,232.00	3,302.00		14,534.00	4		12,000.00		12,000.00	699
700	Contracting	1	26			8½	308	10%		21,526.00			21,526.00						700
701	Creamery	1	25	9		9	365			21,516.00	5,292.00		26,808.00						701
702	Drugs	1	38	7		10	310	44%		29,000.00	3,000.00		32,000.00	3		4,000.00		4,000.00	702
703	Drugs (wholesale)	1				10	312	2%						50	6	38,500.00	2,000.00	40,500.00	703
704	Dry goods (retail)	1	1	6		10	313			900.00	2,184.00		3,084.00	1		1,200.00		1,200.00	704
705	Dry goods (retail)	1	21	58		10	310			13,650.00	34,800.00		48,450.00	3		15,000.00		15,000.00	705
706	Dry goods (retail)	1	8	30		10	310			7,100.00	7,500.00		14,600.00	2		2,600.00		2,600.00	706
707	Dry goods (wholesale)	1												11	1	13,594.39	520.00	14,114.39	707
708	Elec. light and power mfg.	1	29			9	365	12%		14,009.39			14,009.39	59	4	38,102.85	1,921.31	40,024.16	708
709	Flour and feed mfg.	1	21			10-12	294			12,175.71			12,175.71	7	2	8,924.00	1,322.00	10,246.00	709
710	Foundry and mfg.	1	12			9	310	73%		8,001.84			8,001.84	2		3,580.00		3,580.00	710
711	Foundry and mfg.	1	12			9	300			9,500.00			9,500.00	4		4,400.00		4,400.00	711
712	Furnace mfg.	1	13			9	305	20%		8,118.45			3,118.45	4	1	4,920.00	546.00	5,466.00	712
713	Furnace mfg.	1	25			9	300	5%		11,550.85			11,550.85	6	1	8,100.00	506.77	8,606.77	713
714	Furniture mfg.	1	32	8		9-10	310			16,656.96	1,033.44		17,690.40	14	1	19,280.00	600.00	19,880.00	714
715	Gas mfg.	1	133			9	310	10%		73,311.06			73,311.06	30	6	32,519.26	3,861.39	36,380.65	715
716	Gas mantles mfg.	1	10			9	250	38%		1,315.96			1,315.96	3		3,000.00		3,000.00	716

TABLE No. 1—

POLK

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907			Hrs. w'rk. ed per day	Days in operation during 1907	Change in wages in per cent for year 1907	
			Adult males	Adult females	Children under 16			Per cent of increase	Per cent of decrease
717	Gloves, mittens and fur coats mfg.	1	41	50	7	8-9	310		
718	Groceries (wholesale)	1	13		1	10	310		
719	Hardware (wholesale)	1	23			10	310	5%	
720	Harness and horse collar mfg.	1	60			10	309		
721	Hosiery mfg.	1	45	136	19	9½	310	6%	
722	House heating pan cleaner mfg.	1	4			8	300		
723	Insurance	1				8	300		
724	Laundry	1	9	26	2	8	312		
725	Laundry	1	3	9		9	306		
726	Laundry	1	5	7		10	310		
727	Laundry	1	6	16		10	310		
728	Laundry	1	6	21		10	300		
729	Laundry	1	13	42		9	310		
730	Lightning rod mfg.	1	24			10	310		
731	Liquor (wholesale)	1	22			10-11	310	15%	
732	Liquor (wholesale and ret.	1				17	300		
733	Lumber mfg.	1	17			9	310	10%	
734	Lumber mfg.	1	8			9	300		
735	Machinery mfg.	1	12			8	310		
736	Machinery mfg.	1	15			9	310	11%	
737	Machine and repair shop	1	22			9	308	10%	
738	Meats (wholesale)	1				11	309		
739	Millinery (wholesale)	1		73		8	300	7%	
740	Mill work and cabinet mfg.	1	36			9	300	9%	
741	Monuments mfg.	1	6			9	285	10%	
742	Monuments mfg.	1	3			8	307		
743	Oils (wholesale)	1	9	2		8-10	310	10%	
744	Oils (wholesale)	1	22	1		10	310		
745	Paint and oils (retail)	1	35			8	306		
746	Paper box mfg.	1	7	19	9	10	351		
747	Pharm. chemical mfg.	1	6	9		9	307	20%	
748	Pickles and vinegar mfg.	1	11	8		9-10	310		
749	Pork and beef packers	1	247		12	10	309		
750	Poultry, eggs and butter	1	11			10	310		
751	Printing	1	10	7	3	9	310		
752	Printing and publishing	1	9	2	1	8½	310		
753	Printing and publishing	1	5	2		9	310		
754	Printing and publishing	1	19	3	1	9	310		
755	Printing and publishing	1	39	11		9	307	12%	
756	Printing and publishing	1	52	30	3	10	307		
757	Printers supplies (wholes.)	1	31	2		9	306		
758	Prop. medicine mfg.	1	1	8		9-10	310		
759	Prop. medicine mfg.	1	48	143	1	8	310	12½%	
760	Publishing newspaper	1	24	2		8	365	15%	
761	Pump and scale mfg.	1	20			9	310	10%	
762	Pure food mfg.	1	5			12	312		
763	Railway repair shop	1	24			10	313		
764	Railway repair shop	1	43			12	365	8%	
765	Railway repair shop	1	303		1	10	395	10%	
766	Rubber boots and shoes (wholesale)	1	5			8	310		
767	Saddlery mfg.	1	18			10	310		
768	Sheet metal works	1	24			8	308	6%	
769	Sheet metal works	1	5			8	306		
770	Shoe mfg.	1	27	12	5	10	101		
771	Shoes (wholesale)	1				10	310		
772	Skirt mfg.	1	7	38		9½	300		
773	Skirt mfg.	1	55	132		9½	300		
774	Soap mfg.	1	20	3		9	310		
775	Soda water mfg.	1				10	307		

(CONTINUED).

COUNTY—Continued

Total amount paid in wages during 1907				Superintendents, managers, clerks and other salaried employes					Marginal Number
				Number		Total amount paid in salaries during the year 1907			
Adult Males	Adult females	Children under 16	Total	Men	Women	Men	Women	Total	
22,500.00	15,750.00	1,750.00	40,000.00	7	5	11,980.00	3,050.00	15,030.00	717
8,008.00		95.00	8,103.00	17	7	24,434.00	6,770.00	31,204.00	718
13,273.77			13,273.77	25	5	24,598.47	2,700.00	27,298.47	719
35,753.32			35,753.32	15	1	15,225.43	720.00	15,945.43	720
15,000.00	35,500.00	4,500.00	55,000.00	4		5,700.00		5,700.00	721
2,548.00			2,548.00						722
6,991.00	6,724.18	446.00	14,161.18	20	24	21,900.00	13,431.70	38,331.70	723
2,496.00	3,190.00		5,686.00	3		3,120.00		3,120.00	724
3,016.00	2,952.00		5,968.00	2		2,080.00		2,080.00	726
3,354.00	5,564.00		8,918.00	2		1,248.00		1,248.00	727
3,720.00	6,720.00		10,440.00	1		720.00		720.00	728
8,800.00	12,405.00		21,205.00	1		2,500.00		2,500.00	729
11,000.00			11,000.00						730
13,098.77			13,098.77	7		11,720.00		11,720.00	731
				6		5,656.00		5,656.00	732
11,000.00			11,000.00	10		12,000.00		12,000.00	733
4,448.00			4,448.00						734
14,350.00			14,350.00	3		1,680.00		1,680.00	735
9,960.00			9,960.00	3		3,740.00		3,740.00	736
14,855.45			14,855.45	15	3	10,206.20	1,798.00	12,006.20	737
				8		7,670.00		7,670.00	738
13,500.00			13,500.00	33	8	61,000.00	5,000.00	66,000.00	739
23,239.00			23,239.00	3		3,360.00		3,360.00	740
3,900.00			3,900.00	2		2,355.00		2,355.00	741
2,434.00			2,434.00	5	1	3,484.00	400.00	3,884.00	742
7,450.00	1,100.00		8,550.00						743
16,600.00	600.00		17,200.00						744
25,000.00			25,000.00	8		7,500.00		7,500.00	745
3,225.00	4,272.22	1,000.00	8,497.22	2	1	2,100.00	520.00	2,620.00	746
3,985.68	2,340.00		6,325.68	4		9,250.00		9,250.00	747
8,500.00	2,000.00		10,500.00	5	2	5,400.00	1,200.00	6,600.00	748
176,053.14		2,160.00	178,213.14	32	3	34,281.00	1,716.00	35,997.00	749
4,278.60			4,278.60	3		2,081.00		2,081.00	750
6,824.00	2,380.00	339.00	9,543.00	2		2,600.00		2,600.00	751
6,000.00	988.00	250.00	7,238.00	2		2,400.00		2,400.00	752
2,200.00	800.00		3,000.00	2	1	2,400.00	500.00	2,900.00	753
13,728.00	1,022.00	308.00	15,058.00						754
22,700.00	5,154.00		27,914.00	4	3	6,400.00	1,976.00	8,376.00	755
40,495.54	13,052.00	624.00	54,171.54	25	13	43,070.56	8,680.36	51,750.92	756
17,752.51	694.08		18,446.59	5	1	8,155.73	840.00	8,995.73	757
675.00	2,500.00		3,175.00	2		5,000.00		5,000.00	758
30,631.47	23,396.53	132.78	54,130.78	8	1	38,322.71	1,175.00	39,497.71	759
37,735.00	2,480.00		40,205.00	50	3	30,579.00	2,106.00	32,685.00	760
12,750.00			12,750.00						761
2,772.61			2,772.61						762
15,106.74			15,106.74	2		1,800.00		1,800.00	763
38,100.00			38,100.00	10		7,500.00		7,500.00	764
215,133.78			215,133.78	35	2	34,861.02	1,190.00	36,051.02	765
2,900.35			2,900.35	9	2	14,089.30	1,380.00	15,469.30	766
11,321.00			11,321.00	9	3	8,500.00	1,500.00	10,000.00	767
3,600.00			3,600.00	3	1	3,380.00	500.00	3,880.00	768
4,582.94	1,360.63	240.57	6,134.14	33	4	36,100.00	2,400.00	38,500.00	770
				11	1	9,000.00	600.00	9,600.00	771
709.35	5,700.00		6,409.35	1		1,300.00		1,300.00	772
30,000.00	41,500.00		71,500.00	7		18,800.00		18,800.00	773
7,801.38	1,136.25		8,937.63	3	1	2,841.50	600.00	3,341.50	774
				5	1	2,672.00	260.00	2,932.00	775

TABLE No. 1—

POLK

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907: Adult males	Adult females	Children under 16	Hrs. w'k'd per day	Days in operation during 1907	Change in wages in per cent for year 1907: Per cent of increase	Per cent of decrease
776	Steel roof mfg.	1	6	------	------	9	310	------	------
777	Steel stamp mfg.	1	31	3	------	9	313	------	------
778	Stove and furnace castings mfg.	1	17	------	------	9	310	------	------
779	Structural iron	1	134	------	------	10	305	------	------
780	Suspender mfg.	1	2	14	------	9	310	------	------
781	Tanning of hides	1	------	------	------	9	313	------	------
782	Telephone	1	48	56	------	9	335	10%	------
783	Telephone	1	------	------	------	8	313	------	------
784	Tent and awning mfg.	1	4	3	------	10	310	------	------
785	Thresher mach. salesroom	1	5	------	------	9	310	------	------
786	Threshing machine mfg.	1	------	------	------	9	310	------	------
787	Threshing mach. eng. mfg.	1	26	------	------	10	310	------	------
788	Trunks mfg.	1	5	------	------	9	313	7%	------
789	Wagon mfg.	1	9	1	------	10	305	------	------
790	Wire fence mfg.	1	10	9	------	9	300	------	10%
791	Woolen clothes mfg.	1	20	30	------	10	300	------	------
792	Working clothes mfg.	1	4	39	------	9½	280	------	------
793	Wrapper & petticoat mfg.	1	1	25	------	9½	300	------	------

POTTAWATTAMIE

794	Agricultural imp. mfg.	1	48	------	------	10	310	------	------
795	Alfalfa feed mfg.	1	12	------	------	10	310	------	------
796	Basket mfg.	1	1	4	3	10	300	------	------
797	Bee hives and water tanks mfg.	1	24	1	------	10	308	------	------
798	Bottling works	1	6	------	------	10	308	10%	------
799	Brick mfg.	1	7	------	------	10	200	------	------
800	Brick and tile mfg.	1	7	------	1	10	110	14%	------
801	Cigar mfg.	1	3	4	------	9	280	------	------
802	Clothing (retail)	1	------	------	------	------	------	------	------
803	Commission and storage	1	------	------	------	15	245	------	------
804	Crockery (retail)	1	------	------	------	10½	311	------	------
805	Drugs (wholesale)	1	16	------	------	9	300	5%	------
806	Elevator and scales mfg.	1	52	------	------	10	300	15%	------
807	Farm imp. mfg.	1	4	------	------	10	310	12½%	------
808	Farm imp. (wholesale)	1	3	------	------	10	310	10%	------
809	Farm imp. (wholesale)	1	------	------	------	10	310	------	------
810	Farm imp. (wholesale)	1	8	------	------	10	310	------	------
811	Flour mfg.	1	8	------	------	10-11	300	5%	------
812	Foundry and mfg.	1	31	------	------	10	310	------	------
813	Gas and electricity mfg.	1	46	------	------	10	365	------	------
814	Gas for railway car lighting mfg.	1	18	------	------	12	365	10%	------
815	Grocers (wholesale)	1	------	------	------	------	------	------	------
816	Hardware (wholesale)	1	20	1	------	10	300	------	------
817	Hotel	1	31	8	------	9	365	10%	------
818	Hotel	1	------	------	------	12	365	------	------
819	Hotel	1	6	8	------	12	365	------	------
820	Ice mfg.	1	------	------	------	12	365	------	------
821	Laundry	1	9	50	------	10	310	15%	------
822	Liquors (wholes. and ret.)	1	------	------	------	16	300	------	------
823	Oils and grease	1	2	------	------	10	310	------	------
824	Planing mill	1	9	------	------	8½	308	------	------
825	Planing mill	1	29	------	------	9½	310	15%	------
826	Publishing newspaper	1	94	6	------	8	365	------	------
827	Railway repair shop	1	19	------	------	11	365	10%	------
828	Railway repair shop	1	55	------	------	10	365	------	------
829	Railway repair shop	1	122	------	------	10	313	------	------

(CONTINUED).

CONNTY—Continued

Total amount paid in wages during 1907: Adult Males	Adult females	Children under 16	Total	Superintendents, managers, clerks and other salaried employes: Number: Men	Number: Women	Total amount paid in salaries during the year 1907: Men	Women	Total	Marginal Number
3,500.00	------	------	3,500.00	------	------	------	------	------	776
17,763.28	767.50	------	18,530.78	3	------	4,146.14	------	4,146.14	777
11,300.00	------	------	11,300.00	2	2	6,300.00	1,500.00	7,800.00	778
78,950.00	------	------	78,950.00	33	3	43,090.00	1,228.00	45,318.00	779
537.00	2,986.96	------	3,523.96	2	2	2,666.68	730.00	3,396.68	780
------	------	------	------	4	------	2,850.00	------	2,850.00	781
35,700.00	19,275.00	------	54,975.00	16	3	9,392.00	1,434.00	10,826.00	782
------	------	------	------	34	21	42,160.00	10,140.00	52,300.00	783
1,672.00	952.00	------	2,624.00	------	1	------	520.00	520.00	784
3,650.00	------	------	3,650.00	8	1	10,575.00	572.00	11,147.00	785
------	------	------	------	6	1	7,900.00	600.00	8,500.00	786
17,811.17	------	------	17,811.17	3	1	4,900.00	520.00	5,420.00	787
3,120.00	------	------	3,120.00	1	------	936.00	------	936.00	788
4,435.34	780.00	------	5,215.34	------	------	------	------	------	789
6,000.00	2,300.00	------	8,300.00	1	1	5,000.00	500.00	5,500.00	790
12,000.00	13,533.48	------	25,533.48	1	------	2,000.00	------	2,000.00	791
2,000.00	10,000.00	------	12,000.00	2	------	3,150.00	------	3,150.00	792
594.00	6,686.90	------	7,280.90	2	1	1,920.00	720.00	2,640.00	793

COUNTY.

$ 25,835.98	------	------	$ 25,835.98	4	1	$ 6,700.00	$ 546.00	$ 7,246.00	794
8,122.72	------	------	8,122.72	4	1	6,658.00	480.00	7,138.00	795
570.00	1,250.00	925.00	2,745.00	1	------	600.00	------	600.00	796
13,300.00	200.00	------	13,500.00	1	------	1,200.00	------	1,200.00	797
4,000.00	------	------	4,000.00	4	------	4,000.00	------	4,000.00	798
3,000.00	------	------	3,000.00	------	------	------	------	------	799
1,696.95	------	112.00	1,809.55	1	------	417.00	------	417.00	800
1,200.00	1,750.00	------	2,950.00	1	------	660.00	------	660.00	801
------	------	------	------	6	2	5,380.00	660.00	5,940.00	802
------	------	------	------	5	3	3,811.75	962.50	4,774.25	803
------	------	------	------	10	6	6,151.00	1,872.40	8,023.40	804
8,642.60	------	------	8,642.60	------	------	------	------	------	805
38,875.00	------	------	38,875.00	5	1	7,080.00	470.00	7,550.00	806
2,430.55	------	------	2,430.55	1	1	1,200.00	520.00	1,720.00	807
1,442.98	------	------	1,442.98	15	1	14,320.00	120.00	14,500.00	808
------	------	------	------	6	2	8,856.00	1,500.00	10,356.00	809
6,686.08	------	------	6,686.08	------	------	24,340.00	3,480.00	27,820.00	810
3,178.46	------	------	3,178.46	3	------	3,300.00	------	3,300.00	811
24,178.68	------	------	24,178.68	3	------	2,780.00	------	2,780.00	812
21,509.59	------	------	21,509.59	8	------	7,040.00	------	7,040.00	813
10,691.52	------	------	10,691.52	1	------	1,200.00	------	1,200.00	814
------	------	------	------	51	------	63,820.00	------	63,820.00	815
16,200.00	600.00	------	16,800.00	22	1	21,760.00	600.00	22,360.00	816
26,642.00	2,563.00	------	29,205.00	4	4	2,820.00	1,800.00	4,620.00	817
------	------	------	------	4	6	1,260.00	1,650.00	2,910.00	818
4,824.00	3,480.00	------	8,304.00	------	------	------	------	------	819
------	------	------	------	9	------	11,155.00	------	11,155.00	820
6,838.00	14,000.00	------	20,838.00	2	------	4,800.00	------	4,800.00	821
------	------	------	------	6	------	6,120.00	------	6,120.00	822
1,326.00	------	------	1,326.00	3	2	3,780.00	1,300.00	5,080.00	823
6,000.00	------	------	6,000.00	------	------	------	------	------	824
17,311.92	------	------	17,311.92	4	------	4,350.00	------	4,350.00	825
74,291.44	3,300.00	------	77,591.44	------	------	------	------	------	826
14,513.00	------	------	14,513.00	1	------	1,440.00	------	1,440.00	827
39,432.54	------	------	39,432.54	3	------	6,540.00	------	6,540.00	828
72,844.90	------	------	72,844.90	6	1	5,690.45	172.00	5,862.45	829

TABLE No. 1—

POTTAWATTAMIE

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907			Hrs. w'rked per day	Days in operation during 1907	Change in wages in per cent for year 1907	
			Adult males	Adult females	Children under 16			Per cent of increase	Per cent of decrease
830	Railway repair shop	1	608			10	315	7%	
831	Railway repair shop	1	50			9	365		
832	Shirt mfg.	1		48		9½	307	6½%	
833	Street railway	1	104			10	365	5%	
834	Vehicle mfg.	1	56	3		9	182	2%	
835	Wagon mfg.	1	22			10	283	5%	
	POWESHIEK								
836	Brick and tile	1	5			10	120		
837	Creamery	1				10–12	365		
838	Electric light and power	1	8			12	365	8%	
839	Glove mfg.	1	52	35		7–8	310	7%	
840	Hardware (retail)	1	7	1		10	310		
841	Poultry, eggs and butter	1	7			8	310		
842	Printing and publishing	1	8	12		10	313	10%	
843	Telephone	1	2	3		9	365		
	SAC								
844	Laundry	1	2	2		10	312		
845	Poultry, butter and eggs	1	5			8	208		
846	Printing and publishing	1	3	2		9	310	10%	
	SCOTT								
847	Bakery (wholes. and ret.)	1	23			10	110	6%	
848	Barley malt mfg.	1	18			9	280	5%	
849	Boiler repair and mfg.	1	15			10	315	8%	
850	Bottling of soda water	1	5			10	155		
851	Brick mfg.	1	4			10	100		
852	Carpet mfg.	1	6			10	310		
853	Cigar mfg.	1	4	2		9	300		5%
854	Cigar mfg.	1	5	23		9	293		
855	Cigar mfg.	1	6	2		8–9	300		
856	Cigar mfg.	1	5	1		8	310		
857	Cigar mfg.	1	28	39	1	9	303		
858	Cigar mfg.	1	6	1		8	285		
859	Cigar mfg.	1	32	77	16	10	310	10%	
860	Cigar mfg.	1	35	62	5	8	302		
861	Cigar mfg.	1	19	8		8	310		
862	Cigar box mfg.	1	10	19		9	305		
863	Clothing (retail)	1				9	305		
864	Clothing (retail)	1	1			8	305		
865	Clothing (retail)	1				11	305		
866	Coffee roasting and spice grinding	1	19	17		9½	305		
867	Confectionery mfg.	1	10	20	10	10	300	3%	
868	Crackers and biscuit mfg.	1	59	83	3	10	298	10%	
869	Creamery	1	13	2		10	310		10%
870	Crockery (wholesale)	1	5			9	305		
871	Crockery & glassware ret.	1				8	307		
872	Department store	1	36	119		8½	307		
873	Dry goods	1							
874	Dry goods	1	33	1		9	305	10%	
875	Flour mfg.	1	19			10	257	15%	

(CONTINUED).

COUNTY—Continued

Marginal Number	Total amount paid in wages during 1907				Superintendents, managers, clerks and other salaried employes				
	Adult Males	Adult females	Children under 16	Total	Number		Total amount paid in salaries during the year 1907		
					Men	Women	Men	Women	Total
830	309,834.00			309,834.00	14		15,135.00		15,135.00
831	35,889.76			35,889.76	3		3,000.00		3,000.00
832	12,063.45			12,063.45	2	1	1,092.00	936.00	2,028.00
833	74,832.68			74,832.68					
834	32,200.00	728.00		32,928.00	5	2	9,300.00	1,620.00	10,920.00
835	12,296.27			12,296.27	3		3,100.00		3,100.00
	COUNTY.								
836	$ 1,200.00			$ 1,200.00					
837					14	3	6,058.00	1,248.00	7,306.00
838	6,590.00			6,590.00	1	1	2,400.00	468.00	2,868.00
839	21,549.18	13,357.22		34,906.40	8	6	5,056.72	2,895.97	7,952.69
840	4,800.00	200.00		5,000.00					
841	3,077.42			3,077.42	1		924.00		924.00
842	4,600.00	3,850.00		8,450.00					
843	1,140.00	870.00		2,010.00	1		720.00		720.00
	COUNTY.								
844	$ 520.00	$ 1,040.00		$ 1,560.00					
845	1,583.14			1,583.14	1		$ 699.00		$ 699.00
846	1,924.00	418.00		2,342.00					
	COUNTY.								
847	$ 15,571.45			$ 15,571.45	3	2	$ 3,000.00	$ 780.00	$ 3,780.00
848	15,519.40			15,519.40	4		5,700.00		5,700.00
849	9,000.00			9,000.00	5		4,483.00		4,483.00
850	3,693.50			3,693.50					
851	2,583.75			2,583.75					
852	4,093.96			4,093.96	3	2	4,080.00	620.00	4,700.00
853	3,089.07	454.26		3,543.33					
854	7,852.00	3,926.00		11,778.00	4		5,100.00		5,100.00
855	2,880.00	576.00		3,456.00					
856	2,900.00	256.00		3,156.00					
857	14,025.00	15,525.00	250.00	29,800.00	2	1	4,000.00	136.00	4,136.00
858	3,020.00	330.00		3,350.00					
859	22,133.00	33,360.00	2,496.00	57,989.00	5		7,400.00		7,400.00
860	23,147.88	29,988.40	1,275.00	53,411.28	6	2	4,940.00	1,196.00	6,136.00
861	11,718.25	1,456.00		13,174.25					
862	5,500.00	6,000.00		11,500.00	3		4,500.00		4,500.00
863					10	2	12,096.00	900.00	12,996.00
864	832.00			832.00	6	1	4,524.00	240.00	4,764.00
865					7		6,292.00		6,292.00
866	11,727.00	3,328.00		15,055.00	15	3	35,287.14	1,800.00	37,087.14
867	6,600.00	3,600.00	1,800.00	12,000.00	13	3	12,944.00	1,328.00	14,272.00
868	43,680.00	18,148.00	780.00	62,608.00	8	3	12,158.00	2,002.00	14,160.00
869	7,178.91	780.00		7,958.91	6		4,692.00		4,692.00
870	3,632.78			3,632.78	3	1	12,015.12	600.00	12,615.12
871					12	5	10,446.00	1,924.00	12,370.00
872	23,718.00	39,530.00		63,248.00	3		14,600.00		14,600.00
873					4	15	5,240.00	9,000.00	14,240.00
874	20,730.38	312.00		21,042.38	3		6,350.00		6,350.00
875	11,000.00			11,000.00	4	2	4,550.00	1,200.00	5,750.00

TABLE No. 1—

SCOTT

Marginal Number	Character of Industry	Num-ber estab-lish-ments re-port-ing	Average number of wage-earners for 1907			Hrs. w'rk-ed per day	Days in op-era-tion dur-ing 1907	Change in wages in per cent for year 1907	
			Adult males	Adult fe-males	Chil-dren un-der 16			Per cent of in-crease	Per cent of de-crease
876	Flour mfg.	1	10			10	251		
877	Flour mfg.	1	5			11			
878	Foundry and mach. shop	1	35			10	308		
879	Foundry	1	75			10	303	10%	
880	Fruits & produce (wholes.)	1							
881	Fruits and veg. (wholes.)	1	13			9	305		
882	Fur garment mfg.	1	6	10		9	290		
883	Gas and elect. mfg.	1	161			12	365		
884	General mdse. (retail)	1	4			10	300		
885	Grain	1	16			10	300		
886	Grain	1	8			10	307		
887	Grocers (wholesale)	1				10	305		
888	Grocers (wholesale)	1	11	1		10	305		
889	Grocers (wholesale)	1	9			10	305		
890	Hardw. (wholes. and ret.)	1							
891	Hardware (wholesale)	1							
892	Hardware (wholesale)	1	3			10	307		
893	Hotel	1	20	15		12	365		
894	Ice crushers mfg.	1	8			9½	305		
895	Ladder mfg.	1	5			10	305	10%	
896	Laundry for railway din-ing cars	1	5	11		9	314	20%	
897	Liquors (wholesale)	1				11	300		
898	Liquors (wholesale)	1							
899	Locomotive mfg.	1	258			10	288	7½%	
900	Lumber yard	1	110			10	305	7%	
901	Macaroni and cracker mfg.	1	59	54	20	10	305		
902	Monument mfg.	1	15			10	305		
903	Oil products	1	4	68	8	8-9½	300		
904	Overall mfg.	1	2	5		9½	300		
905	Paper box mfg.	1	67	74	2	10	285		
906	Pearl buttons	1	19	9		9½			
907	Pearl button mfg.	1	15	5		9-10	300		
908	Pickles and vinegar mfg.	1	20	10	1	8	305		
909	Printing and binding	1				8	307		
910	Printing	1	20	1	2	8	305		
911	Publishing newspaper	1	78			10	304		
912	Pump mfg.	1	118			9½	300	9½%	
913	Railroad repair shop	1	23			10	305		
914	Rug mfg.	1	25			10	305	5%	
915	Saddlery mfg.	1	72		1	10	313	10%	
916	Sash and door mfg.	1	119			9	303		
917	Sash and door mfg.	1	22			9	297		
918	Sash and door mfg.	1				10	305		
919	Shoes (wholesale)	1							
920	Slaughtering cattle and hogs	1	5			10	305		8%
921	Stair work and fixtures	1	16			10	300	10%	
922	Steel Ry. car axle mfg.	1	465			10	300		
923	Street railway	1	478			10	365		
924	Telephone	1	33	51		9	365		
925	Tin can mfg.	1	327	90	30	10	281		
926	Wagon mfg.	1	25			10	308		
927	Washing machine mfg.	1	47		3	10	293	9%	
928	Washing machine mfg.	1	52		7	10	289	8%	
929	Washing machine mfg.	1	37		4	10	270	10%	
930	Water supply	1	12			10	365		
931	Woolen goods mfg.	1	16	29		10	305	5%	

(CONTINUED).

COUNTY—Continued

Total amount paid in wages during 1907				Superintendents, managers, clerks and other salaried employes					Marginal Number
				Number		Total amount paid in salaries during the year 1907			
Adult Males	Adult females	Chil-dren under 16	Total	Men	Wo-men	Men	Women	Total	
5,917.60			5,917.60	5		6,600.00		6,600.00	876
3,216.00			3,216.00	1		900.00		900.00	877
24,549.00			24,549.00	2	2	1,980.00	1,020.00	3,000.00	878
48,414.71			48,414.71	5	1	6,360.00	480.00	6,840.00	879
				17	3	13,000.00	2,000.00	15,000.00	880
8,100.00			8,100.00	3	2	3,300.00	1,440.00	4,740.00	881
5,300.00	3,328.00		8,528.00	4		5,700.00		5,700.00	882
84,325.00			84,325.00	24	3	10,993.08	1,050.00	12,043.08	883
2,830.00			2,830.00						884
10,084.51			10,084.51	14	5	24,522.42	2,020.00	26,542.42	885
5,573.85			5,573.85	5	1	5,900.00	424.00	6,324.00	886
				16	2	14,300.00	1,200.00	15,500.00	887
5,856.00	364.00		6,220.00	13	2	16,376.00	1,404.00	17,780.00	888
5,252.00			5,252.00	11		13,414.00		13,414.00	889
				13	3	14,108.00	1,465.00	15,573.00	890
				19	3	19,643.23	1,920.00	21,563.23	891
1,800.00			1,800.00	4		3,240.00		3,240.00	892
8,250.00	3,750.00		12,000.00						893
4,600.00			4,600.00	1	2	1,320.00	728.00	2,048.00	894
2,112.30			2,112.30	1	1	1,200.00	300.00	1,500.00	895
2,612.63	2,965.23		5,577.86						896
				7	1	5,500.00	572.00	6,072.00	897
				5		4,250.00		4,250.00	898
179,895.99			179,895.99	28	3	44,413.47	1,851.00	46,264.47	899
67,248.74			67,248.74	8	1	8,910.00	572.00	9,482.00	900
32,602.00	10,709.00	3,120.00	46,431.00	18	4	21,263.00	1,080.00	22,343.00	901
11,000.00			11,000.00	1		1,500.00		1,500.00	902
				21	1	21,750.00	600.00	22,350.00	903
2,433.74	16,724.64	1,200.00	20,358.38	19	2	13,595.45	1,140.00	14,735.45	904
1,612.00	1,560.00		3,172.00	1		1,400.00		1,400.00	905
42,054.48	21,979.48	334.00	64,367.96	14	2	11,080.00	936.00	12,016.00	906
4,980.51	810.28		5,790.79	2	1	832.33	185.60	1,018.93	907
9,050.00	1,210.00		10,260.00	6		5,800.00		5,800.00	908
14,585.47	2,780.47	129.40	17,445.34	3	1	3,036.00	849.50	3,885.50	909
				5		3,180.00		3,180.00	910
14,170.00	910.00	416.00	15,496.00	19	9	20,500.00	3,900.00	24,400.00	911
52,000.00			52,000.00	10	2	16,200.00	1,000.00	17,200.00	912
72,191.25			72,191.25	9		7,800.00		7,800.00	913
8,580.00			8,580.00	3		3,060.00		3,060.00	914
14,081.02			14,081.02	9	1	9,340.00	312.00	9,652.00	915
36,352.60		50.85	36,403.45	22	28	26,427.53	11,997.91	38,425.44	916
69,677.24			69,677.24	10	2	13,044.92	900.00	13,944.92	917
13,970.15			13,970.15	3		3,120.00		3,120.00	918
				14		16,860.00		16,860.00	919
4,082.00			4,082.00	2		1,600.00		1,600.00	920
12,400.00			12,400.00						921
312,223.74			312,223.74	56	4	70,000.00	2,500.00	72,500.00	922
255,186.39			255,186.39	22		15,780.95		15,780.95	923
99,037.00	18,247.00		44,284.00	7	4	5,307.00	2,020.00	7,327.00	924
129,466.40	17,261.85	8,431.00	155,359.65	4	2	4,380.00	1,020.00	5,400.00	925
13,139.10			13,139.10	5	2	6,220.00	800.00	7,020.00	926
25,514.50		832.00	26,346.50	5	5	9,718.37	2,392.00	12,110.37	927
24,696.15		1,304.00	26,000.15	8	4	18,200.00	1,776.00	20,036.00	928
35,004.96		1,940.00	36,944.96	5	2	5,976.00	1,196.00	7,172.00	929
7,338.78			7,338.78	22	2	21,250.00	1,311.00	22,561.00	930
10,260.00	7,764.75		18,024.75	4	1	4,500.00	600.00	5,100.00	931

TABLE No. 1—

SHELBY

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907: Adult males	Adult females	Children under 16	Hrs. wrkd per day	Days in operation during 1908	Change in wages in per cent for year 1907: Per cent of increase	Per cent of decrease
932	Brick and tile mfg.	1	7			9	110	12½%	
933	Gas engine mfg.	1	11			10	300	15%	

SIOUX

934	Flour mfg.	1	2			11	285	20%	
935	Flour mfg.	1	15			11	300		
936	Printing and publishing	1				8	307		
937	Railway repair shop	1	24			10	365	9%	

STORY

938	Brick and tile mfg.	1	6			10	175		
939	Butter tub mfg.	1	10			9	260		
940	Electric light & water wks.	1	4			10	238		
941	Poultry dressing and shipping	1	14			10	250		
942	Publishing newspaper	1	7			9	305		
943	Publishing newspaper	1	5	1		9	313	8⅓%	
944	Telephone	1	2	4		9	365		

TAMA

945	Brick and tile mfg.	1	14			10	280		
946	Brick and tile mfg.	1	6			10	150		
947	Interurban railway	1	1			9½	365	12%	

TAYLOR

948	Brick and tile mfg.	1	7			9	125		

UNION

949	Brick and tile mfg.	1	30			10	257		
950	Hotel	1	11	18		8	365		
951	Laundry	1	5	12		8½	300		
952	Liquor (retail)	1	1			10	300		
953	Printing and book binding	1	3	3		9	305		
954	Ptg. and pub. newspaper.	1	5	2	15	9	312		
955	Ptg. and pub. newspaper.	1	8	2	7	9	305		
956	Produce (wholesale)	1	89	7		10	313		
957	Railway repair shop	1	78			10	320	10%	
958	Sheet metal roof mfg.	1				10	305		
959	Telephone	1	2	2		9	365		

VAN BUREN

960	Clothing mfg.	1	26	34		10	308	10%	

(CONTINUED).

COUNTY.

Total amount paid in wages during 1907: Adult Males	Adult females	Children under 16	Total	Superintendents, managers, clerks and other salaried employes: Number: Men	Number: Women	Total amount paid in salaries during the year 1907: Men	Women	Total	Marginal Number
$ 2,947.33			$ 2,947.33	1		$ 205.00		$ 205.00	932
6,341.98			7,800.00	2		1,920.00		1,920.00	933

COUNTY.

$ 550.00			$ 550.00	4		$ 2,880.00		$ 2,880.00	934
7,800.00			7,800.00	2	1	1,500.00	720.00	2,220.00	935
				3	4	1,800.00	870.00	2,670.00	936
12,498.08			12,498.08	1		985.00		985.00	937

COUNTY.

$ 3,000.00			$ 3,000.00						938
3,580.56			3,580.56						939
3,394.05			3,394.05	4	1	$ 2,340.00	$ 247.79	$ 2,587.79	940
5,600.00			5,600.00						941
3,360.00			3,360.00						942
2,744.00	330.00		3,104.00						943
1,292.00	1,086.65		2,378.65	1		750.00		750.00	944

COUNTY.

$ 5,737.54			$ 5,737.54	1		$ 1,000.00		$ 1,000.00	945
2,540.00			2,540.00						946
600.00			600.00	15		11,140.00		11,140.00	947

COUNTY.

$ 1,400.00			1,400.00						948

COUNTY.

$ 15,000.00			$ 15,000.00						949
2,856.96	3,267.88		6,124.84						950
2,750.00	3,050.00		5,800.00						951
225.00			225.00	3		2,220.00		2,220.00	952
1,200.00	635.00		1,835.00	2		1,540.00		1,540.00	953
2,800.00	800.00		3,600.00	3	3	4,500.00	1,000.00	5,500.00	954
9,346.00	832.00	314.00	10,492.00	1		1,500.00		1,500.00	955
35,800.00	3,800.00		39,600.00	2	1	1,960.00	440.00	2,400.00	956
60,750.28			60,750.28	8		9,360.00		9,360.00	957
				15		3,100.00		3,100.00	958
955.00	408.00		1,363.00	1		600.00		600.00	959

COUNTY.

$ 11,975.57	$ 6,701.92		$ 18,677.49	2		$ 2,080.00		$ 2,080.00	960

TABLE No. 1—

WAPELLO

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907			Hrs. w'rked per day	Days in operation during 1907	Change in wages in per cent for year 1907	
			Adult males	Adult females	Children under 16			Per cent of increase	Per cent of decrease
961	Box car loader mfg.	1	159			10	308	7%	
962	Brick and tile mfg.	1	8			9	150		
963	Carpenter tool mfg.	1	25			9	300		
964	Cigar mfg.	1	25	50		9	305	10%	
965	Cigar mfg.	1	7	11	4	9	303	10%	
966	Cigar mfg.	1	6		3	8	300		
967	Cigar mfg.	1	11	9		10	300		
968	Coal mining tools mfg.	1	24	23		9	308		
969	Coal mining tools mfg.	1	27	16		9	300		
970	Confectionery mfg.	1	6	12		10	300	20%	
971	Confectionery mfg.	1	27	56		10	300	10%	
972	Drugs (wholesale)	1				10	312		
973	Fruit and prod. (wholes.)	1				10	305		
974	Groceries (wholesale)	1	11			10	305		
975	Groceries (wholesale)	1	6		1	10	305		
976	Handle mfg.	1	10			10	310		
977	Hardware (wholesale)	1	15			9	310	10%	
978	Hardware (wholesale)	1	11			10	305		
979	Haying mach'y mfg.	1	217			10	305	1%	
980	Laundry	1	17	48		9½	305		
981	Liquors (wholes. and ret.)	1				10			
982	Liquors (wholesale)	1							
983	Liquors (wholesale)	1							
984	Mill construction work	1	60			9	308		
985	Oil products	1							
986	Oil products	1	5			10	308		
987	Pickles mfg.	1	2			8	305		
988	Pork and beef packing	1	917	72	125	8-9	308	5%	
989	Poultry, butter and eggs	1	24	7		9	305		
990	Publishing newspaper	1	13			8	312	10%	
991	Railway repair shop	1	177			10	365	10%	
992	Rock drill mfg.	1	42			9	296	16%	
993	Telephone	1	10	10		9	365		

WARREN

994	Printing and publishing	1				10	312		
995	Printing and publishing	1				10	310		
996	Telephone	1	1	4		9	365		

WASHINGTON

997	Brick and tile mfg.	1	12			10	300		
998	Brick and tile mfg.	1	5			10	190		
999	Brick and tile mfg.	1	7			10	236	10%	
1000	Carriage mfg.	1	8			8-10	305		

(CONTINUED).

COUNTY.

Total amount paid in wages during 1907				Superintendents, managers, clerks and other salaried employes				Marginal Number
				Number		Total amount paid in salaries durig the year 1907		
Adult Males	Adult females	Children under 16	Total	Men	Women	Men	Women	Total	
$ 89,264.00			$ 89,264.00	12	2	$ 17,000.00	$ 1,800.00	18,800.00	991
2,400.00			2,400.00						992
15,015.31			15,015.31	3	2	2,590.00	780.00	3,370.00	993
11,000.00	20,000.00		31,000.00	9		12,000.00		12,000.00	994
4,177.92	3,046.78	530.90	7,755.60	3	1	2,366.50	179.00	2,545.50	995
3,646.30		400.20	4,046.50						996
7,154.15	2,989.81		10,180.96	1	1	520.00	520.00	1,040.00	997
14,718.91	7,763.63		22,482.54	8	1	9,300.00	780.00	10,080.00	998
15,000.00	6,000.00		21,000.00	5	1	6,600.00	600.00	7,200.00	999
2,084.39	2,084.00		4,168.39	5	6	2,742.00	360.00	3,102.00	970
12,690.00	13,148.80		25,838.80	15		18,084.98		18,084.98	971
				36	4	32,037.00	1,655.00	33,692.00	972
				19	3	15,903.00	1,257.00	17,160.00	973
6,000.00			6,000.00	16	3	14,700.00	1,440.00	16,140.00	974
3,640.00		270.00	3,910.00	15		12,840.00		12,840.00	975
4,996.92			4,996.92	2		1,777.50		1,777.50	976
14,000.00			14,000.00	7	2	7,200.00	1,200.00	8,400.00	977
5,280.00			5,280.00	12	2	13,560.00	770.00	14,330.00	978
121,060.34			121,060.34	21	3	26,984.00	1,092.00	28,076.00	979
13,832.00	15,340.00		29,172.00	2	5	2,930.00	2,080.00	5,010.00	980
				8		6,084.00		6,084.00	981
				8		7,748.00		7,748.00	982
				4		3,200.00		3,200.00	983
34,279.98			34,279.98	4		6,180.00		6,180.00	984
				7	1	4,680.00	480.00	5,160.00	985
2,930.00			2,930.00	1	1	1,000.00	480.00	1,480.00	986
1,500.00			1,500.00	2	2	1,200.00	180.00	1,380.00	987
476,949.98	15,600.00	*	519,173.98	136	3	141,451.16	1,177.50	142,628.66	988
*326,624.00									
8,489.02	2,829.64		11,318.66	3		2,694.00		2,694.00	989
13,252.99			13,252.99	6	18	6,238.00	10,000.00	16,238.00	990
59,707.01			59,707.01	7		6,814.00		6,814.00	991
26,017.00			26,017.00	3	1	3,900.00	680.00	4,580.00	992
7,025.00	2,980.00		10,005.00	3	1	1,980.00	330.00	2,310.00	993

COUNTY.

				3	3	$ 1,700.00	$ 800.00	$ 2,500.00	994
				3	5	1,200.00	1,200.00	2,400.00	995
$ 540.00	$ 859.00		$ 1,399.00	1		660.00		660.00	996

COUNTY.

$ 4,000.00			$ 4,000.00						997
1,373.44			1,373.44						998
2,503.03			2,503.03						999
3,000.00			3,000.00						1000

TABLE No. 1—

WEBSTER

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907			Hrs. w'rked per day	Days in operation during 1907	Change in wages in per cent for year 1907	
			Adult males	Adult females	Children under 16			Per cent of increase	Per cent of decrease
1001	Brick and tile mfg.	1	23			10	280	12%	
1002	Brick and tile mfg.	1	60			10	305	25%	
1003	Butter tub mfg.	1	35		4	10	271	10%	
1004	Clothing mfg.	1	12	2		10	300		
1005	Concr. bldg. material mfg.	1	7			10	250		12½%
1006	Confectionery mfg.	1	4	9		10	300		
1007	Drugs (wholes. and retail)	1				12	305		
1008	Hardware (wholes. & ret.)	1				10	320		
1009	Hotel	1	8	13		9-14	365		
1010	Laundry	1	7	20		9	310	10%	
1011	Paint mfg.	1	12			10	305		
1012	Planing mill and mfg.	1	50			10	308		
1013	Plaster mfg.	1	148			12	300		
1014	Plaster mfg.	1	87			12	230		
1015	Printing and publishing	1	6			8	311	20%	
1016	Railway repair shop	1	19			10	305	10%	
1017	Shoe mfg.	1	88	66	29	10	305		
1018	Telephone	1	8	8		9	365		

WINNEBAGO

1019	Flour mfg.	1	2			11	355		
1020	Printing and publishing	1	4			10	305		

WINNESHIEK

1021	Electric light and power	1	4			10	365		
1022	Hotel	1				12	365		
1023	Laundry	1	3	5		10	313		
1024	Printing and publishing	1	4	1		9	293	10%	
1025	Publishing newspaper	1	7	1		10	300		
1026	Sash and door mfg.	1	22			10	307	10%	

WOODBURY

1027	Agricultural implements	1				10	305		
1028	Bakery	1	18			10	312		
1029	Bakery products	1	12	16		9-10	244		
1030	Bakery products	1	8	10		10	365	5%	
1031	Bakery (wholesale)	1	9	1		8-10	305	10%	
1032	Bottling soda water	1	9			10	305		
1033	Brick and tile mfg.	1	32			10	185		
1034	Brick mfg.	1	29			10		20%	
1035	Brick mfg.	1	8			10	150		
1036	Brick mfg.	1	80			10	250		
1037	Broom mfg.	1	10			9	310		
1038	Candy mfg.	1	20	20		10	305		
1039	Cement bldg. block mfg.	1	12			10	270	10%	
1040	Cigar mfg.	1	4			8	358		
1041	Cigar mfg.	1	9		3	8	305		
1042	Cigar mfg.	1	15	1		8	305		
1043	Cigar box mfg.	1	2	10	1	9-10	300		
1044	Clothing (retail)	1							
1045	Creamery	1	26	36	2	10	312	5%	
1046	Department store	1		95	19	10	307		
1047	Department store	1	87	125	25	9	305		

(CONTINUED).

COUNTY.

Total amount paid in wages during 1907				Superintendents, managers, clerks and other salaried employes					Marginal Number
				Number		Total amount paid in salaries during the year 1907			
Adult Males	Adult females	Children under 16	Total	Men	Women	Men	Women	Total	
$ 9,000.00			$ 9,000.00						1001
30,000.00			30,000.00						1002
18,233.07		1,150.00	19,383.07	1			$ 540.00	$ 540.00	1003
7,391.49	$ 698.09		8,089.58	8	1	$ 6,144.00	420.00	6,564.00	1004
3,200.00			3,200.00	1		750.00		750.00	1005
1,440.00	1,296.00		2,736.00	6		5,670.00		5,670.00	1006
				9		7,900.00		7,900.00	1007
				21	2	18,283.84	931.35	19,215.19	1008
2,900.00	3,000.00		5,900.00						1009
5,524.00	7,000.00		12,524.00	2		2,600.00		2,600.00	1010
7,500.00			7,500.00	1	3	1,400.00	2,000.00	3,400.00	1011
27,650.00			27,650.00	4	1	5,000.00	624.00	5,624.00	1012
90,787.26			90,787.26	5		6,960.00		6,960.00	1013
46,701.37			46,701.37						1014
8,111.99			8,111.99	2	1	900.00	728.00	1,628.00	1015
15,300.00			15,300.00						1016
45,025.36	17,556.72	5,109.76	67,691.84	17	2	16,953.64	1,041.45	17,995.09	1017
5,303.00	2,411.00		7,714.00	3		2,023.00		2,023.00	1018

COUNTY.

$ 1,460.00			$ 1,460.00	2		$ 1,380.00		$ 1,380.00	1019
2,700.00			2,700.00						1020

COUNTY.

$ 2,450.00			$ 2,450.00	2	1	$ 2,820.00	$ 420.00	$ 3,240.00	1021
				6	11	2,500.00	1,900.00	4,400.00	1022
1,451.00	1,506.00		2,960.00						1023
2,392.00	284.00		2,676.00			2,700.00		2,700.00	1024
3,328.00	300.00		3,628.00						1025
12,101.19			12,101.19	3		3,080.00		3,080.00	1026

COUNTY.

				5		$ 3,540.00		$ 3,540.00	1027
$ 13,240.00			$ 13,240.00	3		3,120.00		3,120.00	1028
7,126.00	3,915.00		11,041.00	3	3	10,200.00	2,160.00	12,360.00	1029
9,000.00	3,000.00		12,000.00	2		2,500.00		2,500.00	1030
6,292.00	364.00		6,656.00						1031
6,261.80			6,261.80	3	2	5,400.00	840.00	6,240.00	1032
21,241.55			21,241.55	3		1,700.00		1,700.00	1033
13,881.87			13,881.87						1034
1,709.00			1,709.00	1		400.00		400.00	1035
41,888.29			41,888.29	3		3,400.00		3,400.00	1036
5,450.00			5,450.00	1		960.00		960.00	1037
14,206.75	9,870.00		24,076.75	8	3	10,800.00	2,000.00	12,800.00	1038
8,452.85			8,452.85	1	1	1,000.00	330.00	1,330.00	1039
2,240.00			2,240.00	2		663.00		663.00	1040
8,400.00		630.00	9,030.00						1041
10,932.85	600.00		10,932.85						1042
1,290.00	2,950.00	150.00	4,400.00						1043
				13	1	15,500.00	936.00	16,436.00	1044
13,053.49	12,751.64	459.30	26,264.43	78	4	58,743.18	2,578.05	61,321.23	1045
	25,220.18	1,744.21	26,964.39	37		44,253.39		44,253.39	1046
59,500.00	59,000.00	3,900.00	122,400.00	93	145	84,400.00	62,000.00	146,400.00	1047

TABLE No. 1—

WOODBURY

Marginal Number	Character of Industry	Number establishments reporting	Average number of wage-earners for 1907: Adult males	Adult females	Children under 16	Hrs. w'rk'd per day	Days in operation during 1907	Change in wages in per cent for year 1907: Per cent of increase	Per cent of decrease
1048	Drugs (wholesale)	1	31	6	.....	9	305	.....	.....
1049	Dry goods	1	4	8	1	9	305	7%	.....
1050	Flour mfg.	1	30	.....	.....	10	300	.....	.....
1051	Flour and feed mfg.	1	8	.....	.....	10	250	10%	.....
1052	Flour and feed mfg.	1	4	.....	.....	12	320	.....	.....
1053	Foundry	1	32	.....	1	9	313	11%	.....
105	Fruit and prod. (wholes.)	1	.....	.....	.....	9	305	10%	.....
1055	Furniture (retail)	1	20	.....	.....	10	305	.....	.....
1056	Furniture and undertaking (wholesale)	1	.....	.....	.....	10	365	.....	.....
1057	Glass and paint (wholesale and retail)	1	.....	.....	.....	.....	.....	.....	.....
1058	Grocery (retail)	1	11	3	.....	10	305	.....	.....
1059	Grocery (wholes. and ret.)	1	11	2	.....	8-10	305	.....	.....
1060	Grocers (wholesale)	1	18	6	.....	10	305	8%	.....
1061	Grocery (wholesale)	1	24	2	.....	10	308	.....	.....
1062	Grocery (wholesale)	1	25	4	.....	9½	305	.....	.....
1063	Hardware (wholesale)	1	21	1	.....	10	313	10%	.....
1064	Hardware (wholesale)	1	46	.....	.....	10	309	5%	.....
1065	Harness and saddlery ret.	1	7	.....	.....	10	305	.....	.....
1066	Harness & saddlery wholes	1	17	.....	.....	10	313	.....	.....
1067	Jewelers (retail)	1	.....	.....	.....	10	309	.....	.....
1068	Laundry	1	10	22	.....	10	305	10%	.....
1069	Laundry	1	8	10	.....	10	313	.....	.....
1070	Laundry	1	4	5	.....	10	310	.....	.....
1071	Liquor (wholesale and ret.)	1	.....	.....	.....	9	305	.....	.....
1072	Liquor (wholesale and ret.)	1	6	.....	.....	10	305	.....	.....
1073	Liquor (wholesale and ret.)	1	.....	.....	.....	.....	.....	.....	.....
1074	Liquor (wholesale and ret.)	1	.....	.....	.....	17	305	.....	.....
1075	Liquor (wholesale)	1	4	.....	.....	10	300	.....	.....
1076	Meat packing	1	834	21	12	8-10	309	9 6-10%	.....
1077	Meats (wholesale)	1	2	.....	.....	9	345	.....	.....
1078	Oil products	1	.....	.....	.....	8	312	2%	.....
1079	Oil products	1	.....	.....	.....	.....	.....	.....	.....
1080	Plumbers supply (wholes.)	1	.....	.....	.....	.....	.....	.....	.....
1081	Poultry dressing	1	13	.....	.....	10	221	.....	.....
1082	Printing	1	11	.....	.....	9	313	.....	.....
1083	Printing and book mfg.	1	15	5	.....	8	306	11%	.....
1084	Printers supplies	1	18	.....	.....	8	312	.....	.....
1085	Publishing newspaper	1	34	2	58	8	311	.....	.....
1086	Publishing newspaper	1	.....	2	.....	8	313	.....	.....
1087	Railway repair shop	1	313	.....	.....	8-10	307	10%	.....
1088	Railway repair shop	1	50	.....	.....	10	305	10%	.....
1089	Sash and door mfg.	1	83	.....	3	10	308	10%	.....
1090	Shirt and overall mfg.	1	8	85	.....	9	305	.....	.....
1091	Stat fence mfg.	1	3	.....	.....	10	200	.....	.....
1092	Soap mfg.	1	20	14	3	10	305	7%	.....
1093	Soda water mfg.	1	6	.....	.....	10	305	.....	.....
1094	Street railway	1	213	.....	.....	10	365	.....	.....
1095	Telephone	1	22	42	.....	9	365	.....	.....
1096	Traction engine mfg.	1	7	.....	.....	10	305	.....	.....
1097	Water supply	1	.....	.....	.....	12	365	.....	.....

WRIGHT

1098	Brick and tile mfg.	1	8	.....	.....	10	200	10%	.....
1099	Railway repair shop	1	36	.....	.....	11	365	.....	.....
1100	Railway repair shops	1	138	.....	.....	10	310	9%	.....
1101	Telephone	1	2	4	.....	9	365	.....	.....

(CONTINUED).

COUNTY—Continued

Total amount paid in wages during 1907: Adult Males	Adult females	Children under 16	Total	Superintendents, managers, clerks and other salaried employes: Number: Men	Number: Women	Total amount paid in salaries during the year 1907: Men	Women	Total	Marginal Number
18,898.63	2,964.00	.....	21,862.63	3	.....	10,800.00	.....	10,800.00	1048
3,368.00	2,886.00	208.00	6,462.00	3	.....	3,240.00	.....	3,240.00	1049
22,000.00	.....	.....	22,000.00	4	1	8,880.00	960.00	9,840.00	1050
6,760.00	.....	.....	6,760.00	1	.....	1,800.00	.....	1,800.00	1051
2,880.00	.....	.....	2,880.00	.....	.....	.....	.....	.....	1052
21,000.00	.....	552.46	21,552.46	5	.....	5,338.00	.....	5,338.00	1053
.....	.....	.....	.....	22	3	27,300.00	2,000.00	29,300.00	1054
13,500.00	.....	.....	13,500.00	1	2	2,000.00	1,000.00	3,000.00	1055
.....	.....	.....	.....	5	1	5,700.00	480.00	6,180.00	1056
.....	.....	.....	.....	10	1	6,000.00	660.00	6,660.00	1057
7,020.00	1,300.00	.....	8,320.00	.....	.....	.....	.....	.....	1058
8,160.00	840.00	.....	9,000.00	.....	.....	.....	.....	.....	1059
10,000.00	3,120.00	.....	13,120.00	33	.....	42,700.00	.....	42,700.00	1060
12,821.13	436.80	.....	13,257.93	52	.....	60,242.93	.....	60,242.93	1061
18,469.28	1,300.00	.....	19,769.28	54	7	80,937.87	3,612.00	84,579.87	1062
13,625.00	468.00	.....	14,094.00	19	.....	26,556.00	1,872.00	28,428.00	1063
21,763.87	.....	.....	21,763.87	19	9	21,180.00	3,870.00	25,050.00	1064
4,020.00	.....	.....	4,020.00	.....	.....	.....	.....	.....	1065
10,195.53	.....	.....	10,195.53	7	1	6,900.00	329.00	7,229.00	066
.....	.....	.....	.....	10	2	15,372.00	850.00	16,222.00	1067
6,000.00	4,800.00	.....	10,800.00	.....	.....	.....	.....	.....	1068
4,362.00	3,516.00	.....	7,878.00	1	1	1,500.00	520.00	2,020.00	1069
3,000.00	3,500.00	.....	6,500.00	.....	.....	.....	.....	.....	1070
.....	.....	.....	.....	8	.....	6,560.00	.....	6,560.00	1071
4,680.00	.....	.....	4,680.00	3	.....	4,500.00	.....	4,500.00	1072
.....	.....	.....	.....	8	.....	6,300.00	.....	6,300.00	1073
.....	.....	.....	.....	9	.....	8,100.00	.....	8,100.00	1074
3,020.00	.....	.....	3,020.00	5	.....	6,000.00	.....	6,000.00	1075
530,980.23	7,419.30	4,224.12	542,623.65	71	3	64,698.79	4,675.48	69,374.27	1076
1,248.00	.....	.....	1,248.00	5	.....	5,681.24	.....	5,681.24	1077
.....	.....	.....	.....	13	4	13,740.00	2,400.00	16,140.00	1078
.....	.....	.....	.....	31	3	30,300.00	2,040.00	32,340.00	1079
.....	.....	.....	.....	17	3	13,577.50	1,455.00	15,053.50	1080
9,619.81	.....	.....	9,619.81	2	.....	2,500.00	.....	2,500.00	1081
12,459.63	.....	.....	12,459.63	4	2	6,319.00	1,532.00	7,852.00	1082
11,380.00	3,050.00	.....	14,430.00	2	.....	3,120.00	.....	3,120.00	1083
13,000.00	.....	.....	13,000.00	6	1	7,290.00	520.00	7,810.00	1084
23,214.00	728.00	4,667.00	28,609.00	31	10	39,472.00	3,788.00	43,260.00	1085
.....	850.00	.....	850.00	5	.....	6,550.00	.....	6,550.00	1086
219,005.25	.....	.....	219,005.25	21	.....	19,892.94	.....	19,892.94	1087
39,194.88	.....	.....	39,194.88	3	.....	3,480.00	.....	3,480.00	1088
50,800.00	.....	600.00	51,400.00	17	2	20,620.00	1,200.00	21,820.00	1089
4,000.00	18,000.00	.....	22,000.00	3	1	5,460.00	300.00	5,760.00	1090
2,200.00	.....	.....	2,200.00	1	.....	900.00	.....	900.00	1091
11,665.06	2,119.63	900.00	14,684.69	3	3	4,500.00	1,500.00	6,000.00	1092
3,500.00	.....	.....	3,500.00	.....	.....	.....	.....	.....	1093
146,431.42	.....	.....	146,431.42	10	3	16,536.18	1,204.05	17,740.23	1094
23,486.00	14,059.00	.....	37,545.00	8	4	6,020.00	1,713.00	7,733.00	1095
6,340.00	.....	.....	6,340.00	2	.....	1,320.00	.....	1,320.00	1096
.....	.....	.....	.....	5	1	3,900.00	780.00	4,680.00	1097

COUNTY.

$ 3,040.00	.....	.....	$ 3,040.00	.....	.....	.....	.....	.....	1098
28,251.00	.....	.....	28,251.00	1	.....	1,500.00	.....	1,500.00	1099
73,669.31	.....	.....	73,669.31	15	.....	11,691.66	.....	11,691.66	1100
1,548.00	996.00	.....	2,544.00	1	.....	727.50	.....	727.50	1101

SUMMARY BY COUNTIES OF EMPLOYERS'

County	No. establishm'ts reported	Average number of wage-earners for 1907			Total amount paid in wages during the year 1907			
		Ad'lt males	Ad'lt females	Children under 16	Adult males	Adult females	Children under 16	Total
Adams	3	13	4		$ 6,481.00	$ 1,168.00		$ 7,652.00
Allamakee	2	34			14,400.00			14,400.00
Appanoose	8	83	34	15	47,685.30	9,985.00	613.54	58,283.84
Audubon	2	11	1		5,500.00	300.00		5,800.00
Benton	2	142	1		82,001.60	435.00		82,436.60
Black Hawk	50	923	350	1	511,850.93	107,369.06	160.00	619,379.99
Boone	14	331	57	7	215,780.96	16,380.50	1,369.05	233,439.48
Bremer	7	87	16		42,978.74	4,238.72		47,247.46
Buchanan	1	3	6		2,163.00	1,152.00		3,315.00
Buena Vista	2	40			16,914.00			16,914.00
Calhoun	1	19			19,188.50			19,188.50
Carroll	7	74	3		45,815.01	1,076.00		46,891.01
Cass	3	11	3		6,406.00	576.00		6,982.00
Cedar	2	49			21,382.72			21,382.72
Cerro Gordo	16	608	46		398,214.11	16,991.75		415,205.86
Cherokee	4	15	6		8,309.11	1,600.00		9,809.11
Clarke	1	3	4		1,800.00	1,500.00		3,300.00
Clayton	7	117	2		44,790.85	546.00		45,312.85
Clay	2	31			17,280.00			17,280.00
Clinton	41	1,808	304	52	1,074,345.38	71,662.34	9,932.69	1,155,940.41
Crawford	2	7	4	2	4,005.00	864.00	300.00	5,170.00
Dallas	7	83	24		28,906.15	4,600.00		33,506.15
Davis	3	11	3		4,914.30	520.00		5,434.30
Decatur	2	61	16		40,702.72	5,879.00		46,641.72
Des Moines	49	1,358	351	78	1,442,833.43	90,791.67	9,013.31	1,542,638.41
Dickinson	1	5	10		1,800.00	2,400.00		4,200.00
Dubuque	71	3,118	800	119	1,759,555.81	230,875.94	16,037.91	2,006,468.66
Emmet	2	14	4		7,430.00	750.00		8,180.00
Fayette	10	1,004	4		668,532.88	1,248.00		669,780.88
Floyd	7	243	12		137,327.03	3,744.00		141,071.03
Franklin	3	13	3		6,870.00	775.00		7,645.00
Fremont	1	3			1,600.01			1,600.01
Greene	5	30	5		13,221.25	871.95		14,093.20
Guthrie	2	15	1	2	6,951.87	312.00	364.00	7,627.87
Hamilton	6	48			10,539.00			10,539.00
Hancock	2	5	2		2,597.20	229.60		2,826.80
Hardin	6	136	9		83,073.63	2,589.00		85,662.63
Harrison	2	372			181,302.85			181,302.85
Henry	2	14	1		8,300.00	200.00		8,500.00
Howard	3	22	1		8,474.65	172.47		8,647.12
Humboldt	1	8			4,821.49			4,821.49
Ida	1	3			2,000.00			2,000.00
Iowa	3	30			12,251.00			12,251.00
Jackson	7	181	4		83,937.54	985.00		84,922.54
Jasper	10	225	8		140,711.04	2,832.00		143,543.04
Jefferson	6	213	8		115,205.34	2,028.00		117,233.34
Johnson	23	286	92	11	167,129.37	30,439.04	582.25	198,150.66
Jones	7	104	59	2	40,620.20	15,223.00	170.00	56,012.20
Keokuk	3	25		1	10,771.81		81.80	10,853.61
Kossuth	4	44	1		23,985.00	520.00		24,505.00
Lee	56	2,017	292	9	1,029,735.56	76,736.92	2,211.00	1,108,673.48
Linn	58	2,664	630	93	1,525,130.55	208,177.91	20,564.21	1,753,872.67
Lucas	2	22	3		12,297.40	568.00		12,865.40
Madison	3	28	4		16,814.72	810.00		17,624.72

STATISTICAL REPORT—TABLE NO. 2.

Average increase in rate of wages during 1907	Number of employes affected by increase	Average hours worked per day	Average days in operation during 1907	Superintendents, managers, clerks and other salaried employes				
				Average number		Total amount paid in salaries during the year 1907		
				Men	Women	Men	Women	Total
9%	17	10	309	5		$ 2,052.50		$ 2,052.50
		10	310	4		2,000.00		2,000.00
16.4%	87	10	290	12	3	8,815.43	664.89	9,480.32
		10	230	6	1	"	"	"
9.5%	143	9.5	337	8		7,417.26		7,417.26
9.4%	576	9.5	289	185	28	193,461.81	14,541.74	208,003.55
11.6%	78	9.7	301	53	4	48,521.40	843.10	49,364.50
17%	49	9.7	316	11	3	13,400.00	1,100.00	14,500.00
		9	365	1		700.00		700.00
10%	23	10	190	2		1,500.00		1,500.00
		9	365	1		340.00		340.00
13.3%	25	11	335	10	5	7,435.20	1,906.85	9,342.05
		10.7	343	7	1	6,233.52	213.12	6,446.64
15%	3	9.5	329	2	1	3,300.00	720.00	4,020.00
6.8%		10	309	91	13	101,016.82	6,535.60	107,552.42
		10.5	323	2	2	1,782.00	672.00	2,454.00
10%	7	9	311		1		500.00	500.00
10%	20	10	244	23	3	18,553.80	850.00	19,403.80
		10	309	2	1	2,500.00	540.00	3,040.00
11.6%	884	9.9	292	211	36	253,611.91	17,425.00	276,036.91
		9.5	273	1		660.00		660.00
11%	84	10.3	278	8		5,390.00		5,390.00
10%	5	9.3	312	1		480.00		480.00
		9.5	312	3	1	2,820.00	312.00	3,132.00
10.2%	912	9.6	300	224	51	393,083.35	20,659.10	413,692.45
		14	365					
12.2%	2,597	9.6	293	536	90	622,119.44	37,746.00	659,865.44
15%	9	9.5	247	3		6,300.00		6,300.00
12.8%	211	10.2	344	89		69,974.75		69,974.75
14%	23	10.3	304	24	3	28,718.23	1,768.00	30,486.23
20%	8	9	323	3		2,172.00		2,172.00
		10	"	2		2,000.00		2,000.00
		10.6	330	3	6	2,905.00	2,940.00	5,845.00
		9	298	"	"			
		10	293	9	4	9,790.00	1,314.00	11,074.00
		10.5	310	"	"			
25%	8	9.8	302	10	1	12,272.40	540.00	12,812.40
10%	4	9	334	27		25,483.90		25,483.90
12%	9	10	307	"	"			
		10	257	1	1	600.00	312.00	912.00
		10	299	1		780.00		780.00
		11	300	1		720.00		720.00
		9	304	"	"			
7%	55	10	297	20		15,755.26		15,755.26
12%	164	9.7	305	36	4	37,231.30	2,075.00	39,306.30
		10	338	23	4	19,298.00	1,760.00	21,058.00
9.4%	93	9.3	245	84	12	76,702.00	5,790.00	82,492.00
		9.3	288	16	5	14,380.00	1,948.00	16,328.00
33.3%	5	10	312	2		825.00		825.00
10%	28	9.9	314	2		2,000.00		2,000.00
8%	1,056	10	300	298	37	334,743.04	17,697.00	352,440.04
9.5%	1,208	9.5	314	497	90	554,644.82	39,238.94	593,883.76
		10	305	5		2,638.91		2,638.91
6.5%	18	9.2	316	3		3,000.00		3,000.00

SUMMARY BY COUNTIES OF EMPLOYERS'

County	No. establishm'ts reported	Average number of wage-earners for 1907			Total amount paid in wages during the year 1907			
		Ad'lt males	Ad'lt females	Children under 16	Adult males	Adult females	Children under 16	Total
Mahaska	24	334	160	1	179,745.34	35,088.64	75.00	214,908.98
Marion	5	81		5	34,119.22		500.00	34,619.22
Marshall	28	940	73	24	516,546.49	22,166.00	1,000.00	539,712.49
Mills	2	11	7		3,172.00	960.00		4,132.00
Mitchell	2	13			6,250.00			6,250.00
Montgomery	9	15	12	8	82,608.18	30,200.93	2,291.91	115,101.02
Monona	1	8			3,116.38			3,116.38
Monroe	4	13	7	5	7,540.00	1,168.00	788.65	9,505.65
Muscatine	31	1,702	426	101	811,260.26	127,321.00	16,337.48	955,418.74
O'Brien	1	1			4,104.04			4,104.04
Page	10	55	4	1	91,467.08	10,457.63	150.00	102,074.71
Plymouth	7	48	18		21,996.09	3,740.00		25,736.09
Pocahontas	2	2			15,232.21			15,232.21
Polk	119	1,685	1,168	75	1,718,914.19	335,293.10	14,122.50	2,068,329.88
Pottawattamie	42	1,330	18	4	932,721.07	97,871.00	1,037.60	931,629.67
Poweshiek	6	8	5		42,956.60	18,277.22		61,233.82
Sac	3	10	3		4,127.14	1,458.00		5,585.14
Scott	85	3,410	918	113	2,006,310.23	266,933.83	23,659.15	2,296,903.24
Shelby	4	18			2,289.31			2,289.31
Sioux		4			20,848.08			20,848.08
Story	7	48	7		22,970.61	1,446.65		24,417.26
Tama	4	27			8,877.54			8,877.54
Taylor	1	7			1,400.00			1,400.00
Union	11	423	46	22	131,693.24	12,782.88	314.00	144,790.12
Van Buren	3	2	3		11,975.57	6,701.92		18,677.49
Wapello	32	1,867	314	133	976,151.22	91,779.66	27,825.10	1,095,755.98
Warren	1	1			540.00	859.00		1,399.00
Washington	7	38			10,876.47			10,876.47
Webster	18	577	118	32	324,067.54	31,961.81	6,259.76	362,289.11
Winnebago	1	6			4,600.00			4,600.00
Winneshiek	6	40	7		21,725.19	2,040.00		23,765.19
Woodbury	71	2,401	551	123	1,567,588.35	189,027.55	18,035.07	1,774,650.99
Wright	4	184	4		106,508.31	996.00		107,504.31
Total	1,100	32,690	7,405	1,040	$19,867,554.78	$ 2,139,192.81	$ 173,795.07	$22,180,542.68

n Not reported.

STATISTICAL REPORT—TABLE No. 2—CONTINUED

Average increase in rate of wages during 1907	Number of employes affected by increase	Average hours worked per day	Average days in operation during 1907	Superintendents, managers, clerks and other salaried employes				
				Average number		Total amount paid in salaries during the year 1907		
				Men	Women	Men	Women	Total
9.4%	282	9.6	305	102	60	86,113.89	27,302.37	113,416.26
5%	13	9.7	278	10	4	8,420.00	1,836.00	10,256.00
13.7%	561	9.8	339	335	50	279,577.17	22,005.99	301,583.16
		9.5	305	1		900.00		900.00
		10	285	3		1,275.00		1,275.00
9.3%	233	9.7	298	35	35	53,757.80	14,315.14	68,072.94
		8	310	2		1,500.00		1,500.00
		10.2	333	12	3	10,980.00	1,088.00	12,068.00
9.2%	812	9.7	301	196	80	199,213.72	34,137.48	233,351.20
		10	310	2		1,996.50		1,996.50
20.5%	18	10	315	75	7	70,056.00	3,984.00	74,040.00
10%	6	10.3	308	8		8,333.23		8,333.23
9%	7	10	205	6		3,400.00		3,400.00
10.3%	1,681	9.8	305	891	173	1,070,423.81	99,955.53	1,170,379.34
9.2%	138	10.3	294	226	35	271,508.20	18,688.90	290,197.10
8.3%	115	9.9	307	25	10	15,158.72	4,611.97	19,770.69
10%	5	9	277	1		699.00		699.00
6.8%	1,799	9.7	264	674	156	773,070.01	76,784.01	849,854.02
13.5%	18	9.5	205	3		2,125.00		2,125.00
14.5%	26	10	314	10	6	7,165.00	1,590.00	8,755.00
8.5%	6	9.4	247	5	1	3,060.00	247.79	3,337.79
12%	1	9.8	267	16		12,140.00		12,140.00
		9	125					
10%	78	9.3	314	35	4	24,780.00	1,440.00	26,220.00
10%	60	10	308	2		2,080.00		2,080.00
10%	1,940	9	303	383	63	339,909.54	27,840.50	417,750.04
		7.3	329	7	8	3,560.00	2,000.00	5,560.00
10%	7	9.7	258					
14.2%	181	10.1	308	80	10	74,584.48	6,284.80	80,869.28
		10.5	335	2		1,380.00		1,380.00
10%	27	10.2	324	13	12	11,100.00	2,339.00	13,439.00
9.4%	1,726	9.7	304	798	232	881,074.07	110,106.58	991,180.65
9.5%	146	10	310	17		13,917.16		13,917.16
11.59%	18,294	9.79	298	6,542	1,360	$ 7,205,077.91	$ 637,151.40	$ 7,842,229.31

THE CANNING INDUSTRY OF IOWA.

In compiling the Employers' Statistical Report for this biennial period it was deemed advisable, as in 1905, to present information relative to canning establishments in a separate chapter, for the reason then explained, viz.: that these establishments are operated for a few weeks only in each year, and that the annual average wages, hours of employment, etc., would prove a confusing element if included with those from establishments which are operated throughout the year.

The table shows, by counties, the number of plants reporting, the length of time each was in operation during 1907, the number of men, women and children employed during each month of the year, hours worked per day, the amount paid in wages to men, to women and to children, and the total amount paid in wages; also number of men and women employed as superintendents, managers, clerks etc., the amount of salary paid to men and to women, and the total amount paid.

The footings at the bottom of the table show total number of men, women and children employed each month of the year, total amount paid to men, to women and to children, and total amount paid in wages to all wage earners; also total number of men and women employed as superintendents, managers, clerks, etc., the amount of salaries paid to men and to women, and the total amount paid to them.

STATISTICAL REPORT ON CANNING INDUSTRY OF IOWA.

Collected from Employers Operating Canning Establishments.

BENTON COUNTY.

	Number of men, women and children employed each month during the year 1907												No. of days in operation
	Jan.	Feb.	Mch.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Men	14	14	16	18	26	21	26	195	245	20	13	13	48
Women	5	3	4	2	2	2	2	80	165	36	11	7	
Children								2	4				

Total amount paid in wages during the year 1907				Superintendents, managers, clerks and other salaried employes				
				Number		Total amount paid in salaries during the year 1907		
Adult males	Adult females	Children under 16	Total	Men	Women	Men	Women	Total
$ 15,725.88	$ 4,953.88		$ 20,679.76	6	1	$ 3,951.00	$ 540.00	$ 4,491.00

Three establishments reported, two in full operation 60 days, one 25 days; two operates 10 hours per day and one 8 hours.

BLACK HAWK COUNTY.

	Number of men, women and children employed each month during the year 1907												No. of days in operation
	Jan.	Feb.	Mch.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Men	13	5	14	22	14	26	20	25	260	35	9	10	25
Women	3			3		3		3	270	5	6	3	
Children									70				

Total amount paid in wages during the year 1907				Superintendents, managers, clerks and other salaried employes				
				Number		Total amount paid in salaries during the year 1907		
Adult males	Adult females	Children under 16	Total	Men	Women	Men	Women	Total
$ 15,035.64	$ 5,500.33	$ 1,060.00	$ 21,595.97	6	1	$ 7,040.00	$ 740.00	$ 7,780.00

Three establishments reported, one in full operation 20 days, one 24 days, and one 30 days; one operates 5 hours per day, one 9 hours, one 10 hours.

BREMER COUNTY.

	Number of men, women and children employed each month during the year 1907												No. of days in operation
	Jan.	Feb.	Mch.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Men	3	3	3	6	6	6	10	10	200	13	13	4	30
Women	1	1	1	1	1	1	1	1	60	1	1	1	
Children									7				

Total amount paid in wages during the year 1907				Superintendents, managers, clerks and other salaried employes				
				Number		Total amount paid in salaries during the year 1907		
Adult males	Adult females	Children under 16	Total	Men	Women	Men	Women	Total
$ 10,754.00	$ 1,620.00	$ 126.00	$ 13,500.00	5	1	$ 3,200.00	$ 300.00	$ 3,500.00

One establishment reported, operates 13 hours per day in season.

BUCHANAN COUNTY.

	Number of men, women and children employed each month during the year 1907												No. of days in operation
	Jan.	Feb.	Mch.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Men	2	2	2	3	3	3	3	3	60	10	8	4	21
Women									40				
Children									30				

Total amount paid in wages during the year 1907				Superintendents, managers, clerks and other salaried employes				
				Number		Total amount paid in salaries during the year 1907		
Adult males	Adult females	Children under 16	Total	Men	Women	Men	Women	Total
$ 2,330.00	$ 720.00	$ 450.00	$ 4,000.00	2		$ 1,200.00		$ 1,200.00

One establishment reported, operates 10 hours per day in season.

CALHOUN COUNTY.

	Number of men, women and children employed each month during the year 1907												No. of days in operation
	Jan.	Feb.	Mch.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Men	1	1	1	1	1	1	1	1	60	1	1	1	15
Women									40				

Total amount paid in wages during the year 1907				Superintendents, managers, clerks and other salaried employes				
				Number		Total amount paid in salaries during the year 1907		
Adult males	Adult females	Children under 16	Total	Men	Women	Men	Women	Total
$ 1,780.00	$ 467.00		$ 2,247.00	1		$ 1,200.00		$ 1,200.00

One establishment reported, operates 10 hours per day in season.

CASS COUNTY.

	Number of men, women and children employed each month during the year 1907												No. of days in operation
	Jan.	Feb.	Mch.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Men	15	15	21	30	45	55	55	240	240	25	25	15	84
Women				2	2	31	31	108	108	13	8	4	
Children	1	1	1	1	1	5	5	20	20	2	1	1	

Total amount paid in wages during the year 1907				Superintendents, managers, clerks and other salaried employes				
				Number		Total amount paid in salaries during the year 1907		
Adult males	Adult females	Children under 16	Total	Men	Women	Men	Women	Total
$ 14,769.90	$ 5,160.19	$ 372.80	$ 20,302.89	1	1	$ 800.00	$ 120.00	$ 920.00

One establishment reported, operates 11 hours per day in season.

STATISTICAL REPORT ON CANNING

DES MOINES

	Number of men, women and children employed each month during the year 1907												No. of days in operati'n
	Jan.	Feb.	Mch.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Men	2	2	2	2	2	2	3	6	15	25	15	2	300
Women	3	3	3	3	3	5	6	15	50	60	30	5	

One establishment reported, operates 10 hours per day in season.

DUBUQUE

Men								4	20	20			65
Women									10	12			
Children									2	4			

One establishment reported, operates 10 hours per day in season.

FAYETTE

Men	5		6	6	7	7	7	12		10	8		19
Women	5		4	4		5	5	5		5	5		
Children									12				

One establishment reported, operates 12 hours per day in season.

FREMONT

Men				2	4	4	4	40	50	18	18		60
Women								35	55	20	30		
Children								10	10				

Two establishments reported, one in full operation 30 days, one 90 days; both operate 10 hours per day in season.

JONES

Men	2	2	2	2	2	2	2	2	29	2	2	2	17
Women									121				
Children			2						2				

One establishment reported, operates 10 hours per day in season.

LEE

Men	9	8	10	8	13	20	13	14	18	18	25	19	149
Women	4	4	4	5	6	17	50	32	60	60	17	14	

Three establishments reported, one in full operation 42 days, one 97 days, one 308 days; all operate 10 hours per day in season.

LINN

Men	1	1	1	1	1	1	5	35	98	8	2	2	21
Women								25	122	4			

Two establishments reported, one in full operation 18 days, one 25 days; both operate 10 hours per day in season.

INDUSTRY OF IOWA—CONTINUED

COUNTY.

Total amount paid in wages during the year 1907				Superintendents, managers, clerks and other salaried employes				
				Number		Total amount paid in salaries during the year 1907		
Adult males	Adult females	Children under 16	Total	Men	Women	Men	Women	Total
$ 1,825.00	$ 750.00		$ 2,575.00	2		$ 1,326.00		$ 1,326.00

COUNTY.

$ 1,000.00	$ 600.00	$ 120.00	$ 1,720.00	3		$ 1,580.00		$ 1,580.00

COUNTY.

$ 4,009.52	$ 1,471.94	$ 213.88	$ 5,695.34	3	1	$ 1,600.00	$ 650.00	$ 2,250.00

COUNTY.

$ 3,300.34	$ 2,534.00	$ 200.00	$ 6,034.34		1		$ 150.00	$ 150.00

both operate 10 hours per day in season.

COUNTY.

$ 2,802.00	$ 815.00	$ 15.42	$ 3,632.42	1		$ 1,600.00		$ 1,600.00

COUNTY.

$ 8,269.22	$ 5,313.63		$ 13,582.85	5	3	$ 6,900.00	$ 2,070.00	$ 8,970.00

one 308 days; all operate 10 hours per day in season.

COUNTY.

$ 2,933.00	$ 1,400.00		$ 4,333.00	3		$ 2,145.00		$ 2,145.00

operate 10 hours per day in season.

STATISTICAL REPORT ON CANNING

LOUISA

	Number of men, women and children employed each month during the year 1907												No. of days in operation
	Jan.	Feb.	Mch.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Men					3	3	5	75	75	20	6		40
Women								20	20	6	6		
Children								15	15				

One establishment reported, operates 10 hours per day in season.

MAHASKA

Men	3	3	4	4	5	5	8	15	35	15	5	3	40
Women								8	40	8	1	1	
Children									2	2			

One establishment reported, operates 8 hours per day in season.

PAGE

Men					10		15	120	120	10	10	5	40
Women								37	37	3	3	3	
Children								9	9				

One establishment reported, operates 10 hours per day in season.

POTTAWATTAMIE

Men							3	16	16	16	2		30
Women								32	32	32	2		

One establishment reported, operates 8 hours per day in season.

SAC

Men								125	125				21
Women								60	60				

One establishment reported, operates 10 hours per day in season.

SHELBY

Men							5	61	8				45
Women								20	6				
Children								10	2				

One establishment reported, operates 10 hours per day in season.

STORY

Men								22	22				20
Women								8	8				
Children								4	4				

One etsablishment reported, operates 8 hours per day in season.

INDUSTRY OF IOWA—CONTINUED

COUNTY.

Total amount paid in wages during the year 1907				Superintendents, managers, clerks and other salaried employes				
				Number		Total amount paid in salaries during the year 1907		
Adult males	Adult females	Children under 16	Total	Men	Women	Men	Women	Total
$ 4,487.75	$ 1,050.00	$ 350.00	$ 5,887.75	1		$ 780.00		$ 780.00

COUNTY.

$ 4,500.00	$ 1,250.00	$ 46.00	$ 5,796.00	2		$ 3,500.00		$ 3,500.00

COUNTY.

$ 3,016.20	$ 809.66	$ 245.54	$ 4,071.40					

COUNTY.

$ 1,766.70	$ 1,630.69		$ 3,397.39	2		$ 1,248.00		$ 1,248.00

COUNTY.

$ 5,250.00	$ 1,575.00		$ 6,825.00	2		$ 2,500.00		$ 2,500.00

COUNTY.

$ 2,215.45	$ 490.00	$ 131.36	$ 2,836.81	1		$ 2,000.00		$ 2,000.00

COUNTY.

$ 396.00	$ 80.00	$ 32.00	$ 508.00	2		$ 1,140.00		$ 1,140.00

STATISTICAL REPORT ON CANNING

WINNEBAGO

	Number of men, women and children employed each month during the year 1907												No. of days in operation
	Jan.	Feb.	Mch.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Men	------	------	------	------	------	------	4	4	15	15	2	2	30
Women	------	------	------	------	------	------	------	------	35	35	------	------	------
Children	------	------	------	------	------	------	------	------	8	8	------	------	------

One establishment reported, operates 10 hours per day in season.

Total—													
Men	70	56	82	105	142	143	180	1,031	1,817	281	164	82	------
Women	21	11	16	20	14	64	95	389	1,339	299	120	38	------
Children	1	1	3	1	1	5	5	70	197	16	1	1	------

INDUSTRY OF IOWA—CONTINUED

COUNTY.

Total amount paid in wages during the year 1907				Superintendents, managers, clerks and other salaried employes				
				Number		Total amount paid in salaries during the year 1907		
Adult males	Adult females	Children under 16	Total	Men	Women	Men	Women	Total
$ 8,800.03	----------	----------	----------	2	------	$ 1,320.00	----------	$ 1,320.00
----------	$ 1,005.02	----------	----------	------	------	----------	----------	----------
----------	$ 5,700.00	$ 966,205.00	----------	------	------	----------	----------	----------
$ 115,266.63	$ 39,196.34	$ 3,420.00	$ 157,882.97	50	9	$ 45,030.00	$ 4,570.00	$49,600.00

THE CROP HISTORY OF IOWA FROM 1866 TO 1906, INCLUSIVE.

The following compilation is made from the figures of the United States Department of Agriculture, showing the acreage, average yield per acre, total production, average farm price December 1st, and average farm value on December 1st.

The figures are for corn, wheat, oats, barley, rye, buckwheat, hay and potatoes.

CORN.

Acreage	Average yield per acre	Production	Average farm price	Farm value Dec. 1st	Acreage	Average yield per acre	Production	Average farm price	Farm value Dec. 1st *a*
		1866					1876		
1,659,942	31.5	52,288,184	$ .31	$ 15,999,166	4,750,000	30.	142,500,000	$ .23	$ 32,653,529
		1867					1877		
1,577,899	33.8	53,333,000	.39	21,012,285	4,800,000	32.5	156,000,000	.24	37,937,743
		1868					1878		
1,765,729	37.0	65,332,000	.28	17,985,744	4,686,000	37.4	175,256,400	.16	27,985,054
		1869					1879		
2,364,457	33.2	78,500,000	.40	31,101,426	4,873,400	38.0	185,189,200	.24	44,445,408
		1870					1880		
2,919,218	32.0	93,415,000	.31	28,510,862	6,847,180	38.0	260,192,840	.26	67,650,138
		1871					1881		
2,329,858	42.5	99,019,000	.21	20,480,549	6,710,200	25.8	173,289,000	.44	76,247,160
		1872					1882		
2,562,537	39.8	101,989,000	.16	16,260,425	6,777,302	25.9	175,487,600	.38	66,685,288
		1873					1883		
3,627,586	29.0	105,200,000	.29	30,029,466	6,980,621	24.3	169,629,000	.32	54,281,280
		1874					1884		
3,963,014	29.2	115,720,000	.39	44,963,891	7,329,652	34.5	252,600,000	.23	58,098,000
		1875					1885		
4,571,428	35.0	160,000,000	.24	37,663,470	7,549,542	32.1	242,496,000	.24	58,199,040

(*a*) Value reduced to gold basis.

CORN—Continued

Acreage	Average yield per acre	Production	Average farm price	Farm value Dec. 1st	Acreage	Average yield per acre	Production	Average farm price	Farm value Dec. 1st *a*
		1886					1896		
7,927,019	25.1	198,847,000	$ .30	$ 59,654,100	7,589,281	29.0	220,089,149	$ .17	$ 37,415,155
		1887					1897		
7,196,148	25.5	183,502,000	.35	64,225,700	7,235,716	35.0	254,999,850	.23	58,649,966
		1888					1898		
7,771,840	35.8	278,232,000	.24	66,775,680	7,814,511	31.0	242,249,841	.23	55,717,463
		1889					1899		
8,859,808	39.5	349,966,000	.19	66,493,534	8,048,946	38.0	305,859,948	.27	82,582,186
		1890					1900		
8,771,299	26.0	232,139,000	.41	95,300,164	9,210,582	25.0	230,264,550	.52	119,737,566
		1891					1901		
9,560,716	36.7	350,873,000	.30	105,263,483	9,302,688	32.0	297,686,016	.33	98,236,385
		1892					1902		
7,074,930	28.3	200,221,000	.32	64,070,566	8,186,365	28.0	229,218,220	.38	87,102,924
		1893					1903		
7,428,677	33.9	251,832,150	.27	67,994,681	9,295,683	32.0	303,039,366	.33	100,002,958
		1894					1904		
5,422,934	15.0	81,344,010	.45	36,604,805	8,707,507	34.8	305,112,376	.34	103,738,208
		1895					1905		
8,504,349	35.1	298,502,650	.18	53,730,477	9,450,000	39.5	373,275,000	.32	119,448,000
		1896							
8,249,219	39.0	321,719,541	.14	45,040,736					

WHEAT.

		1866					1872		
984,583	16.0	15,753,328	$ .99	$ 15,556,132	1,752,380	12.6	22,080,000	$ .75	$ 16,623,562
		1867					1873		
1,283,464	12.7	16,300,000	1.02	16,696,991	2,661,538	13.0	34,600,000	.73	25,169,429
		1868					1874		
1,400,000	14.5	20,300,000	.71	14,348,958	2,923,103	11.6	33,908,000	.59	19,873,940
		1869					1875		
1,807,692	13.0	23,500,000	.41	9,683,043	3,072,164	9.7	29,800,000	.62	18,446,382
		1870					1876		
1,635,600	12.5	20,445,000	.70	14,315,171	2,835,245	6.1	17,600,000	.82	14,518,790
		1871					1877		
1,703,703	10.8	18,400,000	.86	15,884,892	2,607,584	14.5	37,810,000	.85	31,998,735

(*a*) Value reduced to gold basis.

WHEAT—Continued

Acreage	Average yield per acre	Production	Average farm price	Farm value Dec. 1st
		1878		
3,238,400	9.4	30,440,960	$ .50	$ 15,190,100
		1879		
3,214,400	10.2	32,786,880	.92	30,163,930
		1880		
3,190,212	10.4	33,178,205	.82	27,206,128
		1881		
2,775,500	6.6	18,248,000	1.06	19,342,880
		1882		
2,485,000	10.3	25,487,200	.70	17,841,040
		1883		
2,435,300	11.3	27,518,800	.80	22,015,040
		1884		
2,605,771	12.0	31,270,000	.55	17,198,500
		1885		
2,683,944	11.3	30,332,000	.67	20,322,440
		1886		
2,657,105	12.2	32,455,000	.60	19,473,000
		1887		
2,683,676	10.0	26,837,000	.61	16,370,570
		1888		
2,468,982	9.8	24,196,000	.85	20,566,600
		1889		
1,604,838	13.1	21,023,000	.63	13,244,728
		1890		
1,685,080	11.3	19,041,000	.80	15,233,128
		1891		
1,803,036	15.3	27,586,000	.81	22,345,025
		1892		
631,063	11.5	7,257,000	.60	4,354,335
586,889	11.5	6,749,224	$ .49	$ 3,307,120
		1894		
735,500	14.8	10,737,400	.50	5,368,700
		1895		
700,245	19.5	13,654,778	.46	6,281,198
		1896		
717,072	16.0	11,473,152	.62	7,113,354
		1897		
1,011,778	13.0	13,153,114	.75	9,864,836
		1898		
1,328,720	16.7	22,189,624	.52	11,538,604
		1899		
1,399,653	13.0	18,195,489	.55	10,007,519
		1900		
1,397,322	15.6	21,798,223	.59	12,860,952
		1901		
1,295,689	16.2	21,048,101	.60	12,628,861
		1902		
1,174,891	12.7	14,869,245	.55	8,178,085
		1903		
1,010,472	12.4	12,531,304	.62	7,769,409
		1904		
967,654	11.6	11,266,220	.90	10,139,598
		1905		
963,954	14.2	13,683,003	.71	9,714,932
		1906		
585,660	15.7	9,212,218	.64	5,965,820

(a) Value reduced to gold basis.

OATS.

Acreage	Average yield per acre	Production	Average farm price	Farm value Dec. 1st
		1856		
333,538	37.8	12,607,749	$ .27	$ 3,419,348
		1857		
386,904	42.0	16,250,000	.31	4,888,908
		1858		
472,727	33.0	15,600,000	.26	4,062,500
		1859		
509,333	37.3	19,000,000	.28	5,269,414
		1870		
550,108	29.7	16,340,000	.27	4,400,359
		1871		
485,012	41.1	19,934,000	.19	3,764,514
		1872		
543,160	36.7	19,934,000	.14	2,825,013
		1873		
640,303	33.0	21,130,000	.25	5,253,315
		1874		
655,000	30.0	19,650,000	.34	6,733,092
		1875		
742,705	37.7	28,000,000	.21	5,858,762
		1876		
836,614	25.4	21,250,000	.21	4,479,835
		1877		
1,105,233	38.0	42,000,000	.19	8,171,206
		1878		
1,056,000	36.3	38,332,800	.13	4,973,317
		1879		
1,034,900	36.0	37,256,400	.23	8,568,972
		1880		
1,512,800	33.0	49,922,400	.23	11,482,152
		1881		
1,618,700	26.2	42,434,000	.34	14,427,560
		1882		
1,699,635	31.0	52,618,160	.28	14,733,085
		1883		
2,005,569	34.1	68,408,600	.26	17,784,936
		1884		
2,145,959	36.7	78,650,000	$ .20	$ 15,730,000
		1885		
2,210,338	33.8	74,718,000	.22	16,437,960
		1886		
2,208,752	34.1	78,454,000	.23	18,044,420
		1887		
2,438,746	30.5	74,382,000	.24	17,851,680
		1888		
2,590,983	26.2	67,000,000	.20	13,418,000
		1889		
2,739,931	36.3	99,459,000	.16	15,913,519
		1890		
2,767,330	25.8	71,397,000	.38	27,130,903
		1891		
2,795,003	39.2	102,577,000	.26	26,669,919
		1892		
3,773,254	25.4	95,841,000	.26	24,918,570
		1893		
3,848,719	24.8	95,448,231	.23	21,953,093
		1894		
3,771,745	25.6	96,556,672	.28	27,035,868
		1895		
3,960,382	46.2	182,967,338	.14	25,615,427
		1896		
3,841,522	27.5	105,641,855	.12	12,677,023
		1897		
3,457,370	30.0	103,721,100	.16	16,595,376
		1898		
3,630,239	34.0	123,428,126	.24	29,622,750
		1899		
3,848,053	33.0	126,985,749	.19	24,127,292
		1900		
3,840,357	34.0	130,572,138	.20	26,114,428
		1901		
4,104,180	29.8	122,304,564	.36	44,029,643

(a) Value reduced to gold basis.

OATS—Coutinued

Acreage	Average yield per acre	Production	Average farm price	Farm value Dec. 1st	Acreage	Average yield per acre	Production	Average farm price	Farm value Dec. 1st *a*
		1902					1905		
4,063,138	30.7	124,738,337	$ .25	$ 31,184,584	3,746,148	35.0	131,115,180	$ .24	$ 31,467,643
		1903					1906		
3,505,581	24.0	841,339,944	.29	24,398,844	4,165,000	33.8	140,777,000	.27	38,009,790
		1904							
3,822,600	32.0	122,323,200	.25	30,580,800					

(*a*) Value reduced to gold basis.

RYE.

		1836					1880		
5,060	19.3	116,946	$ .48	$ 56,115	102,980	13.4	1,379,932	$ .62	$ 855,558
		1837					1881		
28,350	19.4	550,000	.74	409,742	109,200	11.4	1,242,000	.80	993,600
		1838					1882		
30,368	19.0	577,000	.63	364,918	120,120	12.8	1,540,080	.50	770,040
		1839					1883		
33,540	16.1	540,000	.41	222,504	122,522	11.9	1,463,076	.43	629,123
		1870					1884		
29,431	17.6	518,000	.52	269,695	123,747	11.6	1,434,000	.38	544,920
		1871					1885		
26,783	19.9	533,000	.45	244,451	127,459	13.7	1,746,000	.46	803,246
		1872					1886		
27,333	19.5	533,000	.42	221,887	124,981	13.6	1,700,000	.42	714,000
		1873					1887		
28,722	18.0	517,000	.44	228,508	108,736	12.7	1,381,000	.44	607,640
		1874					1888		
28,198	17.2	485,000	.57	275,518	109,823	15.0	1,647,000	.50	823,673
		1875					1889		
26,111	18.0	650,000	.24	153,008	93,707	15.4	1,445,283	.30	433,585
		1876					1890		
25,000	14.0	350,000	.49	170,027	92,770	13.7	1,270,949	.50	635,474
		1877					1891		
					90,915	17.0	1,545,555	.67	1,035,522
		1878					1892		
26,000	16.6	431,600	.35	150,758	89,097	13.2	1,176,080	.49	576,279
		1879					1893		
23,400	15.6	365,040	.54	197,122	81,078	14.6	1,183,739	.41	485,333

RYE—Continued

Acreage	Average yield per acre	Production	Average farm price	Farm value Dec. 1st	Acreage	Average yield per acre	Production	Average farm price	Farm value Dec. 1st *a*
		1894					1901		
77,024	16.9	1,301,706	$ .46	$ 598,785	76,625	18.4	1,409,900	$ .50	$ 704,950
		1895					1902		
75,484	20.6	1,554,970	.31	482,041	71,261	17.4	1,239,941	.42	520,775
		1896					1903		
80,013	17.5	1,400,228	.29	406,066	64,848	16.9	1,095,931	.44	482,210
		1897					1904		
69,611	16.0	1,113,776	.36	400,959	61,606	17.2	1,059,623	.60	635,774
		1898					1905		
61,954	19.0	1,177,126	.40	470,850	56,678	17.5	991,865	.53	525,688
		1899					1906		
112,770	18.0	2,029,860	.40	811,944	62,711	18.6	980,425	.50	490,212
		1900							
100,365	18.0	1,806,570	.41	740,694					

BARLEY.

		1866					1878		
24,520	25.4	622,784	$ .47	$ 290,170	241,666	24.0	5,800,000	$ .41	$ 2,392,301
		1867					1877		
38,793	29.0	1,125,000	.83	934,813	230,435	23.0	5,300,000	.39	2,092,257
		1868					1878		
43,269	26.0	1,125,000	.92	1,037,946	212,000	24.0	5,088,000	.33	1,675,689
		1869					1879		
45,396	26.5	1,203,000	.48	581,482	195,000	22.0	4,290,000	.45	1,930,500
		1870					1880		
47,192	26.0	1,227,000	.57	693,905	171,240	22.7	3,887,148	.52	2,021,317
		1871					1881		
71,283	29.6	2,110,000	.41	872,842	167,800	20.8	3,498,000	.74	2,588,520
		1872					1882		
78,637	27.9	2,194,000	.37	816,191	201,360	22.6	4,547,400	.48	2,182,752
		1873					1883		
236,842	19.0	4,500,000	.67	3,024,862	211,428	21.9	4,633,348	.45	2,087,257
		1874					1884		
236,250	20.0	4,725,000	.69	3,230,658	221,999	22.3	4,951,000	.35	1,732,850
		1875					1885		
282,511	22.3	6,300,000	.46	2,911,072	221,999	23.0	5,106,000	.39	1,991,331

(*a*) Value reduced to gold basis.

BARLEY—Continued

Acreage	Average yield per acre	Production	Average farm price	Farm value Dec. 1st	Acreage	Average yield per acre	Production	Average farm price	Farm value Dec. 1st *a*
		1886					1897		
224,219	22.5	5,045,000	$ .45	$ 2,270,250	381,815	24.0	9,163,560	$ .24	$ 2,199,256
		1887					1898		
230,946	19.0	4,388,000	.44	1,930,720	351,270	26.0	9,133,020	.34	3,105,227
		1888					1899		
196,304	21.3	4,181,000	.55	2,299,701	461,996	26.0	12,011,896	.31	3,723,688
		1889					1900		
518,729	25.8	13,406,122	.31	4,155,898	443,516	26.4	11,708,822	.37	4,332,264
		1890					1901		
523,916	22.6	11,840,502	.52	6,157,061	529,380	23.6	12,493,368	.47	5,871,883
		1891					1902		
534,394	27.3	14,588,956	.42	6,127,362	513,499	26.3	13,505,024	.36	4,861,809
		1892					1903		
523,706	21.1	11,050,197	.40	4,420,079	482,689	23.4	11,294,923	.36	4,066,172
		1893					1904		
513,233	22.6	11,599,066	.33	3,827,692	487,516	27.8	13,552,945	.36	4,879,060
		1894					1905		
497,836	15.5	7,716,458	.42	3,240,912	448,515	26.0	11,661,390	.30	3,498,417
		1895					1906		
453,031	28.0	12,684,868	.23	2,917,520	556,000	28.3	15,734,800	.35	5,507,180
		1896							
389,607	26.3	10,246,664	.21	2,151,799					

BUCKWHEAT.

		1866					1872		
17,732	16.0	283,714	$ .70	$ 199,271	8,059	20.1	162,000	$ .61	$ 99,008
		1867					1873		
15,242	20.6	314,000	.79	247,421	8,005	10.5	85,000	.87	74,355
		1868					1874		
14,941	17.2	257,000	.78	200,781	8,106	13.2	107,000	.66	70,433
		1869					1875		
9,580	16.7	160,000	.65	103,961	5,163	19.6	100,300	.67	107,411
		1870					1876		
9,259	21.6	200,000	.62	123,878	9,459	14.8	140,000	.71	100,092
		1871					1877		
5,692	26.7	152,000	.65	98,417					

(*a*) Value reduced to gold basis.

BUCKWHEAT—Continued

Acreage	Average yield per acre	Production	Average farm price	Farm value Dec. 1st	Acreage	Average yield per acre	Production	Average farm price	Farm value Dec. 1st
		1878					1893		
8,800	14.0	123,200	$ .51	$ 62,707	25,016	13.2	330,211	$ .61	$ 201,429
		1879					1894		
8,000	18.0	144,000	.69	99,330	16,230	13.6	221,136	.75	165,852
		1880					1895		
14,610	16.3	238,143	.73	173,844	16,585	13.5	223,898	.50	111,949
		1881					1896		
13,900	12.0	167,000	.93	155,310	15,590	16.2	252,558	.46	116,177
		1882					1897		
16,680	10.8	180,360	.72	129,859	16,214	17.0	275,638	.49	135,063
		1883					1898		
17,014	8.0	135,270	.80	108,216	13,295	16.0	212,720	.48	102,106
		1884					1899		
20,077	10.5	210,000	.57	119,700	12,098	16.0	193,568	.58	112,269
		1885					1900		
20,679	11.8	244,000	.68	165,928	9,920	15.0	148,800	.64	95,232
		1886					1901		
24,608	9.5	234,000	.62	145,080	8,042	13.5	108,567	.70	75,997
		1887					1902		
24,854	9.7	241,000	.67	161,470	7,881	16.0	126,096	.70	88,267
		1888					1903		
26,842	11.5	309,000	.66	203,731	8,906	15.1	134,481	.71	95,482
		1889					1904		
25,243	11.4	285,746	.55	157,710	8,015	14.8	118,622	.67	79,477
		1890					1905		
24,991	14.2	354,872	.63	223,569	7,294	13.0	94,822	.70	66,375
		1891					1906		
24,991	13.5	337,378	.60	202,427	9,000	12.0	108,000	.76	82,080
		1892							
27,490	10.7	294,143	.60	176,486					

HAY.

Acreage	Average yield per acre	Production	Average farm price	Farm value Dec. 1st	Acreage	Average yield per acre	Production	Average farm price	Farm value Dec. 1st
		1866					1884		
611,073	1.90	1,161,039	$ 4.31	$ 5,005,871	3,750,000	1.40	5,062,500	$ 4.20	$ 21,262,500
		1867					1885		
657,894	1.90	1,250,000	4.13	5,166,547	3,787,500	1.15	4,355,625	4.85	21,124,781
		1868					1886		
933,333	1.50	1,400,000	4.84	6,770,830	3,673,875	1.13	4,137,844	5.00	20,689,220
		1869					1887		
887,096	1.86	1,650,000	6.10	10,067,353	3,000,398	.85	3,000,338	7.36	22,524,083
		1870					1888		
1,194,029	1.34	1,600,000	6.91	11,059,246	3,636,402	1.45	5,272,783	4.62	24,360,257
		1871					1889		
995,121	1.64	1,632,000	5.48	8,937,842	5,238,918	1.39	7,264,700	4.50	32,691,150
		1872					1890		
1,232,592	1.35	1,664,000	5.38	8,946,395	5,410,931	1.20	6,493,117	6.75	43,828,540
		1873					1891		
1,397,760	1.25	1,747,200	5.76	10,055,249	5,573,259	1.20	668,911	5.50	36,783,510
		1874					1892		
1,432,131	1.22	1,747,200	5.83	10,193,313	5,684,724	1.25	7,105,905	5.25	37,306,001
		1875					1893		
1,422,222	1.35	1,920,000	5.04	9,675,327	5,457,335	1.58	8,622,589	6.16	53,115,148
		1876					1894		
1,373,239	1.42	1,950,000	4.58	8,936,755	4,693,308	.73	3,426,115	7.39	25,318,990
		1877					1895		
1,961,538	1.30	2,550,000	4.62	11,782,588	4,270,910	1.08	4,612,583	6.45	29,751,141
		1878					1896		
1,980,000	1.80	3,564,000	3.59	12,804,790	4,612,583	1.74	8,025,894	3.99	32,023,317
		1879					1897		
2,314,286	1.54	3,564,000	4.54	16,180,560	4,474,206	1.50	6,711,309	4.25	28,523,063
		1880					1898		
2,007,887	1.42	2,851,200	6.03	17,192,736	4,518,948	1.75	7,908,159	4.05	32,028,044
		1881					1899		
2,833,330	1.25	3,541,662	6.63	23,481,219	3,750,727	1.34	5,025,974	5.30	26,637,662
		1882					1900		
3,173,330	1.22	3,860,412	5.25	20,267,163	3,525,683	1.42	5,006,470	6.80	34,043,996
		1883					1901		
3,363,730	1.30	4,372,849	4.50	19,667,821	3,165,229	1.25	3,956,536	7.67	30,346,631

HAY—Continued

Acreage	Average yield per acre	Production	Average farm price	Farm value Dec. 1st	Acreage	Average yield per acre	Production	Average farm price	Farm value Dec. 1st
		1902					1905		
3,101,924	1.68	5,211,232	$ 6.50	$ 33,873,008	3,038,352	1.70	5,165,198	$ 5.10	$ 26,342,510
		1903					1906		
3,163,962	1.78	5,631,852	5.46	30,749,912	3,500,000	1.35	4,725,000	7.00	33,075,000
		1904							
3,132,322	1.62	5,074,362	5.36	27,198,589					

POTATOES.

		1856					1880		
38,275	72.0	2,755,726	$ .62	$ 1,705,551	107,810	95.0	10,241,950	$ .37	$ 3,789,521
		1857					1881		
30,919	108.7	3,361,000	.57	1,901,999	118,930	55.0	6,541,150	1.02	6,671,973
		1858					1882		
35,104	96.0	3,370,000	.47	1,579,388	128,444	84.0	10,792,807	.38	4,101,301
		1859					1883		
36,585	123.0	4,500,000	.40	1,818,542	134,999	98.0	13,218,868	.28	3,700,725
		1870					1884		
49,263	95.0	4,680,000	.47	2,184,590	137,563	91.0	12,518,000	.28	3,505,040
		1871					1885		
46,442	131.0	6,084,000	.34	2,079,065	137,563	90.0	12,381,000	.41	5,076,075
		1872					1886		
55,258	120.0	6,631,000	.19	1,292,135	140,314	54.0	7,577,000	.47	3,561,190
		1873					1887		
75,341	44.0	3,315,000	.81	2,686,188	141,523	55.0	7,949,000	.62	4,928,380
		1874					1888		
76,236	63.0	4,806,000	.45	2,166,817	187,880	90.0	16,909,000	.29	4,903,668
		1875					1889		
79,090	110.0	8,700,000	.21	1,820,401	172,767	90.0	15,549,030	.20	3,109,806
		1876					1890		
87,500	80.0	7,000,000	.73	5,132,908	176,222	48.0	8,458,656	.70	5,921,059
		1877					1891		
95,000	100.0	9,500,000	.37	3,511,973	177,984	99.0	17,620,416	.22	3,876,492
		1878					1892		
100,700	100.0	10,070,000	.26	2,612,974	160,186	51.0	8,169,486	.75	6,127,114
		1879					1893		
105,700	86.0	9,090,200	.32	2,908,864	168,195	58.0	9,755,310	.65	6,340,952

POTATOES—Continued

Acreage	Average yield per acre	Production	Average farm price	Farm value Dec. 1st	Acreage	Average yield per acre	Production	Average farm price	Farm value Dec 1st
		1894					1901		
176,605	43.0	7,594,015	$ .69	$ 5,239,870	169,734	32.0	5,431,488	$ .94	$ 5,105,599
		1895					1902		
201,330	106.0	21,340,980	.19	4,054,786	173,129	98.0	16,966,642	.34	5,768,658
		1896					1903		
213,410	94.0	20,060,540	.22	4,413,319	162,741	56.0	9,113,496	.75	6,835,122
		1897					1904		
200,605	60.0	12,036,300	.47	5,657,061	164,368	136.0	22,354,048	.28	6,259,133
		1898					1905		
204,617	80.0	16,369,360	.30	4,910,808	166,012	80.0	13,280,960	.49	6,507,670
		1899					1906		
198,478	100.0	19,847,800	.23	4,564,994	140,000	95.0	13,300,000	.43	5,719,000
		1900							
194,508	72.0	14,004,576	.37	5,181,693					

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