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JUL 11 1963

STATE OF IOWA  
BUREAU OF LABOR

BIENNIAL REPORT  
1961 1962

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DES MOINES, IOWA



## REPORT OF IOWA BUREAU OF LABOR 1961 - 1963

The laws administered by the Bureau of Labor, passed to protect the health, welfare and safety of the individual worker are inadequate, wholly absent or out of date. There is a very great need that they be modernized in keeping with present day needs and trends. This is especially true of the Health and Safety Appliance; Child Labor; Passenger and Freight Elevator; and Arbitration Laws.

We have seven factory inspectors located in various parts of the state primarily engaged in making safety inspections of work places. About 5,500 inspections are made each year. Few inspections are made at construction sites, where we have the right of entry but little enforcement power. It is unfortunate for Iowa workers that House File #498 failed to pass by two votes. In this proposed law to set up an Industrial Safety Commission contained four years of work and co-operation, between management's professional safety men, of the Iowa Manufacturers Association, the Iowa Federation of Labor (AFL-CIO) and our Bureau. Safeguards to protect the "rights and needs" of all concerned were incorporated. It is true that a "safety program" can not be legislated but many work hazards can be eliminated in this manner. It is interesting to note that the responsible employers who make worker safety a regular part of their program were not opposed to the law.

On the whole our boiler inspection code is a good law. To protect the public as well as the employee it should be expanded to cover pressure vessels other than steam, such as, air, gasses, certain chemical storage, and refrigeration. Two amendments were made in this law, at this legislative session, to aid our industry, without lessening our protection for the public or the employee.

Under our obsolete Arbitration Law two requests for setting up boards was made. In neither case was it necessary to do so as we were able to get the parties to agree during our case investigation. In the field of mediation and conciliation we have left the job to the Federal Government, so our employers and employees can receive help only from them, in this important area.

The Division of Statistics makes a very comprehensive compilation in the area of work injuries. Part of this work is done in conjunction with the U. S. Bureau of Labor Standards. They also are concerned with statistics on Child Labor and Apprenticeship. To gain useful information in accident work, special surveys were made of injuries in the construction field and of the fifty-seven meat packing plants in Iowa. A special report was also made of the work fatalities in Iowa.



The woman inspector who attempts to do all she can investigating womens work situations and Child Labor problems over the State has an impossible job. To give creditable coverage in Iowa two or three more women would be required when we think of the many cafes, drive-ins, stores and various establishments where women and children work. She finds many places paying low wages, working long hours (for women) under conditions that are really bad.

Our Child Labor Laws badly need to be brought up to date. They are more stringent than the recently relaxed Federal Law in regard to children 14 to 16 years old workwng in restaurants. We feel that there is a need to prevent children 16 to 18 years old from working at very hazardous work. Many decades ago Iowa legislators saw fit to throw off the yoke of oppressive Child Labor. Some who advocate it's return are saying, "We must teach the child good work habits". It is estimated that over 25% of the 26 million youth entering the labor force in the next ten years will be high school drop-outs. The big problem for all of our youth is to get an education. The Law should allow all job possibilites, for our youth, while protecting their health, welfare and education opportunities.

The books of private employment agencies are checked by the Labor Bureau for charges to clients. Spot check are also made of clients to ascertain if there has been an overcharge of fees. Any complaint against an Agency is investigated.

Hundreds of people contact us each year in regard to minimum wages and overtime pay and must be told there is no Iowa Law covering these worker problems. Another very serious problem to many hundreds of Iowa workers is that Iowa has no wage-payment and wage-collection law. They are unable to collect their wages without starting legal action. In most cases the amounts are small and an attorney will not take the case. This usually happens in the low wage areas and the individual badly needs the money. They need help.

Respectfully submitted,

C. D. Daily,  
Commissioner



PERSONNEL OF THE  
IOWA BUREAU OF LABOR

GENERAL ADMINISTRATION

Clarence D. Daily	Commissioner of Labor	Des Moines, Iowa
Curtis M. Kallem	Deputy Commissioner of Labor	Des Moines, Iowa
Joe R. Rogers	Statistician	Ames, Iowa
Della E. Pickett	Bookkeeper	Des Moines, Iowa
Berneice A. Kelley	Stenographer	Des Moines, Iowa
Leah E. Wickliff	Statistical Clerk	Des Moines, Iowa

INDUSTRIAL SAFETY DIVISION

Harry A. Price	Clinton, Iowa	Paul L. Kendall	Ottumwa, Iowa
Charles W. Agan	Manilla, Iowa	Howard E. Seibert	Grimes, Iowa
Larry W. Ritter	Clear Lake, Iowa	Joseph F. Lambert	Dubuque, Iowa
Dudley C. Sigler, Council Bluffs, Iowa			

WOMEN'S INSPECTION DIVISION

E. Marie Wilson	Mt. Pleasant, Iowa
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BOILER DIVISION

Clifford H. Faust	Chief Boiler Inspector	Urbandale, Iowa
Blanche P. Hickman	Clerk	Des Moines, Iowa



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SECTION  
A  
CHILD LABOR



## EMPLOYMENT OF IOWA YOUTH 1961

Youth employment declined during the year 1961, according to the number of Permits received by the Bureau of Labor. Superintendents of Schools and other authorized issuing officers reported to our Bureau that 5,796 Work Permits, Certificates of Age and Street Trades Permits were issued to minors 17 years of age and younger during the year 1961. The Bureau of Labor also received reports that 979 Certificates of Age were issued to persons 18 through 20 years of age, a decrease of 35.1 percent.

There were 551 Work Permits issued in 1961, as compared to 746 in the previous year. Non-manufacturing firms employed 510 with 384 boys and 126 girls. The Wholesale & Retail trade employed the largest number of this group with 281 or 55.0 percent. Manufacturing industries employed only 54, with 49 boys and 5 girls. The Food & Kindred Products trade employed the oargest number with 31 or 57.4 percent of this total.

Certificates of Age for the 16 and 17 year old group decreased 1,561 as compared to 1,749 for the previous year. Manufacturing industries employed 796, with 437 boys and 359 girls. The Food & Kindred Products trade also led in this age group with 410 or 51.5 percent of this total. The rest were employed through-out the various manufacturing industries. Non-manufacturing firms employed 797 with 396 boys and 467 girls. The Wholesale & Retail trade employed the largest number with 472 or 59.2 percent of the total, followed by the Service trades with 110. The Transportation, Communication and Public Utilities trade employed 36, and the rest were employed in the various trades in this field.

Street Trades Permits issuance rose to 3,684 in 1961, as compared to 3,391 in 1960. All of the 3,684 permits were issued to boys, and of this total 3,493 were issued for Newsboys and for various street occupations 191 were issued.

Of the 979 Certificates of Age issued for persons 18 years of age and over 663 were for boys and 316 were for girls. There is no data compiled from certificates for persons over 18 years of age, as they are merely proof for the employer so that he will not be employing minors at jobs prohibited by State and Federal Child Labor Laws.

### NUMBER OF EMPLOYMENT CERTIFICATES ISSUED IN 1961 IN RELATION TO ISSUANCE FOR 1960.

	YEAR 1961	YEAR 1960	PERCENT CHANGE
TOTAL EMPLOYMENT PERMITS ISSUED	6,775	8,673	- 21.9
WORK PERMITS (14 & 15 year olds)	551	746	-26.1
STREET TRADES PERMITS (11-15 year old)	3,684	3,391	+ 79.5
CERTIFICATES OF AGE (16 & 17 year old)	1,561	1,749	- 10.7
CERTIFICATES OF AGE (18-20 year old)	979	2,787	- 64.9 Cont. Over



During the year 1961 the Bureau of Labor cancelled 45 Work Permits, either because the minor was workwng at a job where his life or health was in danger, or at a job which required them to work past 6 P. M. the ending time required by the Iowa Child Labor Law. There were also 8 Street Trades Permits cancelled because of age or working past the quitting time. The Bureau of Labor does not have jurisdiction to cancel a permit after the minor has reached the age of 16, however, when we receive a Certificate of Age for a minor over 16 years of age who is working in violation of the Federal Child Labor Law, we bring it to the attention of the Federal Authorities.



## EMPLOYMENT OF IOWA YOUTH 1962

Youth employment increased during the year 1962, according to the number of Permits received by the Bureau of Labor. Superintendents of Schools and other authorized issuing officers reported to our Bureau that 7862 Work Permits, Certificates of Age and Street Trades Permits were issued to minors 17 years of age and younger during the year 1962. The Bureau also received reports that 2134 Certificates of Age were issued to persons 18 through 20 years of age.

There were 789 Work Permits issued in 1962, as compared to 551 in the previous year. Non-manufacturing firms employed 770 with 595 boys and 175 girls. The Wholesale & Retail trade employed the largest number of this group with 438 or 56.9 percent. Manufacturing industries employed only 75 with 66 boys and 9 girls. The Food & Kindred Products trade employ the largest number with 20 or 26.7 percent of this total.

Certificates of Age for the 16 and 17 year old group increased to 1728 as compared to 1561 for the previous year. Manufacturing industries employed 907 with 531 boys and 376 girls. The Food & Kindred Products trade also led in this age-group with 434 or 47.8 percent of this total. The rest were employed through-out the various manufacturing industries. Non-manufacturing firms employed 874 with 489 girls and 385 boys. The Wholesale & Retail trades employed the largest number with 495 or 56.6 percent of the total, followed by the Service Trades with 102. The Government, County, City and Schools employed 98, while 29 were employed in the Transportation, Utility field, and the rest were employed in the various trades in the field.

Street Trades Permits issued decreased to 3,061, as compared to 3,684 for the year 1961. All of the 3,061 permits issued were for boys, and of this total 3,046 were Newsboys, the remaining 15 in various street occupations.

Of the 2284 Certificates of Age issued for persons 18 years of age and over, 1283 were boys and 1001 girls. There is no data compiled from Certificates of Age, persons over 18 years of age and over, as they are merely proof for the employer, so that he will not be hiring minors at jobs prohibited by State and Federal Laws.

### NUMBER OF EMPLOYMENT CERTIFICATES ISSUED IN 1962 IN RELATION TO ISSUANCE FOR 1961

	YEAR 1961	YEAR 1962	PERCENT CHANGE
TOTAL EMPLOYMENT PERMITS ISSUED	6775	9996	+ 47.5
WORK PERMITS (14 & 15 years old)	551	789	+ 43.2
STREET TRADES PERMITS (11 to 15 years)	3684	3061	- 16.9
CERTIFICATES OF AGE (16-17 year old)	1561	1728	+ 10.7
CERTIFICATES OF AGE (18-20 years old)	979	2284	+ 13.3
			Cont. Over



During the year 1962 the Bureau of Labor cancelled 39 Work Permits, either because the minor was working at a job where his life or general health was in danger, or at a job which required working past 6 P. M. the prescribed quitting time as required by Iowa Child Labor Laws. There were also 170 Street Trades Permits cancelled because of age or working past the time limit. We also had one (1) Certificate of Age cancelled. The Labor Bureau does not have jurisdiction to cancel a permit after the minor reaches the age of 16, however, when we receive a Certificate of Age for a minor who is working in violation of the Federal Child Labor Law, we bring it to the attention of the Federal Authorities.



SECTION

B

APPRENTICESHIP



## IOWA APPRENTICESHIP ACTIVITY FOR THE YEAR 1961

The Iowa Apprenticeship Council registered 349 new apprentices during the year 1961, the Council also received reports of 271 completions, 305 cancellations, no reinstatements or interruptions.

The largest number of apprentices were employed at Des Moines with 92, followed by Davenport with 86, Cedar Rapids with 76, Waterloo with 27, Sioux City with 17, Dubuque with 9, Fort Dodge and Ottumwa each with 8, Clinton with 6, Bettendorf with 4, Keokuk, Mason City, and Burlington each with 3, Marshalltown with 2, Madrid, Centerville, Webster City, Ames and Council Bluffs each with 1.

The plumbers pipefitters steamfitters trade employed the largest number of new apprentices with 52, electricians with 40, sheet metal with 36, bricklayers with 25, carpenters with 16, auto mechanics with 14, machinist maintenance with 13, printers with 11 and the rest were employed in the various field of the trade.

There were 271 completions for the year the plumbers, pipefitters steamfitters led with 61, followed by the carpenters with 41, sheet metal with 27, tool and die makers with 26, printers with 24, electricians with 21, and the rest were employed in the various trades in the field.

There were 305 cancellations for the year, carpenters trade led with 58, followed by auto mechanics with 44, meat cutters with 19, plumbers pipefitters steamfitters and electricians each with 17, printers with 11, lathers with 10 and the rest were employed in the various trades in the field.

NEW REGISTRATIONS & REINSTATEMENTS		COMPLETIONS INTERRUPTIONS		CANCELLATIONS SUSPENSIONS		GAIN OR LOSS
349		271		305		- 227
*ACT. YR. BEG.	REG.	REIN.	COMPL.	INTER.	CAN.	ACTIVE MO. END.
1771	349	0	271	0	305	1544

\* Active at year beginning, Registrations, Reinstatements, Completions, Interruptions, Cancellations, Active month end.



## IOWA APPRENTICESHIP ACTIVITY FOR THE YEAR 1962

The Iowa Apprenticeship Council registered 339 new apprentices during the year 1962, the Council also received reports of 349 completions, 153 cancellations 5, reinstatements and 3 interruptions.

The largest number of new apprentices were employed at Cedar Rapids with 66, followed by Des Moines with 43, Sioux City with 37, Waterloo with 34, Burlington with 31, Davenport with 29, Charles City with 27, Ottumwa with 16, Dubuque with 11, Fort Dodge with 7, Mason City, Fort Madison and Ames with 4, Clinton and Lake Mills with 3, Pella, Keokuk, Oskaloos with 2, Swan, Council Bluffs, Carroll, Newton, Cherokee, Humboldt, Clarksville, Storm Lake and Bettendorf with 1 each.

The carpenters trade employed the largest number of new apprentices with 53 followed by electricians with 51, plumbers pipefitters steamfitters with 33, tool and die makers with 30, bricklayers with 29, machine repairman and painter with 20, factory machine repairman with 16, sheet metal with 13, millright and machinist with 10, and the rest were employed in the various trades in the field.

There were 349 completions for the year. The carpenter trade led with 58m followed by the electricians with 43, plumber pipefitters steamfitters with 40, auto mechanic with 35, bricklayer with 25, auto body repairman with 19, tool die maker and printers with 16, sheet metal with 15, and the rest were employed in various trades in the field.

There were 153 cancellations for the year. The tool and die makers led with 31, followed by carpenters with 20, printers and electricians with 15, plumber steamfitters pipefitters with 13, sheet metal with 9 and the rest were employed in the various trades in the field.

The Council reported 3 interruptions during the year. Tool and die makers with 1, factory machine repairman with 1 and industrial electrician with 1, The Council had 5 reinstatements during the year. Millright with 2, pipefitter with 1, tool and die maker with 1 and electrician with 1.

NEW REGISTRATIONS & REINSTATEMENTS		COMPLETIONS INTERRUPTIONS		CANCELLATIONS SUSPENSIONS		GAIN OR LOSS
344		352		153		- 161
*ACT.YR. BEG.	REG.	REIN.	COMPL.	INTER.	CAN.	ACTIVE MO. END.
1544	339	5	349	3	153	1383

\* Active at year beginning, Registrations, Reinstatements, Completions, Interruptions, Cancellations, Active month end.



SECTION  
C  
BOILER DIVISION



## BOILER DIVISION

A boiler is more than rolled steel, flanged plates, and metal parts. It is more than a generator of power and heat. The ugly duckling of power giving group is at all times during operation a potential menace of life and property about it. A poorly welded seam, inadequate stress relieving, or a low grade of steel and the squat hissing pot works the ravages of a weapon of war. Concussive effect of an explosion, plus flying steel splinters, scalding water and steam are some of the hazards concomitant to boiler operation.

It is this inherent peril that is behind Chapter 89. of the Boiler Inspection Law, requiring that every boiler used for generating steam or heat carrying a pressure of more than fifteen pounds per square inch shall be inspected at least once a year. Such inspection is performed by a duly authorized inspector.

In the zone of the Division jurisdiction, there has not been high pressure boiler explosion in Iowa for several years. However, boilers are getting older. Greater pressures are demanded for new industrial processes, and the strain on present metals and alloys is increasing.

Time and time again we are asked the question, "what do you mean when you say that a boiler must conform to the A. S. M. E. Code?". Or, "what is an A. S. A. Code for elevators?". "what is the significance of a code?".

Well, to answer these question in order, and in a effort to explain at least in part just what a code signifies we will take the A. S. M. E. Code "for pressure vessels. About three hundred years ago, one Edward Somerset of England constructed what he called a water commanding engine. It was used to raise water from a well by condensation of steam, the water then being forced to a higher level by the pressure of steam.

For this simple device, which authorities agree is the first practical application of steam in useful work, to the close of the eighteenth century when Watt and Boulton were constructing their famous steam engines, pressure in use was extremely low and the design of the apparatus supplying the steam required and received little attention. Nevertheless, long before working gauges showed pressure of 165 pounds disastrous explosions were frequent occurrences.

Strange as it may now seem, the cause of boiler explosions was attributed to mysterious agencies or acts of God, all of which were beyond the control of man. There are still a few hard headed individuals who subscribe to that theory, and there are too many states whose legislators close their eyes and refuse hard and irrefutable fact.



In the past fifty years, and only during the past fifty years, men of practical and scientific minds recognized that explosions could be traced to definite causes. First and foremost, the fabrication of metal with sufficient tensile strength to withstand the stresses of pressure under the varying degrees of temperature. Second, it was recognized that design and construction of the vessel was of major importance. It was recognized that many pressure vessels were built which were inadequate to withstand the stresses created in them by normal working conditions, their weakness being due to faulty material, improper design or poor workmanship. In other instances the boiler became unsafe as a result of deterioration in service, improper operation and operation above the pressure which the boilers were intended to withstand. These men, when they first advanced these prosaic explanations, were even regarded as enemies by many who preferred the "mysterious agency" theories.

In 1865 the steamship "Sultana" with 2,021 persons aboard including 1,800 Union soldiers returning from prison camps, had one of her boilers explode. Many persons were killed outright, many more injured and hundreds drowned. The total number of lives lost was 1,238. From the meager reports available it appeared that a boiler built for 90 p. si. and was actually operating at a pressure in excess of 150 p. s. i. and at a factor of safety that would not be tolerated in the present day.

Your modern pressure vessel constructed today in accordance with the A. S. M. E. Code is assured first, that the metal used in its construction has been subjected to severe tests that will detect flaws, lamination or other weakness, the welds are radiographed and each piece of metal that has been tested and found flawless is stamped and each weld that is perfect is stamped and the vessel itself is inspected periodically during construction to see that each part and the workmanship throughout conform to the Code. When the vessel is complete it is subjected to a hydrostatic test at one and one-half times its working pressure and the bursting pressure of that vessel must be five times greater than its working pressure. All this information is submitted on a Manufacturer's Data to the state in which the boiler or vessel will operate and permits and certificates for operation will allow only the working pressure for which the vessel has been constructed. Once the vessel is installed it is inspected at least twice a year in order to detect any defects due to deterioration or improper operation. Thus by the adoption of a recognized code which has been formulated by experience and the best minds in the country in that field, the construction of a vessel in accordance with that code and the developed from operational causes, we are assured that everything humanly possible has and is being done to protect life and property. The results are everywhere apparent, boiler explosions and consequent loss of life are not an every day occurrence, as a matter of fact they are a rare occurrence. But even so, constant vigilance is the key to successful administration of this or any other code.



The following summary is the amount of revenue turned over to the State Comptroller.

WORK OF BOILER INSPECTORS

July 1, 1958 to June 30, 1959

Iowa Inspections	818	
Insurance Inspections	3105	
Iowa fees collected		\$3001.00
No Insurance fees		

July 1, 1959 to June 30, 1960

Iowa Inspections	762	
Insurance Inspections	3298	
Iowa Fees collected		\$4179.00
Insurance fees collected		<u>3298.00</u>
Total		\$7477.00

July 1, 1960 to June 30, 1961

Iowa Inspections	898	
Insurance Inspections	4557	
Iowa Fees collected		\$4840.00
Insurance Fees collected		<u>4557.00</u>
Total		\$9397.00

July 1, 1961 to June 30, 1962

Iowa Inspections	778	
Insurance Inspections	3371	
Iowa fees collected		\$4195.00
Insurance fees collected		<u>3371.00</u>
Total		\$7566.00

Due to a change in the Iowa law eliminating vessels under 5 cubic feet of Steam by volume a decrease of inspections and fees are the contributing factor in a decrease in fees for 1961-1962.



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SECTION  
D  
EMPLOYMENT-AGENCIES



BUREAU OF LABOR  
FEE ACCOUNT  
JULY 1, 1960 TO JUNE 30, 1961

<u>Particulars</u>	<u>Amount</u>
<u>EMPLOYMENT AGENCY FEES</u>	
Receipt Balance on Hand	
July 1, 1960	150.00
Less Refund on License	<u>- 50.00</u>
	100.00
Receipts -	
40 Licenses @ \$50.00 each	<u>2,000.00</u>
<u>TOTAL TO ACCOUNT FOR</u>	2,100.00
Remitted to Treasurer of State--	
41 License Fees @ \$50.00 each	<u>2,050.00</u>
Receipts Balance on Hand, June 30, 1961	<u><u>50.00</u></u>

BUREAU OF LABOR  
FEE ACCOUNT  
JULY 1, 1961 TO JUNE 30, 1962

<u>Particulars</u>	<u>Amount</u>
<u>EMPLOYMENT AGENCY FEES</u>	
Receipt Blance on Hand	
July 1, 1961	50.00
Receipts--36 Licenses @ \$50.00 each	<u>1,800.00</u>
<u>TOTAL TO ACCOUNT FOR</u>	1,850.00
Remitted to Treasurer of State -	
36 License Fees @ \$50.00 each	<u>1,800.00</u>
Receipt Balance on Hand, June 30, 1962	<u><u>50.00</u></u>



BUREAU OF LABOR  
FEE ACCOUNT  
JULY 1, 1958 TO JUNE 30, 1959

<u>Particulars</u>	<u>Receipts</u>	<u>Disbursements</u>	<u>Balance June 30, 1959</u>
<u>EMPLOYMENT AGENCY FEES:</u>			
Licenses Issued -			
Expiring June 30, 1959			
No. 54 to 61 Inc.			
8 @ 50.00	400.00		
Expiring June 30, 1960			
No. 62 to 84 Inc.			
23 @ 50.00	<u>1,150.00</u>	1,550.00	
Remitted to State Treasurer		<u>1,500.00</u>	
Total Employment Agency Fees	<u>1,550.00</u>	<u>1,500.00</u>	<u>50.00</u>

BUREAU OF LABOR  
FEE ACCOUNT  
YEAR ENDING JUNE 30, 1960

<u>Particulars</u>	<u>Receipts</u>	<u>Remitted to State Treasurer</u>	<u>Balance June 30, 1960</u>
<u>EMPLOYMENT AGENCY FEES:</u>			
Balance July 1, 1959	50.00		
Licenses Issued			
Expiring June 30, 1960			
Nos. 85 thru 99	700.00		
No. 90 Voided			
Expiring June 30, 1961			
Nos. 100 thru 122	<u>1,150.00</u>		
Remitted to State Treasurer		<u>1,750.00</u>	
Balance	1,900.00	1,750.00	150.00**



SECTION  
E  
FREQUENCY-RATES



1/ INJURY FREQUENCY RATES IN IOWA MANUFACTURING INDUSTRIES  
FOR THE YEAR 1961

Code No. <u>2/</u>		1st Qtr. 1961	2nd Qtr. 1961	3rd Qtr. 1961	4th Qtr. 1961	National Average 1961
TOTAL MANUFACTURING		11.7	12.2	15.3	14.0	11.0
20	FOOD KINDRED PROD.	16.2	16.0	20.9	20.4	19.4
201	Meat Prod.	15.9	17.8	23.2	24.2	23.5
202	Dairy Prod.	25.0	13.8	19.2	13.0	15.9
203	Canning Preserving	12.2	14.1	24.2	4.4	20.8
204	Grain Mill Prod.	14.8	9.9	11.5	9.7	16.2
205	Baking Prod.	14.2	25.0	24.4	4.6	16.6
207	Confectionary Related Prod.	24.7	.0	.0	17.8	18.4
208	Beverages	15.4	12.4	12.8	21.6	22.7
206-9	Sugar Misc. Food Preparation	22.6	20.0	41.8	24.3	14.8
22	TEXTILE MILL PRODUCTS	*	*	*	*	
23	APPAREL RELATED PRODUCTS	8.7	4.9	8.8	2.8	9.2
231-2	Clothing Mens and Boys	4.8	.0	.0	6.3	6.2
233-4	Clothing Women and Children	.0	.0	.0	.0	5.0
235-6	Millinery Children Outerwear	.0	.0	.0	.0	8.3
237-8-9	Fur Goods Apparel Tex. Prod.	17.5	11.6	20.9	2.3	5.8
24	LUMBER WOOD PRODUCTS	12.7	12.2	16.7	12.2	36.3
242	Sawmills Planning Mills	37.2	.0	.0	.0	36.0
243	Millwork Related Prod.	9.8	17.0	16.9	12.8	22.6
244	Wooden Containers	*	*	*	*	31.6
249	Misc. Wood Prod.	*	*	*	*	29.9
25	FURNITURE FIXTURES	15.9	13.3	29.2	16.0	17.7
251	Household Furn.	10.0	16.8	9.3	15.2	19.6
252-3	Office Public Bldg. Furn.	18.3	.0	24.3	17.7	13.0
254-9	Partitions, Misc. Furn. Fix.	*	*	*	*	17.1



Code No. 2/		1st Qtr. 1961	2nd Qtr. 1961	3rd Qtr. 1961	4th Qtr. 1961	National Average 1961
26	PAPER ALLIED PRODUCTS	7.6	7.7	10.2	7.4	12.1
263	Paperboard Mills	.0	.0	13.1	12.7	10.5
264	Converted Paper, Paperboard Prod.	5.8	3.4	5.9	9.3	14.2
265-6	Container Boxes Bldg. Paper	7.8	11.0	12.1	5.8	12.9
27	PRINTER PUBLISHING	7.2	8.4	10.3	7.6	10.0
271-23	Newspapers Periodicals Bks.	7.7	8.0	6.4	7.7	8.5
274-5	Misc. Pub. Commercial Prtg.	3.5	3.0	10.8	2.6	--
276-7	Bus. Form Greeting Cards	14.0	28.6	.0	37.0	10.6
278-9	Book Binding Serv. Ind.	.0	10.6	.0	.0	16.7
28	CHEMICAL ALLIED PRODUCTS	9.0	4.7	14.1	13.9	9.0
281-2	Ind. Chem. Plastics Synthetics	8.7	2.5	18.7	12.9	4.6
283	Drugs Medicine	4.1	5.0	19.5	17.6	6.6
284-5	Soaps Paints Allied Prod.	4.4	.0	3.8	5.9	11.7
287-9	Agr. Chem. Mech. Chem. Prod.	30.3	21.7	21.0	46.5	19.3
29	PETROLEUM REFINING	*	*	*	*	7.8
30	RUBBER MISC. PLASTIC PROD.	3.9	2.2	2.0	6.5	7.2
31	LEATHER - LEATHER PROD.	.*	.0	9.1	.0	12.0
32	STONE CLAY GLASS PROD.	28.3	28.3	19.4	23.9	
324	Cement Hydraulic	4.8	.0	2.7	.0	*
325	Structural Clay Prod.	47.7	90.0	42.6	65.7	32.0
327	Concrete Gypsum Plaster Prod.	17.5	11.0	19.6	22.1	22.9
328	Cut Stone Stone Prod.	*	*	*	*	*



Code No. 2/		1st Qtr. 1961	2nd Qtr. 1961	3rd Qtr. 1961	4th Qtr. 1961	National Average 1961
33	PRIMARY METAL INDUSTRY	23.7	22.0	33.6	27.7	10.4
331-2	Steel Works, Iron Steel Foundry	46.0	36.0	61.8	59.3	17.3
335-6-9	Nonferrous Metal Rolling Drawing Foundries Misc. Metal Ind.	2.8	7.5	2.5	1.7	10.8
34	FABRICATED METAL PRODUCTS	12.6	15.5	19.5	16.6	14.1
342	Cutlery Hand Tools Hdwr.	.0	.0	.0	41.4	15.0
343	Heating Plumbing Equip.	3.7	8.6	15.2	6.0	11.2
344	Structural Metal Prod.	11.9	17.5	17.3	24.9	20.5
345-6	Screen Mach. Prod. Metal Stamp.	8.1	8.7	13.6	12.7	11.8
347-8-9	Electroplating Fab. Wire Misc.	20.3	15.6	23.0	14.7	9.9
	FABRICATED METAL PRODUCTS					
35	MACHINERY (EXCEPT ELEC.)	10.4	10.2	10.3	9.8	
351	Engines-Turbines Apparatus	21.9	13.7	19.6	15.9	
352	Farm Mach. Equip.	8.3	7.6	5.2	5.9	
353	Construction Mining Mach.	12.6	18.1	17.4	13.4	
354-5	Metal Working Spec. Ind. Mach.	20.0	14.3	31.6	14.3	
356	Gen. Ind. Mach. Equip.	8.7	8.5	16.4	12.6	
358	Serv. Ind. Mach.	20.6	10.5	45.3	37.7	
359	Misc. Mach. (except elec.)	29.0	26.8	16.9	34.7	
36	ELECTRICAL MACHINERY	6.6	7.1	7.1	7.4	
361-2	Elec. Industrial	4.9	3.2	7.5	11.8	
363	Household Appliance	4.8	9.5	10.4	11.2	
365-6-7	Communication Equip. Receiving Set	7.7	11.7	5.0	5.0	
	ELECTRONIC COMPONENTS					
364-9	Lighting Wiring Misc. Elec. Prod.	5.0	7.7	.0	7.3	
37	TRANSPORTATION EQUIPMENT	13.2	16.1	39.2	40.9	



Code No. <u>2</u> /					National Average 1961
	1st Qtr. 1961	2nd Qtr. 1961	3rd Qtr. 1961	4th Qtr. 1961	
39-19	MISC. MANUFACTURING ORD.	5.2	12.9	11.8	6.3

1/ Injury Industrial Classification Code

2/ Standard Industrial Classification Code

\*/ Rate is not Published when there is less than three reporting units.



FREQUENCY RATES BY COUNTIES WITH OVER A MILLION EMPLOYEE HOURS  
WORKED AND BY PLANT SIZE

PLANTS EMPLOYING					COUNTY				
	1st Qtr. 1961	2nd Qtr. 1961	3rd Q tr. 1961	4th Qtr. 1961		1st Qtr. 1961	2nd Qtr. 1961	3rd Qtr. 1961	4th Qtr. 1961
10 or Less	9.3	8.2	34.1	19.6	BLACK HAWK	11.5	12.1	16.9	16.0
11-25	18.8	13.8	19.6	14.3	CLINTON	4.2	4.4	5.6	5.8
26-50	19.8	25.4	28.0	23.0	DES MOINES	8.5	9.5	8.7	2.8
51-100	20.9	17.5	23.2	20.7	DUBUQUE	16.3	18.0	17.8	23.3
101-200	13.0	20.2	23.5	18.1	JASPER	2.5	3.8	6.9	7.2
201-300	16.1	12.6	21.3	13.6	LINN	11.9	11.8	11.6	9.5
301-400	7.6	10.3	9.0	21.7	LEE	10.6	5.8	11.2	14.0
401-500	16.3	4.9	8.1	17.9	MARSHALL	21.9	15.2	20.0	14.5
501-750	8.5	8.0	18.5	10.0	POLK	8.6	10.8	11.5	14.5
751-1000	8.8	12.8	8.7	10.8	SCOTT	10.2	9.6	16.9	11.6
1001-2500	7.9	7.3	10.0	6.8	WATERLOO	9.3	11.4	10.2	9.8
2501- OVER	10.1	10.3	11.3	13.2	WEBSTER	13.6	23.5	21.3	16.2
					WOODBURY	21.9	17.7	36.7	22.4



INJURY FREQUENCY RATES IN IOWA MANUFACTURING INDUSTRIES  
FOR THE YEAR 1962

Code No. 2/		1st Qtr. 1962	2nd Qtr. 1962	3rd Qtr. 1962	4th Qtr. 1962	National Average 1962
TOTAL MANUFACTURING		13.1	12.0	12.9	12.4	11.4
20	Food Kindred Prod.	20.0	17.1	17.9	17.7	20.5
201	Meat	22.0	20.0	18.7	19.7	27.1
202	Dairy Prod.	19.0	15.4	18.3	20.6	17.1
203	Canning Preserving	40.5	26.9	27.9	18.3	22.0
204	Grain Mill Prod.	10.7	8.4	14.0	8.8	17.3
205	Baking Prod.	16.7	17.2	13.9	9.2	16.6
207	Confectionary Related Prod.	49.6	10.5	55.0	106.2	17.0
208	Beverages	3.6	19.5	19.6	21.4	25.4
206-9	Sugar Misc. Food Prep.	33.9	18.1	15.2	29.4	16.7
22	TEXTILE MILL PRODUCTS	*	*	*	*	9.8
23	APPAREL RELATED PRODUCTS	7.4	4.4	4.7	6.5	6.7
231-2	Clothing Men Boys	7.7	3.7	.0	5.4	6.8
233-4	Clothing Women Children	4.3	.0	.0	.0	6.2
235-6	Millinery Children Outerwear	21.0	.0	19.3	.0	7.8
237-8-9	Fur Goods-Apparel-Ten. Prod.	11.3	9.2	9.1	14.3	7.6
24	LUMBER WOOD PRODUCTS	15.1	10.9	20.6	23.0	34.9
242	Sawmills Planning Mill	69.0	.0	.0	27.9	37.6
243	Millwork Related Prod.	12.2	11.6	19.2	18.4	22.3
244	Wooden Containers	.0	.0	91.3	144.2	34.7
249	Misc. Wood Prod.	48.0	.0	48.6	.0	27.4



Code No. <u>2/</u>		1st Qtr. 1962	2nd Qtr. 1962	3rd Qtr. 1962	4th Qtr. 1962	National Average 1962
25	FURNITURE FIXTURES	11.5	9.2	23.3	19.4	19.6
251	Household Furniture	10.0	8.5	28.5	16.9	20.8
252-3	Office Publ Bldg. Furn.	12.6	.0	18.3	24.1	15.4
254-9	Partitions Misc. Furn. Fix.	28.8	46.6	.0	.0	20.3
26	PAPER ALLIED PRODUCTS	9.3	5.2	13.5	14.1	12.2
263	Paperboard Mills	.0	.0	13.5	15.6	9.6
264	Converted Paper-Paperboard Prod.	6.1	.0	17.4	33.2	15.7
265-6	Containers Boxes Bldg. Paper	11.3	8.3	11.8	8.0	13.4
27	PRINTERS PUBLISHING	6.4	7.9	9.2	5.8	11.4
271-2-3	Newspapers Periodicals Bks.	7.1	7.5	10.2	6.5	9.5
274-5	Misc. Pub. Comm. Prtg.	2.4	11.6	2.7	.0	12.2
276-7	Bus. Forms. Greeting Cards	.0	.0	.0	.0	.0
278-9	Bookbinding Serv. Ind.	.0	10.7	10.9	10.4	19.3
28	CHEMICALS ALLIED PRODUCTS	8.9	13.6	.8	6.3	8.1
281-2	Ind. Chem. Plasters Synthetic	11.2	16.5	.0	9.2	5.4
283	Drugs Medicine	23.3	23.0	.0	.0	5.8
284-5	Soaps Paints Allied Prod.	.0	4.5	1.5	.0	12.2
287-9	Agr. Mech. Chem. Chem. Pro.	7.7	15.6	.0	15.0	19.9
29	PETROLEUM REFINING	.*	.*	.*	.*	.*
30	RUBBER MISC. PLASTIC PRODUCTS	2.6	2.0	3.6	1.4	7.7



Code No. <u>2/</u>		1st Qtr. 1962	2nd Qtr. 1962	3rd Qtr. 1962	4th Qtr. 1962	National Average 1962
31	LEATHER - LEATHER PRODUCTS	.0	.0	12.8	.0	12.4
32	STONE CLAY GLASS PRODUCTS	15.9	20.2	18.4	25.6	15.5
324	Cement Hydraulic	.0	1.5	1.3	5.8	*
325	Structural Clay Prod.	23.2	47.5	25.9	51.2	29.3
327	Concrete Gypsum Plaster Prod.	23.6	24.4	26.2	24.0	24.0
328	Cut Stone - Stone Prod.	29.5	.0	.0	.0	16.9
329	Minerals Ground & Treated	*	*	*	*	*
33	PRIMARY METAL INDUSTRY	19.2	17.5	22.1	23.6	11.0
321-2	Steel Works-Iron Steel Foundry	42.4	41.5	58.8	54.3	19.2
335-6-9	Nonferrous-Metal Drawing-Rolling	2.5	4.0	1.2	4.0	11.3
	FOUNDRIES MISC.- METAL INDUSTRIES					
34	FABRICATED METAL PRODUCTS	16.1	20.3	19.8	15.6	15.6
342	Cutlery Hand Tools Hardware	28.1	17.3	12.8	8.9	14.2
343	Heating Plumbing Equip.	7.8	12.7	4.8	10.0	10.8
344	Structural Metal Prod.	23.4	28.2	35.3	15.9	21.5
345-6	Screen Mach-Prod. Metal Stamping	19.7	35.2	22.7	27.8	13.6
347-8-9	Electroplating-Fab-Wire-Misc.Fab.	15.5	16.7	15.3	16.2	10.2
	METAL PRODUCTS					
35	MACHINERY EXCEPT ELEC.	12.2	10.4	10.7	11.0	10.4
351	Engines Turbines Apparatus	16.2	6.2	15.0	14.4	6.0
352	Farm Mach. Equip.	8.1	8.1	7.1	9.5	7.7
353	Construction-Mining Mach.	18.5	16.9	11.3	11.0	16.3
354-5	Metal Working-Spec.Ind. Mach.	20.4	14.5	21.0	18.3	9.9
356	Gen. Ind. Mach. Equip.	11.5	14.1	25.0	9.2	13.8
358	Serv. Ind. Mach.	38.2	17.1	29.6	34.7	15.8
359	Misc. Mach. Except Elec.	37.5	19.2	21.2	14.3	11.6



Code No.	<u>2/</u>	1st Qtr. 1962	2nd Qtr. 1962	3rd Qtr. 1962	4th Qtr. 1962	National Average 1962
36	ELECTRICAL MACHINERY	7.8	6.3	5.9	4.3	5.1
361-2	Electrical Ind.	12.3	12.7	8.5	6.9	6.2
363	Household Appliance	11.3	4.7	5.4	4.2	6.6
365-6-7	Communication-Equip. Receiving Sets	6.1	6.5	5.8	4.2	4.5
	ELECTRONICS COMPONENTS					
364-9	Lighting Wiring Misc. Elec. Prod.	4.6	2.3	4.8	.0	4.7
37	TRANSPORTATION EQUIPMENT	7.3	16.8	29.8	21.4	5.2
38	INSTRUMENTS RELATED PROD.	5.4	.0	9.6	6.4	5.2
39-19	Misc. Mfg. Ordnance	5.7	6.5	9.6	9.0	13.2

1/ Injury Frequency Rate is the average number of Disabling Work Injuries for each million employee hours worked.

2/ Standard Industrial Classification Code.

\* Rate is not published when there are less than 3 reporting units.



FREQUENCY RATE BY COUNTIES WITH OVER A MILLION  
EMPLOYEE HOURS WORKED AND BY PLANT SIZE

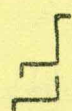
ALL MANUFACTURING PLANTS  
EMPLOYING

	1st Qtr. 1962	2nd Qtr. 1962	3rd Qtr. 1962	4th Qtr. 1962
10 or less	26.7	14.9	31.1	26.6
11-25	19.2	14.9	17.5	18.4
26-50	20.4	18.1	21.8	16.7
51-100	17.8	19.1	18.6	22.2
101-200	8.1	15.8	19.8	18.5
201-300	18.6	17.9	18.1	18.0
301-400	7.5	11.7	17.9	14.8
401-500	12.5	16.1	9.6	14.5
501-750	7.3	9.1	12.9	7.1
751-100	11.5	4.3	10.4	7.0
100-2500	6.4	5.6	6.7	6.5
2500-over	12.9	11.6	9.4	10.3

	1st Qtr. 1962	2nd Qtr. 1962	3rd Qtr. 1962	4th Qtr. 1962
Black Hawk	18.8	13.5	10.0	12.4
Cerro Gordo				22.4
Clinton	3.1	6.4	4.3	2.7
Des Moines	6.4	2.3	9.1	6.2
Dubuque	17.6	2.3	21.6	18.8
Floyd				19.8
Jasper	4.9	5.3	3.7	1.1
Linn	10.8	10.4	9.2	8.6
Lee	17.6	12.8	20.2	13.4
Marshall	11.6	14.9	16.9	13.7
Polk	9.3	10.7	12.8	11.4
Scott	5.7	7.1	8.4	7.2
Wapello	14.7	13.0	10.5	16.2
Webster	18.9	21.2	11.8	19.4
Woodbury	21.4	14.1	23.3	17.9



IOWA WORK INJURIES



SECTION



NUMBER OF DISABLING INJURIES BY INDUSTRY AND AGENCY

INDUSTRY	HAND TOOLS	ELEVATORS, HOISTING & CONVEYING MACHINES	MACHINES & MOTORS, POWER TRANS., MACH.	POWER DRIVEN MACHINERY	OTHER MACHINERY	MOTOR VEHICLES	OTHER VEHICLES	ELECTRICITY, HEAT & EXPLOSIVES	HARMFUL SUBSTANCES	ANIMALS	OTHERS	TOTAL
TOTAL	1182	282	81	580	346	337	249	158	134	134	2471	5954
ORDNANCE & ACCESSORIES	0	0	0	0	0	0	0	0	0	0	0	
FOOD & KINDRED PRODUCTS	360	56	8	77	44	49	91	19	33	101	537	
TEXTILE & MILL PRODUCTS	0	0	0	0	0	0	0	0	0	0	0	
APPAREL & OTHER FINISHED PRODS.	6	0	0	8	1	0	2	1	0	0	8	
LUMBER & WOOD PRODUCTS	8	2	0	23	5	3	5	0	0	1	23	
FURNITURE & FIXTURES	9	0	0	4	3	1	2	0	1	0	21	
PAPER & ALLIED PRODUCTS	3	2	1	7	4	1	3	0	1	0	8	
PRINTING, PUBLISHING & ALLIED PRODS.	14	2	1	11	8	1	4	3	0	0	46	
CHEMICAL & ALLIED PRODUCTS	36	9	1	6	10	6	5	3	4	4	60	
PRODUCTS OF PETROLEUM & COAL	2	0	0	2	1	4	0	0	2	0	4	
RUBBER & PLASTICS	4	1	0	6	4	0	1	0	0	0	9	
LEATHER	0	0	0	0	0	0	0	0	0	0	4	
STONE, CLAY & GLASS PRODUCTS	21	11	1	14	13	11	7	2	3	0	67	
FOUNDRY, PRIMARY METAL PRODUCTS	70	39	1	53	40	4	12	20	3	0	113	
FABRICATED METAL PRODUCTS	68	28	3	72	23	9	5	13	6	4	124	
MACHINERY ( EXCEPT ELECTRICAL)	80	33	9	101	74	16	25	20	17	0	183	
ELECT., MACH. EQUIPMENT & SUPPLIES	22	4	2	21	6	5	5	4	7	0	57	
TRANSPORTATION EQUIPMENT	10	1	0	13	0	0	2	0	0	0	8	
PROFESSIONAL, SCIENTIFIC & CONTROL	1	1	0	2	0	0	0	0	0	0	7	
MISC. MFG. INDUSTRIES	22	3	0	18	10	0	1	5	4	0	41	
AGRICULTURE, FORESTRY, FISHERIES	5	2	0	1	0	3	2	1	1	2	7	
MINING	1	1	0	0	0	2	0	0	0	0	1	
CONSTRUCTION OF HOMES, ROOFS, ETC.	21	11	0	13	9	2	3	9	4	0	60	
PAVING, ROADS, ETC	5	5	3	5	2	12	0	4	0	0	19	
WHOLESALE & RETAIL TRADE	137	34	34	46	31	51	36	9	11	0	300	
FINANCE, INSURANCE & REAL ESTATE	0	0	0	0	0	0	0	1	0	0	9	
TRANSP. COMM. & PUBLIC UTILITIES	51	15	1	10	11	26	13	14	1	3	134	
SERVICES	19	7	5	8	3	7	0	3	2	1	73	
GOV'T, STATE, COUNTY & CITY	250	14	13	58	42	121	22	28	32	19	539	
ALL OTHERS	7	0	0	1	3	3	0	0	0	0	9	



NUMBER OF DISABLING INJURIES BY INDUSTRY AND KIND OF ACCIDENT

INDUSTRY	STRIKING AGAINST OBJECTS	STRUCK BY OBJECTS	CAUGHT IN OR BETWEEN OBJECTS	FALLS ON SAME LEVEL	FALLS TO DIFFERENT LEVELS	SLIPS AND OVER- EXERTION	BURNS	INHALATION, ABSORPTION, OR SWALLOWING FOREIGN SUBSTANCE IN EYE	CONTACT WITH ELECTRIC CURRENT	ALL OTHER	TOTAL	
TOTAL	673	1101	868	374	395	1551	192	66	125	39	590	5954
ORDNANCE & ACCESSORIES	0	0	0	0	0	0	0	0	0	0	0	
FOOD & KINDRED PRODUCTS	202	223	175	97	78	343	37	17	18	6	179	
TEXTILE MILL PRODUCTS	0	0	0	0	0	0	0	0	0	0	0	
APPAREL & OTHER FINISHED PRODS.	2	4	9	0	0	7	0	0	0	0	3	
LUMBER & WOOD PRODUCTS	8	20	17	3	3	15	0	0	2	0	7	
FURNITURE & FIXTURES	3	7	6	1	5	14	0	1	1	0	3	
PAPER & ALLIED PRODUCTS	1	5	9	3	1	8	0	0	0	0	1	
PRINTING, PUBLISHING & ALLIED PRODS.	12	9	14	11	4	31	1	1	2	0	9	
CHEMICALS & ALLIED PRODUCTS	13	20	21	10	15	42	8	0	5	0	9	
PRODUCTS OF PETROLEUM & COAL	1	2	3	0	1	2	0	0	1	0	2	
RUBBER & PLASTIC PRODUCTS	2	3	10	2	1	5	1	0	0	0	1	
LEATHER	0	1	0	1	1	1	0	0	0	0	0	
STONE, CLAY, GLASS PRODUCTS	10	38	33	3	12	37	3	1	2	0	11	
FOUNDRY, PRIMARY METAL PRODS.	23	99	51	10	8	94	35	1	9	1	22	
FABRICATED METAL PRODS.	28	81	75	10	11	91	9	5	9	4	34	
MACHINERY ( EXCEPT ELECTRICAL)	57	119	114	16	15	132	17	7	17	3	57	
ELECT, MACHINERY, EQUIPMENT& SUPP.	14	11	26	9	2	31	5	4	2	1	18	
TRANSPORTATION EQUIPMENT	2	8	11	0	0	11	1	0	0	0	0	
PROFESSIONAL, SCIENTIFIC & CONTROL	2	1	3	2	0	1	0	0	0	0	2	
MISC. MFG. INDUSTRIES	12	19	21	2	4	27	8	1	3	0	6	
AGRICULTURE, FORESTRY, FISHERIES	5	4	5	2	2	1	4	2	0	1	2	
MINING	1	1	3	0	0	0	0	0	0	0	0	
CONSTRUCTION OF HOMES, ROOFS, ETC.	4	23	19	12	38	21	5	0	3	6	9	
PAVING ROADS, ETC.	5	7	12	6	10	10	2	0	0	2	0	
WHOLESALE & RETAIL TRADE	75	117	100	29	55	200	11	8	6	3	67	
FINANCE INSURANCE & REAL STATE	1	0	0	3	2	0	0	1	0	1	2	
TRANSP, COMM. & PUBLIC UTILITIES	14	59	31	22	36	81	9	1	5	8	19	
SERVICES	13	23	9	17	20	31	7	1	3	0	8	
GOV'T, STATE, COUNTY & CITY	141	193	87	78	69	309	29	16	27	3	118	
ALL OTHERS	2	6	5	1	1	6	0	0	1	0	1	



# NUMBER OF DISABLING INJURIES BY INDUSTRY AND NATURE OF INJURY

INDUSTRY	AMPUTATION	ASPHYXIATION	BURNS & SCALDS	CONCUSSION	CUTS, LACERATIONS PUNCTURES, BRUISES	MULTIPLE INJURIES	FRACTURES	HERNIA	INFECTION	SPRAINS, STRAINS & DISLOCATIONS	OCCUPATIONAL DISEASE	OTHERS	TOTAL
TOTAL	104	13	249	26	1913	68	719	169	338	1819	101	435	5954
ORDNANCE & ACCESSORIES	0	0	0	0	0	0	0	0	0	0	0	0	
FOOD & KINDRED PRODUCTS	8	2	47	6	506	6	119	42	116	382	54	87	
TEXTILE MILL PRODUCTS	0	0	0	0	0	0	0	0	0	0	0	0	
APPAREL & OTHER FINISHED PRODS.	0	0	3	0	8	0	2	2	1	7	1	3	
LUMBER & WOOD PRODUCTS	6	0	0	1	23	1	12	2	4	20	0	4	
FURNITURE & FIXTURES	2	0	0	0	11	1	7	1	1	13	0	6	
PAPER & ALLIED PRODUCTS	2	0	0	0	13	0	1	3	1	6	1	2	
PRINTING, PUBLISHING & ALLIED PRODS.	3	0	2	0	30	2	8	3	6	22	0	6	
CHEMICALS & ALLIED PRODUCTS	2	0	10	1	40	0	13	5	14	44	1	10	
PRODUCTS OF PETROLEUM & COAL	0	0	0	0	6	1	3	0	0	1	0	1	
RUBBER & PLASTIC PRODUCTS	3	0	1	0	10	0	3	2	1	5	0	0	
LEATHER	0	0	0	0	1	0	0	1	0	1	0	1	
STONE, CLAY, GLASS PRODUCTS	2	0	4	2	52	1	35	4	4	38	1	7	
FOUNDRY, METAL PRODUCTS	5	0	38	0	105	2	48	18	12	104	1	20	
FABRICATED METAL PRODUCTS	16	1	13	1	117	1	44	13	15	118	6	12	
MACHINERY ( EXCEPT ELECTRICAL)	15	3	24	2	196	2	82	21	27	153	2	31	
ELECT., MACH. EQUIPMENT & SUPPLIES	3	0	5	1	38	2	17	3	11	41	2	10	
TRANSPORTATION EQUIPMENT	3	0	0	0	15	1	3	0	2	10	0	0	
PROFESSIONAL, SCIENTIFIC & CONTROL	0	0	0	0	6	0	1	0	0	4	0	0	
MISC. MFG. INDUSTRIES	4	0	7	0	43	1	7	2	4	31	1	3	
AGRICULTURE, FORESTRY, FISHERIES	0	0	2	0	11	0	4	0	3	2	0	2	
MINING	1	0	0	0	3	1	0	0	0	0	0	0	
CONSTRUCTION OF HOMES, ROOFS, ETC.	1	0	10	0	27	9	34	1	1	33	2	14	
PAVING ROADS, ETC.	0	0	3	0	15	2	19	1	1	0	1	3	
WHOLESALE & RETAIL TRADE	14	2	23	5	214	3	77	25	19	232	10	65	
FINANCE & INS. REALESTATE	0	0	0	0	1	0	4	0	1	4	0	0	
TRANSP. COMM. & PUBLIC UTILITIES	4	3	14	0	53	5	59	5	6	101	3	25	
SERVICES	1	0	9	0	31	5	21	1	9	37	0	14	
GOV'T, STATE, COUNTY, CITY	9	2	37	7	322	20	92	15	81	383	14	106	
ALL OTHERS	0	0	0	0	6	2	3	0	0	7	1	3	



NUMBER OF DISABLING INJURIES BY INDUSTRY AND PART OF BODY INJURED

INDUSTRY	HEAD	EYES	MOUTH & THROAT	ARMS	HANDS & FINGERS	CHEST & THORACIC REGION	ABDOMINAL REGION	BACK & SPINE	LEGS	FEET & TOES	NOT LISTED	TOTAL
TOTAL	250	190	23	592	1329	244	249	1215	889	670	303	5954
ORDNANCE & ACCESSORIES	0	0	0	0	0	0	0	0	0	0	0	
FOOD & KINDRED PRODUCTS	47	26	3	166	390	52	54	224	191	112	110	
TEXTILE MILL PRODUCTS	0	0	0	0	0	0	0	0	0	0	0	
APPAREL & OTHER FINISHED PRODS.	0	2	2	0	11	1	3	4	1	2	0	
LUMBER & WOOD PRODUCTS	1	2	2	10	25	0	2	14	9	6	2	
FURNITURE & FIXTURES	2	1	0	6	8	3	1	9	5	4	3	
PAPER & ALLIED PRODS.	0	0	0	3	9	0	3	5	4	3	2	
PRINTING, PUBLISHING & ALLIED PRODS.	1	3	0	10	19	2	5	26	13	11	1	
CHEMICALS & ALLIED PRODS.	2	7	0	11	27	6	8	32	26	22	5	
PRODUCTS OF PETROLEUM & COAL	0	1	0	0	5	0	0	0	2	1	3	
RUBBER & PLASTIC PRODS.	1	0	0	1	10	2	1	4	5	0	1	
LEATHER	0	0	0	1	0	0	1	0	1	1	0	
STONE, CLAY, GLASS PRODUCTS	4	3	0	11	33	8	8	33	24	20	6	
FOUNDRY, PRIMARY METAL PRODS.	15	10	1	21	57	10	25	77	48	84	5	
FABRICATED METAL PRODUCTS	20	15	0	31	94	13	17	76	31	52	8	
MACHINERY ( EXCEPT ELECTRICAL)	19	20	1	45	153	13	28	113	69	72	15	
ELECT., MACH.EQUIPMENT & SUPPLIES	7	3	2	19	38	3	3	22	18	12	6	
TRANSPORTATION EQUIPMENT	2	0	0	1	13	1	2	6	3	6	0	
PROFESSIONAL, SCIENTIFIC & CONTROL	1	0	0	3	2	1	0	1	2	0	1	
MISC. MFG. INDUSTRIES	4	5	0	7	41	2	2	19	10	9	4	
AGRICULTURE, FORESTRY, FISHERIES	3	1	0	1	4	2	0	4	6	0	3	
MINING	1	0	0	1	0	1	0	0	2	0	0	
CONSTRUCTION OF HOMES, ROOFS, ETC.	3	4	0	13	21	9	2	26	20	19	15	
PAVING ROADS, ETC.	3	2	0	4	3	2	2	8	19	8	4	
WHOLESALE & RETAIL TRADE	21	24	1	63	152	29	32	154	92	82	39	
FINANCE, INSURANCE & REAL ESTATE	0	0	1	1	2	0	0	1	5	1	0	
TRANSP., COMM. & PUBLIC UTILITIES	19	7	0	23	20	17	11	73	60	36	12	
SERVICES	7	5	1	16	21	4	2	26	25	13	8	
GOV'T, STATE, COUNTY, CITY	65	48	10	114	165	61	35	254	196	92	48	
ALL OTHERS	2	1	0	0	7	1	2	4	2	2	2	



NUMBER OF DISABLING INJURIES BY INDUSTRY BY EXTENT OF INJURY AND SEX

INDUSTRY	PERMANENT				TOTAL	MALE	FEMALE
	FATAL	TOTAL	PARTIAL	TEMPORARY			
TOTAL	60	0	91	5803	5954	5184	770
ORDNANCE & ACCESSORIES	0	0	0	0		0	0
FOOD & KINDRED PRODUCTS	2	0	7	1366	1228	147	
TEXTILE MILL PRODUCTS	0	0	0	0		0	0
APPAREL & OTHER FINISHED PRODS.	0	0	0	26	12	14	
LUMBER & WOOD PRODUCTS	0	0	3	70	70	3	
FURNITURE & FIXTURES	1	0	1	40	36	6	
PAPER & ALLIED PRODUCTS	1	0	1	27	22	7	
PRINTING, PUBLISHING & ALLIED PRODUCTS	0	0	2	89	79	12	
CHEMICALS & ALLIED PRODUCTS	1	0	2	143	137	9	
PRODUCTS OF PETROLEUM & COAL	0	0	0	12	12	0	
RUBBER & PLASTIC PRODUCTS	0	0	0	25	22	3	
LEATHER	0	0	0	4	4	0	
STONE, CLAY, GLASS PRODUCTS	4	0	4	142	149	1	
FOUNDRY, PRIMARY METAL PRODS.	0	0	6	347	347	6	
FABRICATED METAL PRODS.	2	0	12	343	330	27	
MACHINERY ( EXCEPT ELECTRICAL)	3	0	15	540	530	28	
ELECT. MACH.EQUIPMENT & SUPPLIES	1	0	2	130	77	56	
TRANSPORTATION EQUIPMENT	0	0	1	33	33	1	
PROFESSIONAL, SCIENTIFIC & CONTROL	0	0	0	11	3	8	
MISC. MFG. INDUSTRIES	1	0	2	100	66	37	
AGRICULTURE, FORESTRY, FISHERIES	0	0	0	24	18	6	
MINING	1	0	1	3	5	0	
CONSTRUCTION OF HOMES, ROOFS, ETC.	12	0	1	119	131	1	
PAVING, ROADS, ETC.	4	0	0	51	55	0	
WHOLESALE & RETAIL TRADE	2	0	15	672	604	85	
FINANCE, INSURANCE & REAL ESTATE	0	0	0	10	8	2	
TRANSP., COMM. & PUBLIC UTILITIES	12	0	6	260	271	7	
SERVICES	0	0	1	127	75	53	
GOV'T, STATE, COUNTY, CITY	12	0	9	1067	839	249	
ALL OTHERS	1	0	0	22	21	2	



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## NUMBER OF DISABLING INJURIES BY INDUSTRY AND MONTH

INDUSTRY	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
TOTAL	509	472	513	448	493	547	540	625	513	522	417	355	5954
ORDNANCE & ACCESSORIES	0	0	0	0	0	0	0	0	0	0	0	0	
FOOD & KINDRED PRODUCTS	114	108	99	89	110	140	128	107	123	130	130	97	
TEXTILE MILL PRODUCTS	0	0	0	0	0	0	0	0	0	0	0	0	
APPAREL & OTHER FINISHED PRODUCTS	1	4	5	3	3	3	1	2	2	1	1	0	
LUMBER & WOOD PRODUCTS	4	2	6	6	8	9	4	8	8	6	10	2	
FURNITURE & FIXTURES	4	4	2	3	7	0	1	7	8	2	3	1	
PAPER & ALLIED PRODUCTS	0	5	1	1	2	1	2	5	1	5	5	1	
PRINTING, PUBLISHING & ALLIED PRODUCTS	5	5	10	11	8	7	13	13	7	7	4	1	
CHEMICALS & ALLIED PRODUCTS	8	11	10	9	8	13	13	12	15	28	6	13	
PRODUCTS OF PETROLEUM & COAL	1	1	0	1	0	5	0	2	1	0	0	1	
RUBBER & PLASTIC PRODUCTS	1	1	0	1	1	4	2	4	1	2	2	6	
LEATHER	2	0	0	0	0	0	1	0	0	1	0	0	
STONE, CLAY, GLASS PRODUCTS	11	9	13	15	14	7	20	17	14	9	13	8	
FOUNDRY, PRIMARY METAL PRODUCTS	31	20	25	28	25	34	25	33	32	48	27	25	
FABRICATED METAL PRODUCTS	16	19	20	18	14	21	20	84	16	63	23	43	
MACHINERY( EXCEPT ELECTRICAL)	71	56	76	60	71	72	60	14	48	0	25	5	
ELECT., MACHINERY EQUIPMENT & SUPPLIES	20	14	17	6	13	10	7	12	8	7	12	7	
TRANSPORTATION EQUIPMENT	1	2	2	1	4	5	3	3	3	0	8	2	
PROFESSIONAL, SCIENTIFIC & CONTROL	1	0	0	0	0	0	0	9	1	0	0	0	
MISC. MFG. INDUSTRIES	8	4	6	8	16	5	8	17	12	4	10	5	
AGRICULTURE, FORESTRY, FISHERIES	2	3	1	2	0	1	6	3	2	2	2	0	
MINING	1	1	0	2	0	0	0	1	0	0	0	0	
CONSTRUCTION OF HOMES & ROOFS, ETC.	9	5	10	8	9	11	16	25	15	13	5	6	
PAVING ROADS, ETC.	0	4	4	10	8	10	5	4	5	2	3	0	
WHOLESALE & RETAIL TRADE	59	64	59	47	60	52	54	98	50	73	40	33	
FINANCE, INSURANCE & REAL ESTATE	1	2	1	1	0	2	0	1	2	0	0	0	
TRANSP., COMM. & PUBLIC UTILITIES	20	17	30	26	14	26	24	32	30	27	14	18	
SERVICES	19	12	12	8	9	10	12	9	10	10	10	7	
GOV'T, STATE, COUNTY, CITY	99	99	104	84	88	99	115	98	99	70	64	69	
ALL OTHERS	0	0	0	0	1	0	0	5	0	12	0	5	



NUMBER OF DISABLING INJURIES BY INDUSTRY AND AGE

INDUSTRY	17 & Under	18 & 19	20 thru 29	30 thru 39	40 thru 49	50 thru 59	60 & over	Not Listed	TOTAL
TOTAL	42	223	1340	1295	1305	1006	455	288	5954
ORDNANCE & ACCESSORIES	0	0	0	0	0	0	0	0	
FOOD & KINDRED PRODUCTS	14	47	349	360	304	200	65	36	
TEXTILE MILL PRODUCTS	0	0	0	0	0	0	0	0	
APPAREL & OTHER FINISHED PRODS.	1	3	4	4	7	3	3	1	
LUMBER & WOOD PRODUCTS	1	2	17	18	16	13	9	2	
FURNITURE & FIXTURES	0	1	9	7	9	11	4	1	
PAPER & ALLIED PRODUCTS	0	1	11	4	8	5	0	0	
PRINTING, PUBLISHING & ALLIED PRODS.	1	6	25	20	20	12	6	1	
CHEMICAL & ALLIED PRODUCTS	0	8	36	28	32	26	7	9	
PETROLEUM & COAL	0	1	3	1	4	1	0	2	
RUBBER & PLASTICS	0	1	1	7	8	4	3	1	
LEATHER	0	1	2	1	0	0	0	0	
STONE, CLAY, GLASS PRODUCTS	0	9	30	27	31	22	19	12	
FOUNDRY, PRIMARY METAL PRODS.	1	7	70	71	58	45	12	89	
FABRICATED METAL PRODUCTS	1	17	96	76	80	55	20	12	
MACHINERY ( EXCEPT ELECTRICAL)	1	17	120	124	150	90	36	20	
ELECT., MACHINERY EQUIPMENT & SUPPLIES	0	4	43	33	26	16	9	2	
TRANSPORTATION EQUIPMENT	0	1	6	5	10	7	4	1	
PROFESSIONAL, SCIENTIFIC & CONTROL	0	0	3	1	4	1	1	1	
MISC. MFG. INDUSTRIES	0	5	30	24	18	13	7	6	
AGRICULTURE, FORESTRY, FISHERIES	4	2	6	3	4	2	3	0	
MINING	0	0	1	1	2	0	1	0	
CONSTRUCTION OF HOMES, ROOFS, ETC.	2	8	38	25	22	21	10	6	
PAVING, ROADS, ETC.	0	0	14	9	13	11	3	5	
WHOLESALE & RETAIL	8	37	155	147	138	117	49	38	
FINANCE, INSURANCE & REAL ESTATE	0	2	3	2	0	1	1	1	
TRANSP., COMM. & PUBLIC UTILITIES	1	6	33	89	61	53	28	7	
SERVICES	3	7	30	13	32	19	17	9	
GOV'T, STATE, COUNTY, CITY	4	30	198	195	246	253	136	26	
ALL OTHERS	0	0	7	5	4	5	2	0	



# NUMBER OF INDUSTRIAL INJURIES BY COUNTY

1961

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ADAIR	8	DAVIS	3	JEFFERSON	56	POCAHONTAS	10
ADAMS	5	DECATUR	4	JOHNSON	142	POLK	983
ALLAMAKEE	23	DELAWARE	20	JONES	20	POTTAWATTAMIE	96
APPANOOSE	24	DES MOINES	109	KEOKUK	39	POWESHIEK	24
AUDUBON	8	DICKINSON	39	KOSSUTH	11	RINGGOLD	3
BENTON	32	DUBUQUE	411	LEE	161	SAC	11
BLACKHAWK	491	EMMET	16	LINN	458	SCOTT	294
BOONE	49	FAYETTE	41	LOUISA	2	SHELBY	9
BREMER	18	FLOYD	16	LUCAS	16	SIOUX	9
BUCHANAN	47	FRANKLIN	19	LYON	4	STORY	150
BUENA VISTA	25	FREMONT	7	MADISON	6	TAMA	17
BUTLER	8	GREENE	14	MAHASKA	49	TAYLOR	5
CALHOUN	7	GRUNDY	8	MARION	12	UNION	10
CARROLL	39	GUTHRIE	8	MARSHALL	165	VAN BUREN	9
CASS	19	HAMILTON	43	MILLS	111	WAPELLO	205
CEDAR	7	HANCOCK	18	MITCHELL	5	WARREN	12
CERRO GORDO	95	HARDIN	32	MONONA	4	WASHINGTON	15
CHEROKEE	40	HARRISON	7	MONROE	10	WAYNE	1
CHICKASAW	13	HENRY	22	MONTGOMERY	11	WEBSTER	75
CLARKE	6	HOWARD	8	MUSCATINE	73	WINNEBAGO	13
CLAY	12	HUMBOLDT	7	O'BRIEN	13	WINNESHIEK	32
CLAYTON	7	IDA	4	OSCEOLA	13	WOODBURY	349
CLINTON	98	IOWA	35	PAGE	55	WORTH	4
CRAWFORD	37	JACKSON	52	PALO ALTO	5	WRIGHT	13
DALLAS	13	JASPER	69	PLYMOUTH	9		



NUMBER OF DISABLING INJURIES BY INDUSTRY AND AGENCY

INDUSTRY	Hand tools	Elevators, Hoisting, & Conveying Machines.	Engines & Motors, Power Trans. Mach.	Power Driven Machinery	Other Machinery	Motor Vehicles	Other Vehicles	Electricity, Heat & Explosives	Harmful Substances	Animals	Others	Total
TOTAL	1525	361	44	477	79	260	220	89	96	40	1432	4623
ORDNANCE & ACCESSORIES	0	0	0	0	0	0	0	0	0	0	0	0
FOOD & KINDRED PRODUCTS	481	59	7	62	13	56	68	16	18	33	330	
TEXTILE MILL PRODUCTS	5	1	0	3	2	1	0	0	0	1	9	
APPAREL & OTHER FINISHED PRODS.	7	0	0	2	0	0	1	0	0	0	3	
LUMBER & WOOD PRODUCTS	30	3	2	22	1	4	10	0	0	0	18	
FURNITURE & FIXTURES	14	2	1	5	0	1	1	0	0	1	7	
PAPER & ALLIED PRODUCTS	7	8	1	8	0	1	1	0	0	0	6	
PRINTING, PUBLISHING, & ALLIED PRODS.	17	11	0	8	2	0	0	2	0	0	21	
CHEMICALS & ALLIED PRODS.	18	6	0	9	0	1	4	1	9	0	28	
PRODUCTS OF PETROLEUM & COAL	0	0	0	0	0	2	1	0	0	0	1	
RUBBER & PLASTICS	8	7	0	6	0	0	2	1	0	0	6	
LEATHER	1	0	0	4	0	0	1	0	0	0	2	
STONE, CLAY, GLASS PRODUCTS	56	13	2	8	3	7	9	1	6	0	48	
FOUNDRY, PRIMARY METAL INDUSTRIES	88	60	6	54	10	6	17	10	20	1	133	
FABRICATED METAL PRODUCTS	71	31	3	64	15	4	7	10	6	0	98	
MACHINERY ( EXCEPT ELECTRICAL )	104	62	7	76	11	6	25	7	7	0	72	
ELECT. MACHINERY EQUIPMENT & SUPPLIES	23	4	0	22	1	2	3	4	5	0	42	
TRANSPORTATION EQUIPMENT	15	7	1	15	0	2	2	0	0	0	12	
PROFESSIONAL, SCIENTIFIC & CONTROL	3	1	0	1	0	0	2	0	1	0	7	
MISC. MFG. INDUSTRIES	26	3	1	24	1	1	0	4	2	0	11	
AGRICULTURE, FORESTRY, FISHERIES	7	5	0	2	1	3	1	0	0	0	7	
MINING	0	1	1	1	0	1	2	1	0	0	3	
CONSTRUCTION OF HOMES, ROOFS, ETC.	31	15	1	9	2	6	3	4	1	0	23	
PAVING ROADS, ETC.	8	5	0	4	1	3	3	1	0	0	7	
WHOLESALE & RETAIL TRADE	171	29	4	25	3	37	20	7	7	1	183	
FINANCE, INSURANCE & REAL ESTATE	1	0	0	0	0	0	0	0	0	0	0	
TRANSP., COM. & PUBLIC UTILITIES	76	12	5	4	4	18	11	11	1	0	73	
SERVICES	41	1	1	3	2	10	1	2	1	0	36	
GOV'T, STATE, COUNTY, CITY	223	14	1	33	7	86	20	9	10	3	245	
ALL OTHERS	3	1	0	1	0	2	3	0	1	0	5	



NUMBER OF DISABLING INJURIES BY INDUSTRY AND KIND OF ACCIDENT

INDUSTRY	Striking against Objects	Struck by Objects	Caught in, or Between Objects	Falls, on same Level	Falls to different Levels	Slips & over- exertion	Burns	Inhalation, Absorption, or Swallowing Foreign Substance in eye	Contact with Electric current	All Others	Total	
TOTAL	479	997	695	356	251	1331	171	13	111	23	196	4623
ORDNANCE & ACCESSORIES	0	0	0	0	0	0	0	0	0	0	0	
FOOD & KINDRED PRODUCTS	169	238	144	106	51	312	38	2	7	6	61	
TEXTILE MILL PRODUCTS	2	4	4	1	0	2	0	0	0	0	1	
APPAREL & OTHER FINISHED PRODS.	3	3	1	2	0	2	0	0	2	0	0	
LUMBER & WOOD PRODUCTS	8	27	17	5	3	29	0	0	2	0	1	
FURNITURE & FIXTURES	1	8	6	2	0	12	0	0	0	0	2	
PAPER & ALLIED PRODUCTS	4	6	11	1	1	8	0	0	1	0	0	
PRINTING, PUBLISHING, & ALLIED PRODS	6	11	13	8	1	22	0	0	0	0	0	
CHEMICALS & ALLIED PRODS.	11	5	14	3	5	24	8	0	2	0	4	
PRODUCTS OF PETROLEUM & COAL	1	3	0	0	0	0	0	0	0	0	1	
RUBBER & PLASTIC PRODS.	1	7	7	1	0	9	3	0	0	0	3	
LEATHER	1	3	3	0	0	1	0	0	0	0	0	
STONE, CLAY, GLASS PRODUCTS.	9	34	22	5	13	54	3	2	5	1	5	
FOUNDRY, PRIMARY METAL PRODS.	21	115	59	12	10	110	31	2	22	0	17	
FABRICATED METAL PRODS.	23	83	61	10	13	82	15	0	11	2	9	
MACHINERY ( EXCEPT ELECTRICAL)	31	84	93	18	7	104	14	0	12	0	16	
ELECT. MACHINERY, EQUIPMENT & SUPPLIES	13	16	23	8	4	27	3	0	1	3	6	
TRANSPORTATION EQUIPMENT	4	16	14	4	4	9	1	0	0	0	1	
PROFESSIONAL, SCIENTIFIC & CONTROL	1	4	1	3	0	4	0	0	1	0	1	
MISC. MFG. INDUSTRIES	4	8	20	4	2	12	1	0	5	2	5	
AGRICULTURE, FORESTRY , FISHERIES	3	2	7	0	3	8	0	1	0	0	2	
MINING	0	5	0	0	2	1	1	1	0	0	0	
CONSTRUCTION OF HOMES, ROOFS, ETC.	8	28	11	5	19	11	4	1	3	2	3	
PAVING, ROADS, ETC.	6	9	5	0	4	7	1	0	0	0	0	
WHOLESALE & RETAIL	53	92	61	49	39	152	18	1	10	1	11	
FINANCE, INSURANCE & REAL ESTATE	0	0	0	0	0	1	0	0	0	0	0	
TRANSP, COMM. & PUBLIC UTILITIES	16	42	17	24	20	78	9	0	3	4	2	
SERVICES	13	9	7	12	6	39	6	0	3	0	3	
GOV'T, STATE, COUNTY, CITY	60	130	72	71	45	204	15	2	21	2	30	
ALL OTHERS	0	5	2	2	0	5	0	1	0	0	1	



# NUMBER OF DISABLING INJURIES AND NATURE OF INJURY

INDUSTRY	Amputation	Asphyxiation	Burns & Scalds	Concussion	Cuts, Lacerations Punctures, Bruises	Multiple Injuries	Fractures	Hernia	Infection	Sprains, Strains & Dislocations	Occupational Disease	Others	Total
TOTAL	128	9	219	25	1388	74	575	113	245	1660	50	137	4623
ORDNANCE & ACCESSORIES	0	0	0	0	0	0	0	0	0	0	0	0	
FOOD & KINDRED PRODUCTS	28	2	47	3	397	8	96	31	52	413	33	33	
TEXTILE MILL PRODUCTS	0	0	0	0	9	0	1	0	1	2	0	1	
APPAREL & OTHER PRODS.	0	0	0	0	5	0	1	0	3	4	0	0	
LUMBER & WOOD PRODUCTS	3	0	0	0	38	2	6	7	5	24	0	7	
FURNITURE & FIXTURES	0	0	0	0	12	0	2	0	1	13	1	2	
PAPER & ALLIED PRODS,	3	0	0	0	12	0	6	1	0	11	0	1	
PRINTING, PUBLISHING & ALLIED PRODS	2	0	0	1	19	0	7	4	3	22	0	3	
CHEMICAL & ALLIED PRODUCTS	1	0	7	0	25	4	8	2	4	22	1	2	
PETROLEUM & COAL	0	0	0	0	3	1	0	0	0	1	0	0	
RUBBER & PLASTIC PRODS.	4	0	3	0	7	0	2	3	2	9	1	0	
LEATHER	1	0	0	0	4	0	2	0	0	1	0	0	
STONE, CLAY, GLASS PRODS.	3	2	5	4	42	5	16	4	6	62	0	4	
FOUNDRY, PRIMARY METAL PRODS	12	0	38	1	124	4	51	8	23	126	4	14	
FABRICATED METAL PRODUCTS	14	0	17	2	92	1	53	4	15	105	0	6	
MACHINERY ( EXCEPT ELECTRICAL)	20	0	19	1	113	2	60	10	22	125	1	6	
ELECT. MACH. EQUIPMENT & SUPPLIES	5	0	7	0	32	1	9	3	6	38	0	5	
TRANSPORTATION EQUIPMENT	5	0	1	0	15	0	9	2	2	14	0	1	
PROFESSIONAL, SCIENTIFIC & CONTROL	0	0	0	0	5	0	3	2	1	2	2	0	
MISC. MFG. INDUSTRIES	4	0	3	0	16	3	9	0	7	17	0	4	
AGRICULTURE, FORESTRY, FISHERIES	2	0	0	0	9	0	5	1	0	9	1	0	
MINING	0	1	1	0	4	1	0	0	1	2	0	0	
CONSTRUCTION OF HOMES, ROOFS, ETC.	4	1	5	1	25	2	22	1	3	23	1	7	
PAVING ROADS, ETC.	0	1	1	0	12	0	8	1	1	8	0	1	
WHOLESALE & RETAIL	9	1	20	8	118	10	67	11	29	194	2	18	
FINANCE, INS. & REALESTATE	0	0	0	0	0	0	0	0	0	1	0	0	
TRANSP. COMM. & PUBLIC UTILITIES	3	0	13	0	44	10	43	6	6	87	0	3	
SERVICES	0	0	8	0	20	2	10	1	8	48	0	1	
GOV'T, STATE, COUNTY, CITY	5	1	24	4	182	18	71	10	44	272	3	10	
ALL OTHERS	0	1	0	0	4	0	4	0	0	6	0	1	



# NUMBER OF DISABLING INJURIES BY INDUSTRY AND PART OF BODY INJURED

INDUSTRY	Head	Eyes	Mouth & Throat	Arms	Hands	Chest, Thoracic Region	Abdominal Region	Back & Spine	Legs	Feet & Toes	Not listed	Total
TOTAL	196	147	17	430	1036	191	217	968	594	648	179	4623
ORDNANCE & ACCESSORIES	0	0	0	0	0	0	0	0	0	0	0	
FOOD & KINDRED	38	15	4	127	316	50	51	203	148	136	55	
TEXTILE MILL PRODUCTS	1	0	0	1	7	1	0	1	1	2	1	
APPAREL & OTHER FINISHED PRODS.	0	0	2	0	3	0	0	3	1	3	1	
LUMBER & WOOD PRODUCTS	3	4	0	6	24	0	12	14	14	10	5	
FURNITURE & FIXTURES	1	0	0	6	11	0	1	8	1	2	1	
PAPER & ALLIED PRODUCTS	0	1	1	3	9	1	2	6	4	5	0	
PRINTING, PUBLISHING & ALLIED PRODS.	1	0	0	5	15	2	8	14	11	5	0	
CHEMICALS & ALLIED PRODUCTS	6	3	0	8	20	3	2	18	6	5	5	
PETROLEUM & COAL PRODUCTS	1	1	0	0	2	0	0	0	1	0	0	
RUBBER & PLASTICS	1	1	0	0	8	4	5	6	5	1	0	
LEATHER	1	0	1	0	3	0	0	1	0	2	0	
STONE, CLAY, GLASS PRODUCTS	6	5	1	17	18	10	9	31	29	22	5	
FOUNDRY, PRIMARY METAL INDUSTRIES	17	24	1	21	77	6	15	88	49	95	12	
FABRICATED METAL PRODUCTS	8	13	1	23	85	15	12	70	26	53	2	
MACHINERY ( EXCEPT ELECTRICAL)	10	12	0	26	99	8	26	83	39	73	3	
ELECT. MACHINERY EQUIPMENT & SUPPLIES	4	2	1	12	35	1	7	18	13	10	3	
TRANSPORTATION EQUIPMENT	1	2	0	7	17	0	4	10	5	7	1	
PROFESSIONAL , SCIENTIFIS & CONTROL	0	1	0	0	3	1	2	1	3	3	1	
MISC. MFG. INDUSTRIES	3	3	3	2	32	1	0	4	6	3	6	
AGRICULTURE, FORESTRY, FISHERIES	1	0	0	2	8	1	2	7	5	1	0	
MINING	1	0	0	1	1	0	1	1	4	0	1	
CONSTRUCTION OF HOMES, ROOFS, ETC.	12	3	1	9	18	6	2	12	7	12	11	
PAVING ROADS, ETC.	2	0	1	5	3	3	1	4	8	7	1	
WHOLESALE & RETAIL TRADE	27	14	2	54	82	20	22	114	72	62	17	
FINANCE, INSURANCE & REAL ESTATE	0	0	0	0	0	0	0	1	0	0	0	
TRANSP. COMM. & PUBLIC UTILITIES	11	5	1	21	22	14	8	63	35	25	8	
SERVICES	3	3	0	9	14	6	4	30	12	13	4	
GOV'T, STATE, COUNTY, CITY	36	31	2	63	98	34	21	151	92	88	36	
ALL OTHERS	1	0	0	0	5	1	0	5	0	3	1	



NUMBER OF DISABLING INJURIES BY EXTENT OF INJURY AND SEX

INDUSTRY

	FATAL	PERMANENT TOTAL	PERMANENT PARTIAL	TEMPORARY	TOTAL	MALE	FEMALE
TOTAL	42	0	122	4468	4632	4079	553
ORDNANCE & ACCESSORIES	0	0	0	0	0	0	0
FOOD & KINDRED PRODS.	3	0	25	1115		1041	102
TEXTILE MILL PRODUCTS	0	0	0	14		2	12
APPAREL & OTHER FINISHED PRODS.	0	0	0	13		7	6
LUMBER & WOOD PRODUCTS	0	0	3	89		87	5
FURNITURE & FIXTURES	0	0	0	31		26	5
PAPER & ALLIED PRODUCTS	0	0	2	30		28	4
PRINTING, PUBLISHING & ALLIED PRODS.	1	0	2	59		44	17
CHEMICALS & ALLIED PRODUCTS	0	0	2	74		72	4
PETROLEUM & COAL	0	0	0	5		5	0
RUBBER & PLASTICS	0	0	4	27		24	7
LEATHER	0	0	1	7		4	4
STONE, CLAY, GLASS PRODUCTS	6	0	3	148		145	10
FOUNDRY, PRIMARY METAL INDUSTRIES	1	0	11	393		397	8
FABRICATED METAL PRODUCTS	1	0	11	298		283	26
MACHINERY(EXCEPT ELECTRICAL)	1	0	20	359		368	7
ELECTRIC. MACH,EQUIPMENT & SUPP.	1	0	5	100		68	38
TRANSPORTATION EQUIPMENT	0	0	5	49		50	4
PROFESSIONAL, SCIENTIFIC & CONTROL	0	0	0	15		8	7
MISC. MFG. INDUSTRIES	1	0	4	58		37	26
AGRICULTURE, FORESTRY, FISHERIES	0	0	2	25		21	6
MINING	0	0	0	10		10	0
CONSTRUCTION OF HOMES, ROOFS, ETC.	8	0	4	85		97	0
PAVING ROADS, ETC.	1	0	0	31		32	0
WHOLESALE & RETAIL TRADE	5	0	9	474		413	75
FINANCE, INS. & REAL ESTATE	0	0	0	1		0	1
TRANSP, COMM. & PUBLIC UTILITIES	2	0	4	209		207	8
SERVICES	3	0	0	95		55	43
GOV'T, STATE, COUNTY, CITY	7	0	5	641		530	123
ALL OTHER	1	0	0	16		13	4



1962

## NUMBER OF DISABLING INJURIES BY INDUSTRY AND MONTH

	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
TOTAL	485	399	399	392	367	402	425	416	366	380	320	272	4623
ORDNANCE & ACCESSORIES	0	0	0	0	0	0	0	0	0	0	0	0	
FOOD & KINDRED PRODUCTS	135	89	102	96	76	86	100	102	86	99	89	83	
TEXTILE MILL PRODUCTS	7	1	0	0	0	1	3	0	0	1	1	0	
APPAREL & OTHER FINISHED PRODS.	1	2	1	0	1	1	0	0	3	2	1	1	
LUMBER & WOOD PRODUCTS	11	6	9	6	7	10	9	9	8	7	1	9	
FURNITURE & FIXTURES	1	3	0	3	5	2	2	1	5	4	1	4	
PAPER & ALLIED PRODS.	3	2	7	1	0	2	3	6	4	1	1	2	
PRINTING, PUBLISHING & ALLIED PRODS.	8	5	6	3	3	3	4	10	7	6	4	2	
CHEMICALS & ALLIED PRODS.	7	7	4	6	11	6	7	10	3	4	5	6	
PETROLEUM & COAL	2	0	0	1	1	0	1	0	0	0	0	0	
RUBBER & PLASTIC PRODS.	6	0	6	3	0	3	1	1	3	4	4	0	
LEATHER	0	1	0	1	0	1	1	4	0	0	0	0	
STONE, CLAY, GLASS PRODS.	16	8	11	8	15	11	15	13	16	18	10	12	
FOUNDRY, PRIMARY METAL INDUSTRIES	14	29	34	60	35	37	52	29	25	28	42	20	
FABRICATED METAL PRODS.	64	18	18	36	16	26	36	25	10	16	26	18	
MACHINERY (EXCEPT ELECTRICAL)	24	53	54	14	32	35	4	47	35	39	15	27	
ELECT. MACH. EQUIPMENT & SUPPLIES	10	7	10	2	12	14	9	7	11	7	7	10	
TRANSPORTATION EQUIPMENT	2	5	9	2	3	3	4	0	9	9	6	2	
PROFESSIONAL, SCIENTIFIC & CONTROL	0	2	0	9	0	0	0	2	0	0	0	2	
MISC. MFG. INDUSTRIES	3	7	6	5	5	8	5	6	7	6	2	3	
AGRICULTURE, FORESTRY, FISHERIES	6	5	5	0	0	1	2	1	3	0	4	0	
MINING	3	1	0	0	0	1	5	0	0	0	0	0	
CONSTRUCTION OF HOMES, ROOFS, ETC.	1	4	3	7	6	12	18	9	9	8	15	3	
PAVING ROADS, ETC.	0	0	1	0	3	8	0	4	4	6	3	3	
WHOLESALE & RETAIL TRADE	46	45	38	34	41	33	58	51	42	48	25	26	
FINANCE, INSURANCE & REAL ESTATE	0	1	0	0	0	0	0	0	0	0	0	0	
TRANSP. COMM. & PUBLIC UTILITIES	16	25	11	19	15	24	26	19	15	18	15	12	
SERVICES	11	14	13	10	7	4	6	11	5	7	6	4	
GOV'T, STATE, COUNTY, CITY	81	59	50	66	66	70	52	50	57	42	36	23	
ALL OTHER	7	0	1	0	7	0	0	0	0	0	1	0	



NUMBER OF DISABLING INJURIES BY INDUSTRY AND AGE

INDUSTRY	17 & under	18 & 19	20 thru 29	30 thru 39	40 thru 49	50 thru 59	60 & over	Not Listed	Total
TOTAL	21	180	1083	1055	975	795	332	182	4623
ORDNANCE & ACCESSORIES	0	0	0	0	0	0	0	0	
FOOD & KINDRED PRODUCTS	4	46	289	297	237	185	67	18	
TEXTILE MILL PRODUCTS	0	0	2	1	6	3	2	0	
APPAREL & OTHER FINISHED PRODS.	0	0	2	4	3	3	1	0	
LUMBER & WOOD PRODUCTS	0	8	18	13	18	19	12	4	
FURNITURE & FIXTURES	0	2	10	6	6	3	3	1	
PAPER & ALLIED PRODUCTS	0	4	8	10	5	4	1	0	
PRINTING, PUBLISHING & ALLIED PRODS.	0	4	20	13	10	9	5	0	
CHEMICALS & ALLIED PRODS.	0	2	20	18	14	8	0	14	
PETROLEUM & COAL	0	0	1	0	3	1	0	0	
RUBBER & PLASTIC PRODS.	0	0	8	9	11	2	1	0	
LEATHER	0	0	3	2	1	0	2	0	
STONE, CLAY, GLASS PRODUCTS	1	5	46	42	20	25	4	10	
FOUNDRY, PRIMARY METAL INDUSTRIES	1	15	111	91	91	49	22	24	
FABRICATED METAL PRODUCTS	0	20	86	69	63	31	20	20	
MACHINERY ( EXCEPT ELECTRICAL)	1	11	82	85	95	64	28	13	
ELECT. MACH EQUIPMENT & SUPPLIES	0	5	39	33	14	10	3	2	
TRANSPORTATION EQUIPMENT	0	2	15	14	10	8	5	0	
PROFESSIONAL, SCIENTIFIC & CONTROL	0	0	1	5	2	2	3	2	
MISC. MFG. INDUSTRIES	0	5	20	8	13	11	4	2	
AGRICULTURE, FORESTRY, FISHERIES	1	1	6	8	7	3	1	0	
MINING	0	0	3	0	4	2	1	0	
CONSTRUCTION OF HOMES, ROOFS, ETC.	0	3	28	19	20	13	5	7	
PAVING ROADS, ETC.	0	1	9	4	6	4	3	5	
WHOLESALE & RETAIL TRADE	8	17	107	105	97	94	32	27	
FINANCE, INSURANCE & REAL ESTATE	0	1	0	0	0	0	0	0	
TRANSP. COMM. & PUBLIC UTILITIES	0	4	32	66	45	47	16	4	
SERVICES	2	4	11	28	19	25	10	9	
GOV'T, STATE, COUNTY, CITY	2	17	102	110	152	166	83	20	
ALL OTHERS	1	1	4	3	4	2	0	1	



1962

NUMBER OF INDUSTRIAL INJURIES BY COUNTY

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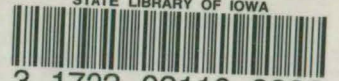
ADAIR	7	DAVIS	2	JEFFERSON	48	POCAHONTAS	10
ADAMS	3	DECATUR	2	JOHNSON	74	POLK	732
ALLAMAKEE	12	DELAWARE	12	JONES	13	POTTAWATTAMIE	64
APPANOOSE	19	DES MOINES	90	KEOKUK	17	POWESHIEK	11
AUDUBON	5	DICKINSON	15	KOSSUTH	8	RINGGOLD	3
BENTON	9	DUBUQUE	367	LEE	193	SAC	13
BLACKHAWK	386	EMMET	23	LINN	416	SCOTT	252
BOONE	23	FAYETTE	28	LOUISA	4	SHELBY	3
BREMER	17	FLOYD	25	LUCAS	10	SIOUX	9
BUCHANAN	44	FRANKLIN	8	LYON	0	STORY	84
BUENA VISTA	25	FREMONT	4	MADISON	6	TAMA	15
BUTLER	15	GREENE	6	MAHASKA	23	TAYLOR	6
CALHOUN	4	GRUNDY	6	MARION	19	UNION	8
CARROLL	15	GUTHRIE	2	MARSHALL	120	VAN BUREN	6
CASS	10	HAMILTON	61	MILLS	16	WAPELLO	200
CEDAR	9	HANCOCK	7	MITCHELL	1	WARREN	4
CERRO GORDO	78	HARDIN	30	MONONA	2	WASHINGTON	15
CHEROKEE	34	HARRISON	5	MONROE	13	WAYNE	3
CHICKASAW	5	HENRY	20	MONTGOMERY	6	WEBSTER	71
CLARKE	4	HOWARD	2	MUSCATINE	93	WINNEBAGO	11
CLAY	8	HUMBOLDT	11	O'BRIEN	6	WINNESHIEK	20
CLAYTON	8	IDA	5	OSCEOLA	11	WOODBURY	229
CLINTON	77	IOWA	27	PAGE	28	WORTH	2
CRAWFORD	40	JACKSON	39	PALO ALTO	9	WRIGHT	10
DALLAS	23	JASPER	49	PLYMOUTH	10		

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TOTAL  
4623



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