

Mine Injury and Worktime, Quarterly

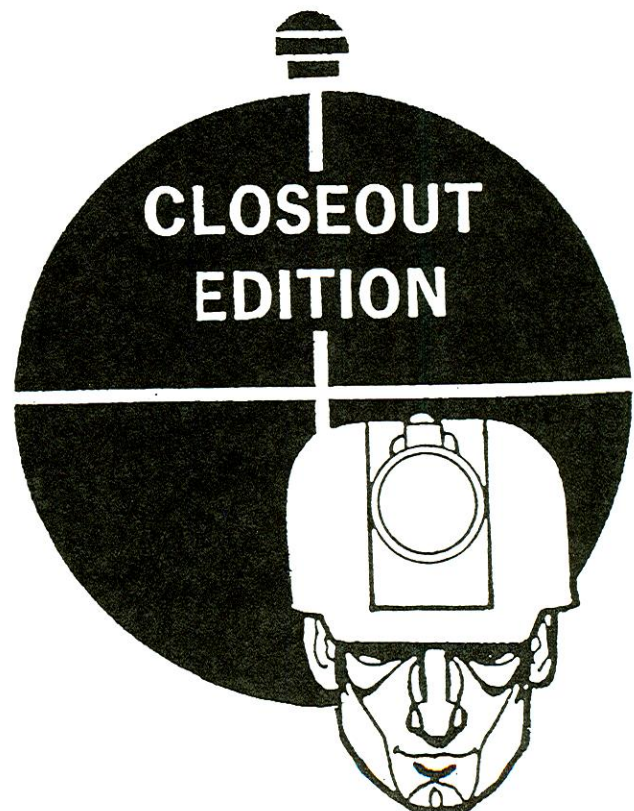


U.S. Department of Labor
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Mine Safety and Health Administration
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Program Evaluation and Information Resources
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This publication has been reviewed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

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LIMITATIONS AND SCOPE OF DATA

In order to maintain consistency with prior years, fatalities occurring to independent contractor employees are included in chart 1. However, beginning in 1983, tabular data on independent contractors are depicted separately from operator data. Independent contractors have been exempted 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. Also, 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. For more detailed information concerning these changes, see the guidelines accompanying MSHA Policy Memoranda Nos. 82-6A MM and 81-35A C.

All data presented in this publication are final. 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.

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:

$$IR = \frac{\text{Number of injury occurrences}}{\text{Number of employee hours}} \times 200,000$$

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. The quantities reported by operators and independent contractors are not verified or questioned by MSHA except in cases of extreme deviation from expectations. The numbers are to be used only in computation of various rates and size-group classification, not as a highly accurate measure of coal produced in the United States.

Chart 1. Number of Fatal Injuries in the U.S. Mining Industries,
2011, 2012 and 2013

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Fatal Injuries

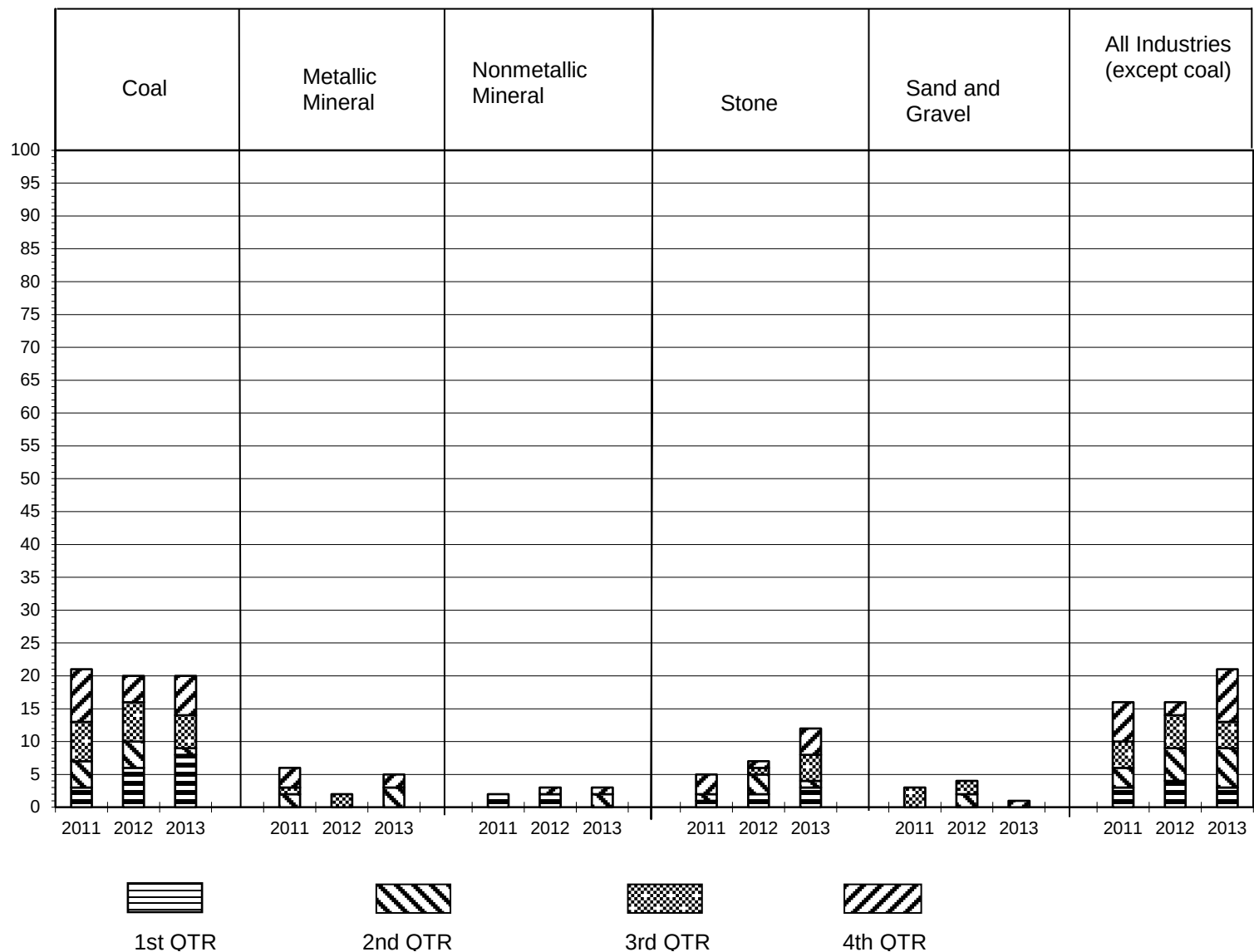


TABLE 1. NUMBER OF OPERATOR INJURIES, INJURY-INCIDENCE RATES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS, AND PRODUCTION BY TYPE OF COAL MINED AND WORK LOCATION
JANUARY - DECEMBER 2013 (FINAL)

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	14	0.030	1,577	3.433	706	1.537	2,297	5.001	40,757	91,870,172	341,121,273
SURFACE AT UG	-	-	90	3.270	58	2.107	148	5.377	2,692	5,505,005	-
TOTAL, UNDERGROUND MINES	14	0.029	1,667	3.424	764	1.569	2,445	5.022	43,449	97,375,177	341,121,273
SURFACE MINES:											
STRIP MINES	3	0.010	291	1.003	125	0.431	419	1.444	26,838	58,042,323	636,903,065
AUGER MINES	-	-	4	1.766	2	0.883	6	2.648	346	453,093	2,188,182
OTHER SURFACE MINES	-	-	-	-	-	-	-	-	276	382,569	1,454,562
TOTAL, SURFACE MINES	3	0.010	295	1.002	127	0.431	425	1.444	27,460	58,877,985	640,545,809
TOTAL, PRODUCTION MINING	17	0.022	1,962	2.511	891	1.140	2,870	3.674	70,909	156,253,162	981,667,082
PREPARATION PLANTS	1	0.012	116	1.429	51	0.628	168	2.070	7,294	16,231,465	-
INDEPENDENT SHOPS OR YARDS	-	-	3	0.571	5	0.951	8	1.522	468	1,051,583	-
TOTAL, OTHER OPERATIONS	1	0.012	119	1.377	56	0.648	176	2.037	7,762	17,283,048	-
Total, BITUMINOUS COAL	18	0.021	2,081	2.398	947	1.091	3,046	3.511	78,671	173,536,210	981,667,082
ANTHRACITE COAL											
UNDERGROUND MINES:											
UNDERGROUND	-	-	-	-	-	-	-	-	77	89,068	98,760
SURFACE AT UG	-	-	1	7.336	-	-	1	7.336	22	27,263	-
TOTAL, UNDERGROUND MINES	-	-	1	1.719	-	-	1	1.719	99	116,331	98,760
SURFACE MINES:											
STRIP MINES	-	-	21	4.289	8	1.634	29	5.923	536	979,248	1,979,033
CULM BANK	-	-	3	2.586	-	-	3	2.586	131	231,997	71,322
TOTAL, SURFACE MINES	-	-	24	3.963	8	1.321	32	5.284	667	1,211,245	2,050,355
TOTAL, PRODUCTION MINING	-	-	25	3.766	8	1.205	33	4.971	766	1,327,576	2,149,115
PREPARATION PLANTS	-	-	23	5.558	17	4.108	40	9.666	399	827,618	-
TOTAL, OTHER OPERATIONS	-	-	23	5.558	17	4.108	40	9.666	399	827,618	-
Total, ANTHRACITE COAL	-	-	48	4.454	25	2.320	73	6.774	1,165	2,155,194	2,149,115
ALL COAL											
UNDERGROUND MINES:											
UNDERGROUND	14	0.030	1,577	3.430	706	1.535	2,297	4.996	40,834	91,959,240	341,220,033
SURFACE AT UG	-	-	91	3.290	58	2.097	149	5.387	2,714	5,532,268	-
TOTAL, UNDERGROUND MINES	14	0.029	1,668	3.422	764	1.567	2,446	5.018	43,548	97,491,508	341,220,033
SURFACE MINES:											
STRIP MINES	3	0.010	312	1.057	133	0.451	448	1.518	27,374	59,021,571	638,882,098
AUGER MINES	-	-	4	1.766	2	0.883	6	2.648	346	453,093	2,188,182
CULM BANK	-	-	3	1.001	-	-	3	1.001	398	599,689	1,494,758
DREDGE	-	-	-	-	-	-	-	-	9	14,877	31,126
TOTAL, SURFACE MINES	3	0.010	319	1.062	135	0.449	457	1.521	28,127	60,089,230	642,596,164
TOTAL, PRODUCTION MINING	17	0.022	1,987	2.522	899	1.141	2,903	3.684	71,675	157,580,738	983,816,197
PREPARATION PLANTS	1	0.012	139	1.630	68	0.797	208	2.439	7,693	17,059,083	-
INDEPENDENT SHOPS/YARDS	-	-	3	0.571	5	0.951	8	1.522	468	1,051,583	-
TOTAL, OTHER OPERATIONS	1	0.011	142	1.568	73	0.806	216	2.385	8,161	18,110,666	-
Total, ALL COAL	18	0.020	2,129	2.424	972	1.106	3,119	3.551	79,836	175,691,404	983,816,197
OFFICEWORKERS											
BITUMINOUS COAL	-	-	2	0.068	1	0.034	3	0.103	3,068	5,852,740	-
ANTHRACITE COAL	-	-	-	-	-	-	-	-	131	203,609	-
TOTAL, OFFICEWORKERS	-	-	2	0.066	1	0.033	3	0.099	3,199	6,056,349	-
GRAND TOTAL	18	0.020	2,131	2.345	973	1.071	3,122	3.436	83,035	181,747,753	983,816,197

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TABLE 2. NUMBER OF OPERATOR INJURIES, INJURY-INCIDENCE RATES, AVERAGE NUMBER OF EMPLOYEES,
AND EMPLOYEE HOURS BY WORK LOCATION AND MINERAL INDUSTRY
JANUARY - DECEMBER 2013 (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	4	0.048	208	2.487	106	1.267	318	3.802	8,314	16,726,988
NONMETAL	1	0.031	55	1.700	31	0.958	87	2.689	3,127	6,469,607
STONE	-	-	63	2.537	28	1.128	91	3.665	2,312	4,965,919
TOTAL, UNDERGROUND MINES	5	0.036	326	2.315	165	1.172	496	3.522	13,753	28,162,514
SURFACE MINES										
METAL	-	-	283	1.615	95	0.542	378	2.158	16,565	35,038,980
NONMETAL	1	0.026	63	1.619	28	0.719	92	2.364	4,171	7,784,067
STONE	9	0.036	472	1.910	220	0.890	701	2.837	26,836	49,416,477
SAND AND GRAVEL	2	0.008	365	1.493	171	0.699	538	2.200	30,126	48,902,984
TOTAL, SURFACE MINES	12	0.017	1,183	1.676	514	0.728	1,709	2.422	77,698	141,142,508
TOTAL, MINES	17	0.020	1,509	1.783	679	0.802	2,205	2.605	91,451	169,305,022
MILLS										
METAL	-	-	300	1.861	123	0.763	423	2.624	15,174	32,238,788
NONMETAL	-	-	188	1.637	89	0.775	277	2.412	11,104	22,970,942
STONE	2	0.007	511	1.893	259	0.959	772	2.860	26,424	53,990,831
TOTAL, MILLS	2	0.004	999	1.830	471	0.863	1,472	2.696	52,702	109,200,561
INDEPENDENT SHOPS AND YARDS										
METAL	-	-	5	1.573	2	0.629	7	2.203	301	635,587
STONE	-	-	2	1.374	3	2.061	5	3.435	169	291,162
TOTAL, INDEPENDENT SHOPS AND YARDS	-	-	7	1.511	5	1.079	12	2.590	470	926,749
ALL MINES, MILLS AND SHOPS										
METAL	4	0.009	796	1.881	326	0.770	1,126	2.661	40,354	84,640,343
NONMETAL	2	0.011	306	1.644	148	0.795	456	2.450	18,402	37,224,616
STONE	11	0.020	1,048	1.929	510	0.939	1,569	2.888	55,741	108,664,389
SAND AND GRAVEL	2	0.008	365	1.493	171	0.699	538	2.200	30,126	48,902,984
TOTAL, ALL MINES, MILLS AND SHOPS	19	0.014	2,515	1.800	1,155	0.827	3,689	2.640	144,623	279,432,332
OFFICEWORKERS										
METAL	-	-	4	0.077	4	0.077	8	0.155	5,369	10,335,922
NONMETAL	-	-	1	0.030	3	0.091	4	0.121	3,501	6,604,219
STONE	-	-	13	0.141	1	0.011	14	0.151	10,304	18,485,520
SAND AND GRAVEL	-	-	3	0.082	-	-	3	0.082	6,417	7,308,068
TOTAL, OFFICEWORKERS	-	-	21	0.098	8	0.037	29	0.136	25,591	42,733,729
SUMMARY TOTAL (INCLUDING OFFICEWORKERS)										
METAL	4	0.008	800	1.685	330	0.695	1,134	2.388	45,723	94,976,265
NONMETAL	2	0.009	307	1.401	151	0.689	460	2.099	21,903	43,828,835
STONE	11	0.017	1,061	1.669	511	0.804	1,583	2.490	66,045	127,149,909
SAND AND GRAVEL	2	0.007	368	1.309	171	0.608	541	1.925	36,543	56,211,052
GRAND TOTAL	19	0.012	2,536	1.574	1,163	0.722	3,718	2.308	170,214	322,166,061

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

JANUARY - DECEMBER 2013 (FINAL)

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	-	-	-	-	-	-	-	1	-	4	5,853	-	-	-	-	35	76,644
NONMETAL	-	-	-	-	-	-	-	1	-	60	85,522	-	-	4	3	168	373,523
STONE	-	-	-	9	13,335	-	-	9	4	687	1,470,310	-	-	23	12	1,393	3,056,275
SAND AND GRAVEL	-	-	-	-	-	-	-	7	3	426	891,388	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	9	13,335	-	-	18	7	1,177	2,453,073	-	-	27	15	1,596	3,506,442
COAL	1	121	55	2,588	6,201,827	13,390,585	-	11	4	1,093	2,355,521	5,068,249	-	4	1	482	1,036,729
ALASKA																	
METAL	-	23	6	692	1,472,777	-	-	11	8	833	1,802,241	-	-	7	4	545	1,345,658
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	102	112,304	-	-	-	-	21	35,264
SAND AND GRAVEL	-	-	-	-	-	-	-	2	3	390	319,614	-	-	-	-	-	-
TOTAL, M/NM	-	23	6	692	1,472,777	-	-	13	11	1,325	2,234,159	-	-	7	4	566	1,380,922
COAL	-	-	-	-	-	-	-	1	4	107	240,532	1,550,358	-	-	-	8	12,331
ARIZONA																	
METAL	-	14	6	224	416,434	-	-	91	21	4,388	9,435,559	-	-	57	30	3,789	7,687,024
NONMETAL	-	-	-	5	6,770	-	-	-	-	38	65,610	-	-	-	1	8	13,741
STONE	-	-	-	-	-	-	-	9	2	504	919,649	-	-	9	2	213	435,537
SAND AND GRAVEL	-	-	-	-	-	-	-	13	3	1,284	2,055,637	-	-	-	-	-	-
TOTAL, M/NM	-	14	6	229	423,204	-	-	113	26	6,214	12,476,455	-	-	66	33	4,010	8,136,302
COAL	-	-	-	-	-	-	-	1	1	319	810,566	7,602,722	-	4	-	75	181,535
ARKANSAS																	
METAL	-	-	-	-	-	-	-	1	-	160	149,877	-	-	6	7	436	873,563
NONMETAL	-	-	-	-	-	-	-	-	-	49	60,242	-	-	-	-	6	6,382
STONE	-	-	-	46	101,558	-	-	4	11	863	1,742,576	-	-	18	7	500	1,034,714
SAND AND GRAVEL	-	-	-	-	-	-	-	6	3	352	706,957	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	46	101,558	-	-	11	14	1,424	2,659,652	-	-	24	14	942	1,914,659
COAL	-	-	1	41	91,273	54,605	-	-	-	2	2,790	3,973	-	-	-	6	13,302
CALIFORNIA																	
METAL	-	5	3	69	108,004	-	-	11	2	350	727,202	-	-	5	1	460	906,150
NONMETAL	-	-	-	9	4,475	-	-	9	2	408	652,973	-	-	20	9	781	1,592,781
STONE	-	-	-	-	-	-	1	17	3	883	1,550,727	-	1	30	11	1,238	2,468,239
SAND AND GRAVEL	-	-	-	-	-	-	-	40	12	2,400	4,770,398	-	-	-	-	-	-
TOTAL, M/NM	-	5	3	78	112,479	-	1	77	19	4,041	7,701,300	-	1	55	21	2,479	4,967,170
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 2013 (FINAL)

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																	
METAL	2	9	6	533	1,074,659	-	-	9	3	473	1,009,265	-	-	9	5	405	817,063
NONMETAL	-	-	-	-	-	-	-	1	-	68	101,748	-	-	-	-	14	26,456
STONE	-	5	1	31	57,711	-	-	11	10	394	689,283	-	-	8	1	319	645,781
SAND AND GRAVEL	-	-	-	-	-	-	-	17	8	987	1,435,985	-	-	-	-	-	-
TOTAL, M/NM	2	14	7	564	1,132,370	-	-	38	21	1,922	3,236,281	-	-	17	6	738	1,489,300
COAL	-	23	12	1,537	3,133,097	19,415,989	-	10	6	389	770,173	4,820,297	-	-	1	108	221,100
CONNECTICUT																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	2	-	262	422,708	-	-	-	2	144	262,478
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	197	294,802	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	2	-	459	717,510	-	-	-	2	144	262,478
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DELAWARE																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	36	64,129
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	1	35	66,998	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	1	35	66,998	-	-	1	-	36	64,129
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLORIDA																	
METAL	-	-	-	-	-	-	-	1	-	46	103,820	-	-	-	1	34	71,804
NONMETAL	-	-	-	-	-	-	-	16	3	938	2,109,728	-	-	4	-	633	1,357,434
STONE	-	-	-	-	-	-	-	24	8	884	1,980,166	-	-	15	4	921	2,060,852
SAND AND GRAVEL	-	-	-	-	-	-	-	6	1	322	604,086	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	47	12	2,190	4,797,800	-	-	19	5	1,588	3,490,090
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEORGIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	141	287,799	-	-	22	11	2,283	4,911,776
STONE	-	5	1	86	183,565	-	1	17	5	737	1,438,612	-	-	8	-	857	1,793,896
SAND AND GRAVEL	-	-	-	-	-	-	1	-	2	256	504,719	-	-	-	-	-	-
TOTAL, M/NM	-	5	1	86	183,565	-	2	17	7	1,134	2,231,130	-	-	30	11	3,140	6,705,672
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 2013 (FINAL)

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		
HAWAII																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	11	2	231	433,603	-	-	4	2	26	60,003
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	42	41,137	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	11	2	273	474,740	-	-	4	2	26	60,003
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO																	
METAL	-	19	15	552	1,077,574	-	-	4	1	120	225,235	-	-	3	2	203	385,670
NONMETAL	-	-	-	-	-	-	-	3	-	308	668,925	-	-	1	-	121	212,201
STONE	-	-	-	-	-	-	-	-	-	226	291,889	-	-	-	1	29	49,524
SAND AND GRAVEL	-	-	-	-	-	-	-	1	2	619	682,878	-	-	-	-	-	-
TOTAL, M/NM	-	19	15	552	1,077,574	-	-	8	3	1,273	1,868,927	-	-	4	3	353	647,395
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ILLINOIS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	23,115
NONMETAL	-	-	-	-	-	-	-	-	-	10	17,185	-	-	1	-	57	129,529
STONE	-	3	-	155	356,472	-	-	9	10	674	1,293,257	-	-	16	19	975	2,104,093
SAND AND GRAVEL	-	-	-	-	-	-	-	3	1	418	689,584	-	-	-	-	-	-
TOTAL, M/NM	-	3	-	155	356,472	-	-	12	11	1,102	2,000,026	-	-	17	19	1,045	2,256,737
COAL	4	121	96	3,192	7,177,996	46,446,547	-	-	-	433	1,007,841	5,809,444	-	4	1	438	969,977
INDIANA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7,001
NONMETAL	-	-	-	32	74,698	-	-	-	2	15	28,285	-	-	1	-	43	107,077
STONE	-	2	3	121	228,021	-	-	17	8	538	1,031,393	-	-	27	13	1,080	2,197,513
SAND AND GRAVEL	-	-	-	-	-	-	-	12	5	526	979,560	-	-	-	-	-	-
TOTAL, M/NM	-	2	3	153	302,719	-	-	29	15	1,079	2,039,238	-	-	28	13	1,127	2,311,591
COAL	1	73	41	1,713	4,211,642	16,836,931	-	17	2	1,386	3,391,345	22,264,903	-	4	4	499	1,101,466
IOWA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	8	20,715
NONMETAL	-	4	3	124	286,902	-	-	-	-	37	71,411	-	-	-	-	97	213,479
STONE	-	4	1	193	432,151	-	-	6	7	834	1,481,442	-	-	18	4	522	1,081,206
SAND AND GRAVEL	-	-	-	-	-	-	-	7	1	555	759,148	-	-	-	-	-	-
TOTAL, M/NM	-	8	4	317	719,053	-	-	13	8	1,426	2,312,001	-	-	18	5	627	1,315,400
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 2013 (FINAL)

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		
KANSAS																	
METAL	-	-	-	-	-	-	-	-	-	1	1,846	-	-	-	-	-	-
NONMETAL	-	5	5	96	195,186	-	-	-	-	32	57,276	-	-	2	2	118	210,068
STONE	-	-	-	11	10,975	-	1	6	4	579	953,269	-	-	7	4	332	602,637
SAND AND GRAVEL	-	-	-	-	-	-	-	3	7	312	429,517	-	-	-	-	-	-
TOTAL, M/NM	-	5	5	107	206,161	-	1	9	11	924	1,441,908	-	-	9	6	450	812,705
COAL	-	-	-	-	-	-	-	-	-	6	14,003	22,150	-	-	-	-	-
KENTUCKY																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	6	15,127	-	-	-	-	46	48,723	-	-	-	1	39	70,329
STONE	-	6	7	492	976,710	-	2	6	4	572	1,147,823	-	-	12	4	933	1,940,304
SAND AND GRAVEL	-	-	-	-	-	-	1	2	1	144	286,507	-	-	-	-	-	-
TOTAL, M/NM	-	6	7	498	991,837	-	3	8	5	762	1,483,053	-	-	12	5	972	2,010,633
COAL	1	285	162	7,796	17,761,890	54,620,360	-	54	13	3,568	7,430,814	25,940,514	-	39	22	1,621	3,657,265
LOUISIANA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	19	7	582	1,423,759
NONMETAL	1	1	1	367	800,230	-	-	-	-	9	2,493	-	-	2	-	250	537,074
STONE	-	-	-	-	-	-	-	1	-	11	15,095	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	10	2	559	1,094,300	-	-	-	-	-	-
TOTAL, M/NM	1	1	1	367	800,230	-	-	11	2	579	1,111,888	-	-	21	7	832	1,960,833
COAL	-	-	-	-	-	-	-	1	1	272	604,541	2,809,188	-	-	-	-	-
MAINE																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	2	4,000	-	-	-	-	1	16	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	1	148	182,596	-	-	-	2	77	152,570
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	437	473,587	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	2	4,000	-	-	2	1	586	656,199	-	-	-	2	77	152,570
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	2	436	-	-	-	-	-	-
STONE	-	-	-	7	12,334	-	-	4	7	227	434,705	-	-	3	4	444	945,971
SAND AND GRAVEL	-	-	-	-	-	-	-	4	1	236	446,472	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	7	12,334	-	-	8	8	465	881,613	-	-	3	4	444	945,971
COAL	-	10	4	141	272,828	670,455	-	3	2	207	446,809	1,254,836	-	-	-	55	97,469

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

JANUARY - DECEMBER 2013 (FINAL)

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		
MASSACHUSETTS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	13	27,143	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	4	4	319	594,934	-	-	1	3	292	525,196
SAND AND GRAVEL	-	-	-	-	-	-	-	2	3	387	434,845	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	6	7	719	1,056,922	-	-	1	3	292	525,196
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN																	
METAL	-	-	-	19	34,525	-	-	20	5	613	1,214,427	-	-	21	10	694	1,525,499
NONMETAL	-	-	-	40	120,564	-	-	-	1	21	41,589	-	-	-	-	1	2,204
STONE	-	-	-	-	-	-	-	16	5	254	507,875	-	-	13	4	544	1,218,129
SAND AND GRAVEL	-	-	-	-	-	-	-	9	8	1,158	1,462,865	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	59	155,089	-	-	45	19	2,046	3,226,756	-	-	34	14	1,239	2,745,832
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MINNESOTA																	
METAL	-	-	-	-	-	-	-	27	16	1,955	4,041,267	-	-	60	13	2,223	4,740,249
NONMETAL	-	-	-	-	-	-	-	-	-	3	450	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	4	2	295	481,202	-	-	8	7	157	375,801
SAND AND GRAVEL	-	-	-	-	-	-	-	5	5	1,299	1,537,036	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	36	23	3,552	6,059,955	-	-	68	20	2,380	5,116,050
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSISSIPPI																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	9	13,322	-	-	3	-	274	609,678
STONE	-	-	-	-	-	-	-	-	-	5	8,285	-	-	-	-	3	7,448
SAND AND GRAVEL	-	-	-	-	-	-	-	13	7	482	917,289	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	13	7	496	938,896	-	-	3	-	277	617,126
COAL	-	-	-	-	-	-	-	1	3	309	642,201	3,575,069	-	-	-	-	-
MISSOURI																	
METAL	-	10	9	667	1,482,068	-	-	-	-	-	-	-	-	1	-	103	227,602
NONMETAL	-	-	-	-	-	-	-	1	-	58	95,872	-	-	8	2	285	605,309
STONE	-	5	5	293	678,321	-	2	14	3	1,178	2,136,710	-	-	42	27	2,269	4,078,068
SAND AND GRAVEL	-	-	-	-	-	-	-	7	1	364	596,560	-	-	-	-	-	-
TOTAL, M/NM	-	15	14	960	2,160,389	-	2	22	4	1,600	2,829,142	-	-	51	29	2,657	4,910,979
COAL	-	-	-	-	-	-	-	-	-	24	62,982	413,703	-	-	-	-	-

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

JANUARY - DECEMBER 2013 (FINAL)

Underground Mines						
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production
	Fatal	NFDL	NDL			
MONTANA						
METAL	-	35	18	1,570	2,890,423	-
NONMETAL	-	-	-	-	-	-
STONE	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-
TOTAL, M/NM	-	35	18	1,570	2,890,423	-
COAL	-	5	2	245	520,975	8,682,884
NEBRASKA						
METAL	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-
STONE	-	3	3	120	326,411	-
SAND AND GRAVEL	-	-	-	-	-	-
TOTAL, M/NM	-	3	3	120	326,411	-
COAL	-	-	-	-	-	-
NEVADA						
METAL	1	45	30	2,671	5,440,807	-
NONMETAL	-	-	-	-	-	-
STONE	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-
TOTAL, M/NM	1	45	30	2,671	5,440,807	-
COAL	-	-	-	-	-	-
NEW HAMPSHIRE						
METAL	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-
STONE	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-
COAL	-	-	-	-	-	-
NEW JERSEY						
METAL	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-
STONE	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-
COAL	-	-	-	-	-	-

Surface Operations					
NUMBER OF INJURIES					
Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production
-	-	2	315	616,316	-
-	3	3	67	70,728	-
-	7	5	192	246,591	-
-	-	2	559	560,625	-
-	10	12	1,133	1,494,260	-
-	3	3	816	1,632,134	33,548,599
-	-	-	-	-	-
-	-	-	3	1,063	-
-	4	1	100	208,059	-
-	4	3	537	890,729	-
-	8	4	640	1,099,851	-
-	-	-	-	-	-
-	85	25	4,962	10,749,763	-
-	3	1	217	341,980	-
-	4	1	139	261,526	-
-	3	2	541	829,443	-
-	95	29	5,859	12,182,712	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	1	5	185	294,200	-
-	1	1	341	424,851	-
-	2	6	526	719,051	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	3	2,414	-
-	14	3	288	676,918	-
-	11	4	416	818,010	-
-	25	7	707	1,497,342	-
-	-	-	-	-	-

MILLS AND PREP PLANTS				
NUMBER OF INJURIES				
Fatal	NFDL	NDL	AVG # EMP	EMP HRS
-	4	1	402	819,587
-	-	2	168	312,530
-	7	3	167	328,627
-	-	-	-	-
-	11	6	737	1,460,744
-	1	-	111	263,796
-	-	-	-	-
-	-	-	-	-
-	1	2	163	316,250
-	-	-	-	-
-	1	2	163	316,250
-	-	-	-	-
-	52	15	2,852	5,994,880
-	15	7	524	1,033,598
1	6	1	207	453,021
-	-	-	-	-
1	73	23	3,583	7,481,499
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	27	47,720
-	-	-	-	-
-	-	-	27	47,720
-	-	-	-	-
-	-	-	-	-
-	-	-	41	70,879
-	2	1	140	300,977
-	-	-	-	-
-	2	1	181	371,856
-	-	-	-	-

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

JANUARY - DECEMBER 2013 (FINAL)

Underground Mines						
	NUMBER OF INJURIES					
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production
NEW MEXICO						
METAL	1	7	1	251	494,928	-
NONMETAL	-	9	5	759	1,582,042	-
STONE	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-
TOTAL, M/NM	1	16	6	1,010	2,076,970	-
COAL	-	14	4	405	854,418	5,989,380
NEW YORK						
METAL	-	-	-	6	8,803	-
NONMETAL	-	6	-	383	718,757	-
STONE	-	3	-	22	40,555	-
SAND AND GRAVEL	-	-	-	-	-	-
TOTAL, M/NM	-	9	-	411	768,115	-
COAL	-	-	-	-	-	-
NORTH CAROLINA						
METAL	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-
STONE	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-
COAL	-	-	-	-	-	-
NORTH DAKOTA						
METAL	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-
STONE	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-
COAL	-	-	-	-	-	-
OHIO						
METAL	-	-	-	-	-	-
NONMETAL	-	4	2	260	511,467	-
STONE	-	4	2	106	221,255	-
SAND AND GRAVEL	-	-	-	-	-	-
TOTAL, M/NM	-	8	4	366	732,722	-
COAL	1	108	37	1,831	4,227,735	17,437,312

Surface Operations					
NUMBER OF INJURIES					
Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production
-	14	4	822	1,787,123	-
-	-	-	104	176,444	-
-	6	1	310	512,659	-
-	3	-	487	694,110	-
-	23	5	1,723	3,170,336	-
-	5	3	639	1,390,930	15,979,261
-	-	-	26	64,830	-
-	1	1	37	67,291	-
1	18	5	780	1,341,418	-
-	10	5	1,262	1,763,141	-
1	29	11	2,105	3,236,680	-
-	-	-	-	-	-
-	-	-	1	1,610	-
-	4	2	279	584,646	-
-	10	5	818	1,549,742	-
-	5	1	577	953,058	-
-	19	8	1,675	3,089,056	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	2	1,404	-
-	-	-	12	11,334	-
-	7	6	842	1,126,989	-
-	7	6	856	1,139,727	-
-	13	7	1,225	2,411,467	27,639,060
-	-	-	-	-	-
-	1	-	63	89,121	-
-	8	4	620	1,130,047	-
-	12	4	884	1,655,710	-
-	21	8	1,567	2,874,878	-
-	13	7	946	2,123,873	7,741,582

MILLS AND PREP PLANTS				
NUMBER OF INJURIES				
Fatal	NFDL	NDL	AVG # EMP	EMP HRS
-	4	1	472	959,026
-	9	3	661	1,269,258
-	-	-	73	148,418
-	-	-	-	-
-	13	4	1,206	2,376,702
-	-	-	97	195,836
-	-	1	39	92,194
-	5	2	169	338,996
-	8	9	643	1,331,510
-	-	-	-	-
-	13	12	851	1,762,700
-	-	-	-	-
-	-	-	6	9,278
-	7	2	426	874,772
-	5	4	727	1,453,195
-	-	-	-	-
-	12	6	1,159	2,337,245
-	-	-	-	-
-	-	-	-	-
-	3	-	37	72,944
-	-	-	-	-
-	-	-	-	-
-	3	-	37	72,944
-	-	1	8	13,069
-	-	-	-	-
-	-	-	49	94,484
-	20	4	1,050	2,170,742
-	-	-	-	-
-	20	4	1,099	2,265,226
-	9	2	350	819,346

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

JANUARY - DECEMBER 2013 (FINAL)

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		
OKLAHOMA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	3	3	188	364,732	-	-	-	-	16	26,448
STONE	-	-	-	23	52,200	-	-	31	12	1,231	2,353,346	-	-	7	9	677	1,487,168
SAND AND GRAVEL	-	-	-	-	-	-	-	3	2	357	741,747	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	23	52,200	-	-	37	17	1,776	3,459,825	-	-	7	9	693	1,513,616
COAL	-	5	2	80	210,647	443,460	-	4	-	123	338,844	692,337	-	-	-	2	3,654
OREGON																	
METAL	-	-	-	1	52	-	-	-	-	20	13,648	-	-	-	-	10	10,154
NONMETAL	-	-	-	-	-	-	-	-	-	46	64,307	-	-	5	-	90	164,187
STONE	-	-	-	-	-	-	-	9	2	719	1,030,475	-	-	-	2	89	166,694
SAND AND GRAVEL	-	-	-	-	-	-	-	4	3	384	560,287	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	1	52	-	-	13	5	1,169	1,668,717	-	-	5	2	189	341,035
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	13,688
NONMETAL	-	-	-	-	-	-	-	-	-	19	18,219	-	-	3	2	67	123,280
STONE	-	15	2	314	685,431	-	1	49	22	2,277	3,872,380	-	-	44	20	2,005	3,955,565
SAND AND GRAVEL	-	-	-	-	-	-	-	9	4	487	805,362	-	-	-	-	-	-
TOTAL, M/NM	-	15	2	314	685,431	-	1	58	26	2,783	4,695,961	-	-	47	22	2,079	4,092,533
BITUMINOUS COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARTHACITE COAL	-	192	89	5,017	11,272,736	42,084,584	1	44	10	1,935	3,748,291	9,986,858	-	30	23	1,122	2,304,628
COAL	-	192	89	5,017	11,272,736	42,084,584	1	44	10	1,935	3,748,291	9,986,858	-	30	23	1,122	2,304,628
PUERTO RICO																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	5	-	417	527,074	-	-	11	1	523	684,592
SAND AND GRAVEL	-	-	-	-	-	-	-	5	-	151	211,750	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	10	-	568	738,824	-	-	11	1	523	684,592
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RHODE ISLAND																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	49	68,889	-	-	-	-	12	13,866
SAND AND GRAVEL	-	-	-	-	-	-	-	-	1	129	197,332	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	1	178	266,221	-	-	-	-	12	13,866
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 2013 (FINAL)

Underground Mines						
	NUMBER OF INJURIES					
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production
SOUTH CAROLINA						
METAL	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-
STONE	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-
COAL	-	-	-	-	-	-
SOUTH DAKOTA						
METAL	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-
STONE	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-
COAL	-	-	-	-	-	-
TENNESSEE						
METAL	-	31	9	747	1,642,541	-
NONMETAL	-	-	-	-	-	-
STONE	-	1	-	106	193,016	-
SAND AND GRAVEL	-	-	-	-	-	-
TOTAL, M/NM	-	32	9	853	1,835,557	-
COAL	-	6	2	147	305,854	730,919
TEXAS						
METAL	-	9	-	62	87,495	-
NONMETAL	-	4	-	52	117,510	-
STONE	-	-	-	12	26,914	-
SAND AND GRAVEL	-	-	-	-	-	-
TOTAL, M/NM	-	13	-	126	231,919	-
COAL	-	-	-	-	-	-
UTAH						
METAL	-	1	-	56	88,106	-
NONMETAL	-	3	5	143	301,907	-
STONE	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-
TOTAL, M/NM	-	4	5	199	390,013	-
COAL	1	31	18	1,249	2,555,340	15,827,189

Surface Operations					
NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production
Fatal	NFDL	NDL			
-	-	1	72	141,665	-
-	-	-	36	55,246	-
-	3	1	248	501,404	-
-	5	-	253	487,307	-
-	8	2	609	1,185,622	-
-	-	-	-	-	-
-	1	-	121	193,146	-
-	-	-	4	6,319	-
-	7	6	222	439,201	-
-	6	4	397	500,002	-
-	14	10	744	1,138,668	-
-	-	-	-	-	-
-	-	-	-	-	-
-	2	-	68	129,082	-
-	9	1	834	1,303,470	-
-	3	-	259	490,046	-
-	14	1	1,161	1,922,598	-
-	1	1	130	211,957	367,518
-	-	-	-	-	-
1	3	5	280	500,246	-
-	43	15	3,294	7,093,993	-
-	40	15	2,575	6,007,447	-
1	86	35	6,149	13,601,686	-
-	18	10	2,751	5,931,111	42,558,529
-	7	5	1,253	2,705,451	-
-	1	1	113	189,918	-
-	3	2	201	314,111	-
-	7	6	970	1,334,923	-
-	18	14	2,537	4,544,403	-
-	2	-	48	82,426	566,332

MILLS AND PREP PLANTS				
NUMBER OF INJURIES			AVG # EMP	EMP HRS
Fatal	NFDL	NDL		
-	-	-	-	-
-	2	1	125	251,598
-	5	3	471	980,266
-	-	-	-	-
-	7	4	596	1,231,864
-	-	-	-	-
-	-	2	37	59,534
-	-	3	67	91,468
-	7	4	154	349,217
-	-	-	-	-
-	7	9	258	500,219
-	-	-	-	-
-	4	-	118	265,351
-	2	1	169	351,313
-	19	6	840	1,608,194
-	-	-	-	-
-	25	7	1,127	2,224,858
-	-	1	37	87,593
-	50	21	1,157	2,831,558
-	23	6	756	1,678,499
-	63	25	2,340	5,334,042
-	-	-	-	-
-	136	52	4,253	9,844,099
-	-	-	6	12,960
-	1	2	641	1,308,782
-	2	3	236	432,368
-	1	4	184	378,207
-	-	-	-	-
-	4	9	1,061	2,119,357
-	3	1	98	181,754

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

JANUARY - DECEMBER 2013 (FINAL)

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		
VERMONT																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	1	467	-	-	-	1	14	27,143
STONE	-	1	-	31	71,243	-	-	8	2	365	570,928	-	-	7	2	315	608,123
SAND AND GRAVEL	-	-	-	-	-	-	-	3	-	243	236,583	-	-	-	-	-	-
TOTAL, M/NM	-	1	-	31	71,243	-	-	11	2	609	807,978	-	-	7	3	329	635,266
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGIN ISLANDS OF THE U S																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	42	89,917	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	1	-	42	89,917	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA																	
METAL	-	-	-	-	-	-	-	-	2	29	47,889	-	-	-	1	92	162,520
NONMETAL	-	-	-	2	333	-	-	6	1	65	98,813	-	-	7	4	327	713,339
STONE	-	-	-	37	68,821	-	-	10	9	633	1,316,760	-	-	16	8	1,169	2,391,817
SAND AND GRAVEL	-	-	-	-	-	-	-	4	-	199	364,933	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	39	69,154	-	-	20	12	926	1,828,395	-	-	23	13	1,588	3,267,676
COAL	-	67	35	3,045	6,488,636	12,214,351	-	14	4	1,106	1,963,288	4,799,992	-	7	3	519	1,155,169
WASHINGTON																	
METAL	-	-	3	194	407,792	-	-	-	-	-	-	-	-	-	-	54	112,436
NONMETAL	-	-	-	-	-	-	-	2	2	25	59,646	-	-	5	2	58	125,339
STONE	-	-	-	-	-	-	-	2	3	369	510,833	-	-	5	7	255	451,756
SAND AND GRAVEL	-	-	-	-	-	-	-	12	6	903	1,373,357	-	-	-	-	-	-
TOTAL, M/NM	-	-	3	194	407,792	-	-	16	11	1,297	1,943,836	-	-	10	9	367	689,531
COAL	-	-	-	-	-	-	-	-	-	41	73,086	-	-	-	-	-	-
WEST VIRGINIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	18	39,742
NONMETAL	-	-	-	-	-	-	-	-	-	2	321	-	-	-	1	31	71,691
STONE	-	5	3	73	172,520	-	-	6	1	170	328,474	-	-	6	3	425	898,941
SAND AND GRAVEL	-	-	-	-	-	-	-	-	1	11	20,961	-	-	-	-	-	-
TOTAL, M/NM	-	5	3	73	172,520	-	-	6	2	183	349,756	-	-	7	4	474	1,010,374
COAL	5	594	202	14,243	31,543,349	81,931,866	-	67	21	4,053	9,684,767	34,028,234	1	37	11	2,417	5,584,343

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

JANUARY - DECEMBER 2013 (FINAL)

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		
WISCONSIN																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	1	-	29	63,196	-	-	1	-	47	57,870	-	-	1	1	124	269,547
STONE	-	1	-	24	56,400	-	-	21	13	799	1,355,724	-	-	11	7	531	1,056,262
SAND AND GRAVEL	-	-	-	-	-	-	-	33	18	1,771	2,927,057	-	-	-	-	-	-
TOTAL, M/NM	-	2	-	53	119,596	-	-	55	31	2,617	4,340,651	-	-	12	8	655	1,325,809
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING																	
METAL	-	-	-	-	-	-	-	-	-	1	947	-	-	-	-	-	-
NONMETAL	-	18	10	818	1,666,443	-	-	2	1	236	467,042	-	-	31	19	1,771	3,598,220
STONE	-	-	-	-	-	-	-	1	1	115	186,591	-	-	-	4	122	238,572
SAND AND GRAVEL	-	-	-	-	-	-	-	5	3	404	445,355	-	-	-	-	-	-
TOTAL, M/NM	-	18	10	818	1,666,443	-	-	8	5	756	1,099,935	-	-	31	23	1,893	3,836,792
COAL	-	13	2	278	661,265	4,442,616	2	36	33	6,199	12,716,938	383,552,456	-	-	2	102	194,096
NATION																	
METAL	4	208	106	8,314	16,726,988	-	-	283	95	16,565	35,038,980	-	-	305	125	15,475	32,874,375
NONMETAL	1	55	31	3,127	6,469,607	-	1	63	28	4,171	7,784,067	-	-	188	89	11,104	22,970,942
STONE	-	63	28	2,312	4,965,919	-	9	472	220	26,836	49,416,477	-	2	513	262	26,598	54,285,241
SAND AND GRAVEL	-	-	-	-	-	-	2	365	171	30,126	48,902,984	-	-	-	-	-	-
TOTAL, M/NM	5	326	165	13,753	28,162,514	-	12	1,183	514	77,698	141,142,508	-	2	1,006	476	53,177	110,130,558
COAL	14	1,668	764	43,548	97,491,508	341,220,033	3	319	135	28,127	60,089,230	642,596,164	1	142	73	8,161	18,107,418

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

JANUARY - DECEMBER 2013 (FINAL)

COAL										METAL								
Accident Classification	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	-	9	3	-	4	1	-	2	1	-	1	-	-	2	1	-	6	1
Entrapment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exploding vessels under pressure	-	9	-	-	1	-	1	2	-	-	-	1	-	2	-	-	2	-
Explosives and breaking agents	-	-	-	-	-	-	-	-	-	2	4	1	-	-	-	-	-	-
Falling, rolling, or sliding material	-	5	4	-	1	-	-	-	-	-	-	-	-	2	-	-	-	1
Fall of face, rib, pillar, side or highwall	2	42	5	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-
Fall of roof or back	2	123	76	-	-	-	-	-	-	-	8	7	-	-	-	-	-	-
Fire	-	2	-	-	1	-	-	-	-	-	-	-	-	1	1	-	1	-
Handling material	-	582	271	-	81	43	-	56	36	-	75	50	-	83	30	-	118	57
Handtools	-	104	164	-	28	25	-	8	18	-	15	19	-	16	15	-	38	25
Nonpowered haulage	-	1	-	-	-	-	-	1	-	-	-	-	-	1	-	-	2	-
Powered haulage	7	178	47	-	41	6	-	10	-	2	27	1	-	52	7	-	5	4
HAULAGE TRUCKS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FRONT-END LOADERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER Powered haulage	7	178	47	-	41	6	-	10	-	2	27	1	-	52	7	-	5	4
Hoisting	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-
Ignition or explosion of gas or dust	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Impoundment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inundation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Machinery	2	165	111	3	33	22	-	8	9	-	24	15	-	16	24	-	19	13
DOZER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER Machinery	2	165	111	3	33	22	-	8	9	-	24	15	-	16	24	-	19	13
Slip or fall of person	-	349	56	-	114	29	-	49	8	-	42	8	-	94	9	-	82	10
Stepping or kneeling on object	-	62	4	-	6	2	-	2	-	-	4	-	-	8	1	-	9	1
Striking or bumping	-	20	20	-	-	2	-	-	1	-	-	1	-	3	2	-	7	4
Other	-	17	3	-	6	5	-	4	-	-	5	3	-	2	5	-	15	9
Total	14	1,668	764	3	319	135	1	142	73	4	208	106	-	283	95	-	305	125

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

JANUARY - DECEMBER 2013 (FINAL)

Accident Classification	NONMETAL									STONE									SAND / GRAVEL		
	UNDERGROUND			SURFACE			MILLS			UNDERGROUND			SURFACE			MILLS			SURFACE		
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
Electrical	-	-	1	-	2	1	-	-	-	-	-	-	-	1	1	-	-	2	-	3	5
Entrapment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exploding vessels under pressure	-	-	-	-	-	1	-	2	-	-	-	-	-	-	2	-	1	2	-	2	-
Explosives and breaking agents	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Falling, rolling, or sliding material	1	-	-	-	-	-	-	2	-	-	-	-	1	1	-	-	1	1	1	5	-
Fall of face, rib, pillar, side or highwall	-	1	1	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-
Fall of roof or back	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fire	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2	1	-	1	-
Handling material	-	18	14	-	27	6	-	88	42	-	16	12	-	193	89	-	217	108	-	129	64
Handtools	-	5	2	-	7	6	-	6	18	-	11	8	-	48	52	-	56	59	-	41	42
Nonpowered haulage	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	2	-	-	-	-
Powered haulage	-	7	4	1	5	1	-	11	1	-	11	4	4	49	13	-	26	5	-	39	6
HAULAGE TRUCKS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FRONT-END LOADERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER Powered haulage	-	7	4	1	5	1	-	11	1	-	11	4	4	49	13	-	26	5	-	39	6
Hoisting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Ignition or explosion of gas or dust	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1
Impoundment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inundation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	5	5	-	5	7	-	14	12	-	4	1	1	32	32	1	42	36	-	18	19
DOZER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER Machinery	-	5	5	-	5	7	-	14	12	-	4	1	1	32	32	1	42	36	-	18	19
Slip or fall of person	-	11	1	-	16	3	-	47	10	-	18	1	-	124	21	1	126	28	-	108	24
Stepping or kneeling on object	-	3	-	-	1	2	-	7	1	-	-	-	-	11	2	-	16	3	-	6	-
Striking or bumping	-	1	-	-	-	-	-	2	2	-	1	-	-	2	2	-	4	3	-	2	3
Other	-	3	-	-	-	1	-	4	3	-	2	1	-	10	6	-	18	14	1	8	7
Total	1	55	31	1	63	28	-	188	89	-	63	28	9	472	220	2	513	262	2	365	171

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 2013 (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
UNDERGROUND MINES:											
UNDERGROUND OPERATIONS	-	-	105	2.889	49	1.348	154	4.238	5,557	7,268,367	-
SURFACE OPERATIONS AT UNDERGROU	-	-	34	0.840	14	0.346	48	1.186	8,320	8,092,658	-
TOTAL, UNDERGROUND MINES	-	-	139	1.810	63	0.820	202	2.630	13,877	15,361,025	-
SURFACE MINES:											
STRIP OR OPEN PIT	1	0.012	72	0.828	49	0.564	122	1.403	15,839	17,389,587	352,216
AUGER	-	-	1	1.527	-	-	1	1.527	226	130,962	-
CULM BANK OR REFUSE PILE	-	-	-	-	1	0.431	1	0.431	617	464,003	-
DREDGE	-	-	-	-	-	-	-	-	22	8,539	-
TOTAL, SURFACE MINES	1	0.011	73	0.811	50	0.556	124	1.378	16,704	17,993,091	352,216
TOTAL, PRODUCTION MINING	1	0.006	212	1.271	113	0.678	326	1.955	30,581	33,354,116	352,216
PREPARATION PLANTS	1	0.022	56	1.240	18	0.399	75	1.661	7,305	9,031,546	-
INDEPENDENT SHOPS OR YARDS	-	-	2	1.006	-	-	2	1.006	284	397,659	-
TOTAL, OTHER OPERATIONS	1	0.021	58	1.230	18	0.382	77	1.633	7,589	9,429,205	-
Total,	2	0.009	270	1.262	131	0.612	403	1.884	38,170	42,783,321	352,216
ALL COAL											
UNDERGROUND MINES:											
UNDERGROUND	-	-	105	2.889	49	1.348	154	4.238	5,557	7,268,367	-
SURFACE AT UG	-	-	34	0.840	14	0.346	48	1.186	8,320	8,092,658	-
TOTAL, UNDERGROUND MINES	-	-	139	1.810	63	0.820	202	2.630	13,877	15,361,025	-
SURFACE MINES:											
STRIP MINES	1	0.012	72	0.828	49	0.564	122	1.403	15,839	17,389,587	352,216
AUGER MINES	-	-	1	1.527	-	-	1	1.527	226	130,962	-
CULM BANK	-	-	-	-	1	0.431	1	0.431	617	464,003	-
DREDGE	-	-	-	-	-	-	-	-	22	8,539	-
TOTAL, SURFACE MINES	1	0.011	73	0.811	50	0.556	124	1.378	16,704	17,993,091	352,216
TOTAL, PRODUCTION MINING	1	0.006	212	1.271	113	0.678	326	1.955	30,581	33,354,116	352,216
PREPARATION PLANTS	1	0.022	56	1.240	18	0.399	75	1.661	7,305	9,031,546	-
INDEPENDENT SHOPS/YARDS	-	-	2	1.006	-	-	2	1.006	284	397,659	-
TOTAL, OTHER OPERATIONS	1	0.021	58	1.230	18	0.382	77	1.633	7,589	9,429,205	-
Total, ALL COAL	2	0.009	270	1.262	131	0.612	403	1.884	38,170	42,783,321	352,216
OFFICEWORKERS											
	-	-	3	0.221	-	-	3	0.221	2,054	2,709,692	-
TOTAL, OFFICEWORKERS	-	-	3	0.221	-	-	3	0.221	2,054	2,709,692	-
GRAND TOTAL	2	0.009	273	1.200	131	0.576	406	1.785	40,224	45,493,013	352,216

TABLE 6. NUMBER OF CONTRACTOR INJURIES, INJURY-INCIDENT RATES, AVERAGE NUMBER OF EMPLOYEES,
AND EMPLOYEE HOURS BY WORK LOCATION AND MINERAL INDUSTRY
JANUARY - DECEMBER 2013 (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	-	-	32	0.767	27	0.647	59	1.414	-	-
NONMETAL	-	-	5	-	4	-	9	-	-	-
STONE	-	-	6	-	4	-	10	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-
TOTAL, UNDERGROUND MINES	-	-	43	1.031	35	0.839	78	1.870	8,729	8,344,135
SURFACE MINES	-	-	-	-	-	-	-	-	-	-
METAL	-	-	64	0.273	58	0.247	122	0.519	-	-
NONMETAL	-	-	15	-	14	-	29	-	-	-
STONE	1	-	59	-	28	-	88	-	-	-
SAND AND GRAVEL	-	-	17	-	5	-	22	-	-	-
TOTAL, SURFACE MINES	1	-	155	0.660	105	0.447	261	1.111	47,603	46,968,458
TOTAL, MINES	1	0.004	198	0.716	140	0.506	339	1.226	56,332	55,312,593
MILLS	-	-	-	-	-	-	-	-	-	-
METAL	1	-	66	0.524	55	0.436	122	0.968	-	-
NONMETAL	-	-	17	-	13	-	30	-	-	-
STONE	-	-	64	-	31	-	95	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-
TOTAL, MILLS	1	-	147	1.166	99	0.786	247	1.960	20,387	25,206,806
INDEPENDENT SHOPS AND YARDS	-	-	-	-	-	-	-	-	-	-
METAL	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-
TOTAL, INDEPENDENT SHOPS AND YARDS	-	-	-	-	-	-	-	-	63	21,256
ALL MINES, MILLS AND SHOPS	-	-	-	-	-	-	-	-	-	-
METAL	1	-	162	0.402	140	0.348	303	0.752	-	-
NONMETAL	-	-	37	-	31	-	68	-	-	-
STONE	1	-	129	-	63	-	193	-	-	-
SAND AND GRAVEL	-	-	17	-	5	-	22	-	-	-
TOTAL, ALL MINES, MILLS AND SHOPS	2	0.005	345	0.857	239	0.593	586	1.455	76,782	80,540,655
OFFICEWORKERS	-	-	-	-	-	-	-	-	-	-
METAL	-	-	2	0.070	3	0.105	5	0.175	-	-
NONMETAL	-	-	-	-	1	-	1	-	-	-
STONE	-	-	1	-	-	-	1	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-
TOTAL, OFFICEWORKERS	-	-	3	0.105	4	0.140	7	0.245	4,267	5,709,011
SUMMARY TOTAL (INCLUDING OFFICEWORKERS)	-	-	-	-	-	-	-	-	-	-
METAL	1	-	164	0.380	143	0.332	308	0.714	-	-
NONMETAL	-	-	37	-	32	-	69	-	-	-
STONE	1	-	130	-	63	-	194	-	-	-
SAND AND GRAVEL	-	-	17	-	5	-	22	-	-	-
GRAND TOTAL	2	0.005	348	0.807	243	0.563	593	1.375	81,049	86,249,666

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

JANUARY - DECEMBER 2013 (FINAL)

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	-	-	-	-	-	-	-	4	1	-	-	-	-	1	1	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	4	1	-	-	-	-	1	1	-	-
COAL	-	8	-	-	-	-	-	3	2	-	-	-	-	2	1	-	-
ALASKA																	
METAL	-	3	3	-	-	-	-	3	4	-	-	-	-	2	2	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	3	3	-	-	-	-	3	4	-	-	-	-	2	2	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA																	
METAL	-	-	2	-	-	-	-	15	21	-	-	-	1	29	18	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	2	-	-	-	-	16	21	-	-	-	1	29	19	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARKANSAS																	
METAL	-	-	-	-	-	-	-	1	-	-	-	-	-	6	3	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	2	1	-	-	-	-	6	3	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALIFORNIA																	
METAL	-	-	1	-	-	-	-	2	7	-	-	-	-	1	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	1	-	-	-	-	3	1	-	-
STONE	-	-	-	-	-	-	-	2	-	-	-	-	-	13	4	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	1	-	-	-	-	6	8	-	-	-	-	17	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 2013 (FINAL)

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																	
METAL	-	1	2	-	-	-	-	6	4	-	-	-	-	2	2	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	1	2	-	-	-	-	6	4	-	-	-	-	2	2	-	-
COAL	-	3	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-
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	-	-	-	-	-	-	-	6	2	-	-	-	-	2	1	-	-
STONE	-	-	-	-	-	-	-	2	1	-	-	-	-	4	1	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	8	3	-	-	-	-	7	2	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEORGIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	3	1	-	-	-	-	4	3	-	-
STONE	-	-	-	-	-	-	-	2	4	-	-	-	-	-	1	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	5	5	-	-	-	-	4	4	-	-
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 2013 (FINAL)

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		
HAWAII																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO																	
METAL	-	1	3	-	-	-	-	1	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	1	3	-	-	-	-	3	2	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ILLINOIS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	2	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	2	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-
COAL	-	23	3	-	-	-	-	-	1	-	-	-	-	2	-	-	-
INDIANA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	2	-	-	-	-	1	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	3	-	-	-	-	1	-	-	-
COAL	-	7	6	-	-	-	-	3	4	-	-	-	-	1	-	-	-
IOWA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	1	-	-	-	-	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 2013 (FINAL)

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		
KANSAS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	1	3	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	1	3	-	-	-	-	-	-	-	-	-
COAL	-	9	12	-	-	-	1	7	4	-	-	-	-	11	1	-	-
LOUISIANA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
NONMETAL	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	1	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-
COAL	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-
MAINE																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-

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

JANUARY - DECEMBER 2013 (FINAL)

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		
MASSACHUSETTS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN																	
METAL	-	-	4	-	-	-	-	1	-	-	-	-	-	1	2	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	2	-	-	-	-	2	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	4	-	-	-	-	2	2	-	-	-	-	3	2	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MINNESOTA																	
METAL	-	-	-	-	-	-	-	4	1	-	-	-	-	5	6	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	1	-	-	-	-	-	3	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	6	2	-	-	-	-	5	9	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSISSIPPI																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
MISSOURI																	
METAL	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	2	1	-	-	-	-	6	2	-	-	-	-	8	2	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	2	2	-	-	-	-	7	2	-	-	-	-	8	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 2013 (FINAL)

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		
MONTANA																	
METAL	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEBRASKA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	1	-	-	-	-	-	-	-	-	-	-	-	3	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	1	-	-	-	-	1	1	-	-	-	-	-	3	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA																	
METAL	-	19	9	-	-	-	-	16	13	-	-	-	-	10	14	-	-
NONMETAL	-	-	-	-	-	-	-	1	1	-	-	-	-	-	2	-	-
STONE	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	19	9	-	-	-	-	18	15	-	-	-	-	10	16	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW HAMPSHIRE																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	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 2013 (FINAL)

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 MEXICO																	
METAL	-	3	-	-	-	-	-	5	3	-	-	-	-	1	1	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	3	-	-	-	-	-	5	3	-	-	-	-	5	3	-	-
COAL	-	1	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
NEW YORK																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	2	2	-	-	-	-	1	3	-	-
STONE	-	-	-	-	-	-	-	3	-	-	-	-	-	1	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	5	2	-	-	-	-	2	3	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DAKOTA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	1	5	-	-	-	-	-	-	-	-
OHIO																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	1	-	-	-	-	1	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	1	2	-	-	-	-	2	1	-	-	-	-	1	-	-	-
COAL	-	6	8	-	-	-	-	3	1	-	-	-	-	-	-	-	-

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

JANUARY - DECEMBER 2013 (FINAL)

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		
OKLAHOMA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	1	1	-	-	-	-	1	1	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OREGON																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	2	-	-	-	-	-	-	1	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENNSYLVANIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	1	1	-	-	-	-	3	-	-	-	-	-	3	1	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	1	1	-	-	-	-	3	-	-	-	-	-	3	1	-	-
BITUMINOUS COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARTHACITE COAL	-	32	9	-	-	-	-	4	2	-	-	-	1	7	1	-	-
COAL	-	32	9	-	-	-	-	4	2	-	-	-	1	7	1	-	-
PUERTO RICO																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RHODE ISLAND																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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 2013 (FINAL)

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		
SOUTH CAROLINA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	4	2	-	-	-	-	2	2	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	4	2	-	-	-	-	2	2	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA																	
METAL	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENNESSEE																	
METAL	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	3	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXAS																	
METAL	-	1	-	-	-	-	-	-	-	-	-	-	-	6	6	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	4	4	-	-	-	-	15	5	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	1	-	-	-	-	-	9	4	-	-	-	-	21	11	-	-
COAL	-	-	-	-	-	-	-	8	2	-	-	-	-	-	-	-	-
UTAH																	
METAL	-	1	1	-	-	-	-	6	4	-	-	-	-	-	1	-	-
NONMETAL	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	1	1	-	-	-	-	7	5	-	-	-	-	-	1	-	-
COAL	-	1	-	-	-	-	-	-	1	-	-	-	-	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 2013 (FINAL)

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		
VERMONT																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGIN ISLANDS OF THE U S																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGINIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	5	2	-	-	-	-	2	2	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	5	3	-	-	-	-	2	2	-	-
COAL	-	4	-	-	-	-	-	1	2	-	-	-	-	2	3	-	-
WASHINGTON																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST VIRGINIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	1	-	-	-	-	1	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	1	1	-	-	-	-	1	-	-	-
COAL	-	44	22	-	-	-	-	32	12	-	-	-	-	26	11	-	-

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

JANUARY - DECEMBER 2013 (FINAL)

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		
WISCONSIN																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	3	2	-	-	-	-	1	2	-	-	-	-	2	-	-	-
STONE	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	3	2	-	-	-	-	2	2	-	-	-	-	2	-	-	-
COAL	-	2	1	-	-	-	-	7	11	-	-	-	-	2	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 2013 (FINAL)

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		
NATION																	
METAL	-	32	27	-	-	-	-	64	58	-	-	-	1	66	55	-	-
NONMETAL	-	5	4	-	-	-	-	15	14	-	-	-	-	17	13	-	-
STONE	-	6	4	-	-	-	1	59	28	-	-	-	-	64	31	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	17	5	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	43	35	8,729	8,344,135	-	1	155	105	47,603	46,968,458	-	1	147	99	20,450	25,228,062
COAL	-	140	63	13,877	15,361,025	-	1	73	50	16,704	17,993,091	352,216	1	58	18	7,589	9,429,205

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

JANUARY - DECEMBER 2013 (FINAL)

COAL										METAL								
Accident Classification	UNDERGROUND			SURFACE			PREPARATION PLANTS			UNDERGROUND			SURFACE			PREPARATION PLANTS		
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
Electrical	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-
Entrapment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exploding vessels under pressure	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Explosives and breaking agents	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Falling, rolling, or sliding material	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Fall of face, rib, pillar, side or highwall	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-
Fall of roof or back	-	9	4	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
Fire	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Handling material	-	41	19	-	25	16	-	17	10	-	12	8	-	26	20	-	27	25
Handtools	-	11	15	-	9	8	-	7	3	-	-	7	-	6	7	-	4	14
Nonpowered haulage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<u>Powered haulage</u>	-	19	2	-	5	2	-	7	1	-	5	-	-	4	4	-	1	-
HAULAGE TRUCKS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FRONT-END LOADERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER Powered haulage	-	19	2	-	5	2	-	7	1	-	5	-	-	4	4	-	1	-
Hoisting	-	3	-	-	-	-	-	-	-	-	15	-	-	-	-	-	1	-
Ignition or explosion of gas or dust	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Impoundment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inundation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<u>Machinery</u>	-	11	10	1	12	14	1	7	2	-	4	3	-	6	18	-	7	9
DOZER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER Machinery	-	11	10	1	12	14	1	7	2	-	4	3	-	6	18	-	7	9
Slip or fall of person	-	40	9	-	17	7	-	20	2	-	7	5	-	21	4	-	17	3
Stepping or kneeling on object	-	3	1	-	4	-	-	-	-	-	-	-	-	2	1	-	4	-
Striking or bumping	-	-	2	-	-	-	-	-	-	-	-	1	-	-	1	-	1	1
Other	-	4	-	-	4	2	-	-	-	-	-	2	-	3	3	-	4	2
Total	-	146	63	1	76	50	1	58	18	-	48	27	-	69	58	1	69	54

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

JANUARY - DECEMBER 2013 (FINAL)

Accident Classification	NONMETAL									STONE									SAND / GRAVEL		
	UNDERGROUND			SURFACE			MILLS			UNDERGROUND			SURFACE			MILLS			SURFACE		
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
Electrical	-	-	-	-	-	-	-	1	-	-	-	-	1	2	-	-	1	-	-	-	-
Entrapment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exploding vessels under pressure	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	1	-	-	-	-	-
Explosives and breaking agents	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Falling, rolling, or sliding material	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Fall of face, rib, pillar, side or highwall	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Fall of roof or back	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fire	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	1	-
Handling material	-	1	1	-	4	6	-	5	2	-	4	-	-	22	7	-	25	15	-	5	-
Handtools	-	-	2	-	2	2	-	-	1	-	-	1	-	6	8	-	7	3	-	-	3
Nonpowered haulage	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-
<u>Powered haulage</u>	-	-	-	-	2	-	-	2	-	-	-	-	-	5	-	-	2	-	-	2	-
HAULAGE TRUCKS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FRONT-END LOADERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER Powered haulage	-	-	-	-	2	-	-	2	-	-	-	-	5	-	-	2	-	-	-	2	-
Hoisting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ignition or explosion of gas or dust	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Impoundment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inundation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<u>Machinery</u>	-	-	1	-	1	1	-	1	4	-	1	1	-	10	9	-	8	7	-	1	2
DOZER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER Machinery	-	-	1	-	1	1	-	1	4	-	1	1	-	10	9	-	8	7	-	1	2
Slip or fall of person	-	2	-	-	5	3	-	8	3	-	1	1	-	11	1	-	10	4	-	7	-
Stepping or kneeling on object	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	1	-
Striking or bumping	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	1	2	-	2	2	-	-	-	-	2	1	-	8	2	-	1	-
Total	-	5	4	-	15	14	-	19	13	-	7	4	1	61	28	-	65	31	-	18	5