

CONDENSED MILK LIST

Name of factory	Location	Name of Proprietor	Address of Proprietor	Name of Cheesemaker	Address of Cheesemaker
Allamakee County— Forest Milk Cheese Factory.....c	Postville	F. I. Clark, Secretary.....	Postville	E. E. Austin.....	Postville
Emery Cheese Factory.....c	Dorchester	T. J. Fitzgerald, Mgr.....	Dorchester	Otto Stomhart.....	Dorchester
Volney Farmers Cheese Factory.....s	Monona, R2	Mrs. Dell Rose, Sec.....	Monona, R2	R. Gerber.....	Monona, R2
Humboldt County— Pioneer Cheese Factory.....i	Renwick	W. F. Keller, Prop.....	Renwick	W. F. Keller.....	Renwick
Storey County— Nevada Cheese, Ice Cream, Butter Co.....p	Nevada	A. Contri & C. H. Chase.....	Nevada	S. Palmieri.....	Nevada

*Closed temporarily. i Individual.

CHEESE FACTORY LIST

Name of factory	Location	Name of Proprietor	Address of Proprietor
Carnation Milk Products Company.....	Waverly	Paul R. McIfee, Secretary.....	220 S. State Street, Chicago, Ill.
Perry Milk Products Company.....	Perry	H. M. Pattee, President.....	Perry, Iowa

STATE OF IOWA
1922REPORT OF THE
State Mine InspectorsFOR THE
Biennial Period Ending December 31, 1921

INSPECTORS

W. E. HOLLAND, Albia, Iowa
R. T. RHYS, Ottumwa, Iowa
EDWARD SWEENEY, Des Moines, Iowa
L. E. STAMM, Secretary, Des Moines, IowaPublished by
THE STATE OF IOWA
Des Moines

LETTER OF TRANSMITTAL

Hon. N. E. Kendall, Governor of Iowa:

Sir: We have the honor to submit herewith, for your consideration and approval, our report of mining conditions in the State of Iowa for the biennial period covering the calendar years 1920 and 1921.

Very respectfully submitted,

W. E. HOLLAND,

R. T. RHYS,

EDWARD SWEENEY,

Iowa Mine Inspectors.

Des Moines, Iowa, May, 1922.

MINE INSPECTION IN IOWA

State Inspectors—

District No. 1—W. E. HOLLAND, Albia.
 District No. 2—R. T. RHYS, Ottumwa.
 District No. 3—EDWARD SWEENEY, Des Moines.
 Secretary—L. E. STAMM, Des Moines.

The coal producing counties of Iowa are divided into three inspection districts with an inspector living in each district. The duties of the inspectors are to inspect the different mines of the state, and to see that mining operations are conducted in conformity with the mining laws of the state, as regards safety to the employes therein, proper ventilation, etc.

A general office for the inspectors is maintained in the state house, Des Moines, wherein is kept a complete record of all matters pertaining to the coal industry of the state, including maps of all abandoned mines. A secretary elected by the inspectors has charge of all the books and general correspondence of the office, as the duties of the inspectors keep them almost constantly in the inspection field.

The mine inspectors are appointed by the governor for a term of four years. The terms of the present inspectors expire July 1, 1923.

STATE BOARD OF EXAMINERS

E. M. GRAY, President, 1323 24th Street, Des Moines.
 B. H. SHIVERS, Secretary, 3209 School Street, Des Moines.
 T. L. EVANS, 403 A. Ave. East, Albia, Monroe County.
 DAVID ANDERSON, Route 5, Albia, Monroe County.
 JOHN CALDWELL, 513 N. 8th St., Centerville, Appanoose County

The Board of Examiners for mine inspectors, mine foremen and hoisting engineers is composed of five members: Two coal operators, two miners, and one engineer. An examination for state inspectors is held the first Monday in March of even numbered years in the office of the state mine inspectors in the state house. Examinations for mine foremen and hoisting engineers are held at various times during the year in sections of the state where coal mining is done. A fee of two dollars for registration to take the examination is required. To those passing the examination as mine foremen or hoisting engineers, and additional two dollars is required when certificate is issued by the board. The law requires that each certificate issued by the board shall be recorded in the office of the examining board and shall show the name, age, residence and years of experience of the person to whom it was issued.

The Board of Examiners are appointed by the State Executive Council for a period of two years. Terms of the present officers expire January 25, 1924. Compensation of members of the board \$5.00 per day and necessary expenses.

REPORT OF IOWA MINE INSPECTORS

This report covers the biennial period from January 1, 1920, to December 31, 1921. During the year 1920, there were 234 mines in operation in the state, and they gave employment on an average to 12,787 persons, and produced 7,899,365 tons of coal.

In the early part of 1920, the outlook for a prosperous year, and a record breaking production was exceptionally good, for the effects of the general coal strike from October 31, 1919, to December 13, 1919, in the union mines of the competitive states of Illinois, Pennsylvania, Ohio, and Indiana, and of several other states, including Iowa, had practically depleted all the stock of bituminous coal that was stored prior to the strike; hence the demand for coal was brisk during the first part of the year, and all the mines of the state were operating full time. But contrary to the general expectation of most mining men, the brisk demand experienced in the early part of the year continued only for a short period. The demand for coal in the spring, summer, and fall was not heavy, and the mines operated on an average, less than full time. For this reason the total production for the year, notwithstanding the brisk demand that prevailed in the first part of it, reached only about normal.

The year 1921 had not the same prosperous outlook, nor the auspicious beginning as that of 1920. The industrial depression that commenced in 1920 had become more general, effecting not only the mining industry but practically every other industry in the country. And although there were 43 more mines in operation, and 368 more persons employed in and around the mines of the state in 1921, than in 1920, nevertheless the total production of coal in 1921 was 5,173,490 tons, or 2,725,875 tons less than the total production in 1920.

The year 1921, as well as 1920, was free from shortage of railroad cars, and labor troubles, and the decrease of production therefore, was due entirely to the lack of market, and to the general business depression that prevailed in our state and the country over, throughout the year.

Practically all the production of the mines of our state was sold to railroad companies, and to consumers within our state. What

little coal was shipped to points outside the state was mostly slack or steam coal.

It is estimated that the total production of bituminous coal in the United States, in 1921, was 27 per cent less than the total production in 1920. We regret to report that the total production of coal in Iowa, was 35 per cent less in 1921, than in 1920. It is obvious that Iowa's loss was a factor of gain to other states, and in this case the chief gainer is not hard to find, for the total production of coal in 1921 in one of our bordering states, who's coal is Iowa's principal competitor, was 75.5 per cent of that of 1920, or, a decrease of only 24.5 per cent. This was 10.5 per cent less decrease than Iowa suffered, and 2.5 per cent less than the bituminous mining states of the United States sustained in 1921. We are inclined to believe that this great loss of production in our state in 1921 was in a large measure the result of the injurious effect made years ago, when Iowa coal was not prepared as well as it is today. Because of its lack of preparation in those days, it was easily supplanted by coal from other states, from markets that logically belonged to it, and these markets have been in possession of its competitor, more or less, ever since. The industrial depression that prevailed throughout the year 1921, created no new condition in the mining industry of Iowa, but only revealed in a plain manner the extent of the loss that the mines of our state have sustained for many years. The reputation that Iowa coal made years ago, when no proper effort was made to prepare it for market, was not a creditable one, and coal salesmen from other states were quick to take advantage of it, and to capitalize it to their own advantage, and the poor preparation it received in those days, has been their principal selling talk ever since. We are pleased to report the universal attention that is now given to the preparation of our coal for the market. The new shipping mines opened in our state during this biennial period, are as modern in their equipment to prepare their product for market, as can be found anywhere. We confidently predict that other new mines, when opened, will be equipped equally as well, and that the coal product from the mines of Iowa will constantly grow in favor once the consumer will know that the same is being properly prepared, for it is no exaggeration to say that a large per cent of the coal shipped into our state, although sold to the consumer at a much higher price than Iowa coal, is inferior in every respect to our own Iowa product.

BIENNIAL REPORT
OF THE
FIRST DISTRICT
EMBRACING

Appanoose, Monroe (part), Lucas, Wayne, Page,
Taylor and Adams Counties

W. E. HOLLAND, Inspector

COAL PRODUCTION IN DISTRICT NO. 1.—OUTPUT OF MINES IN TONS

1920

Counties	No. of Mines	Lump Coal	Run of Mine	Slack	Total
Appanoose.....	72	1,440,729	581	62,547	1,503,857
Monroe (part).....	6	229,778	41,919	116,239	387,927
Lucas.....	5	86,797	334,340	99,374	520,511
Wayne.....	3	25,084	.....	480	25,579
Page.....	2	11,562	.....	10	11,562
Taylor.....	2	5,394	.....	.....	5,394
Adams.....	7	7,692	.....	30	7,712
Totals.....	97	1,810,386	376,831	378,576	2,465,793

1921

Appanoose.....	82	613,566	16,414	28,891	658,741
Monroe (part).....	6	74,591	156,640	31,074	262,305
Lucas.....	5	52,985	447,072	40,008	539,225
Wayne.....	3	27,183	.....	.....	27,183
Page.....	1	39,359	.....	.....	39,359
Adams.....	6	19,139	.....	5	19,135
Taylor.....	2	7,002	.....	.....	7,002
Totals.....	105	894,847	620,120	99,948	1,524,921

NUMBER OF EMPLOYES BY COUNTIES IN DISTRICT NO. 1

1920

Counties	Miners and Loaders Employed	Other Underground Employes	Surface Employes	Total Number of Employes
Appanoose.....	2,272	719	330	3,321
Monroe (part).....	415	192	50	567
Lucas.....	367	223	90	680
Wayne.....	79	12	8	99
Page.....	28	6	4	38
Taylor.....	23	3	4	30
Adams.....	61	2	8	71
Totals.....	3,296	1,667	494	4,797

1921

Appanoose.....	2,385	637	305	3,327
Monroe (part).....	297	191	41	439
Lucas.....	332	234	93	559
Wayne.....	107	25	7	139
Page.....	33	2	2	37
Adams.....	46	2	7	55
Taylor.....	25	3	4	32
Totals.....	3,625	1,604	450	5,688

AVERAGE DAYS OF EMPLOYMENT BY COUNTIES IN DISTRICT NO. 1

1920

Counties	Miners and Loaders		Other Underground Employes		Surface Employes	
	Average Days in Shipping Mines	Average Days in Local Mines	Average Days in Shipping Mines	Average Days in Local Mines	Average Days in Shipping Mines	Average Days in Local Mines
Appanoose.....	249	162	258%	177	254%	180
Monroe (part).....	276	167	285	158	322	174
Lucas.....	229	.....	268	.....	277	.....
Wayne.....	.....	190	.....	302%	.....	201%
Page.....	.....	182%	.....	182%	.....	189%
Taylor.....	.....	217%	.....	275	.....	217%
Adams.....	.....	160	.....	297	.....	186

1921

Appanoose.....	135%	94%	164%	163%	164	99%
Monroe (part).....	163	115	178	123	92	129
Lucas.....	171%	.....	233	.....	252%	.....
Wayne.....	110	163	110	.....	119	183
Page.....	.....	300	.....	300	.....	300
Adams.....	.....	154%	.....	168	.....	154%
Taylor.....	.....	167	.....	257	.....	217

EXPLOSIVES, MINING MACHINES, HORSES AND MULES USED IN THE MINES OF DISTRICT NO. 1

1920

Counties	Kegs of Powder	Pounds of Dynamite	Pounds of Permissible Explosives	Mining Machines	Horses and Mules
Appanoose.....	39	6,024	.....	45	331
Monroe (part).....	20,349	23,479	.....	.....	34
Lucas.....	25,600	28,000	.....	2	43
Wayne.....	860	.....	.....	.....	5
Page.....	.....	2,150	.....	.....	.....
Taylor.....	.....	1,275	.....	.....	.....
Adams.....	.....	785	.....	.....	.....
Totals.....	45,988	62,513	.....	49	413

1921

Appanoose.....	12	2,961	50	30	395
Monroe (part).....	12,563	35,432	.....	.....	57
Lucas.....	29,777	11,000	.....	2	81
Wayne.....	.....	400	.....	.....	7
Page.....	.....	2,500	.....	1	.....
Adams.....	.....	787	.....	1	.....
Taylor.....	.....	1,500	.....	.....	.....
Totals.....	43,752	57,500	50	30	430

LOSS OF TIME BECAUSE OF STRIKES, LACK OF RAILROAD CARS,
OR SALES, ETC., IN DISTRICT NO. 1

Counties	1920					
	Days mines were idle on account of strikes or disagreements.	Estimate of loss of production in tons because of strikes or disagreements.	Days mines were idle for lack of Railroad cars.	Estimate of loss of production in tons because of lack of Railroad cars.	Days mines were idle for lack of orders for sales.	Estimate of loss of production in tons because of lack of orders for sales.
Appanoose.....	125	29,337	347	55,918	3,029	144,969
Monroe (part).....	5	1,410	7	2,265	1	546
Lucas.....	29	13,040	11	6,300	31	2,569
Wayne.....	9	900	.....	.....	290	4,100
Page.....	6	300	.....	.....	55	3,100
Taylor.....	.....	.....	.....	.....	165	3,330
Adams.....	.....	.....	.....	.....	96	912
Totals.....	175	36,197	365	44,583	3,628	159,531

Counties	1921					
	Days mines were idle on account of strikes or disagreements.	Estimate of loss of production in tons because of strikes or disagreements.	Days mines were idle for lack of Railroad cars.	Estimate of loss of production in tons because of lack of Railroad cars.	Days mines were idle for lack of orders for sales.	Estimate of loss of production in tons because of lack of orders for sales.
Appanoose.....	21	1,115	61	10,394	13,698	1,224,027
Monroe (part).....	20	3,350	60	18,337	15,969	779,871
Lucas.....	5	3,297	17	66,642	290	226,806
Wayne.....	.....	.....	2	300	367	39,830
Page.....	.....	.....	.....	.....	480	6,139
Taylor.....	.....	.....	.....	.....	259	6,000
Totals.....	46	6,762	200	94,643	21,045	2,274,242

DISTRIBUTION OF COAL PRODUCED IN DISTRICT NO. 1

Counties	1920					
	Sold to Local Trade, not Shipped	Shipped to Points Within the State	Shipped to Points Outside the State	Sold to Railroad Companies	Used at Mines for Mine Purposes	Totals
Appanoose.....	83,176	462,122	394,489	638,492	25,508	1,593,887
Monroe (part).....	11,798	129,601	5,901	224,637	19,399	387,327
Lucas.....	5,669	37,371	12,944	449,284	16,174	511,379
Wayne.....	12,947	479	10,436	.....	2,018	25,870
Page.....	11,566	.....	.....	.....	6	11,962
Taylor.....	3,638	4,401	314	.....	11	8,364
Adams.....	7,687	.....	.....	.....	23	7,712
Totals.....	136,566	635,944	322,894	1,312,411	69,134	2,466,736

Counties	1921					
	Sold to Local Trade, not Shipped	Shipped to Points Within the State	Shipped to Points Outside the State	Sold to Railroad Companies	Used at Mines for Mine Purposes	Totals
Appanoose.....	85,665	193,760	177,977	187,349	14,330	659,221
Monroe (part).....	9,451	46,069	293	391,822	4,078	393,963
Lucas.....	3,446	37,298	9,423	471,949	17,143	539,223
Wayne.....	19,977	3,518	3,574	54	40	27,138
Page.....	39,359	.....	.....	.....	.....	39,359
Taylor.....	10,088	.....	.....	.....	47	10,135
Adams.....	3,616	3,214	110	.....	62	7,002
Totals.....	152,527	284,429	191,371	861,174	36,900	1,525,401

FATAL ACCIDENTS—DISTRICT NO. 1

Date and Hour of Accident	Name, Age, Nativity and Occupation	Married or Single	Number of Children	Cause of Death	Employing Company and County
1920					
Mar. 7, 8:00 P. M.	F. N. Wilson, 38, English, timberman.	Single	4	Fall of slate.	Central Iowa Fuel Co., No. 5, Lucas
June 15, 8:00 A. M.	Geo. King, 63, American, miner.	Widower	4	Fall of coal.	Peoria Block Coal Co., Appanoose
Sept. 28, 8:00 A. M.	Cyrus Huxford, 21, American, miner.	Single	.....	Fall of slate.	Central Iowa Fuel Co., No. 2, Lucas
Nov. 8, 2:50 P. M.	John Mihalovich, 38, Croatian, miner.	Widower	5	Fall of rock.	Fowler & Wilson Coal Co., No. 1, Appanoose
1921					
Apr. 8, 1:30 P. M.	Dan Button, 33, American, miner.	Married	7	Fall of slate.	Central Iowa Fuel Co., No. 4, Lucas
Apr. 12, 2:25 P. M.	Vernie W. Ghoson, 28, American, miner.	Married	.....	Fall of slate.	Hocking Coal Co., No. 5, Monroe
July 6, 11:30 A. M.	Ruben Anderson, 21, American, miner.	Married	.....	Fall of slate.	Iowa & Nebraska Coal Co., No. 1, Appanoose
July 15, Unknown	A. C. Bolat, Jr., 41, American, foreman	Married	4	Electrocuted	New Oriental Coal & Mining Co., Appanoose
Aug. 29, 10:30 A. M.	M. Fred Johnson, 25, American, driller.	Divorced	.....	Falling drill.	Centerville Gypsum Co., Appanoose

REPORT OF THE

NON-FATAL ACCIDENTS IN DISTRICT NO. 1

1920

Date and Hour of Accident	Name and Occupation	Cause of Accident	Nature of Injury	Employing Company and County
Jan. 9, 9:30 a. m.	Ray Staplinson, driver	Squeezed by mule	Sprained elbow	Central Iowa Fuel Co., No. 3, Lucas
Jan. 20, 7:45 a. m.	Walter Beardsley, driver	Caught by car	Back bruised	Hocking Coal Co., No. 6, Monroe
Jan. 22, 3:00 p. m.	Dave Jones, motorman	Flying coupling	Broken finger	Central Iowa Fuel Co., No. 2, Lucas
Jan. 27, 2:45 p. m.	Henry Brooks, miner	Fall of slate	Mashed foot	Midway Coal Co., Appanoose
Feb. 1, 1:00 a. m.	Thomas McManis, driver	Falling coal	Tip and toe bruised	Hocking Coal Co., No. 4, Monroe
Feb. 1, 7:00 a. m.	Thomas McManis, driver	Falling coal	Finger cut off	Midway Coal Co., Appanoose
Feb. 16, 10:45 a. m.	Hugo Peterson, miner	Car jumped track	Shoulder bruised	Hocking Coal Co., No. 5, Monroe
Feb. 20, 2:00 p. m.	Wm. Halson, driver	Fall of slate	Finger cut off	Hocking Coal Co., No. 5, Monroe
Feb. 21, 8:00 p. m.	Geo. A. Stewart, miner	Fall of coal	Lame back	Midway Coal Co., Appanoose
Feb. 22, 9:00 a. m.	Claude Lowe, driver	Caught by trip	Broken leg	Martin Block Coal Co., Appanoose
Feb. 23, 9:00 a. m.	John Cheal, miner	Fall of slate	Broken finger	Central Iowa Fuel Co., No. 2, Lucas
Feb. 24, 1:00 p. m.	Ernie White, miner	Falling coal	Leg broken	Harkes Coal Co., No. 1, Appanoose
Mar. 2, 2:00 a. m.	Joe Barbala, miner	Fall of coal	Ankles strained	Lodwick & Williams Coal Co., No. 2, Appanoose
Apr. 12, 2:30 p. m.	John Eaton, chucker	Falling coal	Finger bruised	Midway Coal Co., Appanoose
May 2, 2:30 p. m.	Charles Deboer, miner	Falling coal	Hand bruised	A. D. Fryer Coal Co., Appanoose
May 16, 1:35 p. m.	Charles Deboer, miner	Fall of slate	Two ribs broken	Central Iowa Fuel Co., No. 2, Lucas
May 16, 1:35 p. m.	E. Perry, miner	Caught by door	Hand mashed	Central Iowa Fuel Co., No. 2, Lucas
June 2, 11:20 a. m.	Jonathan Llewellyn, driver	Kicked by mule	Arm fractured	Central Iowa Fuel Co., No. 2, Lucas
July 3, 9:00 a. m.	Herman Steenberg, miner	Cage on foot	Two broken toes	Globe Coal Co., Appanoose
July 30, 2:45 p. m.	Mathert Davis, driver	Squeezed by mule	Side cracked	Hocking Coal Co., No. 1, Lucas
July 30, 2:45 p. m.	Mathert Davis, driver	Squeezed by mule	Wrist injured	Hocking Coal Co., No. 1, Lucas
July 30, 1:00 p. m.	Robert Duke, driver	Fall of coal	Wrist injured	Hocking Coal Co., No. 1, Lucas
July 28, 2:00 p. m.	Albert Smith, driver	Car jumped track	Brused foot	Hocking Coal Co., No. 6, Monroe
Sept. 7, 2:15 p. m.	Dave Banks, driver	Car jumped track	Finger cut off	Hocking Coal Co., No. 6, Monroe
Sept. 20, 11:00 a. m.	William Baker, driver	Falling coal	Hand mashed	Eagle Coal Co., Appanoose
Oct. 10, 11:00 a. m.	Wm. Lewis, driver	Squeezed	Broken toe	Win. Lewis Coal Co., Appanoose
Nov. 10, 9:00 a. m.	Wm. Lewis, driver	Fall of slate	Brused through chest	Lawford Coal Co., Appanoose
Dec. 10, 9:00 a. m.	J. W. Lowe, miner	Fall of slate	Finger cut off	Lodwick Coal Co., Appanoose

FATAL AND SERIOUS ACCIDENTS IN DISTRICT NO. 1
Classified by cause of accident and occupation of the injured.

Causes	1920									
	Fatal			Serious						
	Miners	Timberman	Total	Miners	Drivers	Motorman	Foremen	Chumbers	Total	
1 Fall of roof (rock, slate, etc.) In room or chamber..... On road, entry or gangway.....	1	1	2	12	7				19	
2 Falls of face or pillar coal.....	1		1			1			1	
3 Mine cars and locomotives Falling from trips..... Run over by car or motor..... Caught between car and rib..... Miscellaneous.....				2	11	1		1	14	
4 Animals Squeezed by mules..... Kicked by mules.....				1	1				2	
5 Hand tools, axes, bars, etc. Miscellaneous.....				1					1	
6 Machinery.....							1		1	
Totals.....	2	1	3	14	11	1	1	1	28	

NONFATAL ACCIDENTS IN DISTRICT NO. 1

1921

Date and Hour of Accident	Name and Occupation	Cause of Accident	Nature of Injury	Employing Company and County
Jan. 4, 1:00 p. m.	J. D. Hudson, miner	Fall of dirt	Two ribs broken	Exline Coal Co., No. 1, Appanoose
Jan. 7, 8:30 a. m.	Glan McElderry, miner	Fall of rock	Finger bruised	Exline Coal Co., No. 1, Appanoose
Feb. 25, 9:00 a. m.	Sam Singleton, miner	Fall of slate	Neck bruised	Hocking Coal Co., No. 5, Monroe
Mar. 2, 1:30 p. m.	Wm. Harrison, driver	Caught by car	Foot bruised	Hocking Coal Co., No. 5, Monroe
Mar. 25, a. m.	Joe Edmunds, driver	Caught by car	Two toes broken	Hocking Coal Co., No. 5, Monroe
Mar. 30, 10:00 a. m.	J. J. Rees, miner	Fall of slate	Back bruised	Hocking Coal Co., No. 5, Monroe
June 5, 10:30 a. m.	Con Martin, driver	Fall of slate	Hip and head hurt	Hocking Coal Co., No. 5, Monroe
Aug. 25, 10:30 a. m.	Frank Ramond, miner	Fall of coal	Broken leg	Stirling Coal Co., Appanoose
Nov. 3,	William Walton, topman	.....	Broken leg	Ruth Coal Co., Adams
Nov. 9, 2:30 p. m.	John Stonehouse, timberman	Fall of slate	Eight ribs broken	Central Iowa Fuel Co., No. 2, Lucas
Nov.	S. McCaulley, miner	.....	Broken foot	Central Iowa Fuel Co., No. 2, Lucas
Nov. 17, 3:30 p. m.	Fred Homlich, miner	Fall of slate	Broken foot	Central Iowa Fuel Co., No. 2, Lucas
Nov. 28, 7:30 a. m.	Wm. Harrison, driver	Mule fell	Back bruised	Hocking Coal Co., No. 5, Monroe
Dec. 1, 3:00 p. m.	Jake Robison, miner	Fall of rock	Leg bruised	Lodwick Coal Co., Appanoose
Dec. 16, 10:30 a. m.	Rex Perry, coupler	Falling coal	Bruised foot	Central Iowa Fuel Co., Lucas

FATAL AND SERIOUS ACCIDENTS IN DISTRICT NO. 1
Classified by cause of accident and occupation of injured.

1921

Causes	Fatal				Serious				Total
	Miners	Foremen	Driller	Totals	Miners	Drivers	Timbermen	Topmen	
1 Falls of roof (rock, slate, etc.) On road, entry or gangway	1	.....	.....	1	.....	.....	.....	.....	1
2 Falls or pillar coal	.....	.....	.....	.....	.....	.....	.....	.....	.....
3 Mine cars and locomotives Coupler sets Falling from trips Run over by car or motor Miscellaneous	.....	.....	.....	.....	.....	.....	.....	.....	.....
4 Electricity	.....	.....	.....	.....	.....	.....	.....	.....	.....
5 Animals Squeezed by mule	.....	.....	.....	.....	.....	.....	.....	.....	.....
6 Machinery	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals	5	1	1	5	0	4	1	1	15

LIST OF COAL COMPANIES, SUPERINTENDENTS, ETC., IN DISTRICT NO. 1

APPANOOSE COUNTY

Name of Company	Superintendent	Post Office	Shaft or Slope	Plan of Working	How Ventilated	Power Used	Shipping or Local
Acken Coal Company	George Porter	Mystic	Slope	Longwall	Fan	Steam	Local
Appanoose Coal & Fuel Co., No. 32	G. S. Lodwick	Mystic	Shaft	Longwall	Fan	Steam	C. M. & St. P. Ry.
Appanoose Coal & Fuel Co., Garfield	L. L. Lodwick	Mystic	Shaft	Longwall	Fan	Steam	C. B. & Q. Ry.
Armstrong Coal Company	W. D. Ketcham	Mendota, Mo.	Shaft	Longwall	Fan	Steam	C. B. & Q. Ry.
Big Three Coal Company	Jake Ritter	Centerville	Slope	Longwall	Furnace	Electricity	C. B. & Q. Ry.
Bradshaw Coal Company	D. Bradshaw	Dean	Shaft	Room and Pillar	Furnace	Horse	Local
Barrett Coal Company	J. J. Barrett	Mystic	Slope	Longwall	Furnace	Electricity	C. M. & St. P. Ry.
Beggs Coal Company, No. 7	Wm. M. Beggs	Mystic	Shaft	Longwall	Furnace	Horse	C. M. & St. P. Ry.
Carbon Fuel Company, No. 39	Nels Anderson	Centerville	Shaft	Longwall	Fan	Steam	C. R. I. & P. Ry.
Centerville Block Coal Co., No. 1	Alex Dargavell	123 N. Main St. Centerville	Shaft	Longwall	Fan	Steam	C. B. I. & P. Ry.
Centerville Block Coal Co., No. 2	Alex Dargavell	123 N. Main St. Centerville	Shaft	Longwall	Fan	Steam	C. R. I. & P. Ry.
Centerville Block Coal Co., No. 3	Alex Dargavell	123 N. Main St. Centerville	Slope	Longwall	Fan	Steam	C. B. & Q. Ry.
Centerville Block Coal Co., No. 5	Alex Dargavell	123 N. Main St. Centerville	Shaft	Longwall	Fan	Steam	C. B. & Q. Ry.
Centerville Block Coal Co., No. 10	Alex Dargavell	123 N. Main St. Centerville	Shaft	Longwall	Fan	Steam	C. R. I. & P. Ry.
Citizens Coal Company	Graham & Parker	Centerville	Shaft	Longwall	Fan	Electricity	Inter Urban
Caldwell Coal Company	L. Johnson	Exline	Shaft	Longwall	Furnace	Gasoline	C. B. & Q. Ry.
Clark Coal Company	Daniel Clark	Centerville	Shaft	Longwall	Fan	Steam	Local
Centerville Coal Company			Shaft	Longwall	Furnace	Horse	Local
Center Coal Company	Louis Anderson	Centerville	Shaft	Longwall	Fan	Steam	C. R. I. & P. Ry.
Diamond Block Coal Co., No. 12	David Lodwick	Mystic	Shaft	Longwall	Furnace	Steam	Local
Diamond Block Coal Co., No. 29	David Lodwick	Mystic	Shaft	Longwall	Fan	Steam	Local
Dixon & Frost Coal Company	John Frost	Mystic	Slope	Longwall	Furnace	Gasoline	Local
Dennie Coal Company	R. L. Horstman	Centerville, R. 4	Shaft	Longwall	Furnace	Horse	C. B. & Q. Ry.
Dewey Block Coal Company	G. E. Clime	Centerville	Shaft	Longwall	Fan	Steam	Local
Duff Coal Company	G. R. Duff	Mystic	Shaft	Room and Pillar	Fan	Horse	Local
Domestic Coal Company	Wm. C. Cline	Cincinnati	Shaft	Longwall and R&P	Fan	Steam	C. B. & Q. Ry.
Exline Coal Company, No. 1	J. D. Rowan	Centerville	Shaft	Longwall	Fan	Steam	Local
Eagle Coal Company, No. 1	Th. Ludgren	Centerville	Shaft	Longwall	Fan	Electricity	Local
Egypt Coal Company	A. B. Dudley	Mystic	Shaft	Longwall	Fan	Steam	C. M. & St. P. Ry.
Fowler & Wilson Coal Co., No. 1	D. F. Cushing	Bathum	Shaft	Longwall	Fan	Steam	C. M. & St. P. Ry.
Fowler & Wilson Coal Co., No. 2	D. F. Cushing	Bathum	Shaft	Longwall	Fan	Steam	C. M. & St. P. Ry.
Fisher Coal Company	R. E. Fisher	Piano, Route 1	Slope	Longwall	Fan	Steam	Local
Farmers Coal Company	J. Jennett	Mystic	Shaft	Longwall	Furnace	Horse	C. M. & St. P. Ry.
Gillipie & Lovendusky Coal Co.	Howard Gillipie	Mystic	Slope	Longwall	Furnace	Horse	Local
Globe Coal Co.	Oscar Bergstrum	Centerville	Shaft	Longwall	Fan	Horse	Local
Grandon & Anders Coal Company	Art Grandon	Piano	Shaft	Longwall			Local
Gott Coal Company	C. Gott	Centerville	Slope	Longwall	Furnace	Horse	Local
Hunt Bros. Coal Company	George Hunt	Mystic	Slope	Longwall	Furnace	Gasoline	C. B. & Q. Ry.
Hawkeye Coal Company, No. 5	R. Whalen	Mystic	Slope	Longwall	Fan	Steam	C. B. & Q. Ry.
Hooten Bros. Coal Company		Mystic	Slope	Longwall	Natural	Horse	C. M. & St. P. Ry.
Harkes Coal Company	Robert Hunter	Jerome	Shaft	Longwall	Fan	Steam	C. M. & St. P. Ry.
High Test Coal Company	J. P. Price	Centerville, R. 5	Shaft	Longwall			C. R. I. & P. Ry.
Houser Coal Company		Seymour	Shaft	Longwall			Local
Helman Bros. Coal Company	Charles Helman	Piano	Shaft	Longwall			Local
Iowa Block Coal Company	L. Johnson	Exline	Shaft	Longwall	Fan	Steam	C. B. & Q. Ry.
Interurban Coal Company	John Frost	Mystic	Slope	Longwall	Fan	Gasoline	Inter Urban
Koontz Coal Company	J. A. Koontz	302 E. Franklin St., Centerville	Shaft	Longwall	Fan	Electricity	Local
Livingood Coal Company	O. H. Livingood	Centerville	Shaft	Room and Pillar	Fan	Electricity	Local
Liberty Coal Company, No. 3	O. E. Moss	Mystic	Shaft	Longwall	Fan	Horse	Local
Liberty Coal Company, No. 4	O. E. Moss	Mystic	Shaft	Longwall	Furnace	Horse	Local
Liberty Coal Company, No. 6	O. E. Moss	Mystic	Shaft	Longwall	Furnace	Horse	Local
Allen Long Coal Company	Allen Long	Mystic	Shaft	Room and Pillar			Local
Lee & Jones Coal Company	W. E. Jones	Mystic	Shaft	Longwall	Fan	Electricity	C. M. & St. P. Ry.
W. W. Lowe & Sons Coal Company	W. W. Lowe	Brazil	Slope	Longwall	Furnace	Horse	C. B. & Q. Ry.
Monitor Coal Company	John Hitchin	Centerville	Shaft	Longwall	Fan	Electricity	Local
Murray & Askern Coal Company	J. E. Murray	Mystic, Route 1	Shaft	Longwall			Local
Midway Coal Company	Tony Trevisol	Centerville	Shaft	Longwall	Furnace	Steam	Inter Urban
McConville Coal Company	Owen McConville	Centerville	Shaft	Longwall	Fan	Electricity	M. & St. L. Ry et al
Maddalozzi Coal Company	Valtino Maddalozzi	Mystic	Slope	Longwall	Furnace	Horse	Local
Mystic Coal Company	James Horridge	Mystic	Shaft	Longwall	Fan	Steam	C. M. & St. P. Ry.
New Oriental Coal & Mining Co.	J. Ritter	Centerville	Slope	Longwall	Furnace	Horse	C. B. & Q. Ry.
New Phoenix Coal Company	William Weir	Brazil	Slope	Longwall			Local
North Hill Coal Company	Charles Fortner	Centerville	Shaft	Longwall	Fan	Electricity	Local
National Coal Mining Co., No. 2	M. E. Serat	Box 1486 Lincoln, Nebr.	Shaft	Longwall	Fan	Steam	C. R. I. & P. Ry.
National Coal Mining Co., (Sunshine)	M. E. Serat	Box 1486 Lincoln, Nebr.	Shaft	Longwall	Fan	Electricity	C. B. & Q. Ry.
Peacock Coal Company	R. F. Lawton	Brazil	Slope	Longwall	Fan	Horse	C. B. & Q. Ry.
Prairie Coal Company, No. 1	D. F. Cushing	Centerville	Shaft	Longwall	Fan	Steam	Local
Prairie Coal Company, No. 5	D. F. Cushing	Centerville	Shaft	Longwall	Fan	Steam	Local
Potter Coal Company	Paul Potter	Mystic	Slope	Longwall	Furnace	Horse	Local
Rinehart Coal Company	W. L. Rinehart	Piano	Shaft	Longwall	Furnace	Horse	Local
Rosch Coal Company	George H. Roach	Piano, Route 1	Shaft	Longwall	Furnace	Horse	Local
Raney Coal Company	G. H. Raney	Centerville, R. 2	Shaft	Longwall	Fan	Gasoline	Inter Urban
Rosebrook Coal Company	L. L. Lodwick	Mystic	Shaft	Longwall	Furnace	Electricity	Local

LIST OF COAL COMPANIES, SUPERINTENDENTS, ETC., IN DISTRICT NO. 1—Continued.

APPANOOSE COUNTY—Continued.

Name of Company	Superintendent	Post Office	Shaft or Slope	Plan of Working	How Ventilated	Power Used	Shipping or Local
Rock Valley Coal Company.....	S. A. Goughner.....	Centerville.....	Shaft.....	Longwall.....	Fan.....	Horse.....	Local
Ross Coal Company.....	W. A. Ross.....	Cincinnati.....	Shaft.....	.....	.....	.....	Local
Sterling Coal Company.....	O. Billberg.....	Centerville.....	Shaft.....	.....	.....	.....	Inter Urban
Scandinavian Coal Company.....	Claus Johnson.....	Centerville.....	Shaft.....	Longwall.....	Fan.....	Steam.....	C. B. & Q. Ry.
Thistle Coal Company, No. 4.....	Geo. E. Dimming.....	Centerville.....	Shaft.....	Longwall.....	Fan.....	Steam.....	C. B. & Q. Ry.
Thistle Coal Company, No. 5.....	Geo. E. Dimming.....	Centerville.....	Shaft.....	Room and Pillar.....	Fan.....	Steam.....	C. B. & Q. Ry.
U S Coal Company.....	J. E. McWilliams.....	Centerville.....	Shaft.....	Longwall.....	Natural.....	Horse.....	Local
Winifred Coal Company.....	L. L. Lodwick.....	Mystic.....	Slope.....	Longwall.....	Fan.....	Steam.....	Local
Woodland Coal Company.....	E. E. Hedberg.....	733 Park Ave., Centerville.....	Shaft.....	Longwall.....	Furnace.....	Horse.....	Local

ADAMS COUNTY

Bixler Coal Company.....	Glenn R. Bixler.....	Corning.....	Shaft.....	Longwall.....	Furnace.....	Horse.....	Local
Lockwood Coal Company.....	D. W. Lockwood.....	Corning.....	Shaft.....	Longwall.....	Furnace.....	Horse.....	Local
McKee Coal Company.....	A. McKee.....	Carbon.....	Shaft.....	Longwall.....	Furnace.....	Horse.....	Local
Nodaway Coal Company.....	E. L. Thompson.....	Nodaway.....	Shaft.....	Longwall.....	Furnace.....	Horse.....	Local
Pleasant Valley Coal Company.....	A. Hathaway.....	Nodaway.....	Shaft.....	Longwall.....	Furnace.....	Horse.....	Local
Ruth Coal Company.....	W. H. Ruth.....	Carbon, Box 55.....	Shaft.....	Longwall.....	Furnace.....	Horse.....	Local

LUCAS COUNTY

Central Iowa Fuel Company, No. 1.....	W. M. Malone.....	Chariton.....	Shaft.....	Room and Pillar.....	Fan.....	Steam.....	C. R. I. & P. Ry.
Central Iowa Fuel Company, No. 2.....	W. M. Malone.....	Chariton.....	Shaft.....	Room and Pillar.....	Fan.....	Steam.....	C. R. I. & P. Ry.
Central Iowa Fuel Company, No. 3.....	W. M. Malone.....	Chariton.....	Shaft.....	Room and Pillar.....	Fan.....	Steam.....	C. R. I. & P. Ry.
Central Iowa Fuel Company, No. 4.....	W. M. Malone.....	Chariton.....	Shaft.....	Room and Pillar.....	Fan.....	Steam.....	C. R. I. & P. Ry.
Iowa Nebraska Coal Company.....	P. H. Waterman.....	Chariton.....	Shaft.....	Room and Pillar.....	Fan.....	Steam.....	C. B. & Q. Ry.

MONROE COUNTY

Albia Coal Company.....	Ed Spavin.....	Albia.....	Shaft.....	Room and Pillar.....	Fan.....	Steam.....	M. & St. L. Ry.
Graham Coal Company.....	J. W. Moss.....	Avery.....	Shaft.....	Room and Pillar.....	Fan.....	Steam.....	C. B. & Q. Ry.
Hocking Coal Company, No. 4.....	W. G. Hodge.....	Hocking.....	Shaft.....	Room and Pillar.....	Fan.....	Steam.....	M. & St. L. Ry.
Hocking Coal Company, No. 5.....	W. G. Hodge.....	Hocking.....	Shaft.....	Room and Pillar.....	Fan.....	Electricity.....	M. & St. L. Ry.
Head coal Company, No. 2.....	J. E. Head.....	Albia.....	Shaft.....	Longwall.....	Natural.....	Horse.....	Local
Larson Air Line Coal Company.....	Gost Larson.....	Albia.....	Slope.....	Room and Pillar.....	Furnace.....	Horse.....	Local

PAGE COUNTY

Pearson Coal Company, No. 2.....	Charles Pearson.....	Clarinda.....	Shaft.....	Longwall.....	Fan.....	Electricity.....	Local
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TAYLOR COUNTY

Bean Coal Company.....	J. Bean.....	New Market.....	Shaft.....	Longwall.....	Furnace.....	Horse.....	Local
New Market Coal Company.....	John Pullan.....	New Market.....	Shaft.....	Longwall.....	Fan.....	Electricity.....	C. B. & Q. Ry.

WAYNE COUNTY

Hickle Bros. Coal Company.....	J. W. Hickle.....	Promise City.....	Shaft.....	Longwall.....	Furnace.....	Horse.....	Local
Hayhurst Coal Company.....	A. H. Hayhurst.....	Promise City.....	Shaft.....	Longwall.....	Furnace.....	Horse.....	Local
Seymour Coal Company.....	George Voyce.....	Seymour.....	Shaft.....	Longwall.....	Fan.....	Steam.....	C. R. I. & P. Ry.

BIENNIAL REPORT
OF THE
SECOND DISTRICT

EMBRACING
Monroe, Marion, Wapello, Jasper, Warren,
Mahaska, Van Buren, Keokuk and
Jefferson Counties.

R. T. RHYS, Inspector

COAL PRODUCTION IN DISTRICT NO. 2

1920

Counties	No. of mines	Output of Mines in Tons				Total
		1	2	3	4	
		Lump Coal	Run of Mine	Slack		
Monroe.....	16	606,519	1,125,919	278,568	2,161,036	
Marion.....	20	308,364	565,339	129,174	842,777	
Jasper.....	5	63,539	130,627	27,838	222,004	
Wapello.....	33	81,412	25,013	53,073	159,498	
Mahaska.....	18	34,824	25,201	9,835	67,860	
Warren.....	3	22,783	47,029	20,521	90,333	
Van Buren.....	6	3,014	3,798	1,965	9,677	
Keokuk.....	3	703	3,121	631	4,455	
Jefferson.....	1		1,426		1,426	
Totals.....	104	1,111,668	1,865,473	521,635	3,499,666	

1921

Monroe.....	15	516,565	673,223	115,514	1,300,202
Marion.....	22	230,433	257,069	145,480	633,011
Wapello.....	40	67,471	10,082	45,013	120,566
Jasper.....	6	29,515	67,363	15,919	112,737
Warren.....	2	24,894	11,670	22,063	58,627
Van Buren.....	10	6,765	2,723	1,564	10,982
Keokuk.....	5	3,922	3,873	2,004	9,832
Mahaska.....	26	41,303	29,979	14,409	85,781
Jefferson.....	5	1,653	5,794	7	6,764
Totals.....	131	914,901	1,062,329	360,342	2,337,572

NUMBER OF EMPLOYES BY COUNTIES IN DISTRICT NO. 2

1920

Counties	5	6	7	Total Number of Employees
	Miners and Loaders Employed	Other Under-ground Employes	Surface Employes	
Monroe.....	1,681	726	214	2,621
Marion.....	818	421	136	1,375
Jasper.....	207	105	45	357
Wapello.....	241	75	109	425
Mahaska.....	87	17	39	124
Warren.....	75	35	25	135
Van Buren.....	19	2	5	26
Keokuk.....	14		3	17
Jefferson.....	6		1	6
Totals.....	3,147	1,381	508	6,080

1921

Monroe.....	1,677	719	194	2,590
Marion.....	813	316	125	1,254
Wapello.....	220	43	59	322
Jasper.....	171	113	43	327
Warren.....	88	37	21	141
Van Buren.....	27	2	10	39
Keokuk.....	15	1	4	20
Mahaska.....	147	28	32	207
Jefferson.....	12	4	3	19
Totals.....	3,135	1,263	492	4,920

AVERAGE DAYS OF EMPLOYMENT IN DISTRICT NO. 2

1920

Counties	Miners and Loaders		Other Underground Employes		Surface Employes	
	8		9		10	
	Average Days in Shipping Mines	Average Days in Local Mines	Average Days in Shipping Mines	Average Days in Local Mines	Average Days in Shipping Mines	Average Days in Local Mines
Monroe.....	295	120½	271	161	271	161
Marion.....	266	200	280	232	281	224½
Jasper.....	210	221	267½	239	213½	228
Wapello.....	202	208	275	229½	270	248
Mahaska.....	274½	163	274½	212½	274½	209
Warren.....	257		257		257	
Van Buren.....		220½		247½		225½
Keokuk.....		83				83
Jefferson.....		225				150

1921

Monroe.....	147½	150	178½	194	188½	150
Marion.....	166½	175½	181	152	185	174
Wapello.....	179	190	200	152	209	172
Jasper.....	114½	196	158½	200½	209	212½
Warren.....	167	202	167	203	167	252
Van Buren.....		153		142½		183
Keokuk.....		161½		130		161½
Mahaska.....	138½	150	138½	150	148	138
Jefferson.....		146		167½		177½

EXPLOSIVES, MINING MACHINES, HORSES AND MULES USED IN THE MINES OF DISTRICT NO. 2

1920

Counties	11	12	13	14	15
	Kegs of Powder	Pounds of Dynamite	Pounds of Permissible	Mining Machines	Horses and Mules
	Monroe.....	108,220	293,854	0	2	295
Marion.....	46,433	42,058	50	5	74
Jasper.....	7,242	550	0	7	31
Wapello.....	11,088	7,833	0	0	34
Mahaska.....	3,850	22,329	0	0	19
Warren.....	2,433	12,001	0	4	17
Van Buren.....	547	250	0	0	3
Keokuk.....	355	575	0	0	
Jefferson.....	119				1
Totals.....	180,297	349,460	50	19	444

1921

Monroe.....	64,195	171,380	0	7	226
Marion.....	39,951	21,299	0	5	195
Wapello.....	10,559	9,437	0	0	38
Jasper.....	3,233	450	0	8	28
Warren.....	1,550	8,070	0	4	15
Van Buren.....	907	380	0	0	3
Keokuk.....	378	950	0	0	1
Mahaska.....	4,740	18,169	0	0	27
Jefferson.....	433	25	0	0	3
Totals.....	126,124	220,330	0	24	445

LOSS OF TIME BECAUSE OF STRIKES, LACK OF RAILROAD CARS
OR SALES, ETC., IN DISTRICT NO. 2.

1920

Counties	16	17	18	19	20	21
	Days mines were closed (more than 24 hours) because of strikes or disbursements.	Estimate of loss of production in tons because of strikes or disbursements.	Days mines were idle for lack of railroad cars.	Estimate of loss of production in tons because of lack of railroad cars.	Days mines were idle for lack of orders or sales.	Estimate of tons mines would produce on days idle for lack of orders or sales.
Monroe.....	38	22,000	52	22,800	239	185,600
Marion.....	75	11,040	45	17,541	402	30,120
Jasper.....	6	2,655			369	55,309
Wapello.....	43	2,410	29	2,209	1,003	24,913
Mahaska.....			12½	600	370	6,870
Warren.....	5	1,500	7	2,100	0	0
Van Buren.....	0	0	0	0	0	0
Keokuk.....	0	0	0	0	0	0
Jefferson.....	0	0	0	0	0	0
Totals.....	167	39,605	105½	55,951	2,323	302,372

1921

Counties	1	2	3	4	5	6
Days mines were closed (more than 24 hours) because of strikes or disbursements.	Estimate of loss of production in tons because of strikes or disbursements.	Days mines were idle for lack of railroad cars.	Estimate of loss of production in tons because of lack of railroad cars.	Days mines were idle for lack of orders or sales.	Estimate of tons mines would produce on days idle for lack of orders or sales.	Totals
Monroe.....	1	1,600	0	0	1,927	1,111,004
Marion.....	6	1,950	38	17,282	1,013	430,252
Wapello.....	14	400	21	280	2,774	24,408
Jasper.....	0	0	0	0	321	137,028
Warren.....	0	0	0	0	121	41,496
Van Buren.....	0	0	0	0	469	3,841
Keokuk.....	0	0	0	0	0	0
Mahaska.....	0	0	0	0	1,466	59,792
Jefferson.....	0	0	0	0	15	210
Totals.....	21	3,950	59	17,602	7,565	1,849,631

DISTRIBUTION OF COAL PRODUCED IN DISTRICT NO. 2

1920

Counties	22	23	24	25	26	27
	Sold to Local Trade Not Shipped	Shipped to Points Within the State	Shipped to Points Outside the State	Sold to Railroad Companies	Used at Mine for Mine Purposes	Totals
Monroe.....	23,917	420,988	35,458	1,567,168	44,406	2,101,067
Marion.....	55,621	329,945	10,040	427,068	20,101	842,775
Jasper.....	22,456	78,671	0	111,290	9,588	222,005
Wapello.....	81,023	32,830	1,549	21,125	2,979	159,498
Mahaska.....	18,406	6,918	0	41,592	945	67,859
Warren.....	2,216	35,990	359	46,109	5,050	90,333
Van Buren.....	8,115	1,455	0	0	67	9,677
Keokuk.....	3,990	100	0	0	365	4,455
Jefferson.....	1,436	0	0	0	0	1,436
Totals.....	236,270	926,037	47,406	2,214,353	84,397	3,499,603

1921

Counties	27	28	29	30	31	32
Days mines were closed (more than 24 hours) because of strikes or disbursements.	Estimate of loss of production in tons because of strikes or disbursements.	Days mines were idle for lack of railroad cars.	Estimate of loss of production in tons because of lack of railroad cars.	Days mines were idle for lack of orders or sales.	Estimate of tons mines would produce on days idle for lack of orders or sales.	Totals
Monroe.....	27,112	139,559	19,511	1,084,935	38,185	1,300,302
Marion.....	47,327	295,769	9,110	254,345	24,624	632,175
Wapello.....	76,997	32,469	0	9,908	1,692	120,166
Jasper.....	29,652	33,371	0	50,475	8,239	112,737
Warren.....	9,306	35,940	0	9,384	2,997	58,627
Van Buren.....	8,469	2,452	0	0	21	10,942
Keokuk.....	8,291	0	0	0	511	8,802
Mahaska.....	47,712	4,973	0	31,802	1,289	85,781
Jefferson.....	6,753	0	0	0	11	6,764
Totals.....	292,619	597,578	28,621	1,440,549	76,969	2,336,336

FATAL ACCIDENTS—DISTRICT NO. 2

Date and Time of Accident	Name, Age, Nativity and Occupation	Married or Single	Number of Children	Cause of Death	By Whom Employed and County
1920					
Feb. 5, 5:00 p. m.	Baxter McDowell, 32, Negro, shot firer.	Married		Fall of slate	Consolidation C. Co., No. 18, Monroe
Feb. 17, 9:00 a. m.	Edward Williams, 17, American, trapper	Single		Caught between cars	Consolidation C. Co., No. 19, Monroe
May 1, 3:00 p. m.	Jno. Michelotte, 25, Italian, miner	Single		Fall of coal	Rex Fuel Co., No. 5, Monroe
May 12, 8:00 a. m.	Ross Nation, 42, American, timberman	Single		Fall of slate	Consolidation C. Co., No. 19, Monroe
Aug. 4, 8:00 a. m.	Frank Millitch, Croatian, miner			Fall of slate	Sheriff Coal Co., Monroe
Aug. 12, 12:30 p. m.	David T. Ellis, 40, Welsh, miner	Married	3	Fall of slate	Haseltine & Son Coal Co., Wapello
Aug. 20, 8:00 a. m.	Jas. Koopsman, 45, American, miner	Married	4	Fall of slate	Honey Creek Coal Co., Marion
Aug. 21, 10:00 a. m.	Steve Boehm, 40, Croatian, miner	Married		Fall of slate	Red Rock Coal Co., Marion
Sept. 9, 12:40 p. m.	Emil Laurent, 51, French, miner	Married		Fall of slate	Smoky Hollow C. Co., No. 10, Monroe
Sept. 14, 9:30 a. m.	Walter Burgett, 21, American, miner	Married	2	Fall of slate	Red Rock Coal Co., Marion
Sept. 23, 7:30 a. m.	Ernest Pike, 17, American, miner	Single		Fall of slate	Pershing Coal Co., Marion
Oct. 9, 4:50 p. m.	James Paris, Italian, miner	Single		Run over by trip.	Des Moines Ice & Fuel Co., Warren
Nov. 20, 11:00 a. m.	Bert Wright, 34, Negro, timberman	Single		Fall of slate	Consolidated C. Co., No. 18, Monroe
Dec. 24, 2:00 p. m.	Andrew West, 32, American, top man.	Married		Struck by mine car door	Rex Fuel Co., No. 5, Monroe
1921					
Jan. 5, 12:45 p. m.	Samuel Rowley, 58, American, miner	Married	3	Fall of slate	Smoky Hollow C. Co., No. 10, Monroe
Jan. 11, 7:30 a. m.	Elmer Madison, 18, American, miner	Single		Fall of slate	Sheriff Coal Co., Monroe
Jan. 19, 9:00 a. m.	Bert Richardson, 23, American, miner	Married	1	Fall of slate	A. L. Cahill Coal Co., Van Buren
Apr. 18, 9:30 a. m.	Clinton Carter, 29, Negro, miner	Married	2	Fall of coal	Consolidated C. Co., No. 18, Monroe
June 3, 11:30 a. m.	Pas. Pellegrini, 40, Italian, cager	Married		Hit by flying coal that fell down shaft	Red Rock Coal Co., Marion
July 9, 7:15 a. m.	Wesley Sincov, 55, American, miner	Single		Fall of slate	Consolidation C. Co., No. 19, Monroe
July 19, 8:15 p. m.	Henry Dixon, 39, American, miner	Married		Fall of slate	Smoky Hollow C. Co., No. 11, Monroe
June 9, 9:00 a. m.	Angelo Nicolette, 54, Italian, miner	Married		Fall of slate	Smoky Hollow C. Co., No. 10, Monroe
Sept. 6, 10:00 a. m.	Booker Jones, 50, Negro, miner	Married	4	Fall of slate	Hoover Fuel Co., Monroe
Sept. 13, 9:10 a. m.	Floyd Meeker, 19, American, miner	Single		Fall of slate	Consolidation C. Co., No. 19, Monroe
Oct. 24, 1:00 p. m.	E. C. Dreibebeis, 40, American, miner	Married	4	Fall of slate	Pershing Coal Co., Marion
Nov. 4, 12:15 p. m.	Robert Bell, American, miner	Married	5	Fall of coal	Rex Fuel Co., No. 5, Monroe
Nov. 22, 1:30 p. m.	Lawrence Bryant, 28, American, motorman	Married		Motor jumped track	Consolidation C. Co., No. 19, Monroe

NONFATAL ACCIDENTS—DISTRICT NO. 2

1921

Date and Time of Accident	Name of Person Injured and Occupation	Cause of Accident	Nature of Injury	By Whom Employed and County
Jan. 6,	C. W. Swanson, miner	Fall of slate	Sprained ankle	Smoky Hollow C. Co., No. 10, Monroe
Jan. 2, 9:35 a. m.	Ely Waddel, miner	Fall of slate	Foot bruised	Des Moines Coal & Coke Co., Marion
Jan. 3, 1:25 p. m.	William McNeshe, driver	Kicked by mule	Two ribs fractured	Des Moines Coal & Coke Co., Marion
Jan. 8, 4:05 p. m.	Thos. Benson, cager	Fall of slate	Right leg bruised	Consolidation C. Co., No. 19, Monroe
Jan. 27, 11:00 a. m.	W. H. Kirfman, miner	Fall of slate	Leg broken and 4 ribs fractured	Red Rock coal Co., Marion
Jan. 28, 12:00 a. m.	Tony Rebhatti, miner	Fall of slate	Back injured	Crescent Coal Co., No. 7, Monroe
Jan. 28, 9:00 a. m.	J. Mingulett, miner	Fall of slate	Back injured	Crescent Coal Co., No. 7, Monroe
Feb. 2, 10:45 a. m.	Robt. Chestham	Ran over by cars	Right foot crushed	Consolidation C. Co., No. 19, Monroe
Feb. 11, 10:45 a. m.	Dave Lewis, driver	Caught between cars	Foot bruised	Maple Coal Co., No. 1, Monroe
Feb. 15, 10:30 a. m.	Joe Valino, miner	Fall of slate	Hip dislocated	Smoky Hollow C. Co., No. 11, Monroe
Mar. 2, 1:00 a. m.	Frank Cottrell, driver	Struck by car	Right foot and ankle injured	Rex Fuel Co., No. 4, Monroe
Mar. 6, 8:00 a. m.	Mike Soko, miner	Fall of slate	Right ankle injured	Rex Fuel Co., No. 4, Monroe
Mar. 6, 9:20 a. m.	J. A. Kridelbaugh, miner	Fall of slate	Right leg broken	Ramsay Coal Co., Wapello
Mar. 6, 9:30 a. m.	E. Williams, driver	Fall of car	Ankle bone broken	Smoky Hollow C. Co., No. 11, Monroe
Mar. 8, 10:00 a. m.	Jas. Morrissey, fireman	Fell on coal	Ankle bone broken	Smoky Hollow C. Co., No. 11, Monroe
Mar. 8, 11:00 a. m.	Alf. Bagnnell, driver	Mule turning	Left ankle injured	Rex Fuel Co., No. 4, Monroe
Mar. 11, 9:00 a. m.	R. Ewing, Sr., miner	Fall of coal	Left hand mashed	Consolidation C. Co., No. 19, Monroe
Mar. 23, 11:00 a. m.	Jonas Mable, driver	Car jumped track	Right foot bruised	Des Moines Coal & Coke Co., Marion
Mar. 29, 1:00 p. m.	J. E. Sieckel, driver	Caught between car and timber	Bones of right arm fractured	Gold Goose Coal & Min. Co., Marion
Mar. 29, 9:00 a. m.	Dan Garrington, miner	Fall of coal	Left shoulder dislocated	Rex Fuel Co., No. 4, Monroe
Mar. 30, 2:00 p. m.	Jas. Roussian, driver	Struck by timbers	Back injured and ribs fractured	Rex Fuel Co., No. 4, Monroe
Apr. 2,	Wm. Saunders, miner	Fall of coal	Ankle bone broken	Smoky Hollow C. Co., No. 11, Monroe
Apr. 23,	B. Antonio, miner	Ran over by car	Broken toe	Smoky Hollow C. Co., No. 19, Monroe
Apr. 26, 8:00 a. m.	C. A. Pettitohn, miner	Fall of slate	Bruised back, hips and shoulders	Gold Goose Coal & Min. Co., Marion
Apr. 28, 9:00 a. m.	F. E. Deford, miner	Fall of slate	Small bones broken in foot	Maple Coal Co., No. 2, Monroe
May 27, 8:00 a. m.	W. H. Phillips, driver	Ran over by car	Fractured ribs and fingers	Central Coal Co., No. 3, Monroe
June 24, 1:00 p. m.	E. Pickels, miner	Fall of slate	Internal injuries	Sheriff Coal Co., Monroe
July 2, 1:30 p. m.	H. Ferguson, driver	Caught by tail chain	Right hand injured	Crescent Coal Co., No. 7, Monroe
July 3, 8:00 a. m.	H. Randolph, miner	Fall of slate	Bruised head and hand	Smoky Hollow C. Co., No. 10, Monroe
July 14, 12:30 p. m.	Tom Ashby, driver	Kicked by mule	Leg broken	Des Moines Coal & Coke Co., Marion
July 12, 10:30 a. m.	John McManus, driver	Fell under car	Bruised	Smoky Hollow C. Co., No. 11, Monroe
July 15, 9:30 a. m.	Archie Fatout, miner	Fall of slate	Left shoulder blade broken	Consolidation C. Co., No. 18, Monroe
July 22,	W. T. Rley, timberman	Fall of slate	Bruised back	Consolidation C. Co., No. 18, Monroe
July 23,	Bart Faggio, timberman	Fall of slate	Face and body injured	Consolidation C. Co., No. 18, Monroe
July 16,	Lyle Rodger, miner	Axe glanced	Foot cut	Consolidation C. Co., No. 19, Monroe

NONFATAL ACCIDENTS—DISTRICT NO. 2—Continued

1929

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Date and Time of Accident	Name of Person Injured and Occupation	Cause of Accident	Nature of Injury	By Whom Employed and County
July 24, 9:30 a. m.	John Kinkade, miner	Fall of coal	Leg bruised	Ramsay Coal Co., Wapello
July 27	Walter Smith, driver	T. chain came unhooked	Left hand and right leg bruised	Equality Coal Co., Mahaska
Aug. 1	Sam West, miner	Switching car	Left knee injured	Pershing Coal Co., Marion
Aug. 4	Ed. Richards, mine manager	Lifting car	Ruptured	Equality Coal Co., Mahaska
Aug. 6	A. Harneginer, miner	Fall of slate	Arm and head cut	Smoky Hollow C. Co., No. 11, Monroe
Aug. 20, 10:30 a. m.	Jno. Carter, miner	Fall of coal	Foot bruised	McCagg Coal Co., Marion
Sept. 15, 10:00 a. m.	Joe Catrenick, driver	Coupling cars	Right hand badly injured	Maple Coal Co., No. 1, Monroe
Sept. 14, 9:20 a. m.	Joe Wilkinson, miner	Fall of coal	Left foot fractured	Red Rock Coal Co., Marion
Sept. 24, 10:30 a. m.	C. W. Long, miner	Falling of prop.	Left arm broken	Red Rock Coal Co., Marion
Sept. 12, 9:00 a. m.	H. W. Miller, driver	Switching car	Right elbow injured	Pershing Coal Co., Marion
Sept. 20	Thos. Clemens, miner	Fall of slate	Left leg broken	Consolidation C. Co., No. 19, Monroe
Sept. 30, 1:15 p. m.	Robt. Ankeny, miner	Fall of slate	Two ribs fractured	Des Moines Coal & Coke Co., Marion
Sept. 27, 11:00 a. m.	H. Gallon, miner	Fall of slate	Right leg crushed and head bruised	Rex Fuel Co., No. 5, Monroe
Oct. 2, 3:00 p. m.	Worth Kertzman, miner	Fall of slate	Right hip fractured	Red Rock Coal Co., Marion
Oct. 15, 12:00 p. m.	Dan Williamson, miner	Fall of slate	Right ankle fractured	Des Moines Coal & Coke Co., Marion
Oct. 8, 10:00 a. m.	John Lenger, miner	Fall of slate	Back and legs injured	Gold Goose Coal & Min. Co., Marion
Oct. 8	Henry Williamson, miner	Fall of slate	Hip dislocated and head cut	Consolidation C. Co., No. 19, Monroe
Oct. 8, 2:00 p. m.	John Burk, driver	Caught by car	Ankle bruised	Smoky Hollow C. Co., No. 10, Monroe
Oct. 11, 2:30 p. m.	John Ellsduk, timberman	Hit by coal	Hand bruised	Smoky Hollow C. Co., No. 19, Monroe
Oct. 22	F. Norman, timberman	Fell into a hole	Knee wrenched	Smoky Hollow C. Co., No. 10, Monroe
Oct. 12, 10:30 a. m.	Lewis Bettis, miner	Fall of slate	Hips bruised and 2 fingers broken	Rex Fuel Co., No. 5, Monroe
Oct. 15, 2:00 p. m.	Wm. Marie, driver	Run over by car	Hip fractured	Rex Fuel Co., No. 5, Monroe
Oct. 30	A. Abbasart, miner	Fall of slate	Right leg broken and arm skinned	Consolidation C. Co., No. 19, Monroe
Nov. 4, 11:00 a. m.	C. Mathews, timberman	Fall of slate	Back and hips bruised	Smoky Hollow C. Co., No. 11, Monroe
Nov. 16, 2:30 p. m.	S. Sprinkle, miner	Fall of slate	Right leg fractured	Gold Goose Coal & Min. Co., Marion
Nov. 17	Adolph Olsen, Co. man	Fall of slate	Left hand mashed	Consolidated C. Co., No. 19, Monroe
Nov. 15	Robert Wells, driver	Caught by car	Bruised testicle and left leg	Consolidated C. Co., No. 19, Monroe
Nov. 8	A. Carpenter, miner	Fall of slate	Cut scalp and bruised arm	Consolidated C. Co., No. 19, Monroe
Nov. 13, 1:00 p. m.	J. Catrenick, driver	Uncoupling cars	Index finger badly mashed	Maple Coal Co., No. 1, Monroe
Oct. 31, 9:30 a. m.	Geo. Korn, driver	Hooking tail chain	Index finger mashed	Maple Coal Co., No. 1, Monroe
Dec. 7, 8:00 a. m.	F. Sullintie, miner	Fall of coal	Two ribs fractured	Rex Fuel Co., No. 4, Monroe
Dec. 13	D. Harding, miner	Fall of slate	End of finger cut off	Smoky Hollow C. Co., No. 11, Monroe
Dec. 10, 2:00 p. m.	F. Frozner, miner	Fall of coal	Right leg injured	Rex Fuel Co., No. 4, Monroe
Dec. 24, 8:30 a. m.	Loni Reyrner, miner	Fall of coal	Leg broken above ankle	Rex Fuel Co., No. 4, Monroe
Dec. 7, 8:25 a. m.	Jonas Mable, driver	Caught in switch	Left foot injured	Des Moines Coal & Coke Co., Marion
Dec. 23, 2:00 p. m.	Geo. Lundén, coupler	Caught by trip	Collar bone broken	Sheriff Coal Co., Monroe

REPORT OF THE

Fatal		Serious	
1	0	1	1
2	1	1	1
3	1	1	1
4	1	1	1
5	1	1	1
6	1	1	1
7	1	1	1
8	1	1	1
9	1	1	1
10	1	1	1
11	1	1	1
12	1	1	1
13	1	1	1
14	1	1	1
15	1	1	1
16	1	1	1
17	1	1	1
18	1	1	1
19	1	1	1
20	1	1	1
21	1	1	1
22	1	1	1
23	1	1	1
24	1	1	1
25	1	1	1
26	1	1	1
27	1	1	1
28	1	1	1
29	1	1	1
30	1	1	1
Total	20	20	20

FATAL AND SERIOUS ACCIDENTS IN DISTRICT NO. 2
Classified by cause of accident and occupation of the injured.

STATE MINE INSPECTOR

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NON-FATAL ACCIDENTS—DISTRICT NO. 2

1921

Date and Time of Accident	Name of Person Injured and Occupation	Cause of Accident	Nature of Injury	By Whom Employed and County
Jan. 3,	E. H. Martin, miner	Fall of slate	Hand bruised	Consolidation C. Co., No. 19, Monroe
Jan. 4,	S. Garrington, driver	Car fell on foot	Broken instep	Smoky Hollow C. Co., No. 11, Monroe
Jan. 6, 9:00 a. m.	F. Baskson, miner	Fall of slate	Cut above left eye	Maple Coal Co., No. 1, Monroe
Jan. 10,	David Peart, coupler	Fell on empty trip	Bruised head and back	Consolidation C. Co., No. 18, Monroe
Jan. 7,	Ray Tribble, miner	Fall of coal	Left leg bruised	Consolidation C. Co., No. 18, Monroe
Jan. 11,	Archie Fatout, miner	Fall of slate	Broken pelvis	Consolidation C. Co., No. 18, Monroe
Jan. 20,	Lew Bryant, motorman	Short circuit on motor	Little finger on left hand burnt	Consolidation C. Co., No. 19, Monroe
Feb. 7,	Eddie Station, miner	Fall of slate	Arms and hips bruised	Consolidation C. Co., No. 18, Monroe
Feb. 8,	W. Hartgraves, coupler	Ran over by car	Smashed toes right foot	Pershing Coal Co., Marion
Feb. 10, 1:00 p. m.	Hartley Jackson, trapper	Struck by car	Legs injured	Rex Fuel Co., No. 4, Monroe
Feb. 18,	C. Johnson, miner	Fall of slate	Arms and shoulders bruised	Smoky Hollow C. Co., No. 10, Monroe
Feb. 21, 10:00 a. m.	G. Jones, miner	Fall of slate	Back bruised	Red Rock Coal Co., Marion
Feb. 30,	J. E. Price, timberman	Axe glanced	Second finger cut off left hand	Consolidation C. Co., No. 19, Monroe
Mar. 16, 11:00 a. m.	Ed. Richards, minemanager	Ran over by trip	Ribs fractured	Economy Coal Co., Mahaska
Apr. 19, 10:00 a. m.	Glen Crane, miner	Fall of slate	Left leg broken	Sheriff Coal Co., Monroe
Apr. 23, 10:00 a. m.	Booker Jones, miner	Stumbled over rock	Right leg fractured	Hoover Fuel Co., Monroe
May 16,	Tom Stoker, driver	Car jumped track	Foot bruised	Smoky Hollow C. Co., No. 10, Monroe
May 10, 10:00 a. m.	John Carey, miner	Fall of slate	Arm fractured at wrist	Maple Coal Co., No. 2, Monroe
June 9, 11:00 a. m.	Jomo Brison, driver	Car jumped track	Right foot injured	Rex Fuel Co., No. 4, Monroe
June 20, 10:30 a. m.	T. Bainsbridge, trip rider	Trip jumped track	Collar bone broken	Ramsay Coal Co., Wapello
June 22, 3:00 p. m.	C. Edmunds, driver	Car jumped track	Bone in foot fractured	Maple Coal Co., No. 2, Monroe
June 15, 9:30 a. m.	John Bellis, timberman	Caught in rope	Ankle injured	Maple Coal Co., No. 2, Monroe
June 16, 10:00 a. m.	C. Jackwelch, cager	Car jumped track	Bone in foot fractured	Maple Coal Co., No. 2, Monroe
June 30, 9:00 a. m.	Ellis Lawson, driver	Struck by car	Left hand injured	Equality Coal Co., Mahaska
July 22, 2:00 p. m.	F. Chambers, top man	Fell off R. R. cars	Right ankle and left wrist injured	Pershing Coal Co., Marion
July 15, 9:00 a. m.	N. Schmiddl, miner	Fall of slate	Right shoulder and ribs injured	Pershing Coal Co., Marion
Aug. 2,	W. Rowley, miner	Hit by subhur	Eye injured	Pershing Coal Co., Marion
Aug. 22,	H. G. James, miner	Fall of slate	Foot bruised	Smoky Hollow C. Co., No. 11, Monroe
Aug. 29, 8:30 a. m.	Oscar Holmes, trapper	Hit by roller	Bone fractured in right foot	Equality Coal Co., Mahaska
Sept. 2, 2:30 p. m.	Mike Budak, miner	Fall of slate	Bruised first finger on left hand	Des Moines Coal & Coke Co., Marion
Sept. 19, 1:00 p. m.	Chas. Miller, miner	Fall of slate	Ankle broken and face cut	Pershing Coal Co., Marion
Sept. 24, 2:00 p. m.	V. Rodzevict, timberman	Fall of slate	Two ribs fractured and face cut	Red Rock Coal Co., Marion
Oct. 1, 12:30 p. m.	Joe Pollitts, miner	Cut by coal	Hand cut causing an infection	Pershing Coal Co., Marion
Oct. 4, 10:30 a. m.	H. Jackson, trapper	Struck by tail rope	Left hand and left shoulder injured	Rex Fuel Co., No. 4, Monroe
Oct. 1, 2:00 p. m.	C. J. Freeman, miner	Fall of slate	Left leg injured	Rex Fuel Co., No. 4, Monroe
Oct. 7, 10:30 a. m.	Jas. Warrick, miner	Fall of slate	Fractured pelvis and left leg	Red Rock Coal Co., Marion
Oct. 19, 2:30 p. m.	L. O. Martin, driver	Kicked by mule	Neck fractured	Maple Coal Co., No. 2, Monroe
Oct. 1,	David Smith, driver	Fell under car	Leg bruised	Smoky Hollow C. Co., No. 10, Monroe
Dec. 27, 9:00 a. m.	Daniel Bertold, miner	Hit by rail	Rib on left side fractured	Red Rock Coal Co., Marion

FATAL AND SERIOUS ACCIDENTS IN DISTRICT NO. 2
 Classified by cause of accidents and occupation of the injured.
 1921

	Fatal				Serious										
	Miners	Cagers	Motormen	Total	Miners	Drivers	Timbermen	Trappers	Couplers	Motormen	Trip riders	Cagers	Top men	Mine Mngr.	Total
1. Fall of roof or coal at work- ing face.....	10			10	13										13
2. Mine runaways.....				1											1
3. Miscellaneous Motors: (a) Falling from cars or motors.....				1											1
(b) Run over by cars or motors.....				1											1
(c) Overrun stream cars or motors and 10.....				1											1
4. Miscellaneous Miscellaneous.....				1											1
5. Electricity: Short circuit on motors.....				1											1
6. Amputation: Crushed by mine car.....				1											1
7. Struck by flying coal, rock, etc.....				1											1
8. Hand tools—axes, bars, etc. Miscellaneous.....				1											1
Totals.....	11	1	1	13	13	3	2	1	1	1	1	1	1	1	20

LIST OF COAL COMPANIES, SUPERINTENDENTS, ETC., IN DISTRICT No. 3—Continued
 WAPELLO COUNTY.

Name of Company	Superintendent	Postoffice Address	Shaft or Slope	Plan of Working	How Ventilated	Power Used	Shipping or Local
Ramsay Coal Company.....	W. T. Ramsay.....	Ottumwa.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Local
Simpson Bros.-Howard Coal Co.....	W. Simpson.....	Ottumwa.....	Shaft.....	Room and Pillar.	Fan.....	Horse and Gin.....	Local
Union Coal Company.....	John Genocchio.....	Ottumwa.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Local
Rutledge Coal Company.....	Everett Erakine.....	Ottumwa.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Local
Howell Price Coal Company.....	Howell Price.....	Ottumwa.....	Shaft.....	Room and Pillar.	Fan.....	Horse and Gin.....	Local
Court Hill Coal Company.....	William Moses.....	Ottumwa.....	Shaft.....	Room and Pillar.	Fan.....	Horse and Gin.....	Local
Glendale Coal Company.....	John Whitten.....	Ottumwa.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Local
Matt Miers Coal Company.....	Matt Miers.....	Ottumwa.....	Shaft.....	Room and Pillar.	Fan.....	Horse and Gin.....	C., M. & St. P. Ry.
Charles Akers Coal Company.....	Charles Akers.....	Ottumwa.....	Slope.....	Longwall.....	Natural.....	Horse.....	Local
Wm. Haseltine & Son Coal Co.....	William Haseltine.....	Ottumwa.....	Shaft.....	Room and Pillar.	Fan.....	Horse and Gin.....	Local
Richard Reese Coal Company.....	Richard Reese.....	Ottumwa.....	Shaft.....	Room and Pillar.	Fan.....	Horse and Gin.....	Local
Iowa Mining Company.....	L. Wilson.....	Ottumwa.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Local
Valley Coal Company.....	Howell Price.....	Ottumwa.....	Shaft.....	Room and Pillar.	Fan.....	Horse and Gin.....	Local
Wickam Coal Company.....	Lew Wickam.....	Ottumwa.....	Shaft.....	Room and Pillar.	Fan.....	Horse and Gin.....	Local
Seigel-Smith Coal Company.....	J. Smith.....	Ottumwa.....	Shaft.....	Room and Pillar.	Fan.....	Horse and Gin.....	Local
J. M. Welsh Coal Company.....	J. M. Welsh.....	Ottumwa.....	Shaft.....	Longwall.....	Natural.....	Horse and Gin.....	Local
Geo. Simmer Coal Company.....	Geo. Simmer.....	Ottumwa.....	Slope.....	Longwall.....	Natural.....	Horse.....	Local
W. O. Donaldson Coal Company.....	W. O. Donaldson.....	Ottumwa.....	Slope.....	Longwall.....	Natural.....	Horse.....	Local
Gibbs Bros. Coal Company.....	Thos. Gibbs.....	Ottumwa R. F. D.	Room and Pillar.	Fan.....	Fan.....	Horse and Gin.....	Local
William Miers Coal Company.....	William Miers.....	Ottumwa R. F. D.	Slope.....	Room and Pillar.	Fan.....	Horse and Gin.....	Local
Glenn Bros. Coal Company.....	Elmer Glenn.....	Ottumwa R. F. D.	Shaft.....	Room and Pillar.	Natural.....	Horse.....	Local
H. H. Davis Coal Company.....	H. H. Davis.....	Ottumwa R. F. D.	Shaft.....	Room and Pillar.	Fan.....	Horse and Gin.....	Local
Speer Bros. Coal Company.....	John E. Speers.....	Ottumwa R. F. D.	Shaft.....	Room and Pillar.	Fan.....	Horse and Gin.....	Local

LIST OF COAL COMPANIES, SUPERINTENDENTS, ETC., IN SECOND DISTRICT—Continued

WAPELLO COUNTY—Continued.

Name of Company	Superintendent	Postoffice Address	Shaft or Slope	Plan of Working	How Ventilated	Power Used	Shipping or Local
Joe Genoehio Coal Company	Joe Genoehio	Ottumwa	Slope	Room and Pillar	Natural	Horse	Local
Swartz Coal Company	A. R. Swartz	Ottumwa	Slope	Room and Pillar	Natural	Horse	Local
Geo. Latham Coal Company	Geo. Latham	Ottumwa R. F. D.	Shaft	Room and Pillar	Natural	Horse and Gin	Local
R. E. Cooper Coal Company	R. E. Cooper	Ottumwa	Slope	Longwall	Natural	Horse	Local
Wapelo Coal Company	W. P. Jamieson	Eddyville	Slope	Room and Pillar	Furnace	Horse	Local
Wm. McIntosh Sr. Coal Company	Wm. McIntosh, Sr.	Eldon	Slope	Room and Pillar	Furnace	Horse	Local
Robert Appleby Coal Company	Robert Appleby	Eldon	Slope	Room and Pillar	Natural	Horse	C. & R. I. Ry.
Louis Kellar Coal Company	Louis Kellar	Eldon	Shaft	Room and Pillar	Fan	Horse and Gin	Local
W. J. Box Coal Company	W. J. Box	Eldon	Shaft	Room and Pillar	Natural	Horse and Gin	Local
G. W. Dean Coal Company	G. W. Dean	Eldon, R. F. D.	Slope	Room and Pillar	Natural	Horse	Local
Earl P. Henry Coal Company	Earl P. Henry	Eldon	Shaft	Room and Pillar	Natural	Horse and Gin	Local
Herb Orr Coal Company	Herb Orr	Eldon	Shaft	Room and Pillar	Natural	Horse and Gin	Local
Clarence Lambert Coal Company	Clarence Lambert	Eldon	Shaft	Room and Pillar	Natural	Horse and Gin	Local
Homer West Coal Company	Homer West	Eldon	Shaft	Room and Pillar	Natural	Horse and Gin	Local

KEOKUK COUNTY.

Big Four Coal Company	Edward Bell	What Cheer	Shaft	Room and Pillar	Jet	Steam	Local
Carson Bros. Coal Company	Thomas Carson	What Cheer	Slope	Room and Pillar	Natural	Horse	Local
Newcomb Bros. Coal Company	E. Newcomb	What Cheer	Shaft	Room and Pillar	Natural	Horse and Gin	Local
O. W. Olive Coal Company	O. W. Olive	Delta	Slope	Room and Pillar	Natural	Horse	Local

JEFFERSON COUNTY.

C. S. Hennes Coal Company	C. S. Hennes	Fairfield	Shaft	Room and Pillar	Natural	Gasoline	Local
W. F. Faulkner Coal Company	W. F. Faulkner	Fairfield	Slope	Longwall	Natural	Horse	Local
O. S. Sedgwick Coal Company	O. S. Sedgwick	Fairfield	Slope	Room and Pillar	Natural	Horse	Local
Joseph Voight Coal Company	Joseph Voight	Batavia	Slope	Room and Pillar	Natural	Horse	Local

MARION COUNTY.

Perishing Coal Company	James Duffy	Knoxville	Shaft	Room and Pillar	Fan	Steam	Wabash Ry.
Red Rock Coal Company	Charles Anderson	Melcher	Shaft	Room and Pillar	Fan	Steam	C. & R. I. Ry.
Cons. Indiana Coal Company	John Hall	Melcher	Shaft	Room and Pillar	Fan	Electricity	C. & R. I. Ry.
Black Diamond Coal Company	Edward Rowley	Dallas	Shaft	Room and Pillar	Fan	Steam	C. & R. I. Ry.
Melchug Coal Company	James Smith	Melcher	Slope	Room and Pillar	Fan	Steam	C. & R. I. Ry.
Des Moines Coal & Coke Company	William Abram	Knoxville	Shaft	Room and Pillar	Fan	Steam	C. & R. I. Ry.
Gold Goose Coal & Mining Co.	U. A. Morrow	Hamilton	Shaft	Room and Pillar	Fan	Horse and Gin	C. B. & Q. Ry.
George Anderson Coal Company	George Anderson	Knoxville	Shaft	Room and Pillar	Natural	Gin	Local
Honey Creek Coal Company	Phil Bishop	Knoxville, R. F. D.	Slope	Room and Pillar	Natural	Horse	Local
McKenzie & Geary Coal Co.	Jan. A. McKenzie	Harvey	Slope	Room and Pillar	Natural	Horse	Local
Alex Knox Coal Company	Alex Knox	Knoxville	Shaft	Room and Pillar	Fan	Steam	Local
Stewart Mulky Coal Company	Stewart Mulky	Knoxville, R. F. D.	Shaft	Room and Pillar	Fan	Horse and Gin	Local
Geo. L. Burt Coal Company	George L. Burt	Knoxville	Slope	Room and Pillar	Furnace	Horse and Gin	Local
Hays Bros. Coal Company	C. H. Hays	Knoxville, R. F. D.	Slope	Room and Pillar	Natural	Horse	Local
Mililand Coal Company	Wm. Greenland	Knoxville, R. F. D.	Slope	Room and Pillar	Furnace	Horse	Local
Perry Brown Coal Company	Perry Brown	Knoxville	Slope	Room and Pillar	Natural	Horse	Local
Des Camp Bros. Coal Company	Narcisse DesCamp	Flagler	Slope	Room and Pillar	Fan	Steam	Local
Capital City Coal Company	Andy Swanson	Cardova, R. F. D.	Shaft	Room and Pillar	Natural	Horse	Local
Success Coal Company	John J. Longdin	Otley	Slope	Room and Pillar	Fan	Steam	Wabash Ry.
Dunreath Coal Company	James McLaughlin	Cardova, R. F. D.	Shaft	Room and Pillar	Natural	Horse	Local
Stillwell & Dixon Coal Co.	Alva Stillwell	Malton	Slope	Room and Pillar	Natural	Horse	Local

LIST OF COAL COMPANIES, SUPERINTENDENTS, ETC., IN SECOND DISTRICT—Continued

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JASPER COUNTY.

Name of Company	Superintendent	Postoffice Address	Shaft or Slope	Plan of Working	How Ventilated	Power Used	Shipping or Local
Colfax Cons. Coal Co., No. 9....	John Pearson.....	Colfax	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Colfax & N. Ry.
Colfax Cons. Coal Co., No. 10....	John Pearson.....	Colfax	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Colfax & N. Ry.
Sunny Brook Coal Company.....	Walter Baron.....	Colfax	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Local
Newton Coal Company.....	U. G. Brown.....	Newton	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Local
Acme Coal Company.....	W. T. Doolittle.....	Prairie City.....	Slope.....	Room and Pillar.	Furnace.....	Horse.....	Local
William White Coal Company.....	William White.....	Prairie City.....	Slope.....	Room and Pillar.	Natural.....	Horse.....	Local

WARREN COUNTY.

Des Moines Ice & Fuel Co.....	John E. Jeffreys.....	Spring Hill.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	C. & R. I. Ry.
Oakdale Coal Company.....	Thomas Davis.....	Carlisle	Shaft.....	Room and Pillar.	Furnace.....	Horse and Gin.....	Local

MAHASKA COUNTY.

Equality Coal Company.....	W. C. Flynn.....	Buxton	Slope.....	Room and Pillar.	Fan.....	Steam.....	C. & N. W. Ry.
William Griffiths Coal Company.....	Wm. Griffiths.....	Oskaloosa	Slope.....	Room and Pillar.	Natural.....	Horse and Gin.....	Local
Beaver & Toy Coal Company.....	Doad Toy.....	Beacon	Slope.....	Room and Pillar.	Natural.....	Horse.....	Local
Griffiths & Lloyd Coal Company.....	Wm. Griffiths.....	Beacon	Slope.....	Room and Pillar.	Natural.....	Horse.....	Local
Larson Coal Company.....	A. G. Larson.....	Beacon	Slope.....	Room and Pillar.	Natural.....	Horse and Gin.....	Local
Rosser Davis Coal Company.....	Rosser Davis.....	Beacon	Slope.....	Room and Pillar.	Natural.....	Horse and Gin.....	Local
Jay Beadle Coal Company.....	Jay Beadle.....	Beacon	Slope.....	Room and Pillar.	Natural.....	Horse.....	Local
James Lawrence Coal Company.....	James Lawrence.....	Oskaloosa	Slope.....	Room and Pillar.	Natural.....	Horse and Gin.....	Local
Bloes & Gyttes Coal Company.....	G. A. Boles.....	Beacon	Slope.....	Room and Pillar.	Natural.....	Horse and Gin.....	Local
O'Brien & Evans Coal Company.....	P. O'Brien.....	Evans	Slope.....	Room and Pillar.	Natural.....	Horse.....	Local
Fisher Coal Company.....	H. Fisher.....	Evans	Slope.....	Room and Pillar.	Natural.....	Horse.....	Local
Edwards & Sons Coal Company.....	T. G. Edwards.....	Beacon	Slope.....	Room and Pillar.	Natural.....	Horse.....	Local

MAHASKA COUNTY—Continued.

Fedro Coal Company.....	Mike Fedro.....	Given, R. F. D.....	Slope.....	Room and Pillar.	Natural.....	Horse and Gin.....	Local
Hynick Coal Company.....	John Hynick.....	Given, R. F. D.....	Shaft.....	Room and Pillar.	Fan.....	Horse and Gin.....	Local
Dennis Wymore Coal Company.....	Dennis Wymore.....	New Sharon.....	Slope.....	Room and Pillar.	Furnace.....	Horse.....	Local
Williams Coal Company.....	F. P. Williams.....	What Cheer.....	Slope.....	Room and Pillar.	Natural.....	Horse.....	Local
Lee & Kuntz Coal Company.....	James Lee.....	What Cheer.....	Slope.....	Room and Pillar.	Fan.....	Horse and Gin.....	Local
Roberts Bros. Coal Company.....	J. Roberts.....	Oskaloosa	Shaft.....	Room and Pillar.	Fan.....	Horse and Gin.....	Local
Herbig Coal Company.....	Roy R. Herbig.....	Oskaloosa	Slope.....	Room and Pillar.	Jet.....	Steam.....	Local
Reese & Ellis Coal Company.....	D. Reese.....	Given, R. F. D.....	Slope.....	Room and Pillar.	Natural.....	Horse and Gin.....	Local
Douds & Seams Coal Company.....	Albert Doud.....	Oskaloosa	Slope.....	Room and Pillar.	Natural.....	Horse and Gin.....	Local
Snook & Sons Coal Company.....	J. Snook.....	Oskaloosa, Rt.....	Slope.....	Room and Pillar.	Natural.....	Horse and Gin.....	Local
Frehn & Coons Coal Company.....	Charles M. Coons.....	Oskaloosa	Slope.....	Room and Pillar.	Natural.....	Horse.....	Local
Nelson & Knight Coal Co.....	Boone Knight.....	Rose Hill.....	Slope.....	Room and Pillar.	Natural.....	Horse.....	Local
William Kramer Coal Company.....	William Kramer.....	Beacon	Slope.....	Room and Pillar.	Natural.....	Horse.....	Local

VAN BUREN COUNTY.

Daniels Coal Company.....	John Daniels.....	Douds	Shaft.....	Room and Pillar.	Furnace.....	Horse and Gin.....	Local
Douds Coal Company.....	S. Douds.....	Douds	Slope.....	Room and Pillar.	Furnace.....	Horse.....	Local
Cahill Coal Company.....	A. L. Cahill.....	Farmington	Shaft.....	Room and Pillar.	Natural.....	Horse and Gin.....	Local
B. F. Donrad Coal Company.....	B. F. Donrad.....	Mt. Zion, R. F. D.....	Slope.....	Room and Pillar.	Natural.....	Horse.....	Local
H. M. Kirby Coal Company.....	H. M. Kirby.....	Farmington	Slope.....	Room and Pillar.	Natural.....	Horse.....	Local
Hugh Findlay Coal Co.....	Hugh Findlay.....	Douds	Slope.....	Room and Pillar.	Natural.....	Horse and Gin.....	Local
James Tweedy Coal Company.....	James Tweedy.....	Douds	Shaft.....	Room and Pillar.	Natural.....	Horse and Gin.....	Local
Moses Tweedy Coal Company.....	Moses Tweedy.....	Fairfield	Shaft.....	Room and Pillar.	Natural.....	Horse and Gin.....	Local
Fletcher Coal Company.....	Clarence Fletcher.....	Stockport	Slope.....	Room and Pillar.	Natural.....	Horse.....	Local
Albert Gardner Coal Company.....	Albert Gardner.....	Bonaparte	Slope.....	Room and Pillar.	Natural.....	Horse.....	Local

REPORT OF THE

STATE MINE INSPECTOR

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LIST OF COAL COMPANIES, SUPERINTENDENTS, ETC., IN SECOND DISTRICT—Continued

MONROE COUNTY.

Name of Company	Superintendent	Postoffice Address	Shaft or Slope	Plan of Working	How Ventilated	Power Used	Shipping or Local
Consolidation Coal Co., No. 18.....	John Day.....	Buxton.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	C. & N. W. Ry.
Consolidation Coal Co., No. 19.....	John Day.....	Buxton.....	Shaft.....	Room and Pillar.	Fan.....	Electricity	C. & N. W. Ry.
Maple Coal Company, No. 1.....	F. O. Chapman.....	Eddyville, R. F. D.	Shaft.....	Room and Pillar.	Fan.....	Steam.....	C. & N. W. Ry.
Maple Coal Company, No. 2.....	Joseph Thomas.....	Lovilla, R. F. D.	Shaft.....	Room and Pillar.	Fan.....	Electricity	C. & N. W. Ry.
Rex Fuel Company, No. 4.....	James Horton.....	Lovilla.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	C. & N. W. Ry.
Rex Fuel Company, No. 5.....	John Canty.....	Hiteman, R. F. D.	Shaft.....	Room and Pillar.	Fan.....	Electricity	C. & N. W. Ry.
Sheriff Coal Company.....	Wm. Sullivan.....	Lovilla.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	C. & N. W. Ry.
Hoover Fuel Company.....	E. M. Baysoaf.....	Albia.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	C. & N. W. Ry.
Crescent Coal Company.....	Wm. Ross.....	Whiteburgh.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	C. & N. W. Ry.
Central Coal Company, No. 3.....	Ray Harris.....	Lockman.....	Slope.....	Room and Pillar.	Fan.....	Steam.....	M. & St. L. Ry.
Central Coal Company, No. 6.....	Ray Harris.....	Lockman.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	M. & St. L. Ry.
Smoky Hollow Coal Co., No. 10.....	William Jones.....	Hiteman.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	C. B. & Q. Ry.
Smoky Hollow Coal Co., No. 11.....	William Jones.....	Hiteman.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	C. B. & Q. Ry.
Mashak & Willard Coal Co.....	John Mashak.....	Lovilla.....	Shaft.....	Room and Pillar.	Fan.....	Horse and Gin.....	Local

BIENNIAL REPORT
OF THE
THIRD DISTRICT
EMBRACING
Polk, Dallas, Boone, Guthrie, Greene, Webster
and Story Counties.
EDWARD SWEENEY, Inspector

COAL PRODUCTION IN DISTRICT NO. 3

1920

County	Output of Mines in Tons				
	No. of Mines	Lump Coal	Run of Mine	Slack	Total
Polk.....	30	531,025	325,219	309,628	1,165,872
Dallas.....	5	255,079	2,698	138,531	445,679
Boone.....	5	204,618	65,683	44,726	315,427
Guthrie.....	2	2,802			2,802
Webster.....	1	1,092	38	496	1,626
Totals.....	33	1,027,587	396,538	513,381	1,934,506

1921

Polk.....	21	391,280	182,765	185,666	759,711
Dallas.....	6	229,219	8,445	88,016	335,740
Boone.....	8	139,353	49,793	26,517	215,663
Guthrie.....	3	1,800	2,682		4,482
Greene.....	2	240	2,025	30	2,805
Webster.....	1	664	51	51	766
Story.....	1		600		600
Totals.....	42	763,756	246,961	300,280	1,310,997

NUMBER OF EMPLOYES BY COUNTIES IN DISTRICT NO. 3

1920

Counties	Miners Loaders and Employed	Other Underground Employes	Surface Employes	Total Number of Employes
Polk.....	1,029	504	133	1,666
Dallas.....	413	188	66	667
Boone.....	320	142	47	509
Guthrie.....	17	3	3	23
Webster.....	14	2	4	20
Totals.....	1,793	838	273	2,904

1921

Polk.....	1,036	493	290	1,780
Dallas.....	466	208	71	745
Boone.....	375	136	59	561
Guthrie.....	24	1	3	28
Greene.....	19		1	20
Webster.....	4		2	6
Story.....	4			4
Totals.....	1,919	838	390	3,147

AVERAGE DAYS OF EMPLOYMENT BY COUNTIES IN DISTRICT NO. 3

1920

Counties	Miners and Loaders		Other Underground Employes		Surface Employes	
	Average Days in Shipping Mines	Average Days in Local Mines	Average Days in Shipping Mines	Average Days in Local Mines	Average Days in Shipping Mines	Average Days in Local Mines
Polk.....	264	178½	283	198½	272	211
Dallas.....	212	180¼	234½	187	232½	186½
Boone.....			164	138		197½
Guthrie.....			100	100		100
Webster.....						

1921

Polk.....	189	100	225	112	229½	116½
Dallas.....	174½	123½	214½	128½	209½	128½
Boone.....	171½	123½	186½	196	184	128½
Guthrie.....			207			233½
Greene.....			151			151
Webster.....			84			140
Story.....			200			200

EXPLOSIVES, MINING MACHINES, HORSES AND MULES USED IN THE MINES OF DISTRICT NO. 3

1920

Counties	Kegs of Powder	Pounds of Dynamite	Pounds of Permissible Explosives	Mining Machines	Horses and Mules
Polk.....	46,876	109,473	37,175	20	140
Dallas.....	28,300	31,929			50
Boone.....	11,889	4,413		2	39
Guthrie.....	4				1
Webster.....	145	100			140
Totals.....	87,274	145,928	37,175	22	281

1921

Polk.....	33,269	84,659	21,679	24	137
Dallas.....	39,776	6,675			54
Boone.....	6,141	6,779		1	32
Guthrie.....	4	25			
Greene.....	3				1
Webster.....	83				1
Story.....	30	39			
Totals.....	60,396	97,540	21,679	25	234

LOSS OF TIME BECAUSE OF STRIKES, LACK OF RAILROAD CARS OR SALES, ETC., IN DISTRICT NO. 3

County	Days mines were closed down because of strikes or disagreements	Estimate of loss of production in tons because of strikes or disagreements	Days mines were idle for lack of railroad cars	Estimate of loss of production in tons because of lack of railroad cars	Days mines were idle for lack of orders or sales	Estimate of tons mines would produce on days idle for lack of orders or sales
Polk	46	10,279	55	8,295	491	64,750
Dallas	14	6,281	39	9,434	11	1,484
Boone	40	12,500	8	5,505	140	1,948
Greene	180	1,000	1	80	80	80
Webster	180	1,000	1	80	80	80
Total	99	29,067	63	21,915	615	72,079

County	Sold to local trade, not shipped	Shipped to points within the State	Shipped to points outside the state	Sold to railroad companies	Used at mines for mine purposes	Totals
Polk	18	8,289	1	359	1,717	11,804
Dallas	39	1,850	24	9,795	401	13,249
Boone	30	4,000	21	9,865	666	20,881
Greene	132	1,000	132	1,000	132	1,000
Webster	132	1,000	132	1,000	132	1,000
Story	132	1,000	132	1,000	132	1,000
Total	138	9,039	46	30,010	2,924	723,914

DISTRIBUTION OF COAL PRODUCED IN DISTRICT NO. 3

County	Sold to local trade, not shipped	Shipped to points within the State	Shipped to points outside the state	Sold to railroad companies	Used at mines for mine purposes	Totals
Polk	284,012	612,098	6,439	394,784	21,252	1,303,675
Dallas	70,866	292,025	10,539	1,018,679	6,472	1,498,679
Boone	36,470	100,288	1,922	10,846	5,471	148,077
Greene	5,785	806	1,922	1,000	17	2,905
Webster	5,785	806	1,922	1,000	17	2,905
Story	5,785	806	1,922	1,000	17	2,905
Total	325,729	1,095,897	18,971	437,112	33,791	1,997,310

FATAL ACCIDENTS—DISTRICT NO. 3

Date and Hour of Accident	Name, Age, Nativity and Occupation	Married or Single	Number of Children	Cause of Death	Employing Company and County
1920					
Jan. 7, 2:00 p. m.	John Shultz, 72, German, miner	Married	1	Fall of slate	West Side Coal Co., Polk
Jan. 22, 3:40 p. m.	Louis Swanson, 43, Swede, miner	Married	2	Fall of slate	Saylor Coal Co. No. 2, Polk
Mar. 9, 1:00 p. m.	Harry Arnold, 30, American, miner	Married	1	Fall of slate	Maple Block Coal Co. No. 2, Polk
Mar. 23, 3:30 p. m.	John Nesbitt, 27, American, driver	Married	3	Caught between load and crossbar	Norwood-White Coal Co. No. 3, Polk
Mar. 30, 11:00 a. m.	Pete Jackinsch, 31, Croatian, miner	Single	1	Fall of slate	Norwood-White Coal Co. No. 7, Dallas
Apr. 22, 11:00 p. m.	Victor Johnson, 46, Swede, miner	Widower	1	Fall of slate	Bloomfield Coal & Mining Co., Polk
May 3, 9:30 a. m.	W. R. Drew, 56, Negro, blacksmith	Widower	1	Pell down shaft	Keystone Coal Mining Co. No. 1, Polk
July 20, 2:20 p. m.	Chas. Miller, 51, American, miner	Married	2	Fall of slate	Keystone Coal Co., Greene
Sept. 10, 11:00 a. m.	John Wharton, 45, American, miner	Married	2	Fall of slate	Scandia Coal Co. No. 4, Boone
1921					
May 7, 8:30 a. m.	James Downsg, 41, English, miner	Married	3	Fall of slate	Norwood-White Coal Co. No. 3, Polk
Sept. 5, 3:30 p. m.	Andrew Simpson, 18, American, miner	Single	1	Fall of slate	Boone Coal Co. No. 1, Boone
Oct. 27, Unknown	John Chinchotti, 44, Italian, miner	Single	1	Fall of slate	Dallas Coal Co., Dallas
Oct. 24, 9:45 a. m.	Carl Jeanick, 39, German, driver	Single	1	Kicked by mule	Wright Coal Co., Polk

NON FATAL ACCIDENTS—DISTRICT NO. 3

1920

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REPORT OF THE

STATE MINE INSPECTOR

47

Date and Hour of Accident	Name and Occupation	Cause of Accident	Nature of Injury	Employing Company and County
Jan.				
3, 6:45 p. m.	James Wilson, driver	Kicked by mule	Cut under chin	Seandia Coal Co., No. 2, Dallas
6, 2:30 p. m.	Jimkin Proberts, driver	Squeezed by mule	Squeeze	West Side Coal Co., Polk
7, 2:00 p. m.	John Schultz, miner	Fall of slate	Broken femur	West Side Coal Co., Polk
7, 9:00 a. m.	E. F. Hicks, miner	Winding coal	Bruised hand	Saylor Coal Co., No. 2, Polk
13, 12:00 m.	Joe Santi, miner	Fall of slate	Back and face bruised	Seandia Coal Co., No. 2, Dallas
16, 3:45 p. m.	John Roff, machine runner	Machine jumped	Hand squeezed	West Side Coal Co., Polk
19, 8:35 a. m.	John Gooper, timberman	Falling timber	Contusion of back	Dallas Coal Co., Dallas
19, 8:15 a. m.	H. Wastner, miner	Fall of slate	Fractured leg	Norwood-White Coal Co., No. 3, Polk
19, 11:00 a. m.	Carl Fredrickson, motorman		Finger smashed	Keystone Coal Co., Polk
20, 3:30 p. m.	I. J. Harless, miner	Caught by car	Hips crushed	Norwood-White Coal Co., No. 7, Dallas
29, 8:30 a. m.	Lee J. Ragsdale, miner	Fall of slate	Dislocated hip	Dallas Coal Co., Dallas
29, 12:30 p. m.	Angelo Mezzoni, miner	Flying coal	Bruised eye	Dallas Coal Co., Dallas
30, 3:50 p. m.	Guido Bazetti, driver	Kicked by mule	Cut under chin	Dallas Coal Co., Dallas
Feb.				
9, 10:30 a. m.	Tom Mackie, cager	Car off track	Bruised finger	Saylor Coal Co., No. 2, Polk
17, 2:30 p. m.	Charles King, miner	Fall of slate	Fractured rib	Maple Block Coal Co., No. 2, Polk
26, 3:00 p. m.	Bliss Correa, miner	Flying sulphur	Sulphur in eye	Seandia Coal Co., No. 5, Dallas
28, 3:00 p. m.	L. Millard, top man	Fell off car	Head bruised	Norwood-White Coal Co., No. 6, Polk
Mar.				
13, 8:00 p. m.	John Pearson, miner	Loading coal	Tore ligaments	Saylor Coal Co., No. 2, Polk
15, 8:30 a. m.	Nick Ferre, miner	Fall of coal	Hand bruised	Saylor Coal Co., No. 2, Polk
16, 10:00 a. m.	John Mihalovich, timberman	Fall of slate	Shoulder bruised	Saylor Coal Co., No. 2, Polk
26, 8:15 a. m.	John Sorenson, miner	Fall of slate	Hip bruised	Bennett Bros. Coal Co., Polk
26, 12:30 p. m.	C. Cunningham, top man	Colliding cars	Crushed finger	Norwood-White Coal Co., No. 3, Polk
30, 11:15 a. m.	Pete Jachinac, miner	Fall of slate	Back bruised	Norwood-White Coal Co., No. 7, Dallas
April				
6, 3:00 p. m.	John Quigley, miner		Sulphur in eye	Norwood-White Coal Co., No. 7, Dallas
12, 2:30 p. m.	F. Mayer, miner	Finger caught	Abscess finger	Norwood-White Coal Co., No. 3, Polk
13, 11:15 a. m.	Emmett Wood, miner	Fall of rock	Leg lacerated	Keystone Coal Co., Polk
18, 4:15 p. m.	A. Krivan, driver	Mule jerked	Seriated ankle	Wright Coal Co., Polk
16, 5:00 p. m.	Sam Mays, shot firer	Mistaken	Two ribs broken	Wright Coal Co., Polk
25, 2:00 p. m.	Samuel Fillman, miner	Shoveling coal	Bruised elbow	Maple Block Coal Co., No. 2, Polk
25, 4:00 p. m.	Frank Treco, miner	False signal	Ankle fracture	South Des Moines Coal Co., Polk
27, 4:00 p. m.	James McAnneh, entry man		Nail in hand	South Des Moines Coal Co., Polk
May				
1, 10:30 a. m.	Pete Judak, miner	Fall of slate	Foot mashed	Saylor Coal Co., No. 2, Polk
3, 1:30 p. m.	A. Geoprudi, miner	Fall of slate	Head cut	Wright Coal Co., Polk
4, 8:30 a. m.	Doma Cuchi, miner	Lifting bottom	Back wrenched	Saylor Coal Co., No. 2, Polk
14, 8:00 p. m.	Mike Kasevich, miner	Fall of coal	Finger lacerated	High Bridge Coal Co., Dallas
14, 10:00 a. m.	Baxter Allen, miner		Sulphur in eye	Norwood-White Coal Co., No. 7, Dallas
17, 4:30 p. m.	Ernest Gough, machine m. m.	Fall of slate	Broken foot	Keystone Coal Co., Polk
17, 4:30 p. m.	Wm. Chocolate, miner	Fall of slate	Two ribs broken	Seandia Coal Co., No. 2, Dallas
19, 1:30 p. m.	Archie Idovovich, miner	Fall of slate	Finger injured	Seandia Coal Co., No. 2, Dallas
21, 2:30 p. m.	S. Ugelani, laborer	Fall of slate	Cracked bone	Wright Coal Co., Polk
24, 1:15 p. m.	R. Marcolini, miner	Mule started	Bruised finger	Saylor Coal Co., No. 2, Polk
June				
1, 9:00 a. m.	Masseno Cerriti, miner	On knees	Water in knee	Saylor Coal Co., No. 2, Polk
12, 9:00 a. m.	Joe Gallari, miner	Scratch on knee	Infection	High Bridge Coal Co., Dallas
15, 9:00 a. m.	A. Malone, cager	Mine car	Bruised finger	Saylor Coal Co., No. 2, Polk
21, 9:15 a. m.	Louis Cervetti, miner	Fall of coal	Finger amputated	High Bridge Coal Co., Dallas
23, 2:00 p. m.	Joe Righi, miner	Flying coal	Eye injured	Wright Coal Co., Polk
25, 11:00 a. m.	John Sumner, driver	Falling timber	Fractured cheek bone	Norwood-White Coal Co., No. 7, Dallas
25, 10:30 a. m.	C. Carzoli, driver	Kicked by mule	Nose broken	Norwood-White Coal Co., No. 7, Dallas
28, 8:30 a. m.	Ike Jeffries, driver	Kicked by mule	Two ribs fractured	Maple Block Coal Co., No. 2, Polk
July				
6, 11:30 a. m.	Lafe Hendricks, miner	Fall of slate	Bruised back	Saylor Coal Co., No. 2, Polk
7, 1:30 p. m.	Frank Carron, driver	Ran into empty	Knee bruised	High Bridge Coal Co., Dallas
9, 2:00 p. m.	John Lindblom, engineer	Fan	Finger amputated	High Bridge Coal Co., Dallas
9, 2:00 p. m.	Andy Massarini, miner	Pushing car	Bruised knee	Saylor Coal Co., No. 2, Polk
9, 2:00 p. m.	Z. Pozzi, miner	Machine auger	Cut finger	Saylor Coal Co., No. 2, Polk
17, 11:00 a. m.	J. F. Allen, miner	Lifting car	Finger broken	Norwood-White Coal Co., No. 7, Dallas
27, 9:00 a. m.	M. Kouchar, company man	Car off track	Side and ribs hurt	Seandia Coal Co., No. 2, Dallas
31, 10:30 a. m.	M. Merrine, driver	Caught by car	Three ribs broken	Norwood-White Coal Co., No. 7, Dallas
Aug.				
5, 10:00 a. m.	John Bell, pitboss	Wrench slipped	Forehead bruised	Norwood-White Coal Co., No. 7, Dallas
12, 10:00 a. m.	E. Miles, miner	Breaking slate	Hand bruised, infected	Norwood-White Coal Co., No. 6, Polk
13, 10:30 a. m.	Louie Blarynek, miner	Fall of coal	Bruised leg	Saylor Coal Co., No. 2, Polk
13, 10:30 a. m.	Vance Massarini, timberman	Fall of slate	Bruised leg	Saylor Coal Co., No. 2, Polk
14, 8:30 a. m.	Grant White, miner	Fall of coal	Nose and lip cut	Norwood-White Coal Co., No. 7, Dallas
30, 8:30 a. m.	Arthur Eaves, driver	Mule fell	Knee and head bruised	Saylor Coal Co., No. 2, Polk
Sept.				
2, 8:30 p. m.	Charles Allen, miner	Timber fell	Shoulder strained	Norwood-White Coal Co., No. 7, Dallas
7, 1:15 p. m.	Mike Konechar, topman	Fall of slate	Bruised foot	Seandia Coal Co., No. 2, Dallas
8, 9:00 a. m.	Tony Abramovich, timberman	Fall of slate	Hips, back bruised	Wright Coal Co., Polk
13, 9:00 a. m.	Louis Massaglini, miner	Fall of slate	Side strained	Seandia Coal Co., No. 2, Dallas
13, 10:00 a. m.	Thomas Smith, miner	Fall of slate	Side strained	Seandia Coal Co., No. 2, Dallas
13, 9:00 a. m.	W. Taylor, driver	Lifting car	Rib broken	Seandia Coal Co., No. 2, Dallas
28, 11:30 a. m.	John Bertogli, miner	Mule pushed	Bone in hand broken	Wright Coal Co., Polk
28, 3:30 p. m.	Frank Duneski, miner	Cap exploded	Finger gone	Keystone Coal Co., Polk

NON-FATAL ACCIDENTS—DISTRICT NO 3—Continued

1920

Date and Hour of Accident	Name and Occupation	Cause of Accident	Nature of Injury	Employing Company and County
Oct.				
6, 2:00 p. m.	C. W. Techner, chunker	Fall of coal	Foot broken	High Bridge Coal Co., Dallas
6, 1:30 p. m.	B. Hoskins, miner	Hit by car	Head injured	South Des Moines Coal Co., Polk
7, 9:45 p. m.	Domnie Fontani, miner	Lifting rock	Back wrenched	Wright Coal Co., Polk
	Manuel Manzaraz, miner	Fall of slate	Broken hip	Wright Coal Co., Polk
12, 9:30 a. m.	A. Abramo, topman	Gob car	Ribs injured	Wright Coal Co., Polk
13, 10:45 a. m.	O. Gualandi, driver	Mule started	Infected finger	Wright Coal Co., Polk
14, 8:30 a. m.	Joe Buscaloni, timberman	Falling timber	Thumb bruised	Scandia Coal Co., No. 2, Dallas
26, 11:00 p. m.	Joe Raspori, timberman	Falling timber	Side bruised	Sgrwood-White Coal Co., No. 7, Dallas
29, 4:00 p. m.	H. K. Butler, dirtman	Mule started	Testicles bruised	Norwood-White Coal Co., No. 7, Dallas
Nov.				
2, 12:30 p. m.	Joe Magnini, miner	Fall of slate	Finger bruised	Saylor Coal Co., No. 2, Polk
4, 10:00 a. m.	L. Fachini, miner	Fall of coal	Bruised hand	Scandia Coal Co., No. 2, Dallas
8, 9:00 a. m.	Joe Morris, driver	Mule kicked	Leg broken	Saylor Coal Co., No. 2, Polk
8, 11:00 a. m.	George Chipchase, dumper	Door fell	Fingers injured	Bennett Bros. Coal Co., Polk
10,	James Sublon, driver	Blocking car	Mashed fingers	Des Moines Coal Co., No. 3, Polk
15, 9:30 a. m.	Taylor Benfer, driver	Harness broke	Arm bruised	Norwood-White Coal Co., No. 7, Dallas
24, 9:00 a. m.	Mack Griffithen, driver	Door fell	Hand cut	Norwood-White Coal Co., No. 7, Dallas
Dec.				
3,	Harry Epps, machine runner	Fall of slate	Bruised hand	Des Moines Coal Co., No. 3, Polk
6, 3:30 p. m.	L. L. Martin, miner	Pell	Bruised back	Wright Coal Co., Polk
7, 7:30 a. m.	L. Vignaroli, miner	Drilling	Ulcerated eye	Norwood-White Coal Co., No. 6, Polk
10, 3:00 p. m.	Joel Bethel, miner	Flying coal	Bruised head	Wright Coal Co., Polk
18, 1:30 p. m.	E. Fletcher, miner	Fall of slate	Bruised back	Saylor Coal Co., No. 2, Polk
21, 8:00 a. m.	B. J. Harper, trimmer	Flying coal	Hand broke	Sam McClure Coal Co., Webster
22, 1:30 p. m.	Sam Gintor, miner	Falling coal	Lacerated toe	Wright Coal Co., Polk
24, 2:30 p. m.	D. T. Mosley, miner	Shooting	Hurt finger	Norwood-White Coal Co., No. 3, Polk
31, 3:00 p. m.	Joe Maskey, blacksmith	Slipped	Ruptured ligaments	Norwood-White Coal Co., No. 6, Polk
31, 10:30 a. m.	Louis Bogi, miner	Fall of slate	Leg bruised	Saylor Coal Co., No. 2, Polk

REPORT OF THE

FATAL AND SERIOUS ACCIDENTS IN DISTRICT NO. 3
Classified by cause of accident and occupation of injured.

1920

Causes	Fatal				Serious								Totals				
	Miners	Drivers	Blacksmith	Total	Miners	Drivers	Motorshop	Timbermen	Machine men	Top men	Cagers	Shooters		Entrymen	Engineers	Foemen	
1. Falls of roof (rock, slate, etc.):																	
In room or chamber				16					1								17
On road, entry or gangway				12					1								13
2. Falls of face or pillar coal			1	1						1	1						3
3. Mine cars and locomotives:																	
Falling from trips					4	1					1						6
Run over by car or motor					2	1				1							4
Caught between car and rib					7	1				1	2		1				11
Miscellaneous					1												1
4. Explosives: Cap explosion					1					1							2
5. Animals: Squeezed by ribs					1	1											2
6. Falling timber					1												1
Hand tools, axes, bars, etc					5	1		1	1	1		1					11
Miscellaneous					2										1	1	4
7. Machinery					1												1
8. Other causes																	
Totals	7	1	1	9	35	16	1	6	4	7	4	1	1	1	1	1	97

STATE MINE INSPECTOR

NON-FATAL ACCIDENTS—DISTRICT NO. 3

1921

50

REPORT OF THE

STATE MINE INSPECTION

51

Date and Hour of Accident	Name and Occupation	Cause of Accident	Nature of Injury	Employing Company and County
Jan. 9, 2:00 p. m.	L. Vignaroli, miner	Flying coal	Eye injured	Norwood-White Coal Co., No. 6, Polk
Jan. 24, 7:30 a. m.	Henry Dalton, motorman	Car jumped track	Fractured pubic bone	Norwood-White Coal Co., No. 3, Polk
Jan. 25, 3:30 p. m.	Baxter Allen, miner	Flying coal	Eye cut	Norwood-White Coal Co., No. 7, Dallas
Feb. 2, 11:00 a. m.	Z. Pozzi, miner	Fall of slate	Back hurt	Saylor Coal Co., No. 3, Polk
Feb. 2, 10:00 a. m.	A. Glenn, miner	Fall of slate	Back bruised	Seandia Coal Co., No. 2, Dallas
Feb. 5,	Tom McClelland, miner	Lifting car	Sprained back	Seandia Coal Co., No. 2, Dallas
Feb. 8, 3:30 p. m.	J. W. Smiley, miner	Falling coal	Leg hurt	Saylor Coal Co., No. 2, Polk
Feb. 13, 2:00 p. m.	A. Pedretti, miner	Hit by pick handle	Infected finger	Seandia Coal Co., No. 2, Dallas
Feb. 15, 10:30 a. m.	Henry Davis, miner	Fall of slate	Leg bruised	Wright Coal Co., Polk
Feb. 16, 10:30 a. m.	James Stewart, miner	Fall of coal	Leg hurt	Seandia Coal Co., No. 2, Dallas
Feb. 17, 8:30 a. m.	Chas. Franceses, miner	Hit by car	Rib broke	High Bridge Coal Co., Dallas
Feb. 21, 9:00 a. m.	L. Romani, blacksmith	Buzz saw	Lost two fingers and thumb	Norwood-White Coal Co., No. 7, Dallas
Feb. 24, 3:00 p. m.	B. Vignavich, miner	Fall of slate	Bruised back and pelvis	Norwood-White Coal Co., No. 6, Polk
Feb. 25, 1:30 p. m.	Fred Stephanl, miner	Flying coal	Eye injured	Wright Coal Co., No. 2, Polk
Mar. 4, 11:00 a. m.	Philip Lusk, miner	Fall of slate	Bruised foot	Saylor Coal Co., No. 2, Polk
Mar. 9, 8:30 a. m.	Edward Clayborn, driver	Under car	Chest bruised	Keystone Coal Co., Polk
Mar. 10, 7:30 a. m.	John Dakovich, miner	Fall of slate	Bruised toe, infected	Norwood-White Coal Co., No. 6, Polk
Mar. 15, 8:45 a. m.	Jim Rogers, driver	Hand in block	Finger lacerated	Wright Coal Co., Polk
Mar. 17, 10:00 a. m.	Wm. Kerp, miner	Slipped	Thumb bruised	Norwood-White Coal Co., No. 7, Dallas
Mar. 25,	J. R. Brown, company man	Unloading dirt	Possible rupture	Norwood-White Coal Co., No. 3, Polk
Mar. 27, 3:30 p. m.	Sam Grylls, miner	Blood vessel bursted	Partial paralysis	Norwood-White Coal Co., No. 8, Polk
Mar. 28, 11:00 a. m.	Kenneth Rowley, company man	Pipe dropped	Finger mashed	Norwood-White Coal Co., No. 7, Dallas
Apr. 13, 11:00 a. m.	Charles Wier, miner	Fall of coal	Bruised arm and leg	Wright Coal Co., Polk
Apr. 18, 3:30 p. m.	Louis Casson, miner	Caught by car	Elbow bruised	Norwood-White Coal Co., No. 7, Dallas
Apr. 21, 9:30 a. m.	John Herselins, miner	Fall of slate	Ribs broken	Maple Block Coal Co., No. 2, Polk
Apr. 22, 7:30 a. m.	Frank Flynn, miner	Fall of slate	Ribs broken	Urbandale Coal Co., Polk
Apr. 22, 11:00 a. m.	Eugene Barbee, driver	Kicked by mule	Rib broken	Norwood-White Coal Co., No. 7, Dallas
Apr. 25, 11:30 a. m.	Louis Falero, miner	Fall of coal	Mashed finger	Saylor Coal Co., No. 2, Polk
Apr. 25, 9:30 a. m.	Freino Rosse, timberman	Axe glanced	Cut knee cap	Saylor Coal Co., No. 2, Polk
Apr. 30, 3:00 p. m.	Chas. W. Landers, topman	Struck by sledge	Finger amputated	Norwood-White Coal Co., No. 6, Polk
May 2, 4:00 p. m.	John Pearson, miner	Hit electric wire	Face burned	Saylor Coal Co., No. 2, Polk
May 9, 11:00 a. m.	Tonu Bianchi, miner	Caught by car	Bruised foot	Saylor Coal Co., No. 3, Polk
June 6, 3:30 p. m.	Tony Turk, miner	Runaway car	Bruised leg	Wright Coal Co., Polk
June 9, 3:00 p. m.	Henry Quigley, driver	Caught by cars	Shoulders mashed	Norwood-White Coal Co., No. 7, Dallas
June 24, 10:00 a. m.	Dave Utterson, miner	Fall of slate	Finger broken	Norwood-White Coal Co., No. 7, Dallas
June 25, 2:00 p. m.	John Manfredono, dirtman	Dropped slate	Toe bruised	Norwood-White Coal Co., No. 7, Dallas
July 13, 3:00 p. m.	Charles Pie, timberman	Ax glanced	Leg cut	Norwood-White Coal Co., No. 7, Dallas
July 16, 7:35 a. m.	A. Palmari, miner	Motor bumped	Bruised nose	Wright Coal Co., Polk
July 18, 9:00 a. m.	William Hill, miner	Fall of slate	Thumb bruised	Wright Coal Co., Polk
July 21, 1:30 p. m.	Guido Derzoni, miner	Fall of slate	Three fingers gone	Saylor Coal Co., No. 2, Polk
July 29, 9:00 a. m.	A. Compo, miner	Fall of slate	Shoulder bruised	Norwood-White Coal Co., No. 7, Dallas
Aug. 1, 11:00 a. m.	E. Vigaroli, driver	Caught by car	Finger mashed	Norwood-White Coal Co., No. 7, Dallas
Aug. 8, 10:00 a. m.	Joe Casting, miner	Fell on car	Rib cracked	High Bridge Coal Co., Dallas
Aug. 10, 10:30 a. m.	Gus Carlson, miner	Fall of coal	Hand cut	Saylor Coal Co., No. 2, Polk
Aug. 20, 3:00 p. m.	H. Buttram, miner	Falling timber	Back bruised	Norwood-White Coal Co., No. 7, Dallas
Aug. 24, 11:30 a. m.	William Davis, miner	Fall of coal	Leg hurt	Saylor Coal Co., No. 2, Polk
Aug. 25, 10:00 a. m.	Cesare Cavliatti, miner	Fall of coal	Broken toe	Wright Coal Co., Polk
Aug. 26, 9:30 a. m.	George Watson, miner	Fall of slate	Hand infected	High Bridge Coal Co., Dallas
Aug. 27, 10:00 a. m.	Alec Lee, miner	Fall of coal	Bruised leg	Saylor Coal Co., No. 2, Polk
Aug. 27, 11:00 a. m.	John Melosovich, miner	Fall of slate	Mashed foot	Saylor Coal Co., No. 2, Polk
Aug. 31, 1:30 p. m.	Daniel Toy, miner	Pushing car	Ruptured side	Wright Coal Co., Polk
Sept. 1, 10:00 a. m.	A. Zanni, miner	Fall of slate	Hip bruised	Norwood-White Coal Co., No. 7, Dallas
Sept. 7, 10:30 a. m.	A. Ronki, miner	Fall of slate	Hand bruised	Saylor Coal Co., No. 2, Polk
Sept. 8, 2:00 p. m.	Emil Orinch, driver	Kicked by mule	Ribs broken	Norwood White Coal Co., No. 7, Dallas
Sept. 12, 9:30 a. m.	Sten Griffith, driver	Collision	Bruised thighs	Norwood-White Coal Co., No. 3, Dallas
Sept. 23, 10:15 a. m.	Ben Nordlin, miner	Fall of slate	Back hurt	Seandia Coal Co., No. 2, Dallas
Oct. 6, 11:30 a. m.	Gus Swanson, miner	Fell of slate	Ankle bruised	Seandia Coal Co., No. 2, Dallas
Oct. 11, 3:00 p. m.	John Dokovich, miner	Fall of slate	Infected finger	Norwood-White Coal Co., No. 6, Polk
Oct. 12, 9:00 a. m.	I. Price, miner	Fall of coal	Wrenched leg	Wright Coal Co., Polk
Oct. 24, 9:15 a. m.	Carl Jenick, driver	Fall of coal	Fractured skull	Wright Coal Co., Polk
Oct. 24, 9:00 a. m.	Mike Ziondlich, miner	Kicked by mule	Breast bruised	Norwood-White Coal Co., No. 7, Dallas
Nov. 14, 8:00 a. m.	Wm. Burrell, miner	Fall of slate	Leg and foot bruised	Saylor Coal Co., No. 2, Polk
Nov. 16, 6:00 p. m.	R. J. Shawham, asst. engineer	Auto accident	Ribs broken	Norwood-White Coal Co., No. 6, Polk
Nov. 16, 11:00 a. m.	Tony Balladno, miner	Lifting coal	Hernia	Norwood-White Coal Co., No. 6, Polk
Nov. 19, 4:00 p. m.	G. Glanica, miner	Mule kicked	Bruised hand	Saylor Coal Co., No. 2, Polk
Nov. 21, 9:00 a. m.	John Melosovich, miner	Fall of coal	Bruised hand	Saylor Coal Co., No. 2, Polk
Nov. 29, 11:55 a. m.	G. Gessna, miner	Fall of slate	Cut face	Saylor Coal Co., No. 3, Polk
Dec. 9, 9:15 a. m.	Ray Crawford, machine helper	Fall of slate	Fractured vertebra	Norwood-White Coal Co., No. 3, Polk
Dec. 10, 11:00 a. m.	George Hortex, miner	Fall of slate	Fractured leg	Norwood-White Coal Co., No. 3, Polk
Dec. 13, 10:00 a. m.	Emmett Savage, miner	Fall of slate	Hip bruised	Keystone Coal Co., Polk
Dec. 30, 9:30 a. m.	Martin Vandermeullin, machine helper	Fall of slate	Hip bruised	Keystone Coal Co., Polk
Dec. 30, 3:00 p. m.	E. Logli, miner	Fall of slate	Hip bruised	Keystone Coal Co., Polk

FATAL AND SERIOUS ACCIDENTS IN DISTRICT NO. 3
Classified by cause of accident and occupation of the injured

1921

Causes	Fatal			Serious								Totals	
	Miners	Drivers	Totals	Miners	Drivers	Motormen	Blacksmith	Company men	Timbermen	Topmen	Engineers		Machine helpers
1. Falls of coal (rock, slate, etc.)													
In room or chamber.....	1		1	18								1	19
On road, entry or gangway.....	1		1	5								1	6
2. Falls of face or pillar coal.....	1		1	9									10
Mine cars and locomotives:													
Coupling cars.....				1									1
Falling off trips.....				1									2
Run over by car or motor.....				1	1								4
Caught between car and rib.....				5									5
Miscellaneous.....				2									4
3. Electricity: Miscellaneous.....				2									2
4. Explosions: Drilling old holes.....				1									1
5. Animals: Kicked by mules.....	1	1		2									3
6. Falling or flying coal.....				6									6
Falling timber.....				2									2
Hand tools, axes, bars, etc.....				1									1
Miscellaneous.....				3									3
Totals.....	3	1	4	52	8	1	1	3	2	1	1	2	71

LIST OF COAL COMPANIES, SUPERINTENDENTS, ETC., IN DISTRICT NO. 3
BOONE COUNTY.

Name of Company	Superintendent	Postoffice	Shaft or Slope	Plan of Working	How Ventilated	Power Used	Shipping or Local
Boone Coal Company.....	Geo. Heaps, Jr.	Folk Bldg, Des Moines	Shaft.....	Longwall.....	Fan.....	Steam.....	Fl. D., D. M. & S. Ry.
Boone Coal Company.....	Geo. Heaps, Jr.	Des Moines Bldg., Des Moines	Shaft.....	Longwall.....	Fan.....	Steam.....	C. & N. W. Ry.
Otto C. Herman Coal Company.....	J. S. McCaskey	Boone	Shaft.....	Longwall.....	Fan.....	Horse.....	Local
McCaskey Coal Company.....	Robert Kennedy	Pilot Mound	Shaft.....	Room and Pillar.....	Fan.....	Horse.....	Fl. D., D. M. & S. Ry.
Radiant Coal Company.....	Owen Reese	Ogden	Shaft.....	Longwall.....	Fan.....	Steam.....	Fl. D., D. M. & S. Ry.
Scandia Coal Company.....	F. E. Burris	Madrid	Shaft.....	Room and Pillar.....	Fan.....	Steam.....	C., M. & St. P. Ry.
Sayre Coal Company.....		302 Clifton St., Des Moines.	Shaft.....	Room and Pillar.....	Fan.....	Steam.....	C., M. & St. P. Ry.
South Side Coal Company.....	John May.	Fraser	Shaft.....	Longwall.....	Natural.....	Horse.....	Fl. D., D. M. & S. Ry.
DALLAS COUNTY.							
Dallas Coal Company.....	John Lindholm.	504 Crocker Bldg., Des Moines	Shaft.....	Room and Pillar.....	Fan.....	Steam.....	C., M. & St. P. Ry.
Norwood-White Coal Co., No. 1.....	Thomas Hayes	Des Moines Bldg., Des Moines	Shaft.....	Room and Pillar.....	Fan.....	Electricity.....	Inter Urban
Radiant Coal Mining Company.....	Wm. T. Ramsey	Adel	Shaft.....	Room and Pillar.....	Fan.....	Electricity.....	C., M. & St. P. Ry.
Scandia Coal Co., No. 2.....	Owen Reese	Madrid	Shaft.....	Room and Pillar.....	Fan.....	Steam.....	C., M. & St. P. Ry.
Scandia Coal Co., No. 3.....	Owen Reese	Madrid	Shaft.....	Room and Pillar.....	Fan.....	Steam.....	C., M. & St. P. Ry.
Shuler Coal Company.....	Charles Shuler, Jr.	502 Hippee Bldg., Des Moines.	Shaft.....	Room and Pillar.....	Fan.....	Electricity.....	C., M. & St. P. Ry.
GREENE COUNTY.							
Carpenter Coal Company.....	J. L. Carpenter.	Moingona	Slope.....	Room and Pillar.....	Natural.....	Horse.....	Local
Buckeye Coal Company.....		Rippey	Shaft.....	Room and Pillar.....	Furnace.....	Horse.....	Local
Krystone Coal Company.....		Rippey	Shaft.....	Room and Pillar.....	Furnace.....	Horse.....	Local

LIST OF COAL COMPANIES, SUPERINTENDENTS, ETC., IN SECOND DISTRICT—Continued

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GUTHRIE COUNTY.

Name of Company	Superintendent	Post Office	Shaft or Slope	Plan of Working	How Ventilated	Power Used	Shipping or Local
Butler Coal Company.....	A. H. Butler.....	Guthrie Center.....	Shaft.....	Longwall.....	Furnace.....	Horse.....	Local
Love Coal Company.....	James H. Love.....	Panora.....	Shaft.....	Longwall.....	Furnace.....	Horse.....	Local
J. F. Lewis Coal Company.....	Steve Lewis.....	Yale.....	Shaft.....	Longwall.....	Furnace.....	Horse.....	Local

* POLK COUNTY.

Acme Coal Mining Company.....	Chas. R. Hutchings	1130 Park Ave., Des Moines.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Local
Bennett Bros. Coal Company.....	A. A. Bennett.....	603 W. Grand Ave., Des Moines	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Local
Bloomfield Coal & Mining Company	George Yarn.....	Bt. 4, Des Moines	Shaft.....	Room and Pillar.	Fan.....	Electricity	C. & N. W. Ry.
Beck Coal & Mining Company.....	John T. Beck.....	Des Moines.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Local
Des Moines Coal Company, No. 3.....	Fred Norwood.....	910 W. Grand Ave., Des Moines	Shaft.....	Room and Pillar.	Fan.....	Electricity	Local
Des Moines Coal Company, No. 4.....	Fred Norwood.....	910 W. Grand Ave., Des Moines	Shaft.....	Room and Pillar.	Fan.....	Electricity	Local
Diamond Joe Coal Company.....	David Jopling.....	Runnells.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Wabash Ry.
Des Moines Ice & Fuel Co. Inter- Urban.....	S. Blount.....	160 E. Maple St. Des Moines.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Inter Urban Loel
Des Moines Ice & Fuel Co., West Side.....	C. J. Carlson.....	160 E. Maple St. Des Moines.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	C., R. I. & P. Ry.
Economy Coal Company.....	John H. Ramsay.....	1015 19th St., Des Moines.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	C., M. & St. P. Ry.
Keystone Coal Mining Company	J. C. Abram.....	Des Moines.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Inter Urban
Liberty Coal Mining Company.....	W. R. Gibson.....	2412 University Ave., Des Moines	Shaft.....	Room and Pillar.	Fan.....	Steam.....	C., R. I. & P. Ry.
Maple Block Coal Company, No. 2.....	Hugh Shuler.....	Des Moines.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	C., R. I. & P. Ry.
Norwood-White Coal Co., No. 3.....	F. G. Wright.....	Norwoodville.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Inter Urban
Norwood-White Coal Co., No. 6.....	F. G. Wright.....	Norwoodville.....	Shaft.....	Room and Pillar.	Fan.....	Electricity	C. & N. W. Ry.

Saylor Coal Company, No. 2.....	E. F. Roberts.....	R. F. B. Ankeny	Shaft.....	Room and Pillar.	Fan.....	Electricity	Local
Sprague Coal & Mining Company.....	A. H. Sprague.....	Berwick.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Inter Urban
South Des Moines Coal Company.....	J. C. Abram.....	Des Moines.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Inter Urban
Urbandale Coal Company.....	Harry Carpenter.....	830 E. 30th St., Des Moines.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Inter Urban
Wright Coal Company.....	D. G. McDonald.....	802 Lyon St., Des Moines.....	Shaft.....	Room and Pillar.	Fan.....	Electricity	C. & N. W. Ry.
X L Coal Company.....	O. E. Kellogg.....	3245 Easton Blvd., Des Moines.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Local

STORY COUNTY.

Summit Coal Company.....	Frank Ellis.....	Ames.....	Shaft.....	Room and Pillar.	Steam.....	Steam.....	Local
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WEBSTER COUNTY.

Lehigh Coal Company.....	Blak Higby.....	Lehigh.....	Shaft.....	Room and Pillar.	Fan.....	Steam.....	Ft. D., D. M. & S. Ry.
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REPORT OF THE

STATE MINE INSPECTION

25

ACCIDENTS RELATED TO TONNAGE

Fatal and non-fatal accidents in mines of Iowa during the calendar years 1920 and 1921, with relation to coal produced for each accident, and number of employes for each accident.

District	Number of Accidents		Tons of Coal of All Grades Produced	Tons of Coal Produced For Each Accident		No. of Employes	Number of Employes For Each Accident	
	Fatal	Non-Fatal		Fatal	Non-Fatal		Fatal	Non-Fatal
1920								
District No. 1.....	4	28	2,465,702	616,448	88,064	4,797	1,160	177
District No. 2.....	14	71	3,409,066	249,033	49,282	5,086	363	71½
District No. 3.....	9	97	1,964,506	214,945	19,943	5,504	323	39
Total.....	27	196	7,839,274	292,560	40,303	15,787	474	654
1921								
District No. 1.....	5	15	1,524,921	394,084	101,661	5,088	1,018	306
District No. 2.....	13	39	3,337,572	179,813	59,498	5,147	378	156
District No. 3.....	4	71	1,310,597	327,749	18,465	3,147	787	44
Total.....	22	125	5,173,090	295,150	41,388	13,155	508	106

ACCIDENTS RELATED TO TONNAGE

Showing Tonnage in Iowa, Accidents and Employes for Period of Twenty-six Years.

Year	Number of Fatal Accidents	Tons of Coal Produced	Tons of Coal Per Accident	Number of Employes	Fatality Rate Per 1,000 Employes
1896.....	24	3,525,490	160,254	11,451	2.1
1897.....	21	3,799,734	180,464	11,676	1.8
1898.....	29	4,397,732	169,143	10,560	2.5
1899.....	29	4,949,310	247,499	11,022	1.8
1900.....	29	5,117,285	176,458	13,941	2.2
1901.....	27	5,441,863	201,550	13,173	2.1
1902.....	25	5,514,396	160,228	13,902	4.2
1903.....	21	6,183,724	294,520	13,192	1.6
1904.....	31	6,214,379	200,464	16,215	1.9
1905.....	24	6,890,911	288,364	17,624	1.4
1906.....	37	7,017,495	189,661	16,825	2.2
1907.....	25	7,568,425	219,241	17,945	2.65
1908.....	28	7,155,484	188,201	17,213	2.2
1909.....	28	7,849,232	282,396	18,002	1.5
1910.....	39	7,223,480	185,192	18,005	2.1
1911.....	36	7,739,674	214,718	16,890	2.1
1912.....	30	8,830,838	297,391	15,215	1.8
1913.....	24	7,415,737	308,989	15,625	1.5
1914.....	24	7,212,734	215,080	15,740	2.1
1915.....	34	7,539,088	221,473	16,309	2.07
1916.....	31	7,217,979	232,538	15,195	2.04
1917.....	36	9,049,205	251,385	15,464	2.32
1918.....	32	8,219,315	256,852	14,563	2.1
1919.....	17	5,671,630	327,743	12,886	1.3
1920.....	27	7,869,365	292,560	12,787	2.11
1921.....	22	5,173,490	235,150	13,155	1.67

STATE OF IOWA

1922

REPORT OF THE

BOARD OF PHARMACY

FOR THE

Biennial Period Ending June 30, 1922

WM. H. HAIRE, Fort Dodge, Chairman
 FLOYD E. FARR, Humeston
 GEORGE JUDISCH, Ames

HARRY E. EATON, Secretary-Treasurer
 DES MOINES

PUBLISHED BY
 THE STATE OF IOWA
 DES MOINES