Mine Injury and Worktime, Quarterly

U.S. Department of Labor
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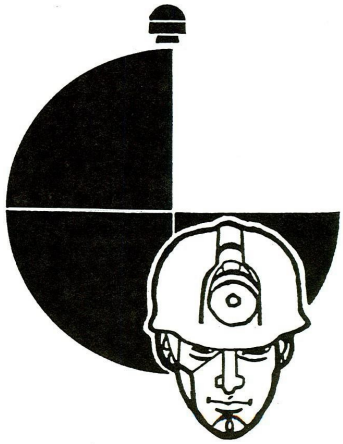


This publication has been reviewed and approved for distribution to the mining public by the Office of the Assistant Secretary for Mine Safety and Health.

CONTENTS

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 than 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 that first aid.

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

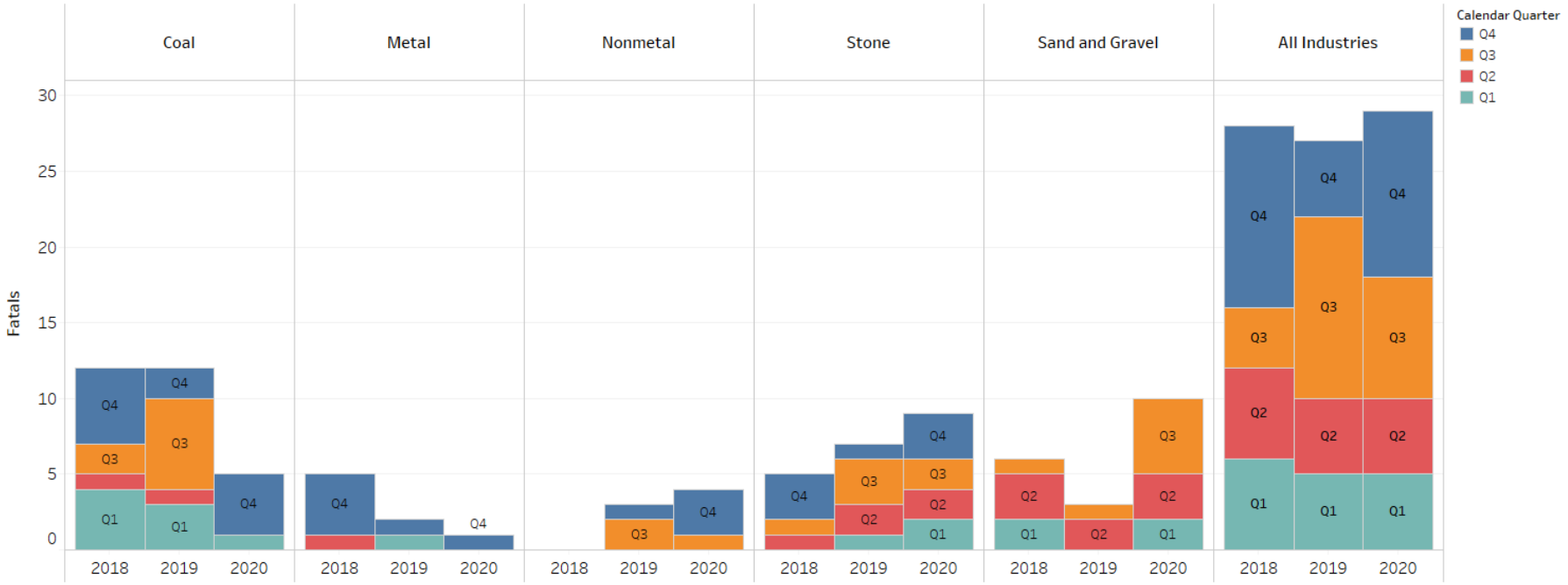
$$IR = (\text{Number of Injury Occurrences} \div \text{Number of Employee Hours}) \times 200{,}000$$

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 2018, 2019 and 2020



Note: CY 2018-2020 data is Final. See page 1 for details.

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 2020 (FINAL)

TYPE OF COAL/WORK LOCATION	Fatal	Fatal IR	NFDL	NFDL IR	NDL	NDL IR	All OCCURENCES	ALL INCIDENT RATES	AVG # EMP	EMP HRS	PRODUCTION
BITUMINOUS COAL											
UNDERGROUND MINES:											
UNDERGROUND	2	0.009	758	3.468	231	1.057	991	4.534	20,445	43,717,554	195,466,700
SURFACE AT UG	1	0.064	29	1.844	11	0.700	41	2.607	1,539	3,144,842	-
TOTAL, UNDERGROUND MINES	3	0.013	787	3.359	242	1.033	1,032	4.404	21,984	46,862,396	195,466,700
SURFACE MINES:											
STRIP MINES	-	-	117	0.809	52	0.359	169	1.168	14,587	28,931,496	335,984,508
AUGER MINES	-	-	-	-	-	-	-	-	225	275,922	1,335,964
OTHER SURFACE MINES	-	-	-	-	1	1.497	1	1.497	93	133,638	382,475
TOTAL, SURFACE MINES	-	-	117	0.798	53	0.361	170	1.159	14,905	29,341,056	337,702,947
TOTAL, PRODUCTION MINING	3	0.008	904	2.373	295	0.774	1,202	3.155	36,889	76,203,452	533,169,647
PREPARATION PLANTS	-	-	49	1.173	25	0.599	74	1.772	4,081	8,351,177	-
INDEPENDENT SHOPS OR YARDS	-	-	1	0.682	1	0.682	2	1.364	145	293,202	-
TOTAL, OTHER OPERATIONS	-	-	50	1.157	26	0.602	76	1.758	4,226	8,644,379	-
Total, BITUMINOUS COAL	3	0.007	954	2.249	321	0.757	1,278	3.012	41,115	84,847,831	533,169,647
ANTHRACITE COAL											
UNDERGROUND MINES:											
UNDERGROUND	1	3.750	-	-	-	-	1	3.750	35	53,338	63,088
SURFACE AT UG	-	-	-	-	-	-	-	-	11	14,360	-
TOTAL, UNDERGROUND MINES	1	2.954	-	-	-	-	1	2.954	46	67,698	63,088
SURFACE MINES:											
STRIP MINES	-	-	18	4.413	1	0.245	19	4.658	450	815,741	2,288,470
CULM BANK	-	-	1	1.985	-	-	1	1.985	79	100,779	20,859
TOTAL, SURFACE MINES	-	-	19	4.146	1	0.218	20	4.364	529	916,520	2,309,329
TOTAL, PRODUCTION MINING	1	0.203	19	3.861	1	0.203	21	4.267	575	984,218	2,372,417
PREPARATION PLANTS	-	-	23	6.443	-	-	23	6.443	377	713,906	-
INDEPENDENT SHOPS OR YARDS	-	-	-	-	-	-	-	-	4	7,268	-
TOTAL, OTHER OPERATIONS	-	-	23	6.378	-	-	23	6.378	381	721,174	-
Total, ANTHRACITE COAL	1	0.117	42	4.926	1	0.117	44	5.160	956	1,705,392	2,372,417
ALL COAL											
UNDERGROUND MINES:											
UNDERGROUND	3	0.014	758	3.463	231	1.055	992	4.533	20,480	43,770,892	195,529,788
SURFACE AT UG	1	0.063	29	1.836	11	0.696	41	2.596	1,550	3,159,202	-
TOTAL, UNDERGROUND MINES	4	0.017	787	3.354	242	1.031	1,033	4.402	22,030	46,930,094	195,529,788
SURFACE MINES:											
STRIP MINES	-	-	135	0.908	53	0.356	188	1.264	15,037	29,747,237	338,272,978
AUGER MINES	-	-	-	-	-	-	-	-	225	275,922	1,335,964
CULM BANK	-	-	1	0.880	1	0.880	2	1.759	166	227,347	403,334
DREDGE	-	-	-	-	-	-	-	-	6	7,070	-
TOTAL, SURFACE MINES	-	-	136	0.899	54	0.357	190	1.256	15,434	30,257,576	340,012,276
TOTAL, PRODUCTION MINING	4	0.010	923	2.392	296	0.767	1,223	3.169	37,464	77,187,670	535,542,064
PREPARATION PLANTS	-	-	72	1.589	25	0.552	97	2.140	4,458	9,065,083	-
INDEPENDENT SHOPS/YARDS	-	-	1	0.666	1	0.666	2	1.331	149	300,470	-
TOTAL, OTHER OPERATIONS	-	-	73	1.559	26	0.555	99	2.114	4,607	9,365,553	-
Total, ALL COAL	4	0.009	996	2.301	322	0.744	1,322	3.055	42,071	86,553,223	535,542,064
OFFICEWORKERS											
BITUMINOUS COAL	-	-	1	0.073	4	0.292	5	0.366	1,587	2,735,746	-
ANTHRACITE COAL	-	-	-	-	-	-	-	-	91	155,358	-
TOTAL, OFFICEWORKERS	-	-	1	0.069	4	0.277	5	0.346	1,678	2,891,104	-
GRAND TOTAL	4	0.009	997	2.229	326	0.729	1,327	2.967	43,749	89,444,327	535,542,064

TABLE 2. NUMBER OF OPERATOR INJURIES, INJURY-INCIDENCE RATES, AVERAGE NUMBER OF EMPLOYEES, AND EMPLOYEE HOURS BY WORK LOCATION AND MINERAL INDUSTRY
JANUARY - DECEMBER 2020 (FINAL)

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	-	-	106	1.416	53	0.708	159	2.124	7,320	14,973,052
NONMETAL	2	0.078	49	1.923	19	0.746	70	2.747	2,738	5,095,593
STONE	2	0.073	51	1.874	23	0.845	76	2.792	2,585	5,443,642
TOTAL, UNDERGROUND MINES	4	0.031	206	1.615	95	0.745	305	2.391	12,643	25,512,287
SURFACE MINES										
METAL	1	0.007	204	1.340	63	0.414	268	1.761	14,817	30,436,986
NONMETAL	-	-	74	1.260	26	0.443	100	1.703	6,460	11,744,195
STONE	5	0.018	404	1.431	138	0.489	547	1.938	29,202	56,454,417
SAND AND GRAVEL	8	0.030	276	1.019	129	0.476	413	1.525	32,043	54,160,385
TOTAL, SURFACE MINES	14	0.018	958	1.254	356	0.466	1,328	1.738	82,522	152,795,983
TOTAL, MINES	18	0.020	1,164	1.306	451	0.506	1,633	1.832	95,165	178,308,270
MILLS										
METAL	-	-	164	1.264	59	0.455	223	1.718	12,472	25,955,237
NONMETAL	2	0.019	156	1.464	61	0.572	219	2.055	10,867	21,315,039
STONE	1	0.004	411	1.515	194	0.715	606	2.233	25,892	54,275,051
TOTAL, MILLS	3	0.006	731	1.440	314	0.618	1,048	2.064	49,231	101,545,327
INDEPENDENT SHOPS AND YARDS										
STONE	-	-	-	-	-	-	-	-	41	54,696
SAND AND GRAVEL	-	-	-	-	-	-	-	-	5	1,935
TOTAL, INDEPENDENT SHOPS AND YARDS	-	-	-	-	-	-	-	-	46	56,631
ALL MINES, MILLS AND SHOPS										
METAL	1	0.003	474	1.328	175	0.490	650	1.822	34,609	71,365,275
NONMETAL	4	0.021	279	1.462	106	0.556	389	2.039	20,065	38,154,827
STONE	8	0.014	866	1.490	355	0.611	1,229	2.115	57,720	116,227,806
SAND AND GRAVEL	8	0.030	276	1.019	129	0.476	413	1.525	32,048	54,162,320
TOTAL, ALL MINES, MILLS AND SHOPS	21	0.015	1,895	1.354	765	0.547	2,681	1.916	144,442	279,910,228
OFFICEWORKERS										
METAL	-	-	5	0.119	5	0.119	10	0.238	4,547	8,414,554
NONMETAL	-	-	1	0.028	2	0.056	3	0.084	3,877	7,108,716
STONE	-	-	2	0.021	7	0.074	9	0.096	10,255	18,841,659
SAND AND GRAVEL	-	-	2	0.058	3	0.087	5	0.145	5,872	6,894,924
TOTAL, OFFICEWORKERS	-	-	10	0.048	17	0.082	27	0.131	24,551	41,259,853
SUMMARY TOTAL (INCLUDING OFFICEWORKERS)										
METAL	1	0.003	479	1.201	180	0.451	660	1.655	39,156	79,779,829
NONMETAL	4	0.018	280	1.237	108	0.477	392	1.732	23,942	45,263,543
STONE	8	0.012	868	1.285	362	0.536	1,238	1.833	67,975	135,069,465
SAND AND GRAVEL	8	0.026	278	0.911	132	0.432	418	1.369	37,920	61,057,244
GRAND TOTAL	21	0.013	1,905	1.186	782	0.487	2,708	1.686	168,993	321,170,081

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

JANUARY - DECEMBER 2020 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
ALABAMA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	64,067
NONMETAL	-	-	-	-	-	-	-	1	-	74	120,371	-	-	1	-	123	219,775
STONE	-	-	-	8	12,418	-	-	9	4	740	1,545,264	-	-	14	5	1,447	3,148,911
SAND AND GRAVEL	-	-	-	-	-	-	-	9	1	521	1,083,197	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	8	12,418	-	-	19	5	1,335	2,748,832	-	-	15	5	1,597	3,432,753
COAL	-	106	19	1,876	4,718,382	10,450,716	-	5	-	378	789,018	1,700,680	-	6	-	255	549,374
ALASKA																	
METAL	-	12	6	909	1,917,930	-	-	2	5	718	1,635,839	-	-	4	3	528	1,335,136
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	110	111,102	-	-	-	-	9	12,137
SAND AND GRAVEL	-	-	-	-	-	-	-	4	-	415	307,787	-	-	-	-	-	-
TOTAL, M/NM	-	12	6	909	1,917,930	-	-	7	5	1,243	2,054,728	-	-	4	3	537	1,347,273
COAL	-	-	-	-	-	-	-	2	-	82	164,660	1,020,870	-	-	-	3	5,335
ARIZONA																	
METAL	-	2	1	179	340,727	-	-	100	18	4,149	8,253,458	-	-	77	14	3,709	7,568,260
NONMETAL	-	-	-	-	-	-	-	-	-	55	94,287	-	-	1	-	20	33,165
STONE	-	-	-	-	-	-	-	8	1	498	974,394	-	-	5	4	266	556,025
SAND AND GRAVEL	-	-	-	-	-	-	-	22	7	1,407	2,733,931	-	-	-	-	-	-
TOTAL, M/NM	-	2	1	179	340,727	-	-	130	26	6,109	12,056,070	-	-	83	18	3,995	8,157,450
COAL	-	-	-	-	-	-	-	-	1	12	24,656	-	-	-	-	-	-
ARKANSAS																	
METAL	-	-	-	-	-	-	-	-	-	15	32,596	-	-	6	-	227	425,081
NONMETAL	-	-	-	-	-	-	-	1	-	128	213,412	-	-	1	1	46	57,799
STONE	-	-	-	19	24,525	-	-	3	2	825	1,706,905	-	-	7	3	495	1,010,227
SAND AND GRAVEL	-	-	-	-	-	-	-	2	1	396	855,575	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	19	24,525	-	-	6	3	1,364	2,808,488	-	-	14	4	768	1,493,107
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA																	
METAL	-	-	-	22	17,233	-	-	7	4	455	910,151	-	-	8	3	284	570,799
NONMETAL	-	-	-	5	3,637	-	-	12	-	551	1,025,674	-	-	7	1	776	1,513,346
STONE	-	-	-	-	-	-	-	13	5	1,036	1,912,824	-	1	17	8	1,061	2,218,270
SAND AND GRAVEL	-	-	-	-	-	-	1	29	11	2,789	5,452,478	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	27	20,870	-	1	61	20	4,831	9,301,127	-	1	32	12	2,121	4,302,415
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

JANUARY - DECEMBER 2020 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
COLORADO																	
METAL	-	6	4	256	478,899	-	-	9	1	414	857,092	-	-	6	4	443	875,088
NONMETAL	-	-	-	10	11,512	-	-	1	-	44	93,248	-	-	-	-	6	5,815
STONE	-	-	-	29	53,314	-	1	5	3	392	758,696	-	-	7	5	322	642,499
SAND AND GRAVEL	-	-	-	-	-	-	-	10	4	1,234	1,993,378	-	-	-	-	-	-
TOTAL, M/NM	-	6	4	295	543,725	-	1	25	8	2,084	3,702,414	-	-	13	9	771	1,523,402
COAL	-	7	2	608	1,180,383	6,208,730	-	8	1	322	634,242	3,847,604	-	-	-	79	141,775
COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	103	159,863	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	103	159,863	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONNECTICUT																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	4	-	293	506,795	-	-	2	-	102	199,808
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	208	290,122	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	5	-	501	796,917	-	-	2	-	102	199,808
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DELAWARE																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	28,220
NONMETAL	-	-	-	-	-	-	-	-	-	15	22,423	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	26	63,265	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	41	85,688	-	-	-	-	19	28,220
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA																	
METAL	-	-	-	-	-	-	-	-	-	27	25,752	-	-	-	-	149	241,855
NONMETAL	-	-	-	-	-	-	-	14	6	859	1,883,221	-	-	11	2	485	1,046,443
STONE	-	-	-	-	-	-	-	8	4	1,167	2,744,093	-	-	16	11	1,096	2,381,134
SAND AND GRAVEL	-	-	-	-	-	-	-	3	4	492	980,509	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	25	14	2,545	5,633,575	-	-	27	13	1,730	3,669,432
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

JANUARY - DECEMBER 2020 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
GEORGIA																	
METAL	-	-	-	-	-	-	-	-	-	4	1,795	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	5	1	317	558,704	-	-	12	5	2,034	3,992,194
STONE	1	3	-	107	190,093	-	-	11	3	802	1,645,277	-	-	7	4	1,077	2,446,944
SAND AND GRAVEL	-	-	-	-	-	-	1	2	1	266	529,018	-	-	-	-	-	-
TOTAL, M/NM	1	3	-	107	190,093	-	1	18	5	1,389	2,734,794	-	-	19	9	3,111	6,439,138
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUAM																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	52	29,480	-	-	-	-	63	49,814
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	67	104,997	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	119	134,477	-	-	-	-	63	49,814
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAWAII																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	12	-	241	507,323	-	-	-	-	30	62,083
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	48	40,024	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	13	-	289	547,347	-	-	-	-	30	62,083
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO																	
METAL	-	11	5	465	861,105	-	-	-	-	3	3,993	-	-	2	1	128	227,449
NONMETAL	-	-	-	-	-	-	-	4	2	359	655,123	-	-	-	1	135	227,406
STONE	-	-	-	-	-	-	-	-	-	223	217,530	-	-	-	1	25	48,000
SAND AND GRAVEL	-	-	-	-	-	-	-	6	5	740	1,037,348	-	-	-	-	-	-
TOTAL, M/NM	-	11	5	465	861,105	-	-	10	7	1,325	1,913,994	-	-	2	3	288	502,855
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ILLINOIS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	16	35,964
NONMETAL	-	-	-	-	-	-	-	3	1	122	220,165	-	-	3	3	272	583,915
STONE	1	7	1	210	441,352	-	-	5	4	730	1,509,181	-	-	11	7	755	1,636,515
SAND AND GRAVEL	-	-	-	-	-	-	-	6	2	416	742,584	-	-	-	-	-	-
TOTAL, M/NM	1	7	1	210	441,352	-	-	14	7	1,268	2,471,930	-	-	15	10	1,043	2,256,394
COAL	-	75	23	1,672	3,471,763	29,580,917	-	7	-	177	417,857	2,296,105	-	1	1	297	557,352

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

JANUARY - DECEMBER 2020 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
INDIANA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4,870
NONMETAL	-	-	-	28	53,012	-	-	-	-	31	58,442	-	-	-	2	43	88,656
STONE	-	1	-	168	376,521	-	-	16	6	683	1,380,161	-	-	22	9	1,072	2,314,466
SAND AND GRAVEL	-	-	-	-	-	-	-	4	3	564	1,110,598	-	-	-	-	-	-
TOTAL, M/NM	-	1	-	196	429,533	-	-	20	9	1,278	2,549,201	-	-	22	11	1,117	2,407,992
COAL	-	37	9	957	2,015,282	9,145,499	-	9	3	835	1,830,046	10,796,946	-	2	-	216	457,691
IOWA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	7	5	100	195,214	-	-	-	-	60	98,432	-	-	-	-	76	130,185
STONE	-	8	1	248	573,541	-	2	8	4	850	1,539,521	-	-	6	6	435	982,853
SAND AND GRAVEL	-	-	-	-	-	-	-	5	1	537	717,669	-	-	-	-	2	360
TOTAL, M/NM	-	15	6	348	768,755	-	2	13	5	1,447	2,355,622	-	-	6	6	513	1,113,398
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	8	1	132	267,353	-	-	-	-	40	69,428	-	-	3	-	73	122,914
STONE	-	-	-	9	18,425	-	1	5	4	576	1,075,801	-	-	4	3	289	581,245
SAND AND GRAVEL	-	-	-	-	-	-	-	2	1	326	507,520	-	-	-	-	-	-
TOTAL, M/NM	-	8	1	141	285,778	-	1	7	5	942	1,652,749	-	-	7	3	362	704,159
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	33	54,052	-	-	-	-	55	129,357
STONE	-	8	3	421	818,505	-	-	16	5	690	1,463,918	-	-	8	3	948	1,934,378
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	152	321,933	-	-	-	-	-	-
TOTAL, M/NM	-	8	3	421	818,505	-	-	17	5	875	1,839,903	-	-	8	3	1,003	2,063,735
COAL	1	75	40	2,659	5,490,644	19,693,609	-	12	4	860	1,725,188	4,612,252	-	5	4	586	1,235,665
LOUISIANA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2	510	1,111,950
NONMETAL	2	4	1	417	857,095	-	-	-	-	64	174,962	-	-	6	3	208	428,393
STONE	-	-	-	-	-	-	-	-	-	6	8,099	-	-	-	-	2	408
SAND AND GRAVEL	-	-	-	-	-	-	1	4	1	592	1,191,510	-	-	-	-	-	-
TOTAL, M/NM	2	4	1	417	857,095	-	1	4	1	662	1,374,571	-	-	12	5	720	1,540,751
COAL	-	-	-	-	-	-	-	1	-	120	248,504	676,582	-	-	-	-	-

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

JANUARY - DECEMBER 2020 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
MAINE																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	4	1,845	-	-	-	-	2	371	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	2	-	158	262,039	-	-	-	3	68	144,874
SAND AND GRAVEL	-	-	-	-	-	-	-	7	1	542	676,339	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	4	1,845	-	-	9	1	702	938,749	-	-	-	3	68	144,874
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	7	8,316	-	-	-	-	8	12,440
STONE	-	1	-	53	106,727	-	-	7	-	218	442,076	-	-	6	1	436	987,623
SAND AND GRAVEL	-	-	-	-	-	-	-	4	1	190	412,338	-	-	-	-	-	-
TOTAL, M/NM	-	1	-	53	106,727	-	-	11	1	415	862,730	-	-	6	1	444	1,000,063
COAL	-	2	1	90	189,536	523,490	-	-	-	82	169,145	630,666	-	-	-	40	88,525
MASSACHUSETTS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	16	20,945	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	8	2	361	695,379	-	-	1	2	233	442,954
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	374	478,751	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	9	2	751	1,195,075	-	-	1	2	233	442,954
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN																	
METAL	-	-	-	26	47,535	-	-	8	1	437	721,923	-	-	4	3	472	934,018
NONMETAL	-	-	2	67	172,104	-	-	1	-	60	116,672	-	-	1	-	13	22,226
STONE	-	-	-	-	-	-	-	4	1	254	521,845	-	-	9	6	615	1,330,925
SAND AND GRAVEL	-	-	-	-	-	-	1	5	4	1,226	1,985,173	-	-	-	-	-	-
TOTAL, M/NM	-	-	2	93	219,639	-	1	18	6	1,977	3,345,613	-	-	14	9	1,100	2,287,169
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MINNESOTA																	
METAL	-	-	-	-	-	-	-	22	5	1,746	3,656,700	-	-	12	14	1,464	3,116,960
NONMETAL	-	-	-	-	-	-	-	-	-	22	26,422	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	5	4	282	485,858	-	-	2	-	65	125,968
SAND AND GRAVEL	-	-	-	-	-	-	-	7	4	1,475	1,597,712	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	34	13	3,525	5,766,692	-	-	14	14	1,529	3,242,928
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

JANUARY - DECEMBER 2020 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
MISSISSIPPI																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	24	54,403	-	-	11	1	297	639,586
STONE	-	-	-	-	-	-	-	-	-	10	15,629	-	-	-	-	7	9,334
SAND AND GRAVEL	-	-	-	-	-	-	-	4	1	457	929,561	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	4	1	491	999,593	-	-	11	1	304	648,920
COAL	-	-	-	-	-	-	-	1	-	194	392,938	2,587,165	-	-	-	-	-
MISSOURI																	
METAL	-	26	4	583	1,297,691	-	-	-	-	-	-	-	-	2	-	113	236,296
NONMETAL	-	-	-	19	48,162	-	-	-	-	86	127,075	-	-	12	-	509	1,093,305
STONE	-	6	10	340	815,842	-	-	22	9	1,229	2,364,188	-	-	38	30	2,069	4,219,379
SAND AND GRAVEL	-	-	-	-	-	-	1	3	1	246	371,128	-	-	-	-	-	-
TOTAL, M/NM	-	32	14	942	2,161,695	-	1	25	10	1,561	2,862,391	-	-	52	30	2,691	5,548,980
COAL	-	-	-	-	-	-	-	-	-	12	24,924	158,739	-	-	-	-	-
MONTANA																	
METAL	-	28	15	1,506	2,789,417	-	-	-	-	182	378,185	-	-	2	2	282	556,013
NONMETAL	-	-	-	-	-	-	-	1	1	64	100,408	-	-	5	4	163	318,120
STONE	-	-	-	-	-	-	-	5	2	134	192,616	-	-	3	2	161	321,763
SAND AND GRAVEL	-	-	-	-	-	-	-	4	1	526	560,746	-	-	-	-	-	-
TOTAL, M/NM	-	28	15	1,506	2,789,417	-	-	10	4	906	1,231,955	-	-	10	8	606	1,195,896
COAL	-	6	1	195	417,341	6,022,919	-	5	3	764	1,436,092	20,398,634	-	-	-	94	191,662
NEBRASKA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	6	4,374	-	-	-	-	-	-
STONE	-	6	3	208	535,184	-	-	-	1	65	105,036	-	-	1	3	114	272,173
SAND AND GRAVEL	-	-	-	-	-	-	-	9	1	449	711,381	-	-	-	-	-	-
TOTAL, M/NM	-	6	3	208	535,184	-	-	9	2	520	820,791	-	-	1	3	114	272,173
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA																	
METAL	-	10	9	2,630	5,566,056	-	1	45	25	4,638	9,680,762	-	-	29	10	2,776	6,122,737
NONMETAL	-	-	-	-	-	-	-	2	2	279	483,082	-	-	6	3	424	844,114
STONE	-	-	-	-	-	-	-	4	-	175	346,515	-	-	4	-	195	413,494
SAND AND GRAVEL	-	-	-	-	-	-	-	5	-	662	1,135,443	-	-	-	-	-	-
TOTAL, M/NM	-	10	9	2,630	5,566,056	-	1	56	27	5,754	11,645,802	-	-	39	13	3,395	7,380,345
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

JANUARY - DECEMBER 2020 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
NEW HAMPSHIRE																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	2	3,312	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	2	-	159	309,278	-	-	2	-	21	43,879
SAND AND GRAVEL	-	-	-	-	-	-	-	-	1	372	490,113	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	2	1	533	802,703	-	-	2	-	21	43,879
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	43	63,222	-	-	5	-	105	188,799
STONE	-	-	-	-	-	-	-	20	4	389	886,857	-	-	-	-	109	249,552
SAND AND GRAVEL	-	-	-	-	-	-	1	2	3	355	699,269	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	1	22	7	787	1,649,348	-	-	5	-	214	438,351
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO																	
METAL	-	-	-	-	-	-	-	4	-	377	720,017	-	-	-	-	336	658,484
NONMETAL	-	1	2	277	542,129	-	-	3	1	184	306,091	-	-	2	4	372	724,909
STONE	-	-	-	-	-	-	-	7	3	304	532,169	-	-	-	-	88	164,211
SAND AND GRAVEL	-	-	-	-	-	-	-	3	2	437	675,670	-	-	-	-	-	-
TOTAL, M/NM	-	1	2	277	542,129	-	-	17	6	1,302	2,233,947	-	-	2	4	796	1,547,604
COAL	-	2	2	145	399,740	1,245,714	-	2	2	551	1,068,243	9,003,410	-	-	-	85	179,268
NEW YORK																	
METAL	-	6	-	52	153,529	-	-	-	-	15	34,919	-	-	1	-	79	169,865
NONMETAL	-	6	3	458	789,559	-	-	1	-	67	75,997	-	-	2	4	155	278,752
STONE	-	1	-	22	50,023	-	-	10	4	853	1,451,481	-	-	13	6	600	1,205,417
SAND AND GRAVEL	-	-	-	-	-	-	-	6	2	1,201	1,647,491	-	-	-	-	-	-
TOTAL, M/NM	-	13	3	532	993,111	-	-	17	6	2,136	3,209,888	-	-	16	10	834	1,654,034
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA																	
METAL	-	-	-	-	-	-	-	-	-	1	715	-	-	-	-	4	6,536
NONMETAL	-	-	-	-	-	-	-	-	3	437	801,983	-	-	11	6	503	956,456
STONE	-	-	-	-	-	-	-	7	4	894	1,724,585	-	-	10	5	783	1,677,799
SAND AND GRAVEL	-	-	-	-	-	-	-	4	2	320	604,942	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	11	9	1,652	3,132,225	-	-	21	11	1,290	2,640,791
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

JANUARY - DECEMBER 2020 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
NORTH DAKOTA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	2	3,226	-	-	-	-	16	31,680
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	2	4	446	464,636	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	2	4	448	467,862	-	-	-	-	16	31,680
COAL	-	-	-	-	-	-	-	4	6	1,215	2,352,129	26,438,192	-	-	-	5	7,754
OHIO																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	4	1	317	639,850	-	-	2	-	94	147,359	-	-	1	-	118	240,228
STONE	-	2	-	90	208,883	-	-	2	-	729	1,355,424	-	-	13	6	935	1,920,452
SAND AND GRAVEL	-	-	-	-	-	-	1	5	3	897	1,605,519	-	-	-	-	-	-
TOTAL, M/NM	-	6	1	407	848,733	-	1	9	3	1,720	3,108,302	-	-	14	6	1,053	2,160,680
COAL	-	2	3	284	603,879	2,536,300	-	1	-	141	308,860	1,050,205	-	1	1	117	177,401
OKLAHOMA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	3	3	252	451,296	-	-	-	-	44	78,994
STONE	-	1	-	11	25,304	-	-	12	10	1,174	2,295,783	-	-	17	4	800	1,554,475
SAND AND GRAVEL	-	-	-	-	-	-	-	3	1	439	865,842	-	-	-	-	-	-
TOTAL, M/NM	-	1	-	11	25,304	-	-	18	14	1,865	3,612,921	-	-	17	4	844	1,633,469
COAL	-	-	-	-	-	-	-	-	-	15	27,958	795	-	-	-	-	-
OREGON																	
METAL	-	-	-	7	3,251	-	-	-	-	19	17,023	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	93	133,497	-	-	2	1	129	252,236
STONE	-	-	-	-	-	-	-	8	3	804	1,363,050	-	-	5	-	97	183,937
SAND AND GRAVEL	-	-	-	-	-	-	-	4	7	550	792,359	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	7	3,251	-	-	12	10	1,466	2,305,929	-	-	7	1	226	436,173
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	96	184,348
NONMETAL	-	-	-	-	-	-	-	1	-	52	76,596	-	-	7	2	83	137,888
STONE	-	4	2	371	668,261	-	-	39	13	2,214	3,772,264	-	-	29	11	1,924	3,588,822
SAND AND GRAVEL	-	-	-	-	-	-	-	6	3	414	688,565	-	-	-	-	-	-
TOTAL, M/NM	-	4	2	371	668,261	-	-	46	16	2,680	4,537,425	-	-	36	13	2,103	3,911,058
BITUMINOUS COAL	-	74	41	2,760	5,186,807	29,779,542	-	6	2	521	851,703	1,879,243	-	4	1	383	779,837
ARTHRACITE COAL	1	-	-	46	67,698	63,088	-	19	1	544	919,507	2,309,329	-	23	-	381	721,174
COAL	1	74	41	2,806	5,254,505	29,842,630	-	25	3	1,065	1,771,210	4,188,572	-	27	1	764	1,501,011

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

JANUARY - DECEMBER 2020 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
PUERTO RICO																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	1	-	14	22,107	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	10	-	286	495,968	-	-	10	-	311	602,815
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	98	119,078	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	11	-	398	637,153	-	-	10	-	311	602,815
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RHODE ISLAND																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	61	111,397	-	-	-	1	6	13,585
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	173	293,561	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	1	-	234	404,958	-	-	-	1	6	13,585
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA																	
METAL	-	-	-	-	-	-	-	2	-	316	706,039	-	-	1	-	94	149,681
NONMETAL	-	-	-	-	-	-	-	-	-	69	130,102	-	-	4	1	164	347,039
STONE	-	-	-	-	-	-	1	6	3	359	735,465	-	-	11	2	551	1,199,645
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	226	484,847	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	1	8	3	970	2,056,453	-	-	16	3	809	1,696,365
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA																	
METAL	-	-	-	-	-	-	-	2	2	162	277,047	-	-	-	1	56	97,183
NONMETAL	-	-	-	-	-	-	-	1	-	10	9,813	-	-	-	-	22	41,792
STONE	-	-	-	-	-	-	-	5	2	195	424,015	-	-	9	1	180	379,975
SAND AND GRAVEL	-	-	-	-	-	-	-	1	1	399	553,422	-	-	-	-	3	1,575
TOTAL, M/NM	-	-	-	-	-	-	-	9	5	766	1,264,297	-	-	9	2	261	520,525
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE																	
METAL	-	5	9	621	1,382,108	-	-	-	-	-	-	-	-	1	-	97	195,024
NONMETAL	-	-	-	-	-	-	-	-	-	66	116,915	-	-	-	-	155	335,137
STONE	-	1	-	107	196,115	-	-	3	-	941	1,625,028	-	-	5	4	973	2,011,236
SAND AND GRAVEL	-	-	-	-	-	-	-	4	1	241	453,476	-	-	-	-	-	-
TOTAL, M/NM	-	6	9	728	1,578,223	-	-	7	1	1,248	2,195,419	-	-	6	4	1,225	2,541,397
COAL	-	1	-	29	53,576	82,813	-	-	-	2	634	9,058	-	-	-	14	27,279

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

JANUARY - DECEMBER 2020 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
TEXAS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	19,051
NONMETAL	-	5	-	38	84,245	-	-	5	5	787	1,481,557	-	2	14	3	865	1,701,490
STONE	-	1	-	15	30,383	-	-	42	9	4,040	8,933,489	-	-	54	12	2,398	5,600,209
SAND AND GRAVEL	-	-	-	-	-	-	-	46	22	3,727	8,306,073	-	-	-	-	-	-
TOTAL, M/NM	-	6	-	53	114,628	-	-	93	36	8,554	18,721,119	-	2	68	15	3,272	7,320,750
COAL	-	-	-	-	-	-	-	5	2	1,540	2,719,624	19,682,282	-	-	-	-	-
UTAH																	
METAL	-	-	-	39	74,914	-	-	3	2	1,134	2,522,564	-	-	2	2	521	947,650
NONMETAL	-	1	-	79	139,071	-	-	1	-	150	259,333	-	-	1	2	228	444,128
STONE	-	-	-	-	-	-	-	2	1	202	316,692	-	-	2	2	202	369,787
SAND AND GRAVEL	-	-	-	-	-	-	-	3	7	1,356	2,068,583	-	-	-	-	-	-
TOTAL, M/NM	-	1	-	118	213,985	-	-	9	10	2,842	5,167,172	-	-	5	6	951	1,761,565
COAL	-	34	13	1,177	2,565,273	12,594,017	-	1	2	43	127,607	569,090	-	1	2	83	180,220
VERMONT																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	26	18,841	-	-	-	-	22	39,196
STONE	-	-	-	32	60,634	-	-	9	1	368	542,437	-	-	4	7	227	396,530
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	226	221,275	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	32	60,634	-	-	9	1	620	782,553	-	-	4	7	249	435,726
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGIN ISLANDS OF THE U S																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	33	65,025	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	33	65,025	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	39	56,274	-	-	7	2	204	391,788
STONE	-	-	3	30	61,134	-	-	10	8	721	1,470,219	-	-	14	4	1,149	2,440,499
SAND AND GRAVEL	-	-	-	-	-	-	-	2	-	258	445,311	-	-	-	-	-	-
TOTAL, M/NM	-	-	3	30	61,134	-	-	12	8	1,018	1,971,804	-	-	21	6	1,353	2,832,287
COAL	-	36	12	1,216	2,454,073	7,184,830	-	8	5	573	1,134,878	2,621,216	-	7	2	304	677,219

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

JANUARY - DECEMBER 2020 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
WASHINGTON																	
METAL	-	-	-	25	42,657	-	-	-	-	3	216	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	33	64,307	-	-	-	1	58	129,235
STONE	-	-	-	-	-	-	-	3	1	358	585,355	-	-	6	1	205	372,653
SAND AND GRAVEL	-	-	-	-	-	-	1	14	2	944	1,556,972	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	25	42,657	-	1	17	3	1,338	2,206,850	-	-	6	2	263	501,888
COAL	-	-	-	-	-	-	-	-	-	9	14,778	-	-	-	-	-	-
WEST VIRGINIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	72,652
NONMETAL	-	-	-	-	-	-	-	-	-	11	14,456	-	-	1	-	79	166,101
STONE	-	1	-	87	176,458	-	-	6	-	248	432,904	-	-	6	5	352	682,168
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	12	27,053	-	-	-	-	-	-
TOTAL, M/NM	-	1	-	87	176,458	-	-	6	-	271	474,413	-	-	7	5	462	920,921
COAL	2	327	74	8,177	17,800,848	57,993,235	-	21	2	1,968	4,156,409	11,591,738	-	23	15	1,575	3,259,154
WISCONSIN																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	4	430	-	-	3	1	463	739,273	-	-	2	4	272	368,258
STONE	-	-	-	-	-	-	-	19	7	950	1,707,110	-	-	8	6	436	912,612
SAND AND GRAVEL	-	-	-	-	-	-	-	8	7	1,023	1,448,947	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	4	430	-	-	30	15	2,436	3,895,330	-	-	10	10	708	1,280,870
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING																	
METAL	-	-	-	-	-	-	-	-	-	2	200	-	-	-	-	-	-
NONMETAL	-	13	4	783	1,290,375	-	-	8	-	248	484,626	-	-	17	5	1,507	2,951,779
STONE	-	-	-	-	-	-	-	1	1	120	250,877	-	-	3	1	129	265,285
SAND AND GRAVEL	-	-	-	-	-	-	-	2	5	483	565,503	-	-	-	-	-	-
TOTAL, M/NM	-	13	4	783	1,290,375	-	-	11	6	853	1,301,206	-	-	20	6	1,636	3,217,064
COAL	-	3	2	139	314,869	2,424,369	-	19	20	4,515	8,717,976	216,131,475	-	-	-	90	128,868
NATION																	
METAL	-	106	53	7,320	14,973,052	-	1	204	63	14,817	30,436,986	-	-	164	59	12,472	25,955,237
NONMETAL	2	49	19	2,738	5,095,593	-	-	74	26	6,460	11,744,195	-	2	156	61	10,867	21,315,039
STONE	2	51	23	2,585	5,443,642	-	5	404	138	29,202	56,454,417	-	1	411	194	25,933	54,329,747
SAND AND GRAVEL	-	-	-	-	-	-	8	276	129	32,043	54,160,385	-	-	-	-	5	1,935
TOTAL, M/NM	4	206	95	12,643	25,512,287	-	14	958	356	82,522	152,795,983	-	3	731	314	49,277	101,601,958
COAL	4	787	242	22,030	46,930,094	195,529,788	-	136	54	15,475	30,257,576	340,012,276	-	73	26	4,607	9,365,553

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

JANUARY - DECEMBER 2020 (FINAL)

	COAL									METAL								
	UNDERGROUND			SURFACE			PREPARATION PLANTS			UNDERGROUND			SURFACE			PREPARATION PLANTS		
Accident Classification	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
Electrical	-	6	2	-	-	-	-	-	-	-	1	1	-	1	-	-	1	-
Entrapment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exploding vessels under pressure	-	6	-	-	1	3	-	3	-	-	1	-	-	2	-	-	2	1
Explosives and breaking agents	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
Falling, rolling, or sliding material	-	4	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Fall of face, rib, pillar, side or highwall	-	25	5	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-
Fall of roof or back	1	56	24	-	-	-	-	-	-	-	2	5	-	-	-	-	-	-
Fire	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Handling material	-	306	92	-	41	16	-	31	9	-	38	19	-	46	26	-	73	24
Handtools	-	52	52	-	12	12	-	4	7	-	10	7	-	19	6	-	13	19
Nonpowered haulage	-	3	-	-	1	-	-	1	1	-	-	-	-	2	-	-	4	-
Powered haulage	3	68	14	-	15	3	-	4	2	-	12	2	-	28	4	-	7	-
HAULAGE TRUCKS	1	6	-	-	10	3	-	3	-	-	8	1	-	20	2	-	2	-
FRONT-END LOADERS	2	29	7	-	5	-	-	-	1	-	2	-	-	7	1	-	3	-
ALL OTHER Powered haulage	-	33	7	-	-	-	-	1	1	-	2	1	-	1	1	-	2	-
Hoisting	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Ignition or explosion of gas or dust	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Impoundment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inundation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	65	27	-	10	9	-	6	2	-	4	7	1	24	13	-	10	5
DOZER	-	1	-	-	3	-	-	1	-	-	1	-	1	8	3	-	-	-
DRILL	-	2	1	-	2	-	-	1	-	-	1	3	-	-	1	-	-	1
ALL OTHER Machinery	-	62	26	-	5	9	-	4	2	-	2	4	-	16	9	-	10	4
Slip or fall of person	-	144	17	-	53	8	-	23	3	-	28	8	-	70	8	-	40	7
Stepping or kneeling on object	-	22	1	-	1	-	-	-	-	-	3	-	-	2	1	-	5	1
Striking or bumping	-	9	5	-	-	1	-	-	-	-	1	1	-	1	2	-	1	-
Other	-	20	1	-	2	2	-	1	1	-	2	1	-	9	3	-	8	1
Total	4	787	242	-	136	54	-	73	26	-	106	53	1	204	63	-	164	59

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

JANUARY - DECEMBER 2020 (FINAL)

	NONMETAL									STONE									SAND / GRAVEL		
	UNDERGROUND			SURFACE			MILLS			UNDERGROUND			SURFACE			MILLS			SURFACE		
Accident Classification	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
Electrical	-	-	-	-	-	-	1	1	-	-	-	-	-	1	1	-	-	2	1	-	-
Entrapment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exploding vessels under pressure	-	1	1	-	-	-	-	2	-	-	-	1	-	4	2	-	7	3	-	3	-
Explosives and breaking agents	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-
Falling, rolling, or sliding material	-	1	-	-	-	-	-	-	-	-	1	-	1	3	1	-	4	5	1	1	-
Fall of face, rib, pillar, side or highwall	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	-	-	-	-
Fall of roof or back	2	4	1	-	-	-	-	-	-	-	3	1	-	-	-	-	-	-	-	-	-
Fire	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Handling material	-	16	10	-	24	7	-	64	25	-	16	10	-	135	49	-	182	70	2	93	40
Handtools	-	7	4	-	8	5	-	13	13	1	1	4	-	58	33	-	41	46	-	32	38
Nonpowered haulage	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
Powered haulage	-	5	-	-	9	4	-	10	-	-	10	2	1	54	7	-	23	4	2	32	6
HAULAGE TRUCKS	-	1	-	-	4	2	-	5	-	-	5	2	1	28	2	-	11	2	1	13	3
FRONT-END LOADERS	-	2	-	-	4	2	-	2	-	-	2	-	-	20	4	-	11	2	1	18	3
ALL OTHER Powered haulage	-	2	-	-	1	-	-	3	-	-	3	-	-	6	1	-	1	-	-	1	-
Hoisting	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Ignition or explosion of gas or dust	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
Impoundment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inundation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	3	1	-	8	5	-	14	8	1	3	1	2	27	14	-	33	28	2	28	20
DOZER	-	-	-	-	1	2	-	2	-	-	-	-	-	3	-	-	1	-	-	2	1
DRILL	-	1	-	-	-	-	-	-	1	1	-	-	1	3	1	-	2	-	-	1	-
ALL OTHER Machinery	-	2	1	-	7	3	-	12	7	-	3	1	1	21	13	-	30	28	2	25	19
Slip or fall of person	-	9	1	-	23	5	1	43	10	-	13	3	1	99	21	1	92	15	-	71	9
Stepping or kneeling on object	-	-	-	-	1	-	-	2	-	-	-	-	-	3	-	-	5	-	-	5	-
Striking or bumping	-	-	1	-	-	-	-	2	3	-	-	-	-	2	5	-	2	4	-	3	6
Other	-	2	-	-	1	-	-	5	2	-	2	1	-	13	4	-	20	17	-	8	9
Total	2	49	19	-	74	26	2	156	61	2	51	23	5	404	138	1	411	194	8	276	129

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 2020 (FINAL)

TYPE OF COAL/WORK LOCATION	Fatal	Fatal IR	NFDL	NFDL IR	NDL	NDL IR	All OCCURENCES	ALL INCIDENT RATES	AVG # EMP	EMP HRS	PRODUCTION
BITUMINOUS COAL											
UNDERGROUND MINES:											
UNDERGROUND	-	-	44	-	25	-	69	-		-	
SURFACE AT UG	-	-	9	-	6	-	15	-		-	
TOTAL, UNDERGROUND MINES	-	-	53	-	31	-	84	-		-	
SURFACE MINES:											
STRIP MINES	1	-	12	-	13	-	26	-		-	
AUGER MINES	-	-	-	-	-	-	-	-		-	
CULM BANK	-	-	-	-	-	-	-	-		-	
DREDGE	-	-	-	-	-	-	-	-		-	
TOTAL, SURFACE MINES	1	-	12	-	13	-	26	-		-	
TOTAL, PRODUCTION MINING	1	-	65	-	44	-	110	-		-	
PREPARATION PLANTS	-	-	26	-	10	-	36	-		-	
INDEPENDENT SHOPS OR YARDS	-	-	1	-	-	-	1	-		-	
TOTAL, OTHER OPERATIONS	-	-	27	-	10	-	37	-		-	
Total, BITUMINOUS COAL	1	-	92	-	54	-	147	-		-	
ANTHRACITE COAL											
UNDERGROUND MINES:											
UNDERGROUND	-	-	-	-	-	-	-	-		-	
SURFACE AT UG	-	-	-	-	-	-	-	-		-	
TOTAL, UNDERGROUND MINES	-	-	-	-	-	-	-	-		-	
SURFACE MINES:											
STRIP MINES	-	-	-	-	-	-	-	-		-	
CULM BANK	-	-	-	-	-	-	-	-		-	
DREDGE	-	-	-	-	-	-	-	-		-	
TOTAL, SURFACE MINES	-	-	-	-	-	-	-	-		-	
TOTAL, PRODUCTION MINING	-	-	-	-	-	-	-	-		-	
PREPARATION PLANTS	-	-	1	-	-	-	1	-		-	
INDEPENDENT SHOPS OR YARDS	-	-	-	-	-	-	-	-		-	
TOTAL, OTHER OPERATIONS	-	-	1	-	-	-	1	-		-	
Total, ANTHRACITE COAL	-	-	1	-	-	-	1	-		-	
ALL COAL											
UNDERGROUND MINES:											
UNDERGROUND	-	-	44	2.245	25	1.276	69	3.521	3,364	3,919,778	-
SURFACE AT UG	-	-	9	0.506	6	0.337	15	0.843	4,119	3,560,161	-
TOTAL, UNDERGROUND MINES	-	-	53	1.417	31	0.829	84	2.246	7,483	7,479,939	-
SURFACE MINES:											
STRIP MINES	1	0.026	12	0.314	13	0.340	26	0.680	7,547	7,647,581	3,098
AUGER MINES	-	-	-	-	-	-	-	-	107	38,064	-
CULM BANK	-	-	-	-	-	-	-	-	248	212,118	-
DREDGE	-	-	-	-	-	-	-	-	50	28,291	839
TOTAL, SURFACE MINES	1	0.025	12	0.303	13	0.328	26	0.656	7,952	7,926,054	3,937
TOTAL, PRODUCTION MINING	1	0.013	65	0.844	44	0.571	110	1.428	15,435	15,405,993	3,937
PREPARATION PLANTS	-	-	27	1.444	10	0.535	37	1.979	3,513	3,739,224	-
INDEPENDENT SHOPS/YARDS	-	-	1	2.200	-	-	1	2.200	81	90,892	-
TOTAL, OTHER OPERATIONS	-	-	28	1.462	10	0.522	38	1.984	3,594	3,830,116	-
Total, ALL COAL	1	0.010	93	0.967	54	0.561	148	1.539	19,029	19,236,109	3,937
OFFICEWORKERS											
BITUMINOUS COAL	-	-	1	-	-	-	1	-		-	
ANTHRACITE COAL	-	-	-	-	-	-	-	-		-	
TOTAL, OFFICEWORKERS	-	-	1	0.158	-	-	1	0.158	857	1,262,423	-
GRAND TOTAL	1	0.010	94	0.917	54	0.527	149	1.454	19,886	20,498,532	3,937

TABLE 6. NUMBER OF CONTRACTOR INJURIES, INJURY-INCIDENCE RATES, AVERAGE NUMBER OF EMPLOYEES, AND EMPLOYEE HOURS BY WORK LOCATION AND MINERAL INDUSTRY
JANUARY - DECEMBER 2020 (FINAL)

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	-	-	22	0.608	24	0.664	46	1.272	-	-
NONMETAL	-	-	4	-	4	-	8	-	-	-
STONE	-	-	3	-	1	-	4	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-
TOTAL, UNDERGROUND MINES	-	-	29	0.802	29	0.802	58	1.603	7,261	7,234,184
SURFACE MINES										
	-	-	-	-	-	-	-	-	-	-
METAL	-	-	27	0.136	24	0.121	51	0.258	-	-
NONMETAL	-	-	19	-	9	-	28	-	-	-
STONE	1	-	59	-	24	-	84	-	-	-
SAND AND GRAVEL	2	-	18	-	2	-	22	-	-	-
TOTAL, SURFACE MINES	3	-	123	0.622	59	0.298	185	0.935	40,742	39,574,334
TOTAL, MINES	3	0.013	152	0.649	88	0.376	243	1.038	48,003	46,808,518
MILLS										
	-	-	-	-	-	-	-	-	-	-
METAL	-	-	19	0.242	31	0.395	50	0.637	-	-
NONMETAL	-	-	8	-	7	-	15	-	-	-
STONE	-	-	30	-	17	-	47	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-
TOTAL, MILLS	-	-	57	0.726	55	0.701	112	1.427	14,124	15,694,840
INDEPENDENT SHOPS AND YARDS										
	-	-	-	-	-	-	-	-	-	-
METAL	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-
TOTAL, INDEPENDENT SHOPS AND YARDS	-	-	-	-	-	-	-	-	1	16
ALL MINES, MILLS AND SHOPS										
	-	-	-	-	-	-	-	-	-	-
METAL	-	-	68	0.218	79	0.253	147	0.470	-	-
NONMETAL	-	-	31	-	20	-	51	-	-	-
STONE	1	-	92	-	42	-	135	-	-	-
SAND AND GRAVEL	2	-	18	-	2	-	22	-	-	-
TOTAL, ALL MINES, MILLS AND SHOPS	3	0.010	209	0.669	143	0.458	355	1.136	62,128	62,503,374
OFFICEWORKERS										
	-	-	-	-	-	-	-	-	-	-
METAL	-	-	2	0.154	-	-	2	0.154	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-
TOTAL, OFFICEWORKERS	-	-	2	0.154	-	-	2	0.154	2,246	2,593,683
SUMMARY TOTAL (INCLUDING OFFICEWORKERS)										
	-	-	-	-	-	-	-	-	-	-
METAL	-	-	70	0.215	79	0.243	149	0.458	-	-
NONMETAL	-	-	31	-	20	-	51	-	-	-
STONE	1	-	92	-	42	-	135	-	-	-
SAND AND GRAVEL	2	-	18	-	2	-	22	-	-	-
GRAND TOTAL	3	0.009	211	0.648	143	0.439	357	1.097	64,374	65,097,057

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

JANUARY - DECEMBER 2020 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
ALABAMA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	7	-	-	-	-	-	2	2	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	7	-	-	-	-	-	2	2	-	-
COAL	-	1	6	-	-	-	-	1	-	-	-	-	-	-	-	-	-
ALASKA																	
METAL	-	1	3	-	-	-	-	2	2	-	-	-	-	3	5	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	1	3	-	-	-	-	2	2	-	-	-	-	3	5	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA																	
METAL	-	5	5	-	-	-	-	8	5	-	-	-	-	6	7	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	5	5	-	-	-	2	10	5	-	-	-	-	8	7	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARKANSAS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	3	-	-	-	-	-	1	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	1	1	-	-	-	-	3	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

JANUARY - DECEMBER 2020 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
COLORADO																	
METAL	-	1	-	-	-	-	-	3	1	-	-	-	-	-	1	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	1	-	-	-	-	-	4	1	-	-	-	-	-	1	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONNECTICUT																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DELAWARE																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
NONMETAL	-	-	-	-	-	-	-	5	-	-	-	-	-	-	1	-	-
STONE	-	-	-	-	-	-	-	5	2	-	-	-	-	-	1	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	11	2	-	-	-	-	-	3	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

JANUARY - DECEMBER 2020 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
GEORGIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	4	2	-	-	-	-	1	3	-	-
STONE	-	-	-	-	-	-	-	5	1	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	9	3	-	-	-	-	1	3	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUAM																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAWAII																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ILLINOIS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	3	-	-	-	-	-	-	1	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	3	-	-	-	-	-	-	1	-	-
COAL	-	-	-	-	-	-	-	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 2020 (FINAL)

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

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

JANUARY - DECEMBER 2020 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
MAINE																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	3	2	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	1	-	-	-	-	-	3	2	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-
MASSACHUSETTS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
STONE	-	-	-	-	-	-	-	1	1	-	-	-	-	1	1	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	2	1	-	-	-	-	2	4	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MINNESOTA																	
METAL	-	-	-	-	-	-	-	5	-	-	-	-	-	1	5	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	5	-	-	-	-	-	1	5	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

JANUARY - DECEMBER 2020 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
MISSISSIPPI																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
STONE	-	1	1	-	-	-	-	1	2	-	-	-	-	3	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	2	1	-	-	-	-	3	2	-	-	-	-	3	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTANA																	
METAL	-	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	3	4	-	-	-	-	1	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
NEBRASKA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA																	
METAL	-	10	11	-	-	-	-	6	11	-	-	-	-	4	3	-	-
NONMETAL	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	10	11	-	-	-	-	7	12	-	-	-	-	4	3	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

JANUARY - DECEMBER 2020 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
NEW HAMPSHIRE																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	2	-	-	-	-	1	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	1	2	-	-	-	-	1	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO																	
METAL	-	-	-	-	-	-	-	2	1	-	-	-	-	1	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	2	1	-	-	-	-	1	-	-	-
COAL	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-	-	-
NEW YORK																	
METAL	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	1	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	1	1	-	-	-	-	2	1	-	-
STONE	-	-	-	-	-	-	-	7	2	-	-	-	-	-	1	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	8	3	-	-	-	-	2	2	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

JANUARY - DECEMBER 2020 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
NORTH DAKOTA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COAL	-	1	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-
OHIO																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	3	1	-	-	-	-	3	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	1	-	-	-	-	-	4	3	-	-	-	-	3	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
OKLAHOMA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	2	1	-	-	-	-	1	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	1	-	-	-	-	-	5	1	-	-	-	-	2	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	1	-	-	-	-	-	5	1	-	-	-	-	2	-	-	-
BITUMINOUS COAL	-	11	9	-	-	-	-	-	-	-	-	-	-	7	1	-	-
ARTHRACITE COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
COAL	-	11	9	-	-	-	-	-	-	-	-	-	-	8	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 2020 (FINAL)

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

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

JANUARY - DECEMBER 2020 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
TEXAS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
STONE	-	-	-	-	-	-	-	5	3	-	-	-	-	6	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	5	1	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	10	4	-	-	-	-	6	1	-	-
COAL	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
UTAH																	
METAL	-	1	1	-	-	-	-	1	2	-	-	-	-	1	4	-	-
NONMETAL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	2	1	-	-	-	-	-	1	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	1	1	-	-	-	-	4	3	-	-	-	-	1	5	-	-
COAL	-	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERMONT																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGIN ISLANDS OF THE U S																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	2	4	-	-	-	-	1	1	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	2	4	-	-	-	-	1	1	-	-
COAL	-	3	-	-	-	-	-	2	-	-	-	-	-	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 2020 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
WASHINGTON																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST VIRGINIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-
COAL	-	28	12	-	-	-	-	6	2	-	-	-	-	12	5	-	-
WISCONSIN																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	1	1	-	-	-	-	-	-	-	-	-	-	2	1	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	1	1	-	-	-	-	1	-	-	-	-	-	2	1	-	-
COAL	-	-	1	-	-	-	-	-	5	-	-	-	-	3	-	-	-
NATION																	
METAL	-	22	24	-	-	-	-	27	24	-	-	-	-	19	31	-	-
NONMETAL	-	4	4	-	-	-	-	19	9	-	-	-	-	8	7	-	-
STONE	-	3	1	-	-	-	1	59	24	-	-	-	-	30	17	-	-
SAND AND GRAVEL	-	-	-	-	-	-	2	18	2	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	29	29	7,261	7,234,184	-	3	123	59	40,742	39,574,334	16,927	-	57	55	14,125	15,694,856
COAL	-	53	31	7,483	7,479,939	-	1	12	13	7,952	7,926,054	3,937	-	28	10	3,594	3,830,116

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

JANUARY - DECEMBER 2020 (FINAL)

	COAL									METAL								
	UNDERGROUND			SURFACE			PREPARATION PLANTS			UNDERGROUND			SURFACE			PREPARATION PLANTS		
Accident Classification	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
Electrical	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
Entrapment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exploding vessels under pressure	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Explosives and breaking agents	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Falling, rolling, or sliding material	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fall of face, rib, pillar, side or highwall	-	3	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Fall of roof or back	-	2	3	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
Fire	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Handling material	-	21	14	-	2	3	-	11	5	-	7	12	-	7	8	-	4	10
Handtools	-	3	4	-	1	3	-	1	1	-	2	2	-	4	8	-	1	4
Nonpowered haulage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Powered haulage	-	2	2	-	2	-	-	-	-	-	3	2	-	3	2	-	2	2
HAULAGE TRUCKS	-	1	1	-	2	-	-	-	-	-	1	2	-	1	1	-	2	1
FRONT-END LOADERS	-	-	-	-	-	-	-	-	-	-	2	-	-	2	1	-	-	-
ALL OTHER Powered haulage	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Hoisting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ignition or explosion of gas or dust	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Impoundment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inundation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	8	5	1	4	5	-	2	1	-	3	3	-	4	3	-	6	8
DOZER	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
DRILL	-	1	1	-	-	1	-	-	-	-	1	2	-	2	-	-	-	-
ALL OTHER Machinery	-	7	3	1	4	4	-	2	1	-	1	1	-	2	3	-	6	8
Slip or fall of person	-	11	2	-	2	2	-	10	1	-	6	2	-	8	3	-	4	5
Stepping or kneeling on object	-	-	-	-	1	-	-	1	1	-	-	-	-	1	-	-	1	1
Striking or bumping	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	1	-	-	-	-	1	1	-	-	1	-	-	-	-	-	1
Total	-	53	31	1	12	13	-	28	10	-	22	24	-	27	24	-	19	31

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

JANUARY - DECEMBER 2020 (FINAL)

	NONMETAL									STONE									SAND / GRAVEL		
	UNDERGROUND			SURFACE			MILLS			UNDERGROUND			SURFACE			MILLS			SURFACE		
Accident Classification	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
Electrical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Entrapment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exploding vessels under pressure	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-
Explosives and breaking agents	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Falling, rolling, or sliding material	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-
Fall of face, rib, pillar, side or highwall	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fall of roof or back	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Handling material	-	1	1	-	3	2	-	3	2	-	2	-	-	14	7	-	11	5	-	6	-
Handtools	-	1	-	-	-	4	-	1	1	-	-	-	-	7	6	-	4	3	-	1	1
Nonpowered haulage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Powered haulage	-	1	-	-	3	-	-	1	2	-	-	-	-	10	2	-	1	-	-	1	-
HAULAGE TRUCKS	-	1	-	-	2	-	-	1	2	-	-	-	-	9	1	-	1	-	-	1	-
FRONT-END LOADERS	-	-	-	-	1	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
ALL OTHER Powered haulage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hoisting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ignition or explosion of gas or dust	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Impoundment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inundation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	2	-	6	1	-	1	2	-	1	-	1	10	2	-	4	6	1	2	-
DOZER	-	-	-	-	3	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
DRILL	-	-	-	-	1	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-
ALL OTHER Machinery	-	-	2	-	2	1	-	1	2	-	1	-	-	8	1	-	4	6	1	2	-
Slip or fall of person	-	1	1	-	5	1	-	1	-	-	-	-	-	10	4	-	6	2	1	7	1
Stepping or kneeling on object	-	-	-	-	1	-	-	1	-	-	-	-	-	2	-	-	-	-	-	-	-
Striking or bumping	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	1	-	-	-	-	-	-	-	-	3	2	-	2	-	-	-	-
Total	-	4	4	-	19	9	-	8	7	-	3	1	1	59	24	-	30	17	2	18	2