

Mine Injury and Worktime, Quarterly

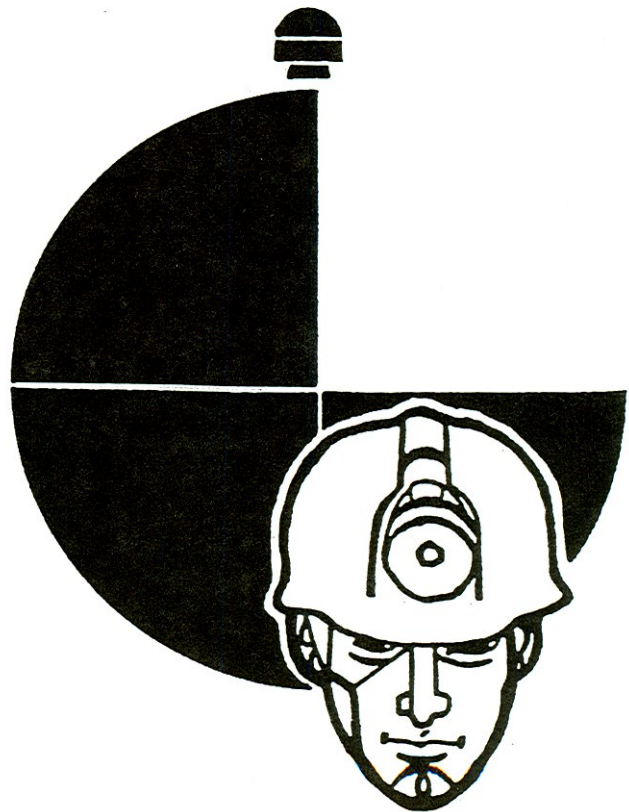


U.S. Department of Labor
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Mine Safety and Health Administration
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This publication has been reviewed and approved for distribution to the mining public by the Office of the Assistant Secretary for Mine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

CONTENTS

Text	Page
Limitations and scope of data.....	1
Definitions and notes.....	2
 <u>Chart and Tables</u>	
Chart 1. - Number of fatal injuries in the U.S. mining industries, during CY 2018, 2019, and CY 2020Q2	3
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 during CY 2020Q2	4
Table 2. - Number of operator injuries, injury-incidence rates, average number of employees, and employee hours, by work location and mineral industry during CY 2020Q2	5
Table 3. - Number of operator injuries, average number of employees, employee hours, and coal production, by work location, State, and mineral industry during CY 2020Q2	6
Table 4. - Number of operator injuries by mineral industry, work location, and accident classification during CY 2020Q2	17
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 during CY 2020Q2	19
Table 6. - Number of contractor injuries, injury-incidence rates, average number of employees, and employee hours, by work location and mineral industry during CY 2020Q2	20
Table 7. - Number of contractor injuries, average number of employees, employee hours, and coal production, by work location, State, and mineral industry during CY 2020Q2	21
Table 8. - Number of contractor injuries by mineral industry, work location, and accident classification during CY 2020Q2	32

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 1). 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:

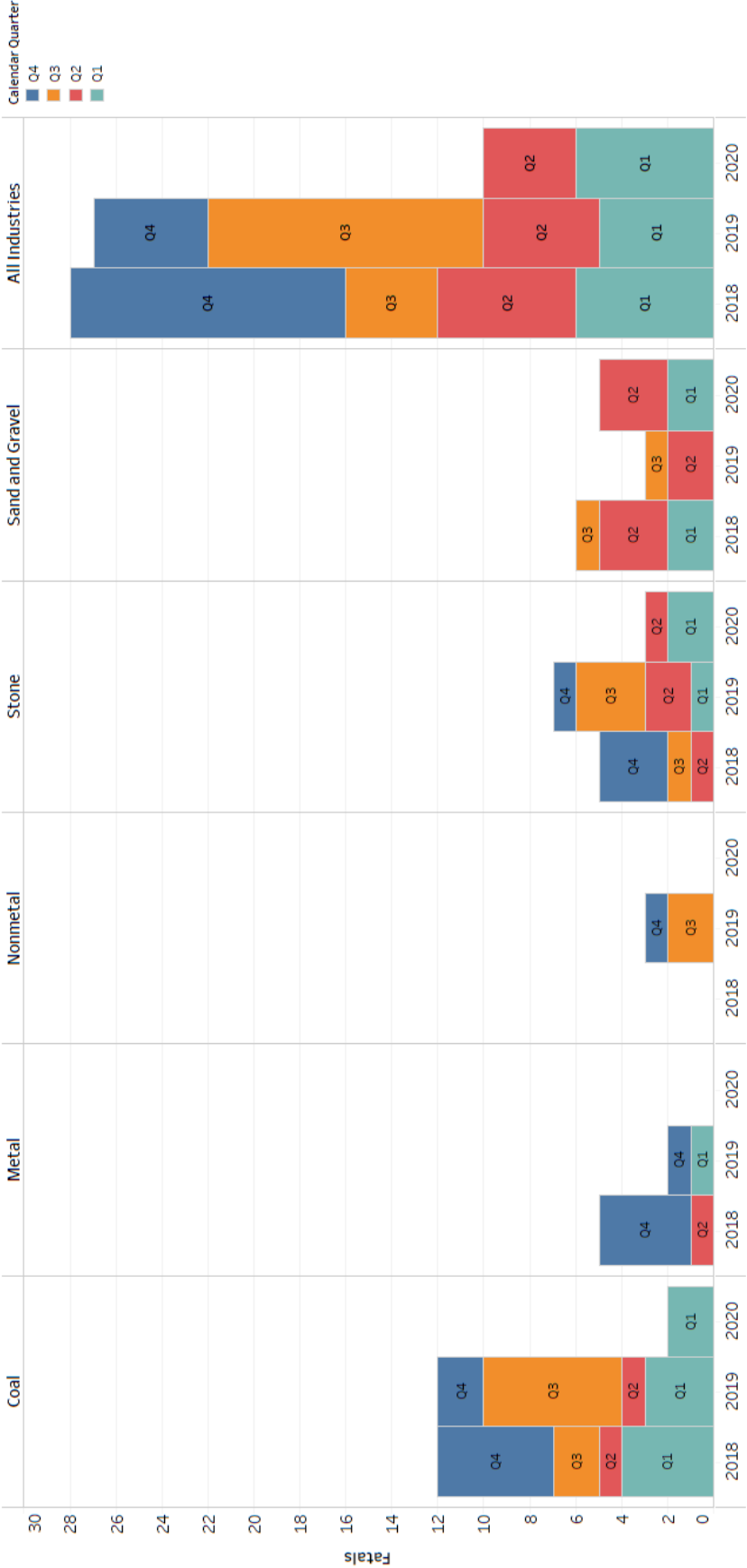
$$IR = (Number\ of\ Injury\ Occurrences \div Number\ of\ Employee\ Hours) \times 200,000$$

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,
2018, 2019, and 2020 Q1-Q2**



Note: CY 2020 numbers are preliminary. 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 - JUNE 2020 (PRELIMINARY)

TYPE OF COAL/WORK LOCATION	Fatal	Fatal IR	NFDL	NFDL IR	NDL	NDL IR	All OCCURRENCES	ALL INCIDENT RATES	AVG # EMP	EMP HRS	PRODUCTION
BITUMINOUS COAL											
UNDERGROUND MINES:											
UNDERGROUND	1	0.009	375	3.287	113	0.990	489	4.286	20,959	22,817,852	95,275,627
SURFACE AT UG	1	0.125	15	1.871	5	0.624	21	2.619	1,549	1,603,540	-
TOTAL, UNDERGROUND MINES	2	0.016	390	3.194	118	0.966	510	4.177	22,508	24,421,392	95,275,627
SURFACE MINES:											
STRIP MINES	-	-	63	0.816	31	0.401	94	1.217	15,198	15,443,714	164,092,264
AUGER MINES	-	-	-	-	-	-	-	-	191	146,129	752,374
OTHER SURFACE MINES	-	-	-	-	-	-	-	-	85	65,168	121,655
TOTAL, SURFACE MINES	-	-	63	0.805	31	0.396	94	1.201	15,474	15,655,011	164,966,293
TOTAL, PRODUCTION MINING	2	0.010	453	2.261	149	0.744	604	3.014	37,982	40,076,403	260,241,920
PREPARATION PLANTS	-	-	24	1.081	16	0.721	40	1.802	4,257	4,439,760	-
INDEPENDENT SHOPS OR YARDS	-	-	1	1.282	1	1.282	2	2.565	153	155,974	-
TOTAL, OTHER OPERATIONS	-	-	25	1.088	17	0.740	42	1.828	4,410	4,595,734	-
Total, BITUMINOUS COAL	2	0.009	478	2.140	166	0.743	646	2.892	42,392	44,672,137	260,241,920
ANTHRACITE COAL											
UNDERGROUND MINES:											
UNDERGROUND	-	-	-	-	-	-	-	-	37	25,463	28,682
SURFACE AT UG	-	-	-	-	-	-	-	-	12	6,330	-
TOTAL, UNDERGROUND MINES	-	-	-	-	-	-	-	-	49	31,793	28,682
SURFACE MINES:											
STRIP MINES	-	-	10	4.770	-	-	10	4.770	451	419,254	1,043,132
CULM BANK	-	-	-	-	-	-	-	-	72	56,303	3,966
TOTAL, SURFACE MINES	-	-	10	4.206	-	-	10	4.206	523	475,557	1,047,098
TOTAL, PRODUCTION MINING	-	-	10	3.942	-	-	10	3.942	572	507,350	1,075,780
PREPARATION PLANTS	-	-	11	6.167	-	-	11	6.167	376	356,734	-
INDEPENDENT SHOPS OR YARDS	-	-	-	-	-	-	-	-	5	5,188	-
TOTAL, OTHER OPERATIONS	-	-	11	6.079	-	-	11	6.079	381	361,922	-
Total, ANTHRACITE COAL	-	-	21	4.832	-	-	21	4.832	953	869,272	1,075,780
ALL COAL											
UNDERGROUND MINES:											
UNDERGROUND	1	0.009	375	3.283	113	0.989	489	4.281	20,996	22,843,315	95,304,309
SURFACE AT UG	1	0.124	15	1.864	5	0.621	21	2.609	1,561	1,609,870	-
TOTAL, UNDERGROUND MINES	2	0.016	390	3.190	118	0.965	510	4.171	22,557	24,453,185	95,304,309
SURFACE MINES:											
STRIP MINES	-	-	73	0.920	31	0.391	104	1.311	15,649	15,862,968	165,135,396
AUGER MINES	-	-	-	-	-	-	-	-	191	146,129	752,374
CULM BANK	-	-	-	-	-	-	-	-	151	116,498	125,621
DREDGE	-	-	-	-	-	-	-	-	6	4,973	-
TOTAL, SURFACE MINES	-	-	73	0.905	31	0.384	104	1.289	15,997	16,130,568	166,013,391
TOTAL, PRODUCTION MINING	2	0.010	463	2.282	149	0.734	614	3.026	38,554	40,583,753	261,317,700
PREPARATION PLANTS	-	-	35	1.459	16	0.667	51	2.127	4,633	4,796,494	-
INDEPENDENT SHOPS/YARDS	-	-	1	1.241	1	1.241	2	2.482	158	161,162	-
TOTAL, OTHER OPERATIONS	-	-	36	1.452	17	0.686	53	2.138	4,791	4,957,656	-
Total, ALL COAL	2	0.009	499	2.191	166	0.729	667	2.929	43,345	45,541,409	261,317,700
OFFICEWORKERS											
BITUMINOUS COAL	-	-	1	0.141	3	0.424	4	0.565	1,600	1,415,086	-
ANTHRACITE COAL	-	-	-	-	-	-	-	-	88	77,148	-
TOTAL, OFFICEWORKERS	-	-	1	0.134	3	0.402	4	0.536	1,688	1,492,234	-
GRAND TOTAL	2	0.009	500	2.126	169	0.719	671	2.853	45,033	47,033,643	261,317,700

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

WORK LOCATION/MINERAL INDUSTRY	Fatal	Fatal IR	NFDL	NFDL IR	NDL	NDL IR	ALL OCCURRENCES	ALL INCIDENT RATES	AVG # EMP	EMP HRS
UNDERGROUND MINES										
METAL	-	-	56	1.502	26	0.697	82	2.199	7,171	7,458,838
NONMETAL	-	-	23	1.837	8	0.639	31	2.476	2,778	2,503,675
STONE	-	-	21	1.541	13	0.954	34	2.496	2,621	2,724,718
TOTAL, UNDERGROUND MINES	-	-	100	1.576	47	0.741	147	2.317	12,570	12,687,231
SURFACE MINES										
METAL	-	-	114	1.503	31	0.409	145	1.911	14,939	15,172,542
NONMETAL	-	-	32	1.053	13	0.428	45	1.480	6,369	6,080,117
STONE	2	0.015	173	1.289	60	0.447	235	1.751	28,102	26,837,325
SAND AND GRAVEL	3	0.023	132	1.030	53	0.414	188	1.467	30,578	25,623,000
TOTAL, SURFACE MINES	5	0.014	451	1.224	157	0.426	613	1.663	79,988	73,712,984
TOTAL, MINES	5	0.012	551	1.275	204	0.472	760	1.759	92,558	86,400,215
MILLS										
METAL	-	-	57	0.875	27	0.414	84	1.289	12,519	13,031,094
NONMETAL	-	-	76	1.371	35	0.631	111	2.002	11,169	11,087,938
STONE	1	0.007	197	1.454	105	0.775	303	2.237	25,962	27,093,680
TOTAL, MILLS	1	0.004	330	1.289	167	0.652	498	1.945	49,650	51,212,712
INDEPENDENT SHOPS AND YARDS										
STONE	-	-	-	-	-	-	-	-	43	31,953
TOTAL, INDEPENDENT SHOPS AND YARDS	-	-	-	-	-	-	-	-	43	31,953
ALL MINES, MILLS AND SHOPS										
METAL	-	-	227	1.273	84	0.471	311	1.744	34,629	35,662,474
NONMETAL	-	-	131	1.332	56	0.569	187	1.901	20,316	19,671,730
STONE	3	0.011	391	1.379	178	0.628	572	2.018	56,728	56,887,676
SAND AND GRAVEL	3	0.023	132	1.030	53	0.414	188	1.467	30,578	25,623,000
TOTAL, ALL MINES, MILLS AND SHOPS	6	0.009	881	1.280	371	0.539	1,258	1.828	142,251	137,644,880
OFFICEWORKERS										
METAL	-	-	3	0.145	1	0.048	4	0.193	4,583	4,143,395
NONMETAL	-	-	1	0.056	1	0.056	2	0.111	3,841	3,591,916
STONE	-	-	1	0.021	5	0.107	6	0.129	10,259	9,311,646
SAND AND GRAVEL	-	-	1	0.060	-	-	1	0.060	5,689	3,317,292
TOTAL, OFFICEWORKERS	-	-	6	0.059	7	0.069	13	0.128	24,372	20,364,249
SUMMARY TOTAL (INCLUDING OFFICEWORKERS)										
METAL	-	-	230	1.156	85	0.427	315	1.583	39,212	39,805,869
NONMETAL	-	-	132	1.135	57	0.490	189	1.625	24,157	23,263,646
STONE	3	0.009	392	1.188	183	0.555	578	1.752	66,987	65,999,322
SAND AND GRAVEL	3	0.021	133	0.919	53	0.366	189	1.306	36,267	28,940,292
GRAND TOTAL	6	0.008	887	1.123	378	0.478	1,271	1.609	166,623	158,009,129

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

JANUARY - JUNE 2020 (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	NUMBER OF INJURIES					AVG # EMP	EMP HRS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION
BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE 2020 (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															
COLORADO		-	2	-	236	213,581	-	-	-	2	-	435	313,794	-	-	-	-	1	3	458	372,483												
METAL		-	-	-	7	2,210	-	-	-	-	-	42	45,485	-	-	-	-	-	-	3	3,146												
NONMETAL		-	-	-	25	21,314	-	-	-	4	1	359	358,314	-	-	-	-	2	3	321	318,983												
STONE		-	-	-	-	-	-	-	-	5	2	1,167	989,884	-	-	-	-	-	-	-	-												
SAND AND GRAVEL		-	-	-	-	-	-	-	-	11	3	2,003	1,707,477	-	-	-	-	3	6	782	694,612												
TOTAL, MINM		-	2	-	268	237,105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
COAL		-	4	1	658	644,964	2,977,011	-	6	1	321	334,790	1,985,330	-	-	-	-	-	-	85	77,253												
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
METAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
NONMETAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
STONE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
SAND AND GRAVEL		-	-	-	-	-	-	-	-	-	-	109	85,642	-	-	-	-	-	-	-	-												
TOTAL, MINM		-	-	-	-	-	-	-	-	-	-	109	85,642	-	-	-	-	-	-	-	-												
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
COAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
CONNECTICUT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
METAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
NONMETAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
STONE		-	-	-	-	-	-	-	-	-	-	245	202,772	-	-	-	-	2	-	98	92,381												
SAND AND GRAVEL		-	-	-	-	-	-	-	-	1	-	203	135,370	-	-	-	-	-	-	-	-												
TOTAL, MINM		-	-	-	-	-	-	-	-	1	-	448	338,142	-	-	-	-	2	-	98	92,381												
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
COAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
DELAWARE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
METAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
NONMETAL		-	-	-	-	-	-	-	-	-	-	13	10,560	-	-	-	-	-	-	-	-												
STONE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
SAND AND GRAVEL		-	-	-	-	-	-	-	-	-	-	28	30,702	-	-	-	-	-	-	-	-												
TOTAL, MINM		-	-	-	-	-	-	-	-	-	-	41	41,262	-	-	-	-	-	-	20	16,758												
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
COAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
FLORIDA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
METAL		-	-	-	-	-	-	-	-	-	-	27	16,657	-	-	-	-	-	-	146	138,590												
NONMETAL		-	-	-	-	-	-	-	-	4	1	842	946,083	-	-	-	-	6	1	507	551,185												
STONE		-	-	-	-	-	-	-	-	3	1	1,174	1,372,272	-	-	-	-	7	9	1,113	1,226,218												
SAND AND GRAVEL		-	-	-	-	-	-	-	-	1	2	510	515,083	-	-	-	-	-	-	-	-												
TOTAL, MINM		-	-	-	-	-	-	-	-	8	4	2,553	2,850,095	-	-	-	-	13	10	1,766	1,915,993												
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
COAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												

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

JANUARY - JUNE 2020 (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															
GEORGIA	METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	STONE	-	-	-	-	116	98,959	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	TOTAL, MINM	-	-	-	-	116	98,959	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
COAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
GUAM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
METAL	METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	TOTAL, MINM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
COAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
HAWAII		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
METAL	METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	TOTAL, MINM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
COAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
IDAHO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
METAL	METAL	-	4	2	399	384,158	-	-	-	-	3	2,013	-	-	-	-	-	1	131	108,571	-	-	-	-	-	-	-	-					
	NONMETAL	-	-	-	-	-	-	-	-	-	381	335,799	-	-	-	-	-	1	133	111,809	-	-	-	-	-	-	-	-					
	STONE	-	-	-	-	-	-	-	-	-	145	77,060	-	-	-	-	-	-	21	20,434	-	-	-	-	-	-	-	-					
	SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	741	494,608	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	TOTAL, MINM	-	4	2	399	384,158	-	-	-	-	3	1,270	909,480	-	-	-	-	2	285	240,814	-	-	-	-	-	-	-	-					
COAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
ILLINOIS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
METAL	METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	18,938	-	-	-	-	-	-	-	-					
	NONMETAL	-	-	-	-	-	-	-	-	-	142	137,415	-	-	-	-	-	2	298	329,569	-	-	-	-	-	-	-	-					
	STONE	-	1	-	206	207,302	-	-	-	-	686	679,551	-	-	-	-	-	5	744	777,220	-	-	-	-	-	-	-	-					
	SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	389	334,489	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	TOTAL, MINM	-	1	-	206	207,302	-	-	-	-	3	1,217	1,151,455	-	-	-	-	6	8	1,059	1,125,727	-	-	-	-	-	-	-	-				
COAL		-	29	11	1,743	1,890,575	14,921,976	-	6	-	219	258,278	1,416,175	-	-	-	-	-	323	303,253	-	-	-	-	-	-	-	-					

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

JANUARY - JUNE 2020 (PRELIMINARY)

Underground Mines							Surface Operations							MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES				AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	NUMBER OF INJURIES			Fatal	NFDL	NDL	AVG # EMP	EMP HRS
INDIANA																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2,381
NONMETAL	-	-	-	-	30	26,270	-	-	-	-	-	-	-	-	-	2	42	45,221
STONE	-	1	-	-	170	183,162	-	-	4	2	631	613,874	-	-	14	3	1,109	1,198,417
SAND AND GRAVEL	-	-	-	-	-	-	-	-	3	2	570	523,683	-	-	-	-	-	-
TOTAL, MINM	-	1	-	-	200	209,432	-	-	7	4	1,231	1,163,095	-	-	14	5	1,153	1,246,019
COAL	-	16	5		963	1,082,755	4,672,222	-	8	2	901	997,627	5,653,482	-	1	-	232	255,477
IOWA																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	5	1		111	106,663	-	-	-	-	58	51,175	-	-	-	-	80	69,853
STONE	-	2	-	-	250	294,087	-	1	5	2	818	713,924	-	-	3	3	435	506,761
SAND AND GRAVEL	-	-	-	-	-	-	-	-	1	1	491	310,920	-	-	-	-	-	-
TOTAL, MINM	-	7	1		361	400,770	-	1	6	3	1,367	1,076,019	-	-	3	3	515	576,614
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	4	-		133	137,608	-	-	-	-	39	33,619	-	-	1	-	79	60,129
STONE	-	-	-	-	9	9,390	-	1	2	2	563	513,223	-	-	3	1	285	296,127
SAND AND GRAVEL	-	-	-	-	-	-	-	-	1	1	325	245,032	-	-	-	-	-	-
TOTAL, MINM	-	4	-		142	146,998	-	1	3	3	927	791,874	-	-	4	1	364	356,256
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	33	28,514	-	-	-	-	56	67,183
STONE	-	6	2		449	432,256	-	-	6	2	698	737,623	-	-	3	2	925	953,832
SAND AND GRAVEL	-	-	-	-	-	-	-	-	1	-	149	157,366	-	-	-	-	-	-
TOTAL, MINM	-	6	2		449	432,256	-	-	7	2	880	923,503	-	-	3	2	981	1,021,015
COAL	-	36	17		2,686	2,708,564	9,341,486	-	5	2	808	817,966	2,141,268	-	3	4	624	652,600
LOUISIANA																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	555	646,497
NONMETAL	-	3	-		414	430,553	-	-	-	-	67	89,043	-	-	2	3	233	243,515
STONE	-	-	-	-	-	-	-	-	-	-	6	4,582	-	-	-	-	2	199
SAND AND GRAVEL	-	-	-	-	-	-	-	1	3	-	579	566,079	-	-	-	-	-	-
TOTAL, MINM	-	3	-		414	430,553	-	1	3	-	652	659,704	-	-	7	5	790	890,211
COAL	-	-	-	-	-	-	-	-	1	-	160	164,215	527,589	-	-	-	-	-

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

JANUARY - JUNE 2020 (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											
MAINE																													
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NONMETAL	-	-	-	-	4	1,441	-	-	-	-	1	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
STONE	-	-	-	-	-	-	-	-	-	-	-	138	108,287	-	-	-	-	-	-	-	-	-	-	-	-	-			
SAND AND GRAVEL	-	-	-	-	-	-	-	-	2	-	-	464	257,849	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL, MINN	-	-	-	-	4	1,441	-	-	2	-	-	603	366,143	-	-	-	-	-	-	-	-	-	-	-	-	-			
COAL																													
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MARYLAND																													
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NONMETAL	-	-	-	-	-	-	-	-	-	-	7	3,644	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
STONE	-	1	-	-	57	53,880	-	-	4	-	-	215	218,351	-	-	-	-	-	-	-	-	2	1	437	493,483	5,932			
SAND AND GRAVEL	-	-	-	-	-	-	-	-	1	1	187	195,520	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL, MINN	-	1	-	-	57	53,880	-	-	5	1	409	417,515	-	-	-	-	-	-	-	-	-	2	1	445	499,415	-			
COAL																													
	-	-	-	1	103	116,157	343,017	-	-	-	88	94,602	312,093	-	-	-	-	-	-	-	-	-	-	-	-	-			
MASSACHUSETTS																													
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NONMETAL	-	-	-	-	-	-	-	-	-	-	13	7,974	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
STONE	-	-	-	-	-	-	-	-	3	1	343	310,236	-	-	-	-	-	-	-	-	-	1	1	230	195,445	-			
SAND AND GRAVEL	-	-	-	-	-	-	-	-	1	-	346	215,177	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL, MINN	-	-	-	-	-	-	-	-	4	1	702	533,387	-	-	-	-	-	-	-	-	-	1	1	230	195,445	-			
COAL																													
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MICHIGAN																													
METAL	-	-	-	-	26	24,854	-	-	5	-	404	314,284	-	-	-	-	-	-	-	-	-	3	2	445	457,888	-			
NONMETAL	-	-	-	-	66	84,718	-	-	1	-	58	54,263	-	-	-	-	-	-	-	-	-	1	-	12	7,166	-			
STONE	-	-	-	-	-	-	-	-	1	-	221	228,380	-	-	-	-	-	-	-	-	-	5	5	626	671,317	-			
SAND AND GRAVEL	-	-	-	-	-	-	-	-	1	-	1,092	812,828	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL, MINN	-	-	-	-	92	109,572	-	-	7	2	1,775	1,409,755	-	-	-	-	-	-	-	-	-	9	7	1,083	1,136,371	-			
COAL																													
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MINNESOTA																													
METAL	-	-	-	-	-	-	-	-	8	3	1,858	1,839,716	-	-	-	-	-	-	-	-	-	4	6	1,526	1,386,657	-			
NONMETAL	-	-	-	-	-	-	-	-	-	-	25	13,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
STONE	-	-	-	-	-	-	-	-	1	2	249	191,702	-	-	-	-	-	-	-	-	-	1	-	71	64,986	-			
SAND AND GRAVEL	-	-	-	-	-	-	-	-	2	2	1,271	604,310	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL, MINN	-	-	-	-	-	-	-	-	11	7	3,403	2,648,728	-	-	-	-	-	-	-	-	-	5	6	1,597	1,451,643	-			
COAL																													
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

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

JANUARY - JUNE 2020 (PRELIMINARY)

Underground Mines																
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production										
	Fatal	NFDL	NDL													
MISSISSIPPI																
METAL	-	-	-	-	-	-										
NONMETAL	-	-	-	-	-	-										
STONE	-	-	-	-	-	-										
SAND AND GRAVEL	-	-	-	-	-	-										
TOTAL, MINM	-	-	-	-	-	-										
COAL	-	-	-	-	-	-										
MISSOURI																
METAL	-	17	2	609	700,310	-										
NONMETAL	-	-	-	18	24,783	-										
STONE	-	3	7	333	397,671	-										
SAND AND GRAVEL	-	-	-	-	-	-										
TOTAL, MINM	-	20	9	960	1,122,764	-										
COAL	-	-	-	-	-	-										
MONTANA																
METAL	-	15	6	1,478	1,399,747	-										
NONMETAL	-	-	-	-	-	-										
STONE	-	-	-	-	-	-										
SAND AND GRAVEL	-	-	-	-	-	-										
TOTAL, MINM	-	15	6	1,478	1,399,747	-										
COAL	-	-	1	215	225,963	3,248,214										
NEBRASKA																
METAL	-	-	-	-	-	-										
NONMETAL	-	-	-	-	-	-										
STONE	-	1	1	211	271,394	-										
SAND AND GRAVEL	-	-	-	-	-	-										
TOTAL, MINM	-	1	1	211	271,394	-										
COAL	-	-	-	-	-	-										
NEVADA																
METAL	-	7	6	2,583	2,778,666	-										
NONMETAL	-	-	-	-	-	-										
STONE	-	-	-	-	-	-										
SAND AND GRAVEL	-	-	-	-	-	-										
TOTAL, MINM	-	7	6	2,583	2,778,666	-										
COAL	-	-	-	-	-	-										

Surface Operations																
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production										
Fatal	NFDL	NDL														
MISSISSIPPI																
METAL	-	-	-	-	-	-										
NONMETAL	-	-	-	23	26,086	-										
STONE	-	-	-	10	7,493	-										
SAND AND GRAVEL	-	3	-	474	489,777	-										
TOTAL, MINM	-	3	-	507	523,356	-										
COAL	-	-	-	195	204,735	1,343,039										
MISSOURI																
METAL	-	-	-	-	-	-										
NONMETAL	-	-	-	68	52,053	-										
STONE	-	8	4	1,218	1,150,761	-										
SAND AND GRAVEL	-	1	-	251	183,683	-										
TOTAL, MINM	-	9	4	1,537	1,386,497	-										
COAL	-	-	-	12	12,653	82,141										
MONTANA																
METAL	-	-	-	178	192,129	-										
NONMETAL	-	1	-	65	50,556	-										
STONE	-	4	2	126	87,354	-										
SAND AND GRAVEL	-	3	-	496	236,485	-										
TOTAL, MINM	-	8	2	865	566,524	-										
COAL	-	3	2	813	811,059	10,109,404										
NEBRASKA																
METAL	-	-	-	-	-	-										
NONMETAL	-	-	-	6	2,348	-										
STONE	-	-	-	69	57,094	-										
SAND AND GRAVEL	-	5	-	453	309,176	-										
TOTAL, MINM	-	5	-	528	368,618	-										
COAL	-	-	-	-	-	-										
NEVADA																
METAL	-	22	9	4,597	4,791,483	-										
NONMETAL	-	-	2	267	242,956	-										
STONE	-	2	-	162	155,500	-										
SAND AND GRAVEL	-	1	-	618	539,686	-										
TOTAL, MINM	-	25	11	5,644	5,729,625	-										
COAL	-	-	-	-	-	-										
MILLS AND PREP PLANTS																
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS											
Fatal	NFDL	NDL														
MISSISSIPPI																
METAL	-	-	-	-	-											
NONMETAL	-	6	1	299	321,483											
STONE	-	-	-	7	4,108											
SAND AND GRAVEL	-	-	-	-	-											
TOTAL, MINM	-	6	1	306	325,591											
COAL	-	-	-	-	-											
MISSOURI																
METAL	-	1	-	114	114,422											
NONMETAL	-	7	-	520	551,270											
STONE	-	24	16	2,072	2,124,231											
SAND AND GRAVEL	-	-	-	-	-											
TOTAL, MINM	-	32	16	2,706	2,789,923											
COAL	-	-	-	-	-											
MONTANA																
METAL	-	-	1	276	282,704											
NONMETAL	-	5	1	177	178,079											
STONE	-	1	-	160	152,028											
SAND AND GRAVEL	-	6	2	613	612,811											
TOTAL, MINM	-	-	-	97	103,021											
NEBRASKA																
METAL	-	-	-	-	-											
NONMETAL	-	-	-	-	-											
STONE	-	-	2	116	140,839											
SAND AND GRAVEL	-	-	-	-	-											
TOTAL, MINM	-	-	2	116	140,839											
COAL	-	-	-	-	-											
NEVADA																
METAL	-	16	5	2,803	3,115,427											
NONMETAL	-	2	-	444	435,141											
STONE	-	2	-	194	211,936											
SAND AND GRAVEL	-	-	-	-	-											
TOTAL, MINM	-	20	5	3,441	3,762,504											
COAL	-	-	-	-	-											

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

JANUARY - JUNE 2020 (PRELIMINARY)

Underground Mines										Surface Operations										MILLS AND PREP PLANTS					
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES					AVG # EMP	EMP HRS	Production		Fatal	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production		Fatal	NUMBER OF INJURIES			AVG # EMP	EMP HRS		
	Fatal	NFDL	NDL								NFDL	NDL							NFDL	NDL					
NEW HAMPSHIRE																									
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1,280	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	155	140,582	-	-	-	1	-	-	21	21,114	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	353	209,385	-	-	-	-	-	-	-	-	-	-
TOTAL, MINM	-	-	-	-	-	-	-	-	-	-	-	-	-	510	351,247	-	-	-	1	-	-	21	21,114	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY																									
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	26	26,817	-	-	-	2	-	-	109	95,439	-	-
STONE	-	-	-	-	-	-	-	-	-	-	6	3	-	394	441,223	-	-	-	1	-	-	108	119,341	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	2	-	331	309,863	-	-	-	-	-	-	-	-	-	-
TOTAL, MINM	-	-	-	-	-	-	-	-	-	-	6	5	-	751	777,903	-	-	-	3	-	-	217	214,780	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO																									
METAL	-	-	-	-	-	-	-	-	-	-	3	-	-	508	492,799	-	-	-	-	-	-	424	422,508	-	-
NONMETAL	-	-	-	1	-	272	280,140	-	-	-	1	1	-	179	134,475	-	-	-	1	3	-	377	363,354	-	-
STONE	-	-	-	-	-	-	-	-	-	-	2	1	-	284	256,238	-	-	-	-	-	-	94	85,895	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	1	-	-	392	307,852	-	-	-	-	-	-	-	-	-	-
TOTAL, MINM	-	-	-	1	-	272	280,140	-	-	-	7	2	-	1,363	1,191,364	-	-	-	1	3	-	895	871,757	-	-
COAL	-	2	-	-	-	171	196,305	922,524		-	2	-	-	575	587,595	4,380,473		-	-	-	-	86	90,522	-	-
NEW YORK																									
METAL	-	3	-	-	55	77,565	-	-	-	-	-	-	-	13	15,444	-	-	-	1	-	-	78	82,996	-	-
NONMETAL	-	2	2	-	468	384,905	-	-	-	-	1	-	-	76	40,202	-	-	-	-	1	1	154	128,372	-	-
STONE	-	1	-	-	22	25,674	-	-	-	-	4	3	-	810	631,066	-	-	-	8	3	-	595	536,638	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	3	-	-	1,020	671,485	-	-	-	-	-	-	-	-	-	-
TOTAL, MINM	-	6	2	-	545	488,144	-	-	-	-	8	3	-	1,919	1,358,197	-	-	-	9	4	-	827	748,006	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA																									
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	1	462	-	-	-	-	-	-	4	3,662	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	1	-	402	397,040	-	-	-	5	3	-	503	527,174	-	-
STONE	-	-	-	-	-	-	-	-	-	-	2	1	-	901	856,827	-	-	-	2	2	-	797	851,855	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	3	-	-	318	316,259	-	-	-	-	-	-	-	-	-	-
TOTAL, MINM	-	-	-	-	-	-	-	-	-	-	5	2	-	1,622	1,570,588	-	-	-	7	5	-	1,304	1,382,691	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

JANUARY - JUNE 2020 (PRELIMINARY)

Underground Mines															Surface Operations															MILLS AND PREP PLANTS														
STATE AND MINERAL INDUSTRY		NUMBER OF INJURIES					EMP HRS	Production	Fatal		NFDL		NDL		AVG # EMP		EMP HRS	Production	Fatal		NFDL		NDL		AVG # EMP		EMP HRS																	
NORTH DAKOTA	METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19,458																
	NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2,193	-	-	-	-	-	-	-	-	18	-	-	-																
	STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
	SAND AND GRAVEL	-	-	-	-	-	-	-	-	2	2	2	405	194,598	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-															
	TOTAL, MINN	-	-	-	-	-	-	-	-	2	2	2	408	196,791	-	-	-	-	-	-	-	-	-	-	-	18	-	-	19,458															
COAL		-	-	-	-	-	-	-	2	2	3	1,219	1,215,147	13,381,654	-	-	-	-	-	-	-	-	-	-	4	-	-	2,463																
OHIO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
NONMETAL	-	1	1	1	306	218,744	-	-	-	-	-	102	78,620	-	-	-	-	-	-	-	1	-	-	-	-	-	-	133,214																
STONE	-	-	-	-	94	107,239	-	-	2	-	-	718	644,539	-	-	-	-	-	-	5	3	3	945	-	-	-	943,644	-																
SAND AND GRAVEL	-	-	-	-	-	-	-	-	1	1	3	849	723,881	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
TOTAL, MINN	-	1	1	1	400	325,983	-	-	3	3	3	1,669	1,447,040	-	-	-	-	-	-	6	3	3	1,062	-	-	-	1,076,858	-																
COAL		-	1	2	346	392,625	1,390,234	-	-	-	-	141	152,777	564,029	-	-	-	-	-	-	-	1	-	-	132	-	-	105,466																
OKLAHOMA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
NONMETAL	-	-	-	-	-	-	-	-	1	1	1	258	251,772	-	-	-	-	-	-	-	-	-	-	-	-	45	42,069	-																
STONE	-	1	-	-	13	13,666	-	-	6	5	5	1,107	1,097,220	-	-	-	-	-	-	9	1	1	805	-	-	-	905,974	-																
SAND AND GRAVEL	-	-	-	-	-	-	-	-	2	1	1	453	466,020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
TOTAL, MINN	-	1	-	-	13	13,666	-	-	9	7	7	1,818	1,815,012	-	-	-	-	-	-	9	1	1	850	-	-	-	948,043	-																
COAL		-	-	-	-	-	-	-	-	-	-	16	14,779	795	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
OREGON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
METAL	-	-	-	-	6	2,580	-	-	-	-	-	6	2,735	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	82	70,974	-	-	-	-	-	-	1	1	1	130	-	-	123,044	-																	
STONE	-	-	-	-	-	-	-	-	3	-	-	779	659,079	-	-	-	-	-	-	1	-	-	95	-	-	65,880	-																	
SAND AND GRAVEL	-	-	-	-	-	-	-	-	2	3	3	531	391,413	-	-	-	-	-	-	2	1	1	225	-	-	188,924	-																	
TOTAL, MINN	-	-	-	-	6	2,580	-	-	5	3	3	1,398	1,124,201	-	-	-	-	-	-	-	-	-	-	-	-	-	-																	
COAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
PENNSYLVANIA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
NONMETAL	-	-	-	-	-	-	-	-	1	-	-	45	30,900	-	-	-	-	-	-	4	1	1	88	-	-	106,603	-																	
STONE	-	3	2	2	361	328,046	-	-	19	4	4	2,052	1,750,704	-	-	-	-	-	9	7	7	1,919	-	-	78,026	1,773,700	-																	
SAND AND GRAVEL	-	-	-	-	-	-	-	-	3	1	1	405	317,584	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
TOTAL, MINN	-	3	2	2	361	328,046	-	-	23	5	5	2,502	2,099,188	-	-	-	-	-	-	13	8	8	2,119	-	-	1,958,329	-																	
BITUMINOUS COAL		1	40	30	2,949	2,702,163	13,699,356	-	1	-	-	490	433,004	944,156	-	-	-	-	2	1	1	394	-	-	421,875	-	-	-																
ARTHACITE COAL		-	-	-	49	31,793	28,682	-	10	-	-	523	475,557	1,047,098	-	-	-	-	11	-	-	381	-	-	361,922	-	-	-																
COAL		1	40	30	2,998	2,733,956	13,728,038	-	11	-	-	1,013	908,561	1,991,254	-	-	-	-	13	1	1	775	-	-	783,797	-	-	-																

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

JANUARY - JUNE 2020 (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											
PUERTO RICO																													
METAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
NONMETAL		-	-	-	-	-	-	-	-	-	-	11	7,449	-	-	-	-	-	-	-	-								
STONE		-	-	-	-	-	-	-	6	-	-	260	195,785	-	-	3	-	-	307	266,992	-								
SAND AND GRAVEL		-	-	-	-	-	-	-	-	-	-	87	48,046	-	-	-	-	-	-	-	-								
TOTAL, MINM		-	-	-	-	-	-	-	6	-	-	358	251,280	-	-	3	-	-	307	266,992	-								
COAL																													
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
RHODE ISLAND																													
METAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
NONMETAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
STONE		-	-	-	-	-	-	-	-	-	-	53	46,966	-	-	-	1	6	-	5,644	-								
SAND AND GRAVEL		-	-	-	-	-	-	-	-	-	-	163	138,387	-	-	-	-	-	-	-	-								
TOTAL, MINM		-	-	-	-	-	-	-	-	-	-	216	185,353	-	-	-	1	6	-	5,644	-								
COAL																													
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
SOUTH CAROLINA																													
METAL		-	-	-	-	-	-	-	-	-	294	340,810	-	-	-	-	-	91	-	55,171	-								
NONMETAL		-	-	-	-	-	-	-	-	-	67	63,073	-	-	-	1	-	171	-	180,912	-								
STONE		-	-	-	-	-	-	-	4	1	352	364,610	-	-	6	-	543	-	588,845	-	-								
SAND AND GRAVEL		-	-	-	-	-	-	-	-	-	224	235,144	-	-	-	-	-	-	-	-	-								
TOTAL, MINM		-	-	-	-	-	-	-	4	1	937	1,003,637	-	-	7	-	805	-	824,928	-	-								
COAL																													
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
SOUTH DAKOTA																													
METAL		-	-	-	-	-	-	-	-	2	155	136,794	-	-	-	1	-	54	-	48,758	-								
NONMETAL		-	-	-	-	-	-	-	-	-	9	5,392	-	-	-	-	28	-	22,060	-	-								
STONE		-	-	-	-	-	-	-	4	1	191	193,843	-	-	5	-	182	-	188,000	-	-								
SAND AND GRAVEL		-	-	-	-	-	-	-	1	1	341	230,253	-	-	-	-	-	-	-	-	-								
TOTAL, MINM		-	-	-	-	-	-	-	5	4	696	566,282	-	-	-	5	1	264	-	258,818	-								
COAL																													
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
TENNESSEE																													
METAL		-	2	6	638	690,907	-	-	-	-	-	-	-	-	-	1	-	97	-	88,734	-								
NONMETAL		-	-	-	-	-	-	-	-	-	59	50,849	-	-	-	-	-	154	-	159,740	-								
STONE		-	-	-	111	104,480	-	-	-	-	918	790,380	-	-	2	2	973	-	1,015,024	-	-								
SAND AND GRAVEL		-	-	-	-	-	-	-	3	1	230	217,168	-	-	-	-	-	-	-	-	-								
TOTAL, MINM		-	2	6	749	795,387	-	-	3	1	1,207	1,058,397	-	-	-	3	2	1,224	-	1,263,498	-								
COAL																													
		-	1	-	45	46,992	82,813	-	-	-	2	634	9,058	-	-	-	-	19	-	21,261	-								

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

JANUARY - JUNE 2020 (PRELIMINARY)

Underground Mines															Surface Operations															MILLS AND PREP PLANTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
STATE AND MINERAL INDUSTRY		NUMBER OF INJURIES					EMP HRS								NUMBER OF INJURIES					EMP HRS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		Fatal	NFDL	NDL	AVG # EMP	Production									Fatal	NFDL	NDL	AVG # EMP	Production						Fatal	NFDL	NDL	AVG # EMP	Production																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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Table 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION
BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE 2020 (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		NUMBER OF INJURIES					AVG # EMP		EMP HRS				
		Fatal	NFDL	NDL									Fatal	NFDL	NDL							Fatal	NFDL	NDL									
WASHINGTON	METAL	-	-	-	-	70	22,417	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65,485
	NONMETAL	-	-	-	-	-	-	-	-	-	-	29	28,489	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	177,076	-	
	STONE	-	-	-	-	-	-	-	-	-	-	338	277,248	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	212	-		
	SAND AND GRAVEL	-	-	-	-	-	-	-	-	6	1	931	719,042	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	TOTAL, MINM	-	-	-	-	70	22,417	-	-	-	6	1	1,298	1,024,779	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	270	242,561	-	
COAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WEST VIRGINIA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37,270	
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	11	7,998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78,854	
STONE	-	1	-	-	87	81,185	-	-	5	-	233	197,298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5	367	343,210	
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	11	12,393	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL, MINM	-	1	-	-	87	81,185	-	-	5	-	255	217,689	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	476	459,334	
COAL		1	165	26	8,131	9,193,135	28,778,163	-	10	1	2,115	2,282,593	5,803,968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	9	1,609	1,696,079	-	
WISCONSIN		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL	-	-	-	-	4	430	-	-	3	-	471	421,133	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	295	228,386	
STONE	-	-	-	-	-	-	-	-	11	5	932	789,661	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4	417	442,492	
SAND AND GRAVEL	-	-	-	-	-	-	-	-	2	1	929	625,412	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL, MINM	-	-	-	-	4	430	-	-	16	6	2,332	1,836,206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	712	670,878	
COAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WYOMING		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL	-	5	3	812	674,592	-	-	-	5	-	255	247,298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3	1,535	1,531,464	
STONE	-	-	-	-	-	-	-	-	-	1	123	126,033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	131	137,784	
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	1	2	475	289,185	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL, MINM	-	5	3	812	674,592	-	-	-	7	3	853	662,516	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	4	1,666	1,669,248	
COAL		-	3	2	141	110,808	1,347,379	-	10	15	4,719	4,715,504	104,775,926	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67,887
NATION		-	56	26	7,171	7,458,838	-	-	114	31	14,939	15,172,542	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	27	12,519	13,031,094	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL	-	23	8	2,778	2,503,675	-	-	-	32	13	6,369	6,080,117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	35	11,169	11,087,938	
STONE	-	21	13	2,621	2,724,718	-	-	2	173	60	28,102	26,837,325	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	197	105	26,005	27,125,633	
SAND AND GRAVEL	-	-	-	-	-	-	-	3	132	53	30,578	25,623,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, MINM	-	100	47	12,570	12,687,231	-	-	5	451	157	79,988	73,712,984	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	330	167	49,693	51,244,665	
COAL		2	390	118	22,557	24,453,185	95,304,309	-	73	31	16,019	16,130,568	166,013,391	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	17	4,791	4,957,656	

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

JANUARY - JUNE 2020 (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	-	2	1	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-
Entrapment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exploding vessels under pressure	-	5	-	-	-	3	-	-	-	-	-	-	-	1	1	-	-	-
Explosives and breaking agents	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Falling, rolling, or sliding material	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fall of face, rib, pillar, side or highwall	-	9	3	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-
Fall of roof or back	-	28	11	-	-	-	-	-	-	-	2	3	-	-	-	-	-	-
Fire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Handling material	-	147	51	-	19	12	-	15	6	-	25	9	-	24	13	-	24	10
Handtools	-	30	23	-	3	8	-	3	5	-	6	5	-	11	2	-	2	12
Nonpowered haulage	-	2	-	-	1	-	-	-	1	-	-	-	-	4	-	-	1	-
Powered haulage	2	36	9	-	6	1	-	1	-	-	6	-	-	14	1	-	2	-
HAULAGE TRUCKS	1	3	-	-	4	1	-	1	-	-	4	-	-	12	-	-	1	-
FRONT-END LOADERS	-	15	5	-	2	-	-	-	-	-	1	-	-	1	-	-	-	-
ALL OTHER Powered haulage	1	18	4	-	-	-	-	-	-	-	1	-	-	1	1	-	1	-
Hoisting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ignition or explosion of gas or dust	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Impoundment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inundation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	26	7	-	5	2	-	2	1	-	2	3	-	10	4	-	2	4
DOZER	-	1	-	-	1	-	-	1	-	-	1	-	-	-	6	1	-	-
DRILL	-	1	-	-	1	-	-	-	-	-	-	2	-	-	1	-	-	1
ALL OTHER Machinery	-	24	7	-	3	2	-	1	1	-	1	1	-	4	2	-	2	3
Slip or fall of person	-	75	9	-	37	3	-	14	2	-	14	3	-	43	5	-	19	1
Stepping or kneeling on object	-	15	-	-	1	-	-	1	-	-	-	-	-	1	1	-	3	-
Striking or bumping	-	4	4	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
Other	-	10	-	-	1	2	-	-	1	-	-	-	-	5	3	-	3	-
Total	2	390	118	-	73	31	-	36	17	-	56	26	-	114	31	-	57	27

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

JANUARY - JUNE 2020 (PRELIMINARY)

		NONMETAL												STONE												SAND / GRAVEL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		UNDERGROUND						SURFACE						UNDERGROUND						SURFACE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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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 - JUNE 2020 (PRELIMINARY)

TYPE OF COAL/WORK LOCATION	Fatal	Fatal IR	NFDL	NFDL IR	NDL	NDL IR	All OCCURRENCES	ALL INCIDENT RATES	AVG # EMP	EMP HRS	PRODUCTION
BITUMINOUS COAL											
UNDERGROUND MINES:											
UNDERGROUND	-	-	17	-	12	-	29	-		-	
SURFACE AT UG	-	-	3	-	1	-	4	-		-	
TOTAL, UNDERGROUND MINES	-	-	20	-	13	-	33	-		-	
SURFACE MINES:											
STRIP MINES	-	-	6	-	6	-	12	-		-	
AUGER MINES	-	-	-	-	-	-	-	-		-	
CULM BANK	-	-	-	-	-	-	-	-		-	
DREDGE	-	-	-	-	-	-	-	-		-	
TOTAL, SURFACE MINES	-	-	6	-	6	-	12	-		-	
TOTAL, PRODUCTION MINING	-	-	26	-	19	-	45	-		-	
PREPARATION PLANTS	-	-	9	-	4	-	13	-		-	
INDEPENDENT SHOPS OR YARDS	-	-	1	-	-	-	1	-		-	
TOTAL, OTHER OPERATIONS	-	-	10	-	4	-	14	-		-	
Total, BITUMINOUS COAL	-	-	36	-	23	-	59	-		-	
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	-	-	-	-	-	-	-	-		-	
INDEPENDENT SHOPS OR YARDS	-	-	-	-	-	-	-	-		-	
TOTAL, OTHER OPERATIONS	-	-	-	-	-	-	-	-		-	
Total, ANTHRACITE COAL	-	-	-	-	-	-	-	-		-	
ALL COAL											
UNDERGROUND MINES:											
UNDERGROUND	-	-	17	1.734	12	1.224	29	2.957	3,337	1,961,281	5,154
SURFACE AT UG	-	-	3	0.376	1	0.125	4	0.501	3,360	1,596,121	-
TOTAL, UNDERGROUND MINES	-	-	20	1.124	13	0.731	33	1.855	6,697	3,557,402	5,154
SURFACE MINES:											
STRIP MINES	-	-	6	0.332	6	0.332	12	0.663	7,308	3,619,208	6,758
AUGER MINES	-	-	-	-	-	-	-	-	60	13,729	-
CULM BANK	-	-	-	-	-	-	-	-	219	88,937	-
DREDGE	-	-	-	-	-	-	-	-	33	11,562	7
TOTAL, SURFACE MINES	-	-	6	0.321	6	0.321	12	0.643	7,620	3,733,436	6,765
TOTAL, PRODUCTION MINING	-	-	26	0.713	19	0.521	45	1.234	14,317	7,290,838	11,919
PREPARATION PLANTS	-	-	9	0.967	4	0.430	13	1.397	3,410	1,860,799	-
INDEPENDENT SHOPS/YARDS	-	-	1	2.422	-	-	1	2.422	107	82,578	-
TOTAL, OTHER OPERATIONS	-	-	10	1.029	4	0.412	14	1.441	3,517	1,943,377	-
Total, ALL COAL	-	-	36	0.780	23	0.498	59	1.278	17,834	9,234,215	11,919
OFFICEWORKERS											
BITUMINOUS COAL	-	-	1	-	-	-	1	-		-	-
ANTHRACITE COAL	-	-	-	-	-	-	-	-		-	-
TOTAL, OFFICEWORKERS	-	-	1	0.290	-	-	1	0.290	852	688,478	-
GRAND TOTAL	-	-	37	0.746	23	0.464	60	1.209	18,686	9,922,693	11,919

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

WORK LOCATION/MINERAL INDUSTRY	Fatal	Fatal IR	NFDL	NFDL IR	NDL	NDL IR	AI OCCURRENCES	ALL INCIDENT RATES	AVG # EMP	EMP HRS
UNDERGROUND MINES										
METAL	-	-	-	0.417	-	-	-	-	-	-
NONMETAL	-	-	7	-	12	0.714	19	1.131	-	-
STONE	-	-	1	-	2	-	3	-	-	-
SAND AND GRAVEL	-	-	-	-	1	-	1	-	-	-
TOTAL, UNDERGROUND MINES	-	-	-	-	-	-	-	-	-	-
SURFACE MINES	-	-	8	0.476	15	0.893	23	1.369	5,864	3,361,283
METAL	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	8	0.085	7	0.075	15	0.160	-	-
STONE	-	-	7	-	3	-	10	-	-	-
SAND AND GRAVEL	-	-	30	-	10	-	40	-	-	-
TOTAL, SURFACE MINES	2	-	8	-	1	-	11	-	-	-
TOTAL, MINES	2	-	53	0.564	21	0.224	76	0.809	37,687	18,789,162
MILLS	2	0.018	61	0.551	36	0.325	99	0.894	43,551	22,150,445
METAL	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	8	0.191	9	0.215	17	0.405	-	-
STONE	-	-	4	-	4	-	8	-	-	-
SAND AND GRAVEL	-	-	13	-	11	-	24	-	-	-
TOTAL, MILLS	-	-	-	-	-	-	-	-	-	-
INDEPENDENT SHOPS AND YARDS	-	-	25	0.596	24	0.572	49	1.169	13,300	8,385,718
METAL	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-
TOTAL, INDEPENDENT SHOPS AND YARDS	-	-	-	-	-	-	-	-	-	-
ALL MINES, MILLS AND SHOPS	-	-	-	-	-	-	-	-	-	-
METAL	-	-	23	0.151	28	0.183	51	0.334	-	-
NONMETAL	-	-	12	-	9	-	21	-	-	-
STONE	-	-	43	-	22	-	65	-	-	-
SAND AND GRAVEL	2	-	8	-	1	-	11	-	-	-
TOTAL, ALL MINES, MILLS AND SHOPS	2	0.013	86	0.563	60	0.383	148	0.969	56,852	30,536,175
OFFICEWORKERS										
METAL	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	1	0.160	-	-	1	0.160	-	-
STONE	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-
TOTAL, OFFICEWORKERS	-	-	1	0.160	-	-	1	0.160	2,083	1,253,594
SUMMARY TOTAL (INCLUDING OFFICEWORKERS)										
METAL	-	-	24	0.151	28	0.176	52	0.327	-	-
NONMETAL	-	-	12	-	9	-	21	-	-	-
STONE	-	-	43	-	22	-	65	-	-	-
SAND AND GRAVEL	2	-	8	-	1	-	11	-	-	-
GRAND TOTAL	2	0.013	87	0.547	60	0.377	149	0.937	58,935	31,789,769

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

JANUARY - JUNE 2020 (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		
ALABAMA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, MINM	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-
COAL	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
ALASKA																	
METAL	-	-	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, MINM	-	-	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA																	
METAL	-	1	2	-	-	-	-	3	-	-	-	-	-	2	3	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-
TOTAL, MINM	-	1	2	-	-	-	2	4	-	-	-	-	-	2	3	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARKANSAS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
TOTAL, MINM	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
TOTAL, MINM	-	-	-	-	-	-	-	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 - JUNE 2020 (PRELIMINARY)

Underground Mines														Surface Operations														MILLS AND PREP PLANTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
STATE AND MINERAL INDUSTRY		NUMBER OF INJURIES												NUMBER OF INJURIES				AVG # EMP		EMP HRS		Production																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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Table 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION
BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE 2020 (PRELIMINARY)

Underground Mines													Surface Operations													MILLS AND PREP PLANTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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Table 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION
BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE 2020 (PRELIMINARY)

Underground Mines													Surface Operations													MILLS AND PREP PLANTS					
STATE AND MINERAL INDUSTRY		NUMBER OF INJURIES					EMP HRS						NUMBER OF INJURIES					EMP HRS													
		Fatal	NFDL	NDL	AVG # EMP	Production							Fatal	NFDL	NDL	AVG # EMP	Production														
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Table 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION
BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE 2020 (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											
MAINE																													
METAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
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Table 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION
BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE 2020 (PRELIMINARY)

Underground Mines															Surface Operations															MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY		NUMBER OF INJURIES					NUMBER OF INJURIES					NUMBER OF INJURIES					NUMBER OF INJURIES																	
		Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS										
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SAND AND GRAVEL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
TOTAL, MINM		-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
COAL		-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-										
NEBRASKA																																		
METAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
NONMETAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
STONE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
SAND AND GRAVEL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
TOTAL, MINM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
COAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
NEVADA																																		
METAL		-	3	5	-	-	-	-	-	-	-	-	-	1	6	-	-	-	-	-	-	2	1	-										
NONMETAL		-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-										
STONE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
SAND AND GRAVEL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
TOTAL, MINM		-	3	5	-	-	-	-	-	-	-	-	-	2	6	-	-	-	-	-	-	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 - JUNE 2020 (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		
NEW HAMPSHIRE																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, MINM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, MINM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO																	
METAL	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, MINM	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
NEW YORK																	
METAL	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
TOTAL, MINM	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
NONMETAL	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-
STONE	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	2	-	-	-	-	1	2	-	-
TOTAL, MINM	-	-	-	-	-	-	4	-	2	-	-	-	-	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 - JUNE 2020 (PRELIMINARY)

Underground Mines																	Surface Operations																	MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY		NUMBER OF INJURIES						NUMBER OF INJURIES										NUMBER OF INJURIES					NUMBER OF INJURIES															
		Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	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, MINM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
COAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
OHIO																																						
METAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
NONMETAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
STONE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
SAND AND GRAVEL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
TOTAL, MINM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
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OKLAHOMA																																						
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NONMETAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
STONE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
SAND AND GRAVEL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
TOTAL, MINM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
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OREGON																																						
METAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
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TOTAL, MINM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
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PENNSYLVANIA																																						
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SAND AND GRAVEL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
TOTAL, MINM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
COAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
BITUMINOUS COAL		-	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
ARTHRACTITE COAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
COAL		-	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 - JUNE 2020 (PRELIMINARY)

Underground Mines													Surface Operations													MILLS AND PREP PLANTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
STATE AND MINERAL INDUSTRY		NUMBER OF INJURIES											NUMBER OF INJURIES				AVG # EMP		EMP HRS		Production																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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Table 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION
BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE 2020 (PRELIMINARY)

Underground Mines														Surface Operations														MILLS AND PREP PLANTS					
STATE AND MINERAL INDUSTRY		NUMBER OF INJURIES												NUMBER OF INJURIES																			
		Fatal	NFDL	NDL	AVG # EMP									EMP HRS	Production	Fatal	NFDL			NDL	AVG # EMP	EMP HRS	Production										
TEXAS	METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	TOTAL, MINM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
COAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
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METAL	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TOTAL, MINM	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
COAL		-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
VERMONT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TOTAL, MINM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
COAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
VIRGIN ISLANDS OF THE U S		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TOTAL, MINM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
COAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
VIRGINIA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TOTAL, MINM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
COAL		-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						

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

JANUARY - JUNE 2020 (PRELIMINARY)

Accident Classification	COAL										METAL									
	UNDERGROUND					SURFACE					UNDERGROUND					SURFACE				
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	FATAL	NFDL	NDL	FATAL	NFDL	FATAL	NFDL	NDL	FATAL	NDL
Electrical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Entrapment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exploding vessels under pressure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Explosives and breaking agents	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Falling, rolling, or sliding material	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fall of face, rib, pillar, side or highwall	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Fall of roof or back	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fire	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Handling material	-	11	5	-	1	1	-	3	3	-	-	3	4	-	3	-	1	4	-	4
Handtools	-	1	1	-	1	3	-	1	-	-	-	-	1	-	-	-	1	1	-	1
Nonpowered haulage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Powered haulage	-	1	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	1
HAULAGE TRUCKS	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	1
FRONT-END LOADERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER Powered haulage	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hoisting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ignition or explosion of gas or dust	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Impoundment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inundation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	1	2	-	1	2	-	-	-	-	-	-	3	-	1	-	-	-	-	1
DOZER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRILL	-	-	1	-	-	1	-	-	-	-	-	-	2	-	-	-	-	-	-	-
ALL OTHER Machinery	-	1	1	-	1	1	-	-	-	-	-	-	1	-	1	-	-	2	1	1
Slip or fall of person	-	4	-	-	2	-	-	-	4	-	-	4	-	-	4	-	-	3	-	-
Stepping or kneeling on object	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1
Striking or bumping	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
Total	-	20	13	-	6	6	-	6	10	-	-	7	12	-	8	-	7	-	-	9

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

JANUARY - JUNE 2020 (PRELIMINARY)

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