

# Mine Injury and Worktime, Quarterly

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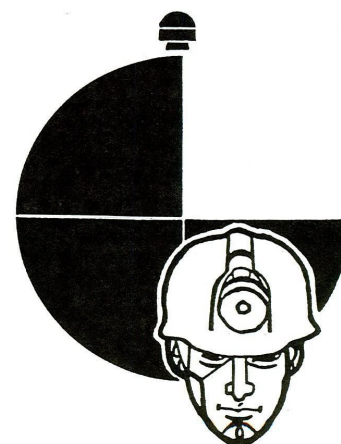


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This publication has been reviewed and approved for distribution to the mining public by the Office of the Assistant Secretary for Mine Safety and Health.

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## SCOPE OF DATA AND ITS LIMITATIONS

Enclosed in this packet are informational reports detailing the occupational injury and illness experience of mining, by category, in the United States. Data reported by operators of mining establishments concerning work injuries are summarized by work location, accident classification, part of body injured, nature of injury, and occupation. Related information on employment, worktime, and operating activity is also presented. Data reported by independent contractors performing certain work at mining locations are depicted separately in these reports.

The data are compiled from independent contractor reports and reports by operators of mines for personnel directly engaged in production, cleaning, milling, shipping, development, and maintenance and repair work, including direct supervisory and technical personnel and contract mining services. Reports are submitted as required under the Federal Mine Safety and Health Act of 1977, Public Law 91-173 as amended by Public Law 95-164. Any injuries reported for mines that do not have employee hours on file for the same time period and sub-unit are not counted or used in the computation of incidence rates. Furthermore, data collected for employment and hours worked in those activities reflect the contractor's total metallic/nonmetallic work locations and total coal work locations and not the individual mine sites.

In order to maintain consistency with prior years, fatalities attributed to independent contractor employees are included in chart 1 (see page 3). However, beginning in 1983, tabular data on independent contractors are depicted separately from operator data. Independent contractors are exempt from reporting employment and injury information relating to "low hazard" activities performed at mining operations. Mandatory information now is limited to their activities which involve:

- mine development;
- construction, reconstruction or demolition of mine facilities;
- construction of dams;
- excavation or earth moving;
- equipment installation, service or repair;
- material handling;
- drilling or blasting

Please note all current-year data presented in this publication are preliminary and subject to change.

## DEFINITIONS AND NOTES

The term “injury,” as used in this publication, includes all reportable occupational injuries and those illnesses which result from a work accident or from exposure involving a single incident in the work environment. A reportable “injury” is an injury to an individual, occurring at a mining operation that requires medical treatment or results in death or loss of consciousness or inability to perform all job duties on any workday after the injury or temporary assignment to other duties or transfer to another job. The injury occurrences are classified according to severity as follows:

1. FATAL: Occurrences resulting in death.
2. NFDL: Nonfatal occurrences with Days Lost (lost workdays). That is, nonfatal injury occurrences that result in days away from work or days of restricted work activity.
3. NDL: Occurrences with No Days Lost. That is, nonfatal injury occurrences resulting only in loss of consciousness or medical treatment other than first aid.

Incidence rates represent the number of injuries that occurred for each 200,000 employee hours worked, computed as follows:

$$IR = (Number\ of\ Injury\ Occurrences \div Number\ of\ Employee\ Hours) \times 200,000$$

In the event that the computation of an incidence rate results in a number less than 0.005, then an asterisk (\*) will be shown instead of a number in the tabular location if the incidence rate is 999.99 or more, then the rate will be shown as 999.99.

“Average number of workers” is a summary of the average number of persons working at individual mining establishments during periods (not necessarily continuous) of active operations.

“Production reported” is the short tons of clean coal reported to MSHA as being produced at active coal mines. This number is self-reported by coal operators.

### Chart 1. Number of Fatal Injuries in the U.S. Mining Industries

2021, 2022 and 2023 Q4 | CY 2023 is Preliminary. See page 1 for details.

CY 2021					
	Coal	Metal	Nonmetal	Sand & Gravel	Stone
Q1	1	2	1	3	1
Q2	3	3		2	1
Q3	4	3		1	3
Q4	3			4	3

CY 2022					
	Coal	Metal	Nonmetal	Sand & Gravel	Stone
Q1	6	2	1	2	1
Q2					3
Q3	3			3	1
Q4	2	1	1	1	3

CY 2023					
	Coal	Metal	Nonmetal	Sand & Gravel	Stone
Q1	3	1	2		8
Q2	3	1		3	3
Q3	2	1	1	2	4
Q4	1	1	1	1	2

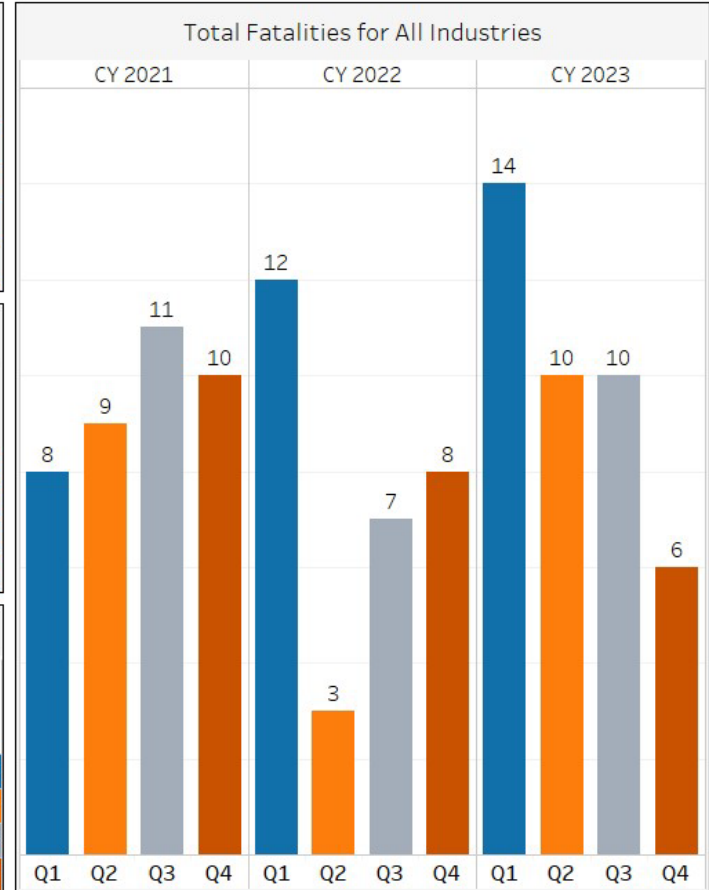


TABLE 1. NUMBER OF OPERATOR INJURIES, INJURY-INCIDENCE RATES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS, AND PRODUCTION BY TYPE OF COAL MINED AND WORK LOCATION JANUARY - DECEMBER 2023 (PRELIMINARY)

TYPE OF COAL/WORK LOCATION	Fatal	Fatal IR	NFDL	NFDL IR	NDL	NDL IR	All OCCURENCES	ALL INCIDENT RATES	AVG # EMP	EMP HRS	PRODUCTION
<b>BITUMINOUS COAL</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND	5	0.019	901	3.420	302	1.146	1,208	4.585	22,612	52,695,159	217,761,364
SURFACE AT UG	-	-	34	1.874	19	1.047	53	2.922	1,640	3,627,936	-
TOTAL, UNDERGROUND MINES	5	0.018	935	3.320	321	1.140	1,261	4.478	24,252	56,323,095	217,761,364
<b>SURFACE MINES:</b>											
STRIP MINES	1	0.006	118	0.741	48	0.301	167	1.048	14,989	31,862,462	354,160,709
AUGER MINES	-	-	3	1.420	1	0.473	4	1.893	256	422,539	2,152,103
OTHER SURFACE MINES	-	-	-	-	-	-	-	-	167	253,548	177,800
TOTAL, SURFACE MINES	1	0.006	121	0.744	49	0.301	171	1.051	15,412	32,538,549	356,490,612
TOTAL, PRODUCTION MINING	6	0.014	1,056	2.377	370	0.833	1,432	3.223	39,664	88,861,644	574,251,976
PREPARATION PLANTS	-	-	46	0.914	29	0.576	75	1.490	4,580	10,069,607	-
INDEPENDENT SHOPS OR YARDS	-	-	2	1.232	-	-	2	1.232	139	324,623	-
TOTAL, OTHER OPERATIONS	-	-	48	0.924	29	0.558	77	1.482	4,719	10,394,230	-
Total, BITUMINOUS COAL	6	0.012	1,104	2.225	399	0.804	1,509	3.041	44,383	99,255,874	574,251,976
<b>ANTHRACITE COAL</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND	-	-	-	-	-	-	-	-	74	54,770	73,137
SURFACE AT UG	-	-	1	9.975	-	-	1	9.975	18	20,051	-
TOTAL, UNDERGROUND MINES	-	-	1	2.673	-	-	1	2.673	92	74,821	73,137
<b>SURFACE MINES:</b>											
STRIP MINES	-	-	10	1.897	3	0.569	13	2.466	529	1,054,202	2,802,532
CULM BANK	-	-	-	-	-	-	-	-	114	192,600	13,313
TOTAL, SURFACE MINES	-	-	10	1.600	3	0.480	13	2.080	645	1,250,002	2,830,332
TOTAL, PRODUCTION MINING	-	-	11	1.661	3	0.453	14	2.113	737	1,324,823	2,903,469
PREPARATION PLANTS	-	-	12	2.876	2	0.479	14	3.355	436	834,599	-
INDEPENDENT SHOPS OR YARDS	-	-	-	-	-	-	-	-	16	33,117	-
TOTAL, OTHER OPERATIONS	-	-	12	2.766	2	0.461	14	3.227	452	867,716	-
Total, ANTHRACITE COAL	-	-	23	2.098	5	0.456	28	2.554	1,189	2,192,539	2,903,469
<b>ALL COAL</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND	5	0.019	901	3.416	302	1.145	1,208	4.580	22,686	52,749,929	217,834,501
SURFACE AT UG	-	-	35	1.919	19	1.042	54	2.961	1,658	3,647,987	-
TOTAL, UNDERGROUND MINES	5	0.018	936	3.319	321	1.138	1,262	4.475	24,344	56,397,916	217,834,501
<b>SURFACE MINES:</b>											
STRIP MINES	1	0.006	128	0.778	51	0.310	180	1.094	15,518	32,916,664	356,963,241
AUGER MINES	-	-	3	1.409	1	0.470	4	1.879	258	425,739	2,166,590
CULM BANK	-	-	-	-	-	-	-	-	279	442,162	189,984
DREDGE	-	-	-	-	-	-	-	-	2	3,986	1,129
TOTAL, SURFACE MINES	1	0.006	131	0.775	52	0.308	184	1.089	16,057	33,788,551	359,320,944
TOTAL, PRODUCTION MINING	6	0.013	1,067	2.366	373	0.827	1,446	3.207	40,401	90,186,467	577,155,445
PREPARATION PLANTS	-	-	58	1.064	31	0.569	89	1.632	5,016	10,904,206	-
INDEPENDENT SHOPS/YARDS	-	-	2	1.118	-	-	2	1.118	155	357,740	-
TOTAL, OTHER OPERATIONS	-	-	60	1.066	31	0.551	91	1.616	5,171	11,261,946	-
Total, ALL COAL	6	0.012	1,127	2.222	404	0.796	1,537	3.030	45,572	101,448,413	577,155,445
<b>OFFICEWORKERS</b>											
BITUMINOUS COAL	-	-	1	0.075	-	-	1	0.075	1,495	2,652,123	-
ANTHRACITE COAL	-	-	-	-	-	-	-	-	101	160,843	-
TOTAL, OFFICEWORKERS	-	-	1	0.071	-	-	1	0.071	1,596	2,812,966	-
GRAND TOTAL	6	0.012	1,128	2.164	404	0.775	1,538	2.950	47,168	104,261,379	577,155,445

TABLE 2. NUMBER OF OPERATOR INJURIES, INJURY-INCIDENCE RATES, AVERAGE NUMBER OF EMPLOYEES, AND EMPLOYEE HOURS BY WORK LOCATION AND MINERAL INDUSTRY JANUARY - DECEMBER 2023 (PRELIMINARY)

WORK LOCATION/MINERAL INDUSTRY	Fatal	Fatal IR	NFDL	NFDL IR	NDL	NDL IR	All OCCURENCES	ALL INCIDENT RATES	AVG # EMP	EMP HRS
UNDERGROUND MINES										
METAL	2	0.024	110	1.339	46	0.560	158	1.924	8,452	16,427,818
NONMETAL	-	-	61	2.133	23	0.804	84	2.937	2,794	5,719,718
STONE	-	-	61	2.071	16	0.543	77	2.615	2,689	5,889,472
TOTAL, UNDERGROUND MINES	2	0.014	232	1.655	85	0.606	319	2.276	13,935	28,037,008
SURFACE MINES										
METAL	-	-	263	1.669	70	0.444	333	2.113	15,910	31,514,464
NONMETAL	-	-	84	1.225	39	0.569	123	1.794	7,019	13,713,150
STONE	12	0.039	401	1.315	159	0.522	572	1.876	30,960	60,976,719
SAND AND GRAVEL	4	0.014	303	1.034	152	0.519	459	1.567	34,192	58,596,887
TOTAL, SURFACE MINES	16	0.019	1,051	1.275	420	0.510	1,487	1.805	88,081	164,801,220
TOTAL, MINES	18	0.019	1,283	1.331	505	0.524	1,806	1.873	102,016	192,838,228
MILLS										
METAL	-	-	185	1.361	66	0.485	251	1.846	12,952	27,192,299
NONMETAL	1	0.008	153	1.289	56	0.472	210	1.769	11,536	23,739,692
STONE	4	0.014	415	1.435	160	0.553	579	2.002	27,064	57,834,417
TOTAL, MILLS	5	0.009	753	1.385	282	0.519	1,040	1.912	51,552	108,766,408
INDEPENDENT SHOPS AND YARDS										
STONE	-	-	-	-	-	-	-	-	35	41,723
SAND AND GRAVEL	-	-	-	-	-	-	-	-	10	8,654
TOTAL, INDEPENDENT SHOPS AND YARDS	-	-	-	-	-	-	-	-	45	50,377
ALL MINES, MILLS AND SHOPS										
METAL	2	0.005	558	1.485	182	0.484	742	1.975	37,314	75,134,581
NONMETAL	1	0.005	298	1.381	118	0.547	417	1.932	21,349	43,172,560
STONE	16	0.026	877	1.406	335	0.537	1,228	1.969	60,748	124,742,331
SAND AND GRAVEL	4	0.014	303	1.034	152	0.519	459	1.566	34,202	58,605,541
TOTAL, ALL MINES, MILLS AND SHOPS	23	0.015	2,036	1.350	787	0.522	2,846	1.887	153,613	301,655,013
OFFICEWORKERS										
METAL	-	-	7	0.145	2	0.042	9	0.187	5,020	9,626,894
NONMETAL	-	-	-	-	2	0.056	2	0.056	3,986	7,172,222
STONE	-	-	5	0.051	3	0.030	8	0.081	10,585	19,699,680
SAND AND GRAVEL	-	-	1	0.028	-	-	1	0.028	5,918	7,139,347
TOTAL, OFFICEWORKERS	-	-	13	0.060	7	0.032	20	0.092	25,509	43,638,143
SUMMARY TOTAL (INCLUDING OFFICEWORKERS)										
METAL	2	0.005	565	1.333	184	0.434	751	1.772	42,334	84,761,475
NONMETAL	1	0.004	298	1.184	120	0.477	419	1.665	25,335	50,344,782
STONE	16	0.022	882	1.221	338	0.468	1,236	1.711	71,333	144,442,011
SAND AND GRAVEL	4	0.012	304	0.925	152	0.462	460	1.399	40,120	65,744,888
GRAND TOTAL	23	0.013	2,049	1.187	794	0.460	2,866	1.660	179,122	345,293,156



Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES				
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
<b>ALABAMA</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	66,051
NONMETAL	-	-	-	-	-	-	-	1	1	98	154,290	-	-	1	-	140	272,437
STONE	-	-	-	9	16,513	-	-	4	4	823	1,711,254	-	-	23	8	1,617	3,672,102
SAND AND GRAVEL	-	-	-	-	-	-	-	4	-	515	1,146,595	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	9	16,513	-	-	9	5	1,436	3,011,139	-	-	24	8	1,782	4,010,590
<b>COAL</b>	1	78	10	1,652	4,429,256	11,146,286	-	1	1	310	564,305	906,397	-	4	-	250	672,661
<b>ALASKA</b>																	
METAL	-	19	8	1,112	2,099,055	-	-	3	10	784	1,622,828	-	-	-	5	448	1,206,666
NONMETAL	-	-	-	-	-	-	-	-	-	2	957	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	72	59,835	-	-	-	-	2	967
SAND AND GRAVEL	-	-	-	-	-	-	-	2	3	457	330,935	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	19	8	1,112	2,099,055	-	-	5	13	1,295	2,014,555	-	-	-	5	450	1,207,633
<b>COAL</b>	-	-	-	-	-	-	-	-	1	84	169,795	1,008,994	-	-	1	3	4,473
<b>ARIZONA</b>																	
METAL	-	1	2	197	347,296	-	-	151	24	4,935	9,591,576	-	-	79	24	4,067	8,317,517
NONMETAL	-	-	-	-	-	-	-	-	-	58	95,236	-	-	3	1	86	176,538
STONE	-	-	-	-	-	-	-	2	1	500	896,548	-	-	8	4	410	785,719
SAND AND GRAVEL	-	-	-	-	-	-	-	20	10	1,545	3,022,794	-	-	-	-	10	8,654
<b>TOTAL, M/NM</b>	-	1	2	197	347,296	-	-	173	35	7,038	13,606,154	-	-	90	29	4,573	9,288,428
<b>COAL</b>	-	-	-	-	-	-	-	-	-	35	66,651	-	-	-	-	-	-
<b>ARKANSAS</b>																	
METAL	-	-	-	-	-	-	-	-	-	52	75,442	-	-	3	1	228	519,090
NONMETAL	-	-	-	-	-	-	-	-	1	122	218,853	-	-	2	-	116	226,397
STONE	-	1	-	20	35,156	-	1	3	6	804	1,656,319	-	-	21	5	557	1,250,424
SAND AND GRAVEL	-	-	-	-	-	-	-	-	1	396	831,925	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	1	-	20	35,156	-	1	3	8	1,374	2,782,539	-	-	26	6	901	1,995,911
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	630
<b>CALIFORNIA</b>																	
METAL	-	-	-	26	39,848	-	-	7	-	454	890,677	-	-	3	3	804	1,284,866
NONMETAL	-	-	-	8	2,836	-	-	12	2	595	1,158,729	-	-	3	3	844	1,791,861
STONE	-	-	-	-	-	-	-	26	7	1,055	2,008,570	-	1	36	5	1,055	2,224,443
SAND AND GRAVEL	-	-	-	-	-	-	-	36	8	2,757	5,445,093	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	34	42,684	-	-	81	17	4,861	9,503,069	-	1	42	11	2,503	5,301,170
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS					
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES					
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	
<b>COLORADO</b>																		
METAL	-	2	-	216	398,889	-	-	18	3	368	897,132	-	-	7	2	389	826,430	-
NONMETAL	-	-	-	7	7,825	-	-	3	-	54	120,342	-	-	-	-	3	4,225	-
STONE	-	1	-	24	45,974	-	-	12	1	400	761,827	-	-	3	2	335	678,412	-
SAND AND GRAVEL	-	-	-	-	-	-	1	14	11	1,311	2,203,445	-	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	3	-	247	452,688	-	1	47	15	2,133	3,982,746	-	-	10	4	727	1,509,067	-
<b>COAL</b>	-	21	3	797	1,556,866	7,443,463	-	5	2	330	703,985	4,927,732	-	1	-	102	173,975	-
<b>COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS</b>																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	3	2,329	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	81	148,640	-	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	-	-	-	84	150,969	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>CONNECTICUT</b>																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	381	657,224	-	-	-	2	125	243,567	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	191	264,832	-	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	-	2	-	572	922,056	-	-	-	2	125	243,567	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>DELAWARE</b>																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	48,873	-
NONMETAL	-	-	-	-	-	-	-	-	-	16	20,752	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	1	34	75,091	-	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	-	1	1	50	95,843	-	-	-	-	20	48,873	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>FLORIDA</b>																		
METAL	-	-	-	-	-	-	-	1	-	38	86,499	-	-	-	1	157	346,309	-
NONMETAL	-	-	-	-	-	-	-	15	6	904	2,037,391	-	-	6	1	488	1,112,438	-
STONE	-	-	-	-	-	-	1	21	9	1,284	3,115,785	-	-	16	5	1,180	2,884,607	-
SAND AND GRAVEL	-	-	-	-	-	-	-	3	2	586	1,277,544	-	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	1	40	17	2,812	6,517,219	-	-	22	7	1,825	4,143,354	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES					Production	NUMBER OF INJURIES						NUMBER OF INJURIES				
	Fatal	NFDL	NDL	AVG # EMP	EMP HRS		Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
<b>GEORGIA</b>																	
METAL	-	-	-	-	-	-	-	-	-	3	6,277	-	-	1	-	17	19,151
NONMETAL	-	-	-	-	-	-	-	2	-	290	501,460	-	-	18	8	1,918	3,932,485
STONE	-	5	-	109	193,789	-	1	18	6	900	1,868,260	-	-	9	2	1,222	2,700,026
SAND AND GRAVEL	-	-	-	-	-	-	-	2	2	282	595,356	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	5	-	109	193,789	-	1	22	8	1,475	2,971,353	-	-	28	10	3,157	6,651,682
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>GUAM</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	45	57,507	-	-	-	-	91	74,859
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	-	-	45	57,507	-	-	-	-	91	74,859
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>HAWAII</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	8	-	256	541,043	-	-	-	1	20	47,271
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	40	37,204	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	8	-	296	578,247	-	-	-	1	20	47,271
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>IDAHO</b>																	
METAL	1	5	16	621	1,120,537	-	-	-	-	12	17,502	-	-	-	-	120	216,628
NONMETAL	-	-	-	-	-	-	-	-	1	351	675,704	-	-	-	-	174	298,352
STONE	-	-	-	-	-	-	-	1	1	259	327,917	-	-	-	3	30	46,249
SAND AND GRAVEL	-	-	-	-	-	-	-	6	3	817	1,097,905	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	1	5	16	621	1,120,537	-	-	7	5	1,439	2,119,028	-	-	-	3	324	561,229
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>ILLINOIS</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	15	30,313
NONMETAL	-	-	-	-	-	-	-	1	1	139	306,604	-	-	3	-	289	657,896
STONE	-	2	1	219	535,424	-	-	7	3	714	1,508,440	-	-	7	2	792	1,741,804
SAND AND GRAVEL	-	-	-	-	-	-	-	3	2	396	699,632	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	2	1	219	535,424	-	-	11	6	1,249	2,514,676	-	-	11	2	1,096	2,430,013
<b>COAL</b>	1	106	36	1,835	4,103,001	36,119,155	-	2	-	102	211,612	937,043	-	4	1	308	672,447

Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS					
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES					
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	
<b>INDIANA</b>																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4,168		
NONMETAL	-	-	-	25	82,285	-	-	2	29	59,510	-	-	1	101	214,160			
STONE	-	1	1	182	417,016	-	1	17	7	658	1,355,258	-	-	12	2,371,598			
SAND AND GRAVEL	-	-	-	-	-	-	-	7	2	536	1,088,349	-	-	-	-			
<b>TOTAL, M/NM</b>	-	1	1	207	499,301	-	1	26	9	1,223	2,503,117	-	-	13	2,589,924			
<b>COAL</b>	-	62	16	1,307	3,198,585	13,728,287	-	4	2	900	2,038,597	9,994,074	-	-	1	224	509,451	
<b>IOWA</b>																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NONMETAL	-	5	2	142	311,985	-	-	1	-	83	147,557	-	-	4	79	158,412		
STONE	-	4	-	249	578,941	-	-	17	4	802	1,457,146	-	-	9	387	848,259		
SAND AND GRAVEL	-	-	-	-	-	-	-	5	2	517	731,382	-	-	-	-			
<b>TOTAL, M/NM</b>	-	9	2	391	890,926	-	-	23	6	1,402	2,336,085	-	-	13	3	466	1,006,671	
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>KANSAS</b>																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NONMETAL	-	3	2	123	257,104	-	-	-	-	36	65,723	-	-	1	56	117,241		
STONE	-	-	-	7	14,348	-	-	7	4	590	1,020,411	-	-	5	4	318	663,173	
SAND AND GRAVEL	-	-	-	-	-	-	-	1	1	328	529,668	-	-	-	-			
<b>TOTAL, M/NM</b>	-	3	2	130	271,452	-	-	8	5	954	1,615,802	-	-	6	5	374	780,414	
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>KENTUCKY</b>																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NONMETAL	-	-	-	-	-	-	-	-	-	24	40,247	-	-	-	1	55	118,879	
STONE	-	15	5	475	968,264	-	-	7	1	691	1,413,732	-	-	8	6	1,099	2,287,546	
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	183	368,153	-	-	-	-			
<b>TOTAL, M/NM</b>	-	15	5	475	968,264	-	-	7	1	898	1,822,132	-	-	8	7	1,154	2,406,425	
<b>COAL</b>	-	151	69	3,221	7,380,680	21,472,441	-	9	3	1,115	2,460,546	6,509,748	-	-	14	5	763	1,707,279
<b>LOUISIANA</b>																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	23	1	517	1,248,405	
NONMETAL	-	9	1	404	746,283	-	-	-	-	112	277,728	-	-	1	1	133	311,982	
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	978	
SAND AND GRAVEL	-	-	-	-	-	-	-	2	4	950	1,782,476	-	-	-	-			
<b>TOTAL, M/NM</b>	-	9	1	404	746,283	-	-	2	4	1,062	2,060,204	-	-	24	2	652	1,561,365	
<b>COAL</b>	-	-	-	-	-	-	-	-	-	41	78,574	288,829	-	-	-	-	-	

Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES				
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
<b>MAINE</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL	-	-	-	8	2,393	-	-	-	2	549	-	-	-	-	-	-	
STONE	-	-	-	-	-	-	-	1	165	244,408	-	-	2	3	62	113,310	
SAND AND GRAVEL	-	-	-	-	-	-	-	9	632	735,206	-	-	-	-	-	-	
<b>TOTAL, M/NM</b>	-	-	-	8	2,393	-	-	10	799	980,163	-	-	2	3	62	113,310	
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>MARYLAND</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL	-	-	-	-	-	-	-	-	5	9,237	-	-	1	-	7	11,588	
STONE	-	-	-	8	13,720	-	-	4	283	553,256	-	-	2	3	444	972,170	
SAND AND GRAVEL	-	-	-	-	-	-	-	7	218	421,683	-	-	-	-	-	-	
<b>TOTAL, M/NM</b>	-	-	-	8	13,720	-	-	11	506	984,176	-	-	3	3	451	983,758	
<b>COAL</b>	-	1	1	100	229,004	397,927	-	1	-	110	243,513	882,087	-	-	1	49	100,054
<b>MASSACHUSETTS</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL	-	-	-	-	-	-	-	-	17	26,169	-	-	-	-	-	-	
STONE	-	-	-	-	-	-	1	3	2	368	662,760	-	1	-	201	305,854	
SAND AND GRAVEL	-	-	-	-	-	-	-	2	-	413	485,106	-	-	-	-	-	
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	1	5	2	798	1,174,035	-	1	-	-	201	305,854
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>MICHIGAN</b>																	
METAL	-	1	-	23	39,493	-	-	5	2	416	934,050	-	-	8	3	487	1,037,196
NONMETAL	-	1	-	74	180,830	-	-	1	1	90	194,028	-	-	-	-	14	32,793
STONE	-	-	-	-	-	-	-	3	2	318	631,775	-	-	11	5	708	1,497,875
SAND AND GRAVEL	-	-	-	-	-	-	-	13	10	1,382	2,008,807	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	2	-	97	220,323	-	-	22	15	2,206	3,768,660	-	-	19	8	1,209	2,567,864
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>MINNESOTA</b>																	
METAL	-	-	-	-	-	-	-	23	14	1,989	4,142,873	-	-	15	6	1,539	3,239,695
NONMETAL	-	-	-	-	-	-	-	-	-	16	18,779	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	1	281	473,811	-	-	-	1	57	109,049
SAND AND GRAVEL	-	-	-	-	-	-	1	6	8	1,453	1,647,332	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	1	29	23	3,739	6,282,795	-	-	15	7	1,596	3,348,744
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES				
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
<b>MISSISSIPPI</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	1	43	101,843	-	-	3	3	324	734,946	
STONE	-	-	-	-	-	-	-	-	11	20,730	-	-	-	-	4	9,873	
SAND AND GRAVEL	-	-	-	-	-	-	-	7	549	876,448	-	-	-	-	-	-	
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	8	603	999,021	-	-	3	3	328	744,819	
<b>COAL</b>	-	-	-	-	-	-	-	-	2	236	488,417	2,684,925	-	-	-	-	-
<b>MISSOURI</b>																	
METAL	-	19	2	611	1,213,099	-	-	-	-	-	-	-	-	-	1	108	204,637
NONMETAL	-	2	-	24	45,931	-	-	-	79	116,204	-	-	8	3	550	1,186,864	
STONE	-	9	2	412	908,008	-	1	9	1,330	2,566,736	-	1	32	23	2,143	4,425,062	
SAND AND GRAVEL	-	-	-	-	-	-	-	2	274	408,028	-	-	-	-	-	-	
<b>TOTAL, M/NM</b>	-	30	4	1,047	2,167,038	-	1	11	1,683	3,090,968	-	1	40	27	2,801	5,816,563	
<b>COAL</b>	-	-	-	-	-	-	-	-	8	15,619	139,696	-	-	-	-	-	-
<b>MONTANA</b>																	
METAL	-	28	5	1,468	2,723,210	-	-	2	193	391,888	-	-	5	3	337	647,079	
NONMETAL	-	-	-	12	20,635	-	-	3	72	119,339	-	-	6	2	150	291,763	
STONE	-	-	-	-	-	-	-	2	149	217,499	-	-	7	-	160	309,346	
SAND AND GRAVEL	-	-	-	-	-	-	-	6	562	624,021	-	-	-	-	-	-	
<b>TOTAL, M/NM</b>	-	28	5	1,480	2,743,845	-	-	13	976	1,352,747	-	-	18	5	647	1,248,188	
<b>COAL</b>	-	4	3	192	485,512	7,581,000	-	12	610	1,200,522	21,490,803	-	-	-	100	207,898	
<b>NEBRASKA</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL	-	-	-	-	-	-	-	-	19	15,346	-	-	-	-	-	-	
STONE	-	4	3	217	546,620	-	-	2	54	95,734	-	-	1	3	123	277,670	
SAND AND GRAVEL	-	-	-	-	-	-	-	4	402	674,293	-	-	-	-	-	-	
<b>TOTAL, M/NM</b>	-	4	3	217	546,620	-	-	6	475	785,373	-	-	1	3	123	277,670	
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>NEVADA</b>																	
METAL	1	12	6	2,834	5,696,156	-	-	35	4,815	8,955,555	-	-	17	8	2,420	4,939,374	
NONMETAL	-	-	-	-	-	-	-	8	291	516,283	-	-	3	1	480	898,338	
STONE	-	-	-	-	-	-	-	4	198	379,962	-	-	4	3	219	464,620	
SAND AND GRAVEL	-	-	-	-	-	-	-	9	740	1,331,951	-	-	-	-	-	-	
<b>TOTAL, M/NM</b>	1	12	6	2,834	5,696,156	-	-	56	6,044	11,183,751	-	-	24	12	3,119	6,302,332	
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES			AVG # EMP	EMP HRS
	Fatal	NFDL	NDL										Fatal	NFDL	NDL		
<b>NEW HAMPSHIRE</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	1	1,880	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	2	1	166	302,015	-	-	5	33	51,695	-
SAND AND GRAVEL	-	-	-	-	-	-	-	4	-	421	539,739	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	-	6	1	588	843,634	-	-	5	33	51,695	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>NEW JERSEY</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	2	-	29	62,458	-	-	5	112	224,834	-
STONE	-	-	-	-	-	-	-	12	2	402	962,954	-	-	1	138	302,959	-
SAND AND GRAVEL	-	-	-	-	-	-	-	9	2	368	761,978	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	-	23	4	799	1,787,390	-	-	6	250	527,793	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>NEW MEXICO</b>																	
METAL	-	-	-	-	-	-	-	7	1	430	911,319	-	-	13	374	760,947	-
NONMETAL	-	4	3	304	623,172	-	-	-	1	218	391,620	-	-	7	283	572,762	-
STONE	-	-	-	-	-	-	-	3	-	254	465,601	-	-	2	87	174,260	-
SAND AND GRAVEL	-	-	-	-	-	-	-	3	2	430	705,708	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	4	3	304	623,172	-	-	13	4	1,332	2,474,246	-	-	22	744	1,507,969	-
<b>COAL</b>	-	2	1	57	102,914	-	-	-	1	605	1,177,219	7,987,229	-	-	-	12	22,532
<b>NEW YORK</b>																	
METAL	-	-	-	148	220,871	-	-	1	1	14	30,519	-	-	3	42	77,770	-
NONMETAL	-	9	1	439	1,003,857	-	-	1	-	67	70,094	-	-	6	227	446,154	-
STONE	-	-	-	21	46,790	-	-	14	7	941	1,721,598	-	-	8	632	1,252,357	-
SAND AND GRAVEL	-	-	-	-	-	-	-	5	-	1,193	1,617,650	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	9	1	608	1,271,518	-	-	21	8	2,215	3,439,861	-	-	17	901	1,776,281	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>NORTH CAROLINA</b>																	
METAL	-	-	-	-	-	-	-	-	-	2	2,373	-	-	-	4	7,094	-
NONMETAL	-	-	-	-	-	-	-	3	1	407	863,343	-	-	4	434	889,806	-
STONE	-	-	-	-	-	-	-	4	2	925	1,951,092	-	-	19	845	1,913,401	-
SAND AND GRAVEL	-	-	-	-	-	-	-	5	1	296	824,431	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	-	12	4	1,630	3,441,239	-	-	23	1,283	2,810,301	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES				
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
<b>NORTH DAKOTA</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	2	1	41	87,135	-	-	1	1	24	44,660
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	2	2	418	553,091	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	-	4	3	459	640,228	-	-	1	1	24	44,660
<b>COAL</b>	-	-	-	-	-	-	-	6	3	1,210	2,346,864	24,087,205	-	-	-	3	3,360
<b>OHIO</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	3	2	297	658,738	-	-	-	-	115	156,255	-	-	2	-	143	233,182
STONE	-	-	-	98	235,926	-	-	7	2	770	1,440,783	-	-	12	4	922	1,924,941
SAND AND GRAVEL	-	-	-	-	-	-	-	3	-	828	1,524,054	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	3	2	395	894,664	-	-	10	2	1,713	3,121,092	-	-	14	4	1,065	2,158,123
<b>COAL</b>	-	7	2	126	275,675	607,939	-	-	-	176	406,151	1,235,178	-	-	-	47	90,808
<b>OKLAHOMA</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	3	214	468,344	-	-	-	-	38	80,315
STONE	-	-	-	11	21,732	-	1	12	13	1,449	3,036,111	-	-	9	-	578	1,221,698
SAND AND GRAVEL	-	-	-	-	-	-	-	4	4	463	926,826	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	11	21,732	-	1	16	20	2,126	4,431,281	-	-	9	-	616	1,302,013
<b>COAL</b>	-	-	-	-	-	-	-	-	-	1	916	1,793	-	-	-	-	-
<b>OREGON</b>																	
METAL	-	-	-	3	2,708	-	-	-	-	11	2,000	-	-	-	-	1	80
NONMETAL	-	-	-	-	-	-	-	-	-	113	123,436	-	-	-	-	138	256,542
STONE	-	-	-	-	-	-	-	14	4	824	1,358,104	-	-	-	-	89	174,801
SAND AND GRAVEL	-	-	-	-	-	-	-	3	2	508	780,877	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	3	2,708	-	-	17	6	1,456	2,264,417	-	-	-	-	228	431,423
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>PENNSYLVANIA</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	112	187,761
NONMETAL	-	-	-	-	-	-	-	1	1	40	82,190	-	-	3	2	132	229,941
STONE	-	11	2	328	683,858	-	1	37	13	2,167	3,999,418	-	-	32	9	1,812	3,578,013
SAND AND GRAVEL	-	-	-	-	-	-	-	6	1	368	661,780	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	11	2	328	683,858	-	1	44	15	2,575	4,743,388	-	-	35	11	2,056	3,995,715
<b>BITUMINOUS COAL</b>	1	117	51	2,975	6,740,343	37,409,147	-	3	1	482	1,050,846	2,382,049	-	3	-	414	905,437
<b>ARTHRAICITE COAL</b>	-	1	-	35	48,869	50,235	-	10	3	630	1,228,578	2,781,694	-	12	2	439	839,395
<b>COAL</b>	1	118	51	3,010	6,787,212	37,459,382	-	13	4	1,112	2,279,424	5,163,743	-	15	2	853	1,744,832



Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES			AVG # EMP	EMP HRS
	Fatal	NFDL	NDL										Fatal	NFDL	NDL		
<b>PUERTO RICO</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	1	-	15	27,684	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	9	1	322	616,463	-	-	9	-	316	557,249
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	99	154,838	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	11	1	436	798,985	-	-	9	-	316	557,249
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>RHODE ISLAND</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	81	144,073	-	-	-	-	9	22,941
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	195	361,653	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	1	-	276	505,726	-	-	-	-	9	22,941
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>SOUTH CAROLINA</b>																	
METAL	-	9	1	449	1,075,401	-	-	-	-	-	-	-	-	2	1	103	237,568
NONMETAL	-	-	-	-	-	-	-	-	-	64	116,751	-	-	5	-	144	303,517
STONE	-	-	-	-	-	-	-	9	4	391	860,725	-	-	5	4	587	1,340,591
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	252	529,217	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	9	1	449	1,075,401	-	-	10	4	707	1,506,693	-	-	12	5	834	1,881,676
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>SOUTH DAKOTA</b>																	
METAL	-	-	-	-	-	-	-	1	1	166	312,268	-	-	-	-	46	121,461
NONMETAL	-	-	-	-	-	-	-	-	-	11	10,366	-	-	-	-	19	31,259
STONE	-	-	-	-	-	-	-	3	2	226	425,167	-	-	7	5	169	348,005
SAND AND GRAVEL	-	-	-	-	-	-	1	1	2	398	532,684	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	1	5	5	801	1,280,485	-	-	7	5	234	500,725
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TENNESSEE</b>																	
METAL	-	13	4	588	1,156,093	-	-	-	-	-	-	-	-	2	1	101	187,533
NONMETAL	-	-	-	-	-	-	-	-	-	64	111,010	-	-	2	1	155	309,089
STONE	-	-	2	134	262,063	-	1	15	3	1,241	2,132,812	-	1	8	5	1,143	2,335,350
SAND AND GRAVEL	-	-	-	-	-	-	-	3	1	285	555,503	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	13	6	722	1,418,156	-	1	18	4	1,590	2,799,325	-	1	12	7	1,399	2,831,972
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	8,781

Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS					
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES					
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	
<b>TEXAS</b>																		
METAL	-	-	-	-	-	-	-	-	2	2,035	-	-	-	-	11	24,346		
NONMETAL	-	3	1	40	87,249	-	-	8	8	961	2,119,810	-	1	17	2	1,129	2,361,658	
STONE	-	3	-	19	42,683	-	2	33	17	4,185	9,423,542	-	-	34	10	2,605	6,042,548	
SAND AND GRAVEL	-	-	-	-	-	-	1	42	20	4,755	10,395,619	-	-	-	-	-	-	
<b>TOTAL, M/NM</b>	<b>-</b>	<b>6</b>	<b>1</b>	<b>59</b>	<b>129,932</b>	<b>-</b>	<b>3</b>	<b>83</b>	<b>45</b>	<b>9,903</b>	<b>21,941,006</b>	<b>-</b>	<b>1</b>	<b>51</b>	<b>12</b>	<b>3,645</b>	<b>8,428,552</b>	
<b>COAL</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>895</b>	<b>1,892,394</b>	<b>13,844,696</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
<b>UTAH</b>																		
METAL	-	1	2	133	257,758	-	-	9	1	1,246	2,641,651	-	-	3	5	623	1,292,714	
NONMETAL	-	2	7	113	175,743	-	-	2	1	164	294,400	-	-	5	5	310	645,608	
STONE	-	-	-	-	-	-	-	6	2	218	384,403	-	-	1	2	206	392,649	
SAND AND GRAVEL	-	-	-	-	-	-	-	7	10	1,478	2,201,458	-	-	-	-	-	-	
<b>TOTAL, M/NM</b>	<b>-</b>	<b>3</b>	<b>9</b>	<b>246</b>	<b>433,501</b>	<b>-</b>	<b>-</b>	<b>24</b>	<b>14</b>	<b>3,106</b>	<b>5,521,912</b>	<b>-</b>	<b>-</b>	<b>9</b>	<b>12</b>	<b>1,139</b>	<b>2,330,971</b>	
<b>COAL</b>	<b>-</b>	<b>15</b>	<b>8</b>	<b>1,183</b>	<b>2,416,171</b>	<b>6,853,915</b>	<b>-</b>	<b>1</b>	<b>2</b>	<b>32</b>	<b>56,241</b>	<b>66,659</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>126</b>	<b>179,080</b>	
<b>VERMONT</b>																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL	-	-	-	-	-	-	-	-	-	27	18,981	-	-	-	-	22	38,214	
STONE	-	1	-	32	68,652	-	-	6	2	423	623,541	-	-	7	2	256	434,465	
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	186	161,002	-	-	-	-	-	-	
<b>TOTAL, M/NM</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>32</b>	<b>68,652</b>	<b>-</b>	<b>-</b>	<b>7</b>	<b>2</b>	<b>636</b>	<b>803,524</b>	<b>-</b>	<b>-</b>	<b>7</b>	<b>2</b>	<b>278</b>	<b>472,679</b>	
<b>COAL</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
<b>VIRGIN ISLANDS OF THE U S</b>																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE	-	-	-	-	-	-	-	1	-	13	22,435	-	-	-	-	-	-	
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL, M/NM</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>13</b>	<b>22,435</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
<b>COAL</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
<b>VIRGINIA</b>																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL	-	-	-	-	-	-	-	-	-	43	58,277	-	-	1	2	198	401,892	
STONE	-	-	-	6	8,350	-	-	12	3	739	1,531,303	-	-	14	5	1,174	2,545,815	
SAND AND GRAVEL	-	-	-	-	-	-	-	3	-	256	454,364	-	-	-	-	-	-	
<b>TOTAL, M/NM</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6</b>	<b>8,350</b>	<b>-</b>	<b>-</b>	<b>15</b>	<b>3</b>	<b>1,038</b>	<b>2,043,944</b>	<b>-</b>	<b>-</b>	<b>15</b>	<b>7</b>	<b>1,372</b>	<b>2,947,707</b>	
<b>COAL</b>	<b>-</b>	<b>22</b>	<b>9</b>	<b>1,390</b>	<b>3,193,274</b>	<b>7,693,134</b>	<b>-</b>	<b>8</b>	<b>1</b>	<b>755</b>	<b>1,642,147</b>	<b>2,843,134</b>	<b>-</b>	<b>4</b>	<b>6</b>	<b>370</b>	<b>833,210</b>	

Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS					
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES					
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	
<b>WASHINGTON</b>																		
METAL	-	-	-	23	37,404	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL	-	-	-	-	-	-	-	1	-	34	60,867	-	-	1	-	60	118,728	
STONE	-	-	-	-	-	-	-	3	2	394	642,795	-	-	4	1	243	450,355	
SAND AND GRAVEL	-	-	-	-	-	-	-	11	7	931	1,616,700	-	-	-	-	-	-	
<b>TOTAL, M/NM</b>	-	-	-	23	37,404	-	-	15	9	1,359	2,320,362	-	-	5	1	303	569,083	
<b>COAL</b>	-	-	-	-	-	-	-	1	-	35	62,115	-	-	-	-	-	-	
<b>WEST VIRGINIA</b>																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	92,577	
NONMETAL	-	-	-	-	-	-	-	-	-	12	24,647	-	-	1	-	97	207,706	
STONE	-	4	-	109	245,645	-	-	3	-	251	449,146	-	-	7	1	331	611,086	
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	21	39,518	-	-	-	-	-	-	
<b>TOTAL, M/NM</b>	-	4	-	109	245,645	-	-	4	-	284	513,311	-	-	8	1	462	911,369	
<b>COAL</b>	2	349	112	9,487	22,259,766	67,331,563	-	32	11	2,838	6,490,028	17,059,484	-	18	14	1,863	4,192,234	
<b>WISCONSIN</b>																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL	-	-	-	-	-	-	-	4	7	552	983,919	-	-	2	2	263	513,890	
STONE	-	-	-	-	-	-	1	17	9	1,062	1,950,655	-	-	12	4	480	1,026,816	
SAND AND GRAVEL	-	-	-	-	-	-	-	13	15	1,088	1,551,640	-	-	-	-	-	-	
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	1	34	31	2,702	4,486,214	-	-	14	6	743	1,540,706	
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>WYOMING</b>																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL	-	20	4	774	1,512,852	-	-	9	2	280	580,823	-	-	27	7	1,601	3,280,340	
STONE	-	-	-	-	-	-	-	-	3	122	265,907	-	-	3	1	152	367,314	
SAND AND GRAVEL	-	-	-	-	-	-	-	2	4	408	457,665	-	-	-	-	-	-	
<b>TOTAL, M/NM</b>	-	20	4	774	1,512,852	-	-	11	9	810	1,304,395	-	-	30	8	1,753	3,647,654	
<b>COAL</b>	-	-	-	-	-	-	-	30	15	4,526	9,192,916	237,261,497	-	-	-	91	136,241	
<b>NATION</b>																		
METAL	2	110	46	8,452	16,427,918	-	-	263	70	15,910	31,514,464	-	-	185	66	12,952	27,192,299	
NONMETAL	-	61	23	2,794	5,719,718	-	-	84	39	7,019	13,713,150	-	1	153	56	11,536	23,739,692	
STONE	-	61	16	2,689	5,889,472	-	12	401	159	30,960	60,976,719	-	4	415	160	27,099	57,876,140	
SAND AND GRAVEL	-	-	-	-	-	-	4	303	152	34,192	58,596,887	-	-	-	-	10	8,654	
<b>TOTAL, M/NM</b>	2	232	85	13,935	28,037,008	-	16	1,051	420	88,081	164,801,220	-	5	753	282	51,597	108,816,785	
<b>COAL</b>	5	936	321	24,357	56,397,916	217,834,501	1	131	52	16,066	33,788,551	359,320,944	-	-	60	31	5,172	11,261,946

Table 4. NUMBER OF OPERATOR INJURIES BY MINERAL INDUSTRY, WORK LOCATION, AND ACCIDENT CLASSIFICATION

JANUARY - DECEMBER 2023 (PRELIMINARY)

Accident Classification	COAL									METAL								
	UNDERGROUND			SURFACE			PREPARATION PLANTS			UNDERGROUND			SURFACE			PREPARATION PLANTS		
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
Electrical	-	7	2	-	-	-	-	-	2	-	-	-	-	2	-	-	-	-
Entrapment	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Exploding vessels under pressure	-	9	2	-	3	-	-	-	2	-	-	1	1	-	-	1	1	-
Explosives and breaking agents	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Falling, rolling, or sliding material	-	2	2	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-
Fall of face, rib, pillar, side or highwall	-	22	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fall of roof or back	1	85	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fire	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-
Handling material	-	330	102	-	31	22	-	13	12	-	21	16	-	61	23	-	69	30
Handtools	-	57	62	-	7	8	-	6	7	-	9	3	-	15	12	-	20	15
Nonpowered haulage	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
<u>Powered haulage</u>	3	91	25	-	22	3	-	6	1	-	23	1	-	66	6	-	3	1
HAULAGE TRUCKS	-	4	2	-	16	2	-	3	1	-	6	-	-	47	3	-	1	-
FRONT-END LOADERS	1	24	9	-	6	1	-	3	-	-	9	-	-	11	-	-	2	-
ALL OTHER Powered haulage	2	63	14	-	-	-	-	-	-	-	8	1	-	8	3	-	-	1
Hoisting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ignition or explosion of gas or dust	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Impoundment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inundation	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<u>Machinery</u>	-	149	53	-	12	10	-	5	6	1	11	9	-	31	17	-	17	4
DOZER	-	-	-	-	4	2	-	1	-	-	-	-	-	10	-	-	-	-
DRILL	-	3	-	-	1	-	-	-	-	-	1	4	-	3	2	-	1	1
ALL OTHER Machinery	-	146	53	-	7	8	-	4	6	1	10	5	-	18	15	-	16	3
Slip or fall of person	-	134	23	-	49	9	-	24	4	-	31	7	-	67	6	-	52	9
Stepping or kneeling on object	-	27	-	-	2	-	-	-	1	-	4	-	-	7	-	-	9	-
Striking or bumping	-	8	7	-	-	-	-	-	-	-	1	3	-	1	2	-	1	-
Other	1	13	3	-	2	-	-	1	-	-	1	3	-	10	3	-	11	6
<b>Total</b>	<b>5</b>	<b>936</b>	<b>321</b>	<b>1</b>	<b>131</b>	<b>52</b>	<b>-</b>	<b>60</b>	<b>31</b>	<b>2</b>	<b>110</b>	<b>46</b>	<b>-</b>	<b>263</b>	<b>70</b>	<b>-</b>	<b>185</b>	<b>66</b>

Table 4. NUMBER OF OPERATOR INJURIES BY MINERAL INDUSTRY, WORK LOCATION, AND ACCIDENT CLASSIFICATION  
 JANUARY - DECEMBER 2023 (PRELIMINARY)

Accident Classification	NONMETAL									STONE									SAND / GRAVEL				
	UNDERGROUND			SURFACE			MILLS			UNDERGROUND			SURFACE			MILLS			SURFACE				
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL		
Electrical	-	-	-	-	-	1	-	-	-	-	-	1	2	1	-	-	5	-	-	-	1	-	
Entrapment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Exploding vessels under pressure	-	1	-	-	-	-	-	-	2	-	-	1	4	-	-	2	-	-	-	2	1	-	
Explosives and breaking agents	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Falling, rolling, or sliding material	-	1	-	-	-	1	-	-	1	-	-	1	2	-	-	1	-	-	-	1	-	-	
Fall of face, rib, pillar, side or highwall	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Fall of roof or back	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	
Fire	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	
Handling material	-	22	14	-	37	14	-	66	26	-	19	7	1	137	53	-	150	62	-	-	92	58	
Handtools	-	2	4	-	7	10	-	12	9	-	5	5	-	41	33	-	40	35	-	-	38	36	
Nonpowered haulage	-	-	-	-	1	-	-	1	-	-	-	-	1	-	-	3	-	-	-	-	1	-	
Powered haulage	-	4	-	-	13	2	-	8	2	-	7	-	4	47	13	1	26	6	-	-	1	39	9
HAULAGE TRUCKS	-	3	-	-	6	-	-	4	2	-	4	-	3	17	5	1	7	4	-	-	-	17	2
FRONT-END LOADERS	-	1	-	-	7	1	-	3	-	-	3	-	1	26	6	-	18	2	-	-	1	17	4
ALL OTHER Powered haulage	-	-	-	-	-	1	-	1	-	-	-	-	4	2	-	1	-	-	-	-	-	5	3
Hoisting	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ignition or explosion of gas or dust	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	
Impoundment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Inundation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Machinery	-	3	2	-	7	4	-	19	4	-	3	1	4	31	29	1	42	27	-	-	3	26	24
DOZER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	1
DRILL	-	1	-	-	-	-	-	2	-	-	-	-	-	-	3	-	8	3	-	-	-	-	1
ALL OTHER Machinery	-	2	2	-	7	4	-	17	4	-	3	1	4	31	25	1	34	24	-	-	3	25	22
Slip or fall of person	-	24	2	-	16	4	1	40	9	-	21	2	-	111	20	2	119	19	-	-	-	83	15
Stepping or kneeling on object	-	1	1	-	-	1	-	-	-	-	2	-	-	11	2	-	9	2	-	-	-	4	-
Striking or bumping	-	-	-	-	-	-	-	2	4	-	-	-	2	1	-	1	-	-	-	-	-	3	3
Other	-	2	-	-	3	2	-	3	1	-	1	-	1	9	7	-	16	8	-	-	-	12	6
<b>Total</b>	-	<b>61</b>	<b>23</b>	-	<b>84</b>	<b>39</b>	<b>1</b>	<b>153</b>	<b>56</b>	-	<b>61</b>	<b>16</b>	<b>12</b>	<b>401</b>	<b>159</b>	<b>4</b>	<b>415</b>	<b>160</b>	-	<b>4</b>	<b>303</b>	<b>152</b>	

TABLE 5. NUMBER OF CONTRACTOR INJURIES, INJURY-INCIDENCE RATES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS, AND PRODUCTION BY TYPE OF COAL MINED AND WORK LOCATION JANUARY - DECEMBER 2023 (PRELIMINARY)

TYPE OF COAL/WORK LOCATION	Fatal	Fatal IR	NFDL	NFDL IR	NDL	NDL IR	ALL OCCURENCES	ALL INCIDENT RATES	AVG # EMP	EMP HRS	PRODUCTION
<b>BITUMINOUS COAL</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND	-	-	65	-	22	-	87	-	-	-	-
SURFACE AT UG	-	-	19	-	6	-	25	-	-	-	-
TOTAL, UNDERGROUND MINES	-	-	84	-	28	-	112	-	-	-	-
<b>SURFACE MINES:</b>											
STRIP MINES	2	-	31	-	10	-	43	-	-	-	-
AUGER MINES	-	-	-	-	-	-	-	-	-	-	-
OTHER SURFACE MINES	-	-	2	-	-	-	2	-	-	-	-
CULM BANK	-	-	-	-	-	-	-	-	-	-	-
DREDGE	-	-	-	-	-	-	-	-	-	-	-
TOTAL, SURFACE MINES	2	-	33	-	10	-	45	-	-	-	-
TOTAL, PRODUCTION MINING	2	-	117	-	38	-	157	-	-	-	-
PREPARATION PLANTS	1	-	26	-	7	-	34	-	-	-	-
INDEPENDENT SHOPS OR YARDS	-	-	-	-	-	-	-	-	-	-	-
TOTAL, OTHER OPERATIONS	1	-	26	-	7	-	34	-	-	-	-
Total, BITUMINOUS COAL	3	-	143	-	45	-	191	-	-	-	-
<b>ANTHRACITE COAL</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND	-	-	-	-	-	-	-	-	-	-	-
SURFACE AT UG	-	-	-	-	-	-	-	-	-	-	-
TOTAL, UNDERGROUND MINES	-	-	-	-	-	-	-	-	-	-	-
<b>SURFACE MINES:</b>											
STRIP MINES	-	-	4	-	-	-	4	-	-	-	-
CULM BANK	-	-	-	-	-	-	-	-	-	-	-
DREDGE	-	-	-	-	-	-	-	-	-	-	-
TOTAL, SURFACE MINES	-	-	4	-	-	-	4	-	-	-	-
TOTAL, PRODUCTION MINING	-	-	4	-	-	-	4	-	-	-	-
PREPARATION PLANTS	-	-	-	-	-	-	-	-	-	-	-
INDEPENDENT SHOPS OR YARDS	-	-	-	-	-	-	-	-	-	-	-
TOTAL, OTHER OPERATIONS	-	-	-	-	-	-	-	-	-	-	-
Total, ANTHRACITE COAL	-	-	4	-	-	-	4	-	-	-	-
<b>ALL COAL</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND	-	-	65	2.302	22	0.779	87	3.082	4,123	5,646,486	306,384
SURFACE AT UG	-	-	19	0.973	6	0.307	25	1.281	4,151	3,903,474	-
TOTAL, UNDERGROUND MINES	-	-	84	1.759	28	0.586	112	2.346	8,274	9,549,960	306,384
<b>SURFACE MINES:</b>											
STRIP MINES	2	0.044	35	0.770	10	0.220	47	1.034	7,617	9,091,120	307,450
AUGER MINES	-	-	-	-	-	-	-	-	83	77,473	-
CULM BANK	-	-	2	0.987	-	-	2	0.987	291	405,224	349,356
DREDGE	-	-	-	-	-	-	-	-	25	14,849	-
TOTAL, SURFACE MINES	2	0.042	37	0.772	10	0.209	49	1.022	8,016	9,588,666	656,806
TOTAL, PRODUCTION MINING	2	0.021	121	1.264	38	0.397	161	1.682	16,290	19,138,626	963,190
PREPARATION PLANTS	1	0.046	26	1.205	7	0.324	34	1.575	4,179	4,316,757	-
INDEPENDENT SHOPS/YARDS	-	-	-	-	-	-	-	-	41	86,552	-
TOTAL, OTHER OPERATIONS	1	0.045	26	1.181	7	0.318	34	1.544	4,220	4,403,309	-
Total, ALL COAL	3	0.025	147	1.249	45	0.382	195	1.657	20,510	23,541,935	963,190
<b>OFFICEWORKERS</b>											
BITUMINOUS COAL	-	-	-	-	-	-	-	-	-	-	-
ANTHRACITE COAL	-	-	-	-	-	-	-	-	-	-	-
TOTAL, OFFICEWORKERS	-	-	-	-	-	-	-	-	503	630,914	-
GRAND TOTAL	3	0.025	147	1.216	45	0.372	195	1.613	21,013	24,172,849	963,190

TABLE 6. NUMBER OF CONTRACTOR INJURIES, INJURY-INCIDENCE RATES, AVERAGE NUMBER OF EMPLOYEES, AND EMPLOYEE HOURS BY WORK LOCATION AND MINERAL INDUSTRY JANUARY - DECEMBER 2023 (PRELIMINARY)

WORK LOCATION/MINERAL INDUSTRY	Fatal	Fatal IR	NFDL	NFDL IR	NDL	NDL IR	All OCCURENCES	ALL INCIDENT RATES	AVG # EMP	EMP HRS
<b>UNDERGROUND MINES</b>	-	-	-	-	-	-	-	-	-	-
METAL	1	-	31	0.685	24	0.531	56	1.238	-	-
NONMETAL	-	-	3	-	1	-	4	-	-	-
STONE	-	-	6	-	2	-	8	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, UNDERGROUND MINES</b>	<b>1</b>	<b>-</b>	<b>40</b>	<b>0.884</b>	<b>27</b>	<b>0.597</b>	<b>68</b>	<b>1.503</b>	<b>8,225</b>	<b>9,045,842</b>
<b>SURFACE MINES</b>	-	-	-	-	-	-	-	-	-	-
METAL	1	-	65	0.270	31	0.129	97	0.403	-	-
NONMETAL	3	-	13	-	11	-	27	-	-	-
STONE	1	-	63	-	24	-	88	-	-	-
SAND AND GRAVEL	2	-	20	-	10	-	32	-	-	-
<b>TOTAL, SURFACE MINES</b>	<b>7</b>	<b>-</b>	<b>161</b>	<b>0.670</b>	<b>76</b>	<b>0.316</b>	<b>244</b>	<b>1.015</b>	<b>45,867</b>	<b>48,092,610</b>
<b>TOTAL, MINES</b>	<b>8</b>	<b>0.028</b>	<b>201</b>	<b>0.704</b>	<b>103</b>	<b>0.361</b>	<b>312</b>	<b>1.092</b>	<b>54,092</b>	<b>57,138,452</b>
<b>MILLS</b>	-	-	-	-	-	-	-	-	-	-
METAL	-	-	25	0.215	22	0.189	47	0.404	-	-
NONMETAL	-	-	8	-	1	-	9	-	-	-
STONE	-	-	31	-	27	-	58	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, MILLS</b>	<b>-</b>	<b>-</b>	<b>64</b>	<b>0.551</b>	<b>50</b>	<b>0.430</b>	<b>114</b>	<b>0.981</b>	<b>18,196</b>	<b>23,250,990</b>
<b>INDEPENDENT SHOPS AND YARDS</b>	-	-	-	-	-	-	-	-	-	-
METAL	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, INDEPENDENT SHOPS AND YARDS</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>14</b>	<b>8,097</b>
<b>ALL MINES, MILLS AND SHOPS</b>	-	-	-	-	-	-	-	-	-	-
METAL	2	-	121	0.301	77	0.192	200	0.498	-	-
NONMETAL	3	-	24	-	13	-	40	-	-	-
STONE	1	-	100	-	53	-	154	-	-	-
SAND AND GRAVEL	2	-	20	-	10	-	32	-	-	-
<b>TOTAL, ALL MINES, MILLS AND SHOPS</b>	<b>8</b>	<b>0.020</b>	<b>265</b>	<b>0.659</b>	<b>153</b>	<b>0.381</b>	<b>426</b>	<b>1.060</b>	<b>72,302</b>	<b>80,397,539</b>
<b>OFFICEWORKERS</b>	-	-	-	-	-	-	-	-	-	-
METAL	-	-	1	0.068	1	0.068	2	0.137	-	-
NONMETAL	-	-	-	-	2	-	2	-	-	-
STONE	-	-	1	-	-	-	1	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, OFFICEWORKERS</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>0.137</b>	<b>3</b>	<b>0.205</b>	<b>5</b>	<b>0.342</b>	<b>2,376</b>	<b>2,925,628</b>
<b>SUMMARY TOTAL (INCLUDING OFFICEWORKERS)</b>	-	-	-	-	-	-	-	-	-	-
METAL	2	-	122	0.293	78	0.187	202	0.485	-	-
NONMETAL	3	-	24	-	15	-	42	-	-	-
STONE	1	-	101	-	53	-	155	-	-	-
SAND AND GRAVEL	2	-	20	-	10	-	32	-	-	-
<b>GRAND TOTAL</b>	<b>8</b>	<b>0.019</b>	<b>267</b>	<b>0.641</b>	<b>156</b>	<b>0.374</b>	<b>431</b>	<b>1.035</b>	<b>74,678</b>	<b>83,323,167</b>

Table 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS					
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES						Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES					
	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production							Fatal	NFDL	NDL	AVG # EMP	EMP HRS	
<b>ALABAMA</b>																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
STONE	-	-	-	-	-	-	-	4	2	-	-	-	-	1	1	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	4	2	-	-	-	-	2	1	-	-	-
<b>COAL</b>	-	8	5	-	-	-	-	4	1	-	-	-	-	-	-	-	-	-
<b>ALASKA</b>																		
METAL	-	7	1	-	-	-	-	3	1	-	-	-	-	1	6	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	7	1	-	-	-	-	3	1	-	-	-	-	1	6	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>ARIZONA</b>																		
METAL	-	1	4	-	-	-	-	26	14	-	-	-	-	11	8	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	1	4	-	-	-	-	27	17	-	-	-	-	12	8	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
<b>ARKANSAS</b>																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>CALIFORNIA</b>																		
METAL	-	-	-	-	-	-	-	3	-	-	-	-	-	2	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-
STONE	-	-	-	-	-	-	-	3	1	-	-	-	-	5	2	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	1	7	2	-	-	-	-	7	3	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Table 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS					
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES					
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	
<b>COLORADO</b>																		
METAL	-	1	1	-	-	-	-	8	4	-	-	-	-	1	2	-	-	-
NONMETAL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	2	-	-	-	-	-	-	2	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	1	1	-	-	-	-	12	4	-	-	-	-	1	4	-	-	-
<b>COAL</b>	-	5	1	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
<b>COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS</b>																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>CONNECTICUT</b>																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>DELAWARE</b>																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>FLORIDA</b>																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	2	3	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	9	1	-	-	-	-	-	2	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	12	4	-	-	-	-	-	2	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES			AVG # EMP	EMP HRS
	Fatal	NFDL	NDL				Fatal	NFDL	NDL				Fatal	NFDL	NDL		
<b>GEORGIA</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	3	3	-	-	-	-	-	3	-	-	-
STONE	-	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	3	6	3	-	-	-	-	3	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>GUAM</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>HAWAII</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>IDAHO</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	-	4	2	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>ILLINOIS</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
<b>COAL</b>	-	4	6	-	-	-	-	1	-	-	-	-	-	3	1	-	-

Table 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES				
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
<b>INDIANA</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	2	-	-	-	-	-	-	1	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	2	-	-	-	-	-	-	1	-	-
<b>COAL</b>	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-
<b>IOWA</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	1	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	2	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>KANSAS</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>KENTUCKY</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
STONE	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	1	1	1	-	-	-	-	1	-	-	-
<b>COAL</b>	-	4	1	-	-	-	1	1	-	-	-	-	-	1	-	-	-
<b>LOUISIANA</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES				
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
<b>MAINE</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>MARYLAND</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
<b>MASSACHUSETTS</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>MICHIGAN</b>																	
METAL	-	5	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	5	-	-	-	-	-	3	-	-	-	-	-	3	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>MINNESOTA</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES				
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
<b>MISSISSIPPI</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>MISSOURI</b>																	
METAL	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
STONE	-	3	-	-	-	-	-	4	-	-	-	-	-	1	2	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	4	-	-	-	-	-	4	1	-	-	-	-	1	2	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>MONTANA</b>																	
METAL	1	4	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	1	4	7	-	-	-	-	1	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>NEBRASKA</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>NEVADA</b>																	
METAL	-	7	10	-	-	-	1	20	9	-	-	-	-	1	5	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	7	10	-	-	-	1	20	9	-	-	-	-	1	7	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES				
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
<b>NEW HAMPSHIRE</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>NEW JERSEY</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>NEW MEXICO</b>																	
METAL	-	-	-	-	-	-	-	4	1	-	-	-	-	2	-	-	-
NONMETAL	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	1	1	-	-	-	-	4	1	-	-	-	-	2	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>NEW YORK</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>NORTH CAROLINA</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	2	1	-	-	-	-	1	-	-	-
STONE	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, MNM</b>	-	-	-	-	-	-	-	3	3	-	-	-	-	1	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES			AVG # EMP	EMP HRS
	Fatal	NFDL	NDL				Fatal	NFDL	NDL				Fatal	NFDL	NDL		
<b>NORTH DAKOTA</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
<b>OHIO</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	1	-	-	-	-	1	1	-	-	-	-	4	2	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	1	-	-	-	-	1	2	-	-	-	-	4	2	-	-
<b>COAL</b>	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
<b>OKLAHOMA</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>OREGON</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>PENNSYLVANIA</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	7	3	-	-	-	-	2	3	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	7	3	-	-	-	-	2	3	-	-
<b>BITUMINOUS COAL</b>	-	20	7	-	-	-	-	1	-	-	-	-	-	4	2	-	-
<b>ARTHACITE COAL</b>	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	20	7	-	-	-	-	5	-	-	-	-	-	4	2	-	-

Table 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES			AVG # EMP	EMP HRS
	Fatal	NFDL	NDL				Fatal	NFDL	NDL				Fatal	NFDL	NDL		
<b>PUERTO RICO</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>RHODE ISLAND</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>SOUTH CAROLINA</b>																	
METAL	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	1	-	-	-	-	1	1	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	1	-	-	-	-	-	2	2	-	-	-	-	1	1	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>SOUTH DAKOTA</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TENNESSEE</b>																	
METAL	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	1	1	-	-	-	-	-	-	-	-	-	-	4	1	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	3	1	-	-	-	-	-	1	-	-	-	-	4	1	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Table 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES				
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
<b>TEXAS</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-
STONE	-	-	-	-	-	-	-	7	2	-	-	-	-	8	2	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	5	3	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	12	6	-	-	-	-	9	2	-	-
<b>COAL</b>	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-	-	-
<b>UTAH</b>																	
METAL	-	2	1	-	-	-	-	-	2	-	-	-	-	1	1	-	-
NONMETAL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	2	1	-	-	-	-	1	2	2	-	-	-	1	2	-	-
<b>COAL</b>	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VERMONT</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VIRGIN ISLANDS OF THE U S</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VIRGINIA</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	3	4	-	-	-	-	2	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	6	4	-	-	-	-	2	-	-	-
<b>COAL</b>	-	2	-	-	-	-	-	1	-	-	-	-	-	3	1	-	-

Table 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - DECEMBER 2023 (PRELIMINARY)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES				
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
<b>WASHINGTON</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>WEST VIRGINIA</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
<b>COAL</b>	-	36	6	-	-	-	1	8	3	-	-	-	-	12	1	-	-
<b>WISCONSIN</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>WYOMING</b>																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
<b>COAL</b>	-	-	-	-	-	-	-	11	3	-	-	-	-	2	1	-	-
<b>NATION</b>																	
METAL	1	31	24	-	-	-	1	65	31	-	-	-	-	25	22	-	-
NONMETAL	-	3	1	-	-	-	3	13	11	-	-	-	-	8	1	-	-
STONE	-	6	2	-	-	-	1	63	24	-	-	-	-	31	27	-	-
SAND AND GRAVEL	-	-	-	-	-	-	2	20	10	-	-	-	-	-	-	-	-
<b>TOTAL, M/NM</b>	1	40	27	8,225	9,045,842	-	7	161	76	45,867	48,092,610	-	-	64	50	18,210	23,259,087
<b>COAL</b>	-	84	28	8,274	9,549,960	306,384	2	37	10	8,016	9,588,666	656,806	1	26	7	4,220	4,403,309

Table 8. NUMBER OF CONTRACTOR INJURIES BY MINERAL INDUSTRY, WORK LOCATION, AND ACCIDENT CLASSIFICATION

JANUARY - DECEMBER 2023 (PRELIMINARY)

Accident Classification	COAL									METAL								
	UNDERGROUND			SURFACE			PREPARATION PLANTS			UNDERGROUND			SURFACE			PREPARATION PLANTS		
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
Electrical	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2
Entrapment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exploding vessels under pressure	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Explosives and breaking agents	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Falling, rolling, or sliding material	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Fall of face, rib, pillar, side or highwall	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Fall of roof or back	-	3	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
Fire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Handling material	-	30	18	-	8	7	-	10	3	-	10	8	-	22	15	-	7	7
Handtools	-	8	2	-	2	-	-	4	2	-	1	4	-	9	7	-	-	3
Nonpowered haulage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<u>Powered haulage</u>	-	7	2	-	5	-	-	2	-	-	4	1	1	8	1	-	1	1
HAULAGE TRUCKS	-	1	-	-	1	-	-	2	-	-	3	1	1	7	1	-	-	1
FRONT-END LOADERS	-	1	1	-	3	-	-	-	-	-	1	-	-	1	-	-	-	-
ALL OTHER Powered haulage	-	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Hoisting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ignition or explosion of gas or dust	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Impoundment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inundation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<u>Machinery</u>	-	10	3	2	4	1	1	3	1	1	3	7	-	5	2	-	4	5
DOZER	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
DRILL	-	2	-	-	1	-	-	-	-	-	3	3	-	2	-	-	1	1
ALL OTHER Machinery	-	8	3	1	2	1	1	3	1	1	-	4	-	3	2	-	3	4
Slip or fall of person	-	18	1	-	15	1	-	7	1	-	4	3	-	12	4	-	10	3
Stepping or kneeling on object	-	3	-	-	1	-	-	-	-	-	1	-	-	3	-	-	2	-
Striking or bumping	-	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-
Other	-	3	-	-	1	1	-	-	-	-	-	1	-	3	1	-	1	1
<b>Total</b>	-	84	28	2	37	10	1	26	7	1	31	24	1	65	31	-	25	22

Table 8. NUMBER OF CONTRACTOR INJURIES BY MINERAL INDUSTRY, WORK LOCATION, AND ACCIDENT CLASSIFICATION  
 JANUARY - DECEMBER 2023 (PRELIMINARY)

Accident Classification	NONMETAL									STONE									SAND / GRAVEL		
	UNDERGROUND			SURFACE			MILLS			UNDERGROUND			SURFACE			MILLS			SURFACE		
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
Electrical	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Entrapment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exploding vessels under pressure	-	-	-	-	-	2	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-
Explosives and breaking agents	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Falling, rolling, or sliding material	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Fall of face, rib, pillar, side or highwall	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Fall of roof or back	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fire	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Handling material	-	-	1	-	4	5	-	1	-	-	2	1	-	14	9	-	8	16	-	7	3
Handtools	-	1	-	-	1	1	-	1	-	-	1	1	-	5	6	-	3	4	-	1	2
Nonpowered haulage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Powered haulage	-	1	-	-	2	-	-	4	-	-	-	-	-	8	1	-	2	-	-	-	2
HAULAGE TRUCKS	-	1	-	-	1	-	-	1	-	-	-	-	-	7	-	-	1	-	-	-	2
FRONT-END LOADERS	-	-	-	-	1	-	-	1	-	-	-	-	-	1	1	-	1	-	-	-	-
ALL OTHER Powered haulage	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Hoisting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ignition or explosion of gas or dust	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Impoundment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inundation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	1	-	-	1	-	-	1	-	1	10	4	-	4	4	2	3	3
DOZER	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	1	-
DRILL	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	-	-	-	2	-
ALL OTHER Machinery	-	-	-	-	1	-	-	1	-	-	1	-	8	3	-	4	4	-	1	-	3
Slip or fall of person	-	1	-	-	5	1	-	1	1	-	1	-	-	18	3	-	13	-	-	8	-
Stepping or kneeling on object	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
Striking or bumping	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-
Other	-	-	-	-	-	1	-	-	-	-	-	-	-	4	-	-	-	1	-	1	-
<b>Total</b>	-	<b>3</b>	<b>1</b>	<b>3</b>	<b>13</b>	<b>11</b>	-	<b>8</b>	<b>1</b>	-	<b>6</b>	<b>2</b>	<b>1</b>	<b>63</b>	<b>24</b>	-	<b>31</b>	<b>27</b>	<b>2</b>	<b>20</b>	<b>10</b>