

# Mine Injury and Worktime, Quarterly

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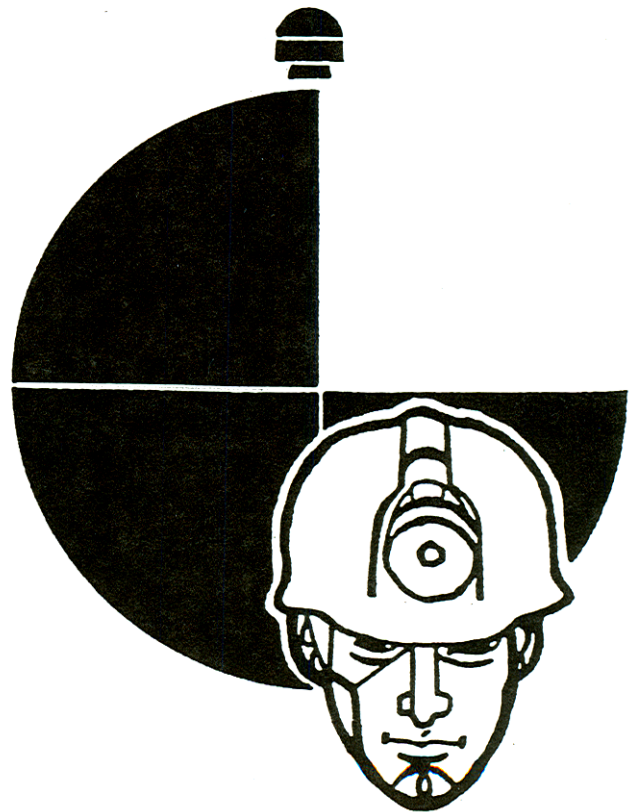


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Program Evaluation and Information Resources  
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This publication has been reviewed and approved for distribution to the mining public by the Office of the Assistant Secretary for Mine Safety and Health.

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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 current-year data presented in this publication are preliminary and subject to change. 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. Compilations are based on reports received at the Office of Injury and Employment Information as of the 25<sup>th</sup> of the month (or first subsequent workday) following the end of the reported quarter. Any injuries reported for mines that do not have employee-hours in file for the same time period and sub-unit are not counted or used in computation of incidence rates.

## 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, 2010, 2011 and 2012 through 4th Quarter

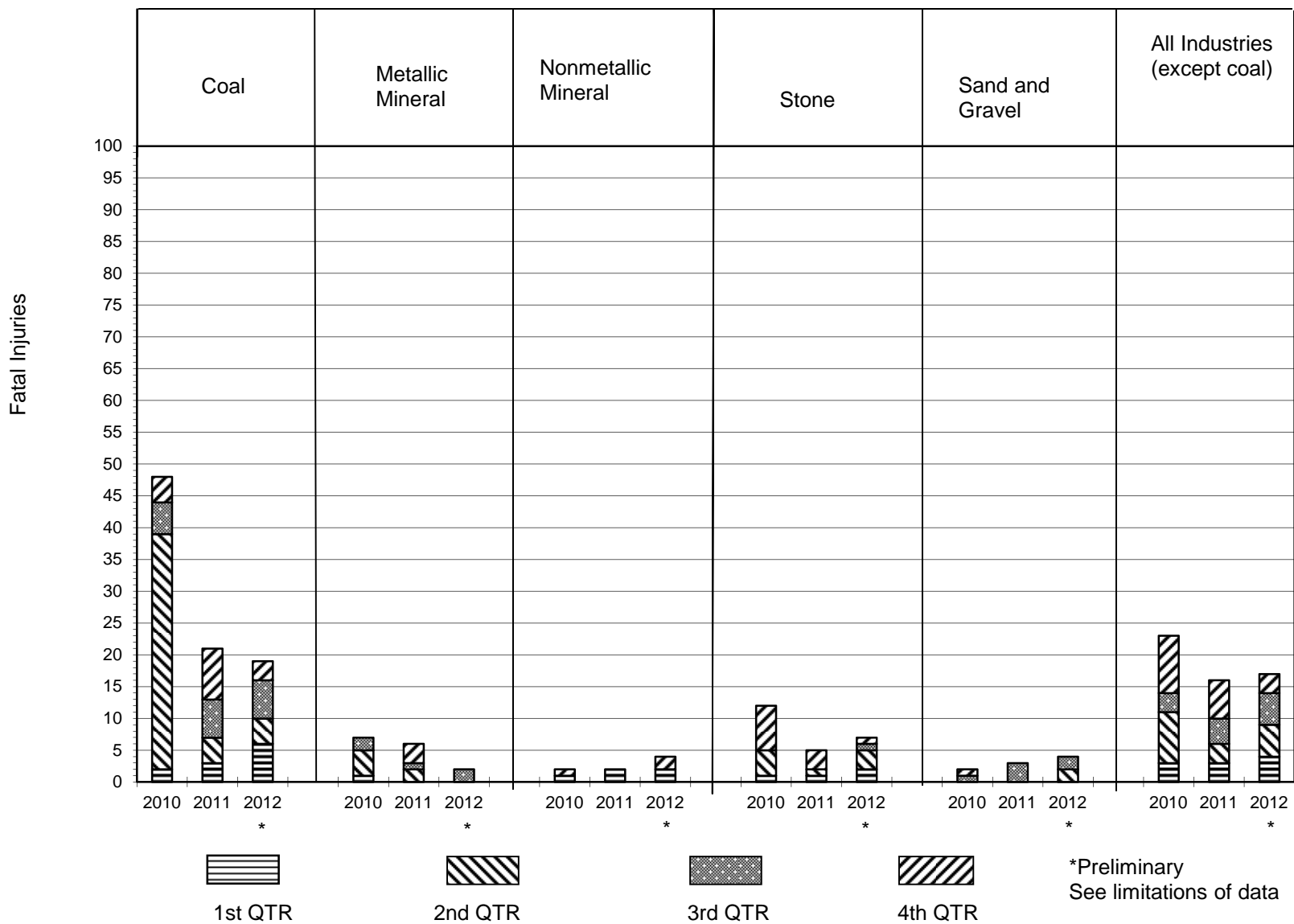


TABLE 1. NUMBER OF OPERATOR INJURIES, INJURY-INCIDENCE RATES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS, AND PRODUCTION BY TYPE OF COAL MINED AND WORK LOCATION

JANUARY - DECEMBER, 2012

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)
<b>BITUMINOUS COAL:</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND-----	12	.02	1,682	3.38	838	1.68	2,532	5.09	45,088	99,571,433	342,809,883
SURFACE-----	1	.03	87	2.95	46	1.56	134	4.54	2,919	5,907,284	-
TOTAL, UNDERGROUND MINES--	13	.02	1,769	3.35	884	1.68	2,666	5.06	48,007	105,478,717	342,809,883
<b>SURFACE MINES:</b>											
STRIP MINES-----	2	.01	325	1.00	128	.40	455	1.40	30,438	64,775,579	667,433,080
AUGER MINES-----	-	-	6	1.85	2	.62	8	2.46	466	649,411	2,555,965
OTHER SURFACE MINES-----	-	-	5	2.22	2	.89	7	3.11	278	449,800	1,333,873
TOTAL, SURFACE MINES-----	2	.01	336	1.02	132	.40	470	1.43	31,182	65,874,790	671,322,918
TOTAL, PRODUCTION MINING--	15	.02	2,105	2.46	1,016	1.19	3,136	3.66	79,189	171,353,507	1,014,132,801
PREPARATION PLANTS-----	1	.01	109	1.24	68	.77	178	2.02	8,068	17,581,509	-
INDEPENDENT SHOPS/YARDS-----	1	.17	6	1.02	6	1.02	13	2.21	486	1,178,966	-
TOTAL, OTHER OPERATIONS---	2	.02	115	1.23	74	.79	191	2.04	8,554	18,760,475	-
TOTAL, BITUMINOUS MINING--	17	.02	2,220	2.34	1,090	1.15	3,327	3.50	87,743	190,113,982	1,014,132,801
<b>PENNSYLVANIA ANTHRACITE COAL:</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND-----	-	-	2	3.52	-	-	2	3.52	68	113,797	116,936
SURFACE-----	-	-	-	-	-	-	-	-	17	30,714	-
TOTAL, UNDERGROUND MINES--	-	-	2	2.77	-	-	2	2.77	85	144,511	116,936
<b>SURFACE MINES:</b>											
STRIP MINES-----	-	-	24	3.99	8	1.33	32	5.33	581	1,201,619	2,209,474
CULM BANK-----	-	-	1	.83	-	-	1	.83	135	241,060	33,363
DREDGE-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, SURFACE MINES-----	-	-	25	3.47	8	1.11	33	4.57	716	1,442,679	2,242,837
TOTAL, PRODUCTION MINING--	-	-	27	3.40	8	1.01	35	4.41	801	1,587,190	2,359,773
PREPARATION PLANTS-----	-	-	18	4.24	10	2.35	28	6.59	412	849,873	-
INDEPENDENT SHOPS/YARDS-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, OTHER OPERATIONS---	-	-	18	4.24	10	2.35	28	6.59	412	849,873	-
TOTAL, ANTHRACITE MINING--	-	-	45	3.69	18	1.48	63	5.17	1,213	2,437,063	2,359,773
<b>ALL COAL:</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND-----	12	.02	1,684	3.38	838	1.68	2,534	5.08	45,156	99,685,230	342,926,819
SURFACE-----	1	.03	87	2.93	46	1.55	134	4.51	2,936	5,937,998	-
TOTAL, UNDERGROUND MINES--	13	.02	1,771	3.35	884	1.67	2,668	5.05	48,092	105,623,228	342,926,819
<b>SURFACE MINES:</b>											
STRIP MINES-----	2	.01	349	1.06	136	.41	487	1.48	31,019	65,977,198	669,642,554
AUGER MINES-----	-	-	6	1.85	2	.62	8	2.46	466	649,411	2,555,965
CULM BANK-----	-	-	6	1.80	2	.60	8	2.40	394	666,007	1,192,630
DREDGE-----	-	-	-	-	-	-	-	-	19	24,853	174,606
TOTAL, SURFACE MINES-----	2	.01	361	1.07	140	.42	503	1.49	31,898	67,317,469	673,565,755
TOTAL, PRODUCTION MINING--	15	.02	2,132	2.47	1,024	1.18	3,171	3.67	79,990	172,940,697	1,016,492,574
PREPARATION PLANTS-----	1	.01	127	1.38	78	.85	206	2.24	8,480	18,431,382	-
INDEPENDENT SHOPS/YARDS-----	1	.17	6	1.02	6	1.02	13	2.21	486	1,178,966	-
TOTAL, OTHER OPERATIONS---	2	.02	133	1.36	84	.86	219	2.23	8,966	19,610,348	-
TOTAL, ALL COAL-----	17	.02	2,265	2.35	1,108	1.15	3,390	3.52	88,956	192,551,045	1,016,492,574
<b>OFFICEWORKERS:</b>											
<b>BITUMINOUS:</b>											
BITUMINOUS-----	-	-	1	.03	-	-	1	.03	3,474	6,504,890	-
<b>ANTHRACITE:</b>											
ANTHRACITE-----	-	-	1	.95	-	-	1	.95	122	209,902	-
TOTAL, OFFICEWORKERS-----	-	-	2	.06	-	-	2	.06	3,596	6,714,792	-
GRAND TOTAL-----	17	.02	2,267	2.28	1,108	1.11	3,392	3.40	92,552	199,265,837	1,016,492,574

TABLE 2. NUMBER OF OPERATOR INJURIES, INJURY-INCIDENCE RATES, AVERAGE NUMBER OF EMPLOYEES, AND EMPLOYEE HOURS BY WORK LOCATION AND MINERAL INDUSTRY

JANUARY - DECEMBER, 2012

WORK LOCATION AND MINERAL INDUSTRY	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE		NDL INCIDENCE RATE	ALL OCCURENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
<b>UNDERGROUND MINES:</b>										
METAL-----	1	.01	221	2.70	113	1.38	335	4.10	8,052	16,341,725
NONMETAL-----	1	.03	92	3.01	42	1.37	135	4.41	3,081	6,120,318
STONE-----	2	.08	56	2.33	21	.87	79	3.28	2,334	4,813,081
TOTAL, UNDERGROUND MINES---	4	.03	369	2.71	176	1.29	549	4.03	13,467	27,275,124
<b>SURFACE MINES:</b>										
METAL-----	-	-	177	1.04	105	.62	282	1.65	16,163	34,129,984
NONMETAL-----	1	.02	65	1.59	26	.64	92	2.25	4,222	8,169,324
STONE-----	2	.01	495	2.00	231	.93	728	2.95	27,156	49,438,418
SUBTOTAL, SURFACE MINES---	3	.01	737	1.61	362	.79	1,102	2.40	47,541	91,737,726
SAND AND GRAVEL-----	4	.02	382	1.56	197	.81	583	2.38	30,515	48,917,950
TOTAL, SURFACE MINES-----	7	.01	1,119	1.59	559	.79	1,685	2.40	78,056	140,655,676
TOTAL, MINES-----	11	.01	1,488	1.77	735	.88	2,234	2.66	91,523	167,930,800
<b>MILLS:</b>										
METAL-----	-	-	276	1.82	114	.75	390	2.57	14,421	30,403,838
NONMETAL-----	-	-	149	1.33	79	.70	228	2.03	10,844	22,443,899
STONE-----	2	.01	570	2.13	259	.97	831	3.11	26,236	53,434,494
TOTAL, MILLS-----	2	(*)	995	1.87	452	.85	1,449	2.73	51,501	106,282,231
<b>INDEPENDENT SHOPS AND YARDS:</b>										
METAL-----	-	-	3	.99	2	.66	5	1.66	288	603,180
NONMETAL-----	-	-	-	-	-	-	-	-	-	-
STONE-----	-	-	7	4.61	1	.66	8	5.27	179	303,643
TOTAL, SHOPS AND YARDS---	-	-	10	2.21	3	.66	13	2.87	467	906,823
<b>ALL MINES, MILLS AND SHOPS:</b>										
METAL-----	1	(*)	677	1.66	334	.82	1,012	2.48	38,924	81,478,727
NONMETAL-----	2	.01	306	1.67	147	.80	455	2.48	18,147	36,733,541
STONE-----	6	.01	1,128	2.09	512	.95	1,646	3.05	55,905	107,989,636
SUBTOTAL-----	9	.01	2,111	1.87	993	.88	3,113	2.75	112,976	226,201,904
SAND AND GRAVEL-----	4	.02	382	1.56	197	.81	583	2.38	30,515	48,917,950
TOTAL, MINES/MILLS/SHOPS---	13	.01	2,493	1.81	1,190	.87	3,696	2.69	143,491	275,119,854
<b>OFFICEWORKERS:</b>										
METAL-----	-	-	5	.09	1	.02	6	.11	5,505	10,645,448
NONMETAL-----	-	-	1	.03	1	.03	2	.06	3,448	6,413,656
STONE-----	-	-	6	.06	3	.03	9	.10	10,250	18,518,000
SAND AND GRAVEL-----	-	-	1	.03	2	.05	3	.08	6,480	7,369,483
TOTAL, OFFICEWORKERS-----	-	-	13	.06	7	.03	20	.09	25,683	42,946,587
<b>SUMMARY TOTAL (INCLUDES OFFICEWORKERS):</b>										
METAL-----	1	(*)	682	1.48	335	.73	1,018	2.21	44,429	92,124,175
NONMETAL-----	2	.01	307	1.42	148	.69	457	2.12	21,595	43,147,197
STONE-----	6	.01	1,134	1.79	515	.81	1,655	2.62	66,155	126,507,636
SUBTOTAL-----	9	.01	2,123	1.62	998	.76	3,130	2.39	132,179	261,779,008
SAND AND GRAVEL-----	4	.01	383	1.36	199	.71	586	2.08	36,995	56,287,433
GRAND TOTAL-----	13	.01	2,506	1.58	1,197	.75	3,716	2.34	169,174	318,066,441









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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
KANSAS																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	3	3	118	200,354	-	-	-	34	44,169	-	-	1	1	96	175,774	
STONE-----	-	-	-	10	14,171	-	3	4	565	995,831	-	-	8	5	315	610,281	
SAND AND GRAVEL--	-	-	-	-	-	-	2	4	341	464,047	-	-	-	-	-	-	
TOTAL-----	-	3	3	128	214,525	-	5	8	940	1,504,047	-	-	9	6	411	786,055	
COAL-----	-	-	-	-	-	-	1	-	6	15,960	15,864	-	-	-	-	-	
KENTUCKY																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	4	9,343	-	-	-	34	53,179	-	-	-	-	38	60,332	
STONE-----	1	16	5	481	911,173	-	10	5	615	1,167,053	-	-	17	11	995	1,877,154	
SAND AND GRAVEL--	-	-	-	-	-	-	4	1	127	256,999	-	-	-	-	-	-	
TOTAL-----	1	16	5	485	920,516	-	14	6	776	1,477,231	-	-	17	11	1,033	1,937,486	
COAL-----	2	341	209	9,803	21,286,307	58,240,581	1	83	22	4,559	9,452,475	32,471,681	-	32	20	1,921	4,010,286
LOUISIANA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	12	7	542	1,281,192
NONMETAL-----	-	11	4	373	694,412	-	-	-	5	2,384	-	-	2	3	239	507,908	
STONE-----	-	-	-	-	-	-	-	-	15	19,176	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	4	3	561	1,096,246	-	-	-	-	-	-	
TOTAL-----	-	11	4	373	694,412	-	4	3	581	1,117,806	-	-	14	10	781	1,789,100	
COAL-----	-	-	-	-	-	-	-	-	263	566,655	3,979,329	-	-	-	-	-	
MAINE																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	2	4,065	-	-	-	2	64	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	2	1	171	233,379	-	-	-	-	78	164,621	
SAND AND GRAVEL--	-	-	-	-	-	-	4	2	428	527,813	-	-	-	-	-	-	
TOTAL-----	-	-	-	2	4,065	-	6	3	601	761,256	-	-	-	-	78	164,621	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MARYLAND																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	2	32	-	-	-	-	-	-	
STONE-----	-	-	-	6	10,831	-	1	2	238	461,840	-	-	-	-	411	992,194	
SAND AND GRAVEL--	-	-	-	-	-	-	-	4	233	446,058	-	-	-	-	-	-	
TOTAL-----	-	-	-	6	10,831	-	1	6	473	907,930	-	-	-	-	411	992,194	
COAL-----	-	12	2	194	303,953	706,700	-	1	2	250	517,709	1,350,324	-	-	1	48	113,102

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
MASSACHUSETTS																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	6	6	16	32,148	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	-	-	339	588,582	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	1	339	426,964	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	6	7	694	1,047,694	-	-	-	-	-	-	
COAL-----																	
MICHIGAN																	
METAL-----	-	-	-	14	25,341	-	7	5	685	1,461,541	-	-	-	718	1,645,100		
NONMETAL-----	-	-	1	38	108,513	-	-	1	21	34,697	-	-	-	1	2,011		
STONE-----	-	-	-	-	-	-	11	9	270	508,975	-	-	-	6	1,185,128		
SAND AND GRAVEL--	-	-	-	-	-	-	7	3	1,129	1,474,637	-	-	-	-	-		
TOTAL-----	-	-	1	52	133,854	-	25	18	2,105	3,479,850	-	-	-	24	2,832,239		
COAL-----																	
MINNESOTA																	
METAL-----	-	-	-	-	-	-	21	11	2,207	4,387,457	-	-	-	24	4,110,331		
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	6	9	372	593,730	-	-	-	7	349,273		
SAND AND GRAVEL--	-	-	-	-	-	1	7	13	1,399	1,682,356	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	1	34	33	3,978	6,663,543	-	-	-	31	4,459,604		
COAL-----																	
MISSISSIPPI																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	10	19,182	-	-	-	3	589,385		
STONE-----	-	-	-	-	-	-	-	-	9	14,621	-	-	-	-	7,032		
SAND AND GRAVEL--	-	-	-	-	-	-	8	8	475	904,857	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	8	8	494	938,660	-	-	-	3	596,417		
COAL-----																	
MISSOURI																	
METAL-----	-	3	3	624	1,359,995	-	-	-	-	-	-	-	-	2	105	233,493	
NONMETAL-----	-	-	-	-	-	-	-	-	64	114,460	-	-	-	1	267	544,054	
STONE-----	-	8	-	293	632,680	-	23	8	1,222	2,148,953	-	-	-	46	1,984	3,841,583	
SAND AND GRAVEL--	-	-	-	-	-	-	9	4	408	689,094	-	-	-	-	-	-	
TOTAL-----	-	11	3	917	1,992,675	-	32	12	1,694	2,952,507	-	-	-	47	2,356	4,619,130	
COAL-----																	
	-	-	-	-	-	-	-	-	32	62,602	421,587	-	-	-	-	-	

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
MONTANA																	
METAL-----	-	43	19	1,524	2,872,950	-	-	-	309	598,613	-	-	-	477	906,696		
NONMETAL-----	1	-	-	1	80	-	-	-	72	88,187	-	-	-	147	297,790		
STONE-----	-	-	-	-	-	-	8	8	187	243,636	-	-	-	151	294,593		
SAND AND GRAVEL--	-	-	-	-	-	-	4	2	617	573,873	-	-	-	-	-		
TOTAL-----	1	43	19	1,525	2,873,030	-	12	10	1,185	1,504,309	-	-	-	775	1,499,079		
COAL-----	-	2	4	236	567,642	5,707,633	-	7	2	816	1,600,782	30,986,349	-	1	1	107	242,089
NEBRASKA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL-----	-	-	-	-	-	-	-	-	4	2,367	-	-	-	-	-	-	-
STONE-----	1	1	2	110	286,977	-	-	-	101	199,322	-	-	-	174	369,780		
SAND AND GRAVEL--	-	-	-	-	-	-	10	4	598	983,530	-	-	-	-	-		
TOTAL-----	1	1	2	110	286,977	-	11	4	703	1,185,219	-	-	-	174	369,780		
COAL-----																	
NEVADA																	
METAL-----	1	49	28	2,496	5,204,161	-	42	35	4,894	10,472,659	-	-	-	2,703	5,396,655		
NONMETAL-----	-	-	-	-	-	-	2	2	188	338,518	-	-	-	506	1,008,942		
STONE-----	-	-	-	-	-	-	3	2	138	249,946	-	-	-	201	445,488		
SAND AND GRAVEL--	-	-	-	-	-	-	5	2	540	763,784	-	-	-	-	-		
TOTAL-----	1	49	28	2,496	5,204,161	-	52	41	5,760	11,824,907	-	-	-	3,410	6,851,085		
COAL-----																	
NEW HAMPSHIRE																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE-----	-	-	-	-	-	-	-	1	178	305,348	-	-	-	25	42,370		
SAND AND GRAVEL--	-	-	-	-	-	-	-	1	345	429,610	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	-	1	523	734,958	-	-	-	25	42,370		
COAL-----																	
NEW JERSEY																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE-----	-	-	-	-	-	-	11	1	271	608,649	-	-	-	40	71,901		
SAND AND GRAVEL--	-	-	-	-	-	-	12	4	413	806,368	-	-	-	167	334,002		
TOTAL-----	-	-	-	-	-	-	23	5	684	1,415,017	-	-	-	207	405,903		
COAL-----																	

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
NEW MEXICO																	
METAL-----	-	9	6	208	427,968	-	17	1	869	1,890,499	-	-	-	417	717,865		
NONMETAL-----	-	12	11	754	1,545,989	-	2	1	104	177,019	-	3	7	621	1,240,084		
STONE-----	-	-	-	-	-	-	3	1	292	491,523	-	-	-	75	147,763		
SAND AND GRAVEL--	-	-	-	-	-	-	5	1	478	648,482	-	-	-	-	-		
TOTAL-----	-	21	17	962	1,973,957	-	27	4	1,743	3,207,523	-	12	7	1,113	2,105,712		
COAL-----	-	14	3	375	828,138	4,960,375	-	8	4	795	1,633,297	17,491,900	-	-	-	81	171,584
NEW YORK																	
METAL-----	-	-	-	6	8,692	-	1	-	22	50,711	-	2	-	46	104,204		
NONMETAL-----	-	8	2	343	620,950	-	4	1	34	59,659	-	8	3	154	313,555		
STONE-----	-	2	1	23	42,996	-	30	9	809	1,413,278	1	11	7	690	1,406,302		
SAND AND GRAVEL--	-	-	-	-	-	-	8	7	1,274	1,801,664	-	-	-	-	-		
TOTAL-----	-	10	3	372	672,638	-	43	17	2,139	3,325,312	1	21	10	890	1,824,061		
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA																	
METAL-----	-	-	-	-	-	-	-	-	1	1,935	-	1	-	7	11,647		
NONMETAL-----	-	-	-	-	-	-	1	1	296	601,002	-	6	5	474	938,678		
STONE-----	-	-	-	-	-	-	11	8	905	1,626,466	-	4	4	720	1,393,149		
SAND AND GRAVEL--	-	-	-	-	-	-	1	4	606	986,155	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	1	16	10	1,808	3,215,558	-	11	9	1,201	2,343,474	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DAKOTA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL-----	-	-	-	-	-	-	-	-	1	344	-	1	-	27	52,561		
STONE-----	-	-	-	-	-	-	-	-	21	26,671	-	-	-	-	-		
SAND AND GRAVEL--	-	-	-	-	-	-	-	11	940	1,265,815	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	-	11	6	962	1,292,830	-	1	-	27	52,561	
COAL-----	-	-	-	-	-	-	-	5	3	1,215	2,354,271	27,528,666	-	-	-	8	13,940
OHIO																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL-----	-	3	1	260	484,370	-	-	-	62	79,171	-	-	-	48	88,311		
STONE-----	-	3	2	98	225,126	-	-	-	627	1,185,004	-	19	7	1,025	2,107,526		
SAND AND GRAVEL--	-	-	-	-	-	-	-	6	933	1,765,559	-	-	-	-	-		
TOTAL-----	-	6	3	358	709,496	-	-	9	12	1,622	3,029,734	-	19	7	1,073	2,195,837	
COAL-----	-	102	48	1,724	3,958,658	19,205,902	1	12	4	1,067	2,306,824	8,626,243	-	6	1	353	809,282

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
OKLAHOMA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	185	408,689	-	16	37,692	-	-	
STONE-----	-	-	-	23	52,114	-	1,183	2,307,683	-	712,315	-	677	1,452,168	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	1	8	4	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	23	52,114	-	1,729	3,428,687	-	-	-	693	1,489,860	-	-	-	
COAL-----	-	7	-	66	169,429	349,489	-	4	1	142	323,653	704,484	-	-	-	2	2,918
OREGON																	
METAL-----	-	-	-	1	48	-	31	27,367	-	3	-	64	130,301	-	-	-	
NONMETAL-----	-	-	-	-	-	-	41	57,169	-	1	1	87	159,342	-	-	-	
STONE-----	-	-	-	-	-	-	668	934,513	-	12	6	90	151,265	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	415	579,930	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	1	48	-	1,155	1,598,979	-	7	3	241	440,908	-	-	-	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PENNSYLVANIA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	5	8,821	-	-	-	
NONMETAL-----	-	-	-	-	-	-	14	15,172	-	2	1	67	125,025	-	-	-	
STONE-----	-	6	3	289	643,840	-	2,394	4,190,182	-	57	21	2,022	4,130,070	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	529	919,565	-	9	7	-	-	-	-	-	
TOTAL-----	-	6	3	289	643,840	-	2,937	5,124,919	-	67	28	2,094	4,263,916	-	-	-	
COAL--ANTHRACITE--	-	2	-	85	144,511	116,936	-	25	8	716	1,442,679	2,242,837	-	18	10	412	849,873
BITUMINOUS--	-	206	73	4,995	11,535,836	41,690,358	-	26	11	1,678	3,213,588	8,619,421	-	12	6	669	1,429,845
PUERTO RICO																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	476	741,463	-	13	-	525	693,371	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	172	269,425	-	5	1	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	648	1,010,888	-	18	1	525	693,371	-	-	-	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RHODE ISLAND																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	43	64,707	-	1	-	14	14,232	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	117	199,447	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	160	264,154	-	1	-	14	14,232	-	-	-	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
SOUTH CAROLINA																	
METAL-----	-	-	-	-	-	-	1	1	97	191,879	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	37	53,515	-	3	2	127	262,819		
STONE-----	-	-	-	-	-	-	5	5	236	479,341	-	4	7	476	989,644		
SAND AND GRAVEL--	-	-	-	-	-	-	1	2	245	445,228	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	7	8	615	1,169,963	-	7	9	603	1,252,463	-	
COAL-----																	
SOUTH DAKOTA																	
METAL-----	-	-	-	-	-	-	2	-	121	229,298	-	-	-	32	64,087	-	
NONMETAL-----	-	-	-	-	-	-	-	-	7	5,576	-	1	-	66	92,007	-	
STONE-----	-	-	-	-	-	-	11	4	216	425,284	-	2	2	149	339,906	-	
SAND AND GRAVEL--	-	-	-	-	-	-	8	6	439	633,855	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	21	10	783	1,294,013	-	3	2	247	496,000	-	
COAL-----																	
TENNESSEE																	
METAL-----	-	27	16	704	1,529,172	-	-	-	20	39,575	-	1	2	96	190,584	-	
NONMETAL-----	-	-	-	-	-	-	1	1	67	125,914	-	6	2	192	381,572	-	
STONE-----	-	2	-	137	227,187	-	9	2	877	1,421,746	-	9	6	842	1,566,833	-	
SAND AND GRAVEL--	-	-	-	-	-	-	4	-	259	495,052	-	-	-	-	-	-	
TOTAL-----	-	29	16	841	1,756,359	-	14	3	1,223	2,082,287	-	16	10	1,130	2,138,989	-	
COAL-----	1	9	8	151	296,449	553,318	-	5	194	338,047	728,896	-	-	38	79,016	-	
TEXAS																	
METAL-----	-	15	1	67	120,768	-	-	-	-	-	-	-	79	6	1,010	2,410,794	
NONMETAL-----	-	5	-	46	108,547	-	5	2	270	504,025	-	18	5	789	1,691,727	-	
STONE-----	-	-	-	12	23,431	-	50	16	3,205	6,540,162	-	60	22	2,251	5,106,384	-	
SAND AND GRAVEL--	-	-	-	-	-	-	37	17	2,479	5,782,679	-	-	-	-	-	-	
TOTAL-----	-	20	1	125	252,746	-	92	35	5,954	12,826,866	-	157	33	4,050	9,208,905	-	
COAL-----	-	-	-	-	-	-	14	10	2,801	6,118,436	44,178,225	-	-	6	12,960	-	
UTAH																	
METAL-----	-	-	1	130	223,572	-	3	5	1,179	2,573,834	-	6	4	701	1,274,465	-	
NONMETAL-----	-	16	6	159	328,170	-	1	1	114	202,327	-	2	-	225	436,596	-	
STONE-----	-	-	-	-	-	-	1	-	207	319,304	-	-	2	201	358,009	-	
SAND AND GRAVEL--	-	-	-	-	-	-	9	8	1,011	1,466,526	-	3	-	-	-	-	
TOTAL-----	-	16	7	289	551,742	-	14	14	2,511	4,561,991	-	11	6	1,127	2,069,070	-	
COAL-----	-	34	22	1,404	2,924,844	16,276,581	-	-	8	16,637	-	-	-	98	174,088	-	

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
VERMONT																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	3	6,092	-	-	-	15	27,562	-	
STONE-----	-	-	-	26	62,198	-	6	6	362	559,787	-	-	-	311	564,465	-	
SAND AND GRAVEL--	-	-	-	-	-	-	4	-	235	234,462	-	-	-	-	-	-	
TOTAL-----	-	-	-	26	62,198	-	10	6	600	800,341	-	-	-	326	592,027	-	
COAL-----																	
VIRGIN ISLANDS																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	2	-	39	83,668	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	2	-	39	83,668	-	-	-	-	-	-	
COAL-----																	
VIRGINIA																	
METAL-----	-	-	-	-	-	-	1	1	25	60,976	-	-	-	88	215,218	-	
NONMETAL-----	-	1	-	3	900	-	-	1	48	83,549	-	-	298	655,069	-		
STONE-----	-	2	-	44	73,611	-	14	5	669	1,380,683	-	-	1,125	2,422,279	-		
SAND AND GRAVEL--	-	-	-	-	-	-	3	1	212	364,035	-	-	-	-	-	-	
TOTAL-----	-	3	-	47	74,511	-	18	8	954	1,889,243	-	-	1,511	3,292,566	-		
COAL-----	1	86	52	3,374	7,176,453	12,328,305	-	16	5	1,205	2,570,977	6,565,777	-	6	5	553	1,237,757
WASHINGTON																	
METAL-----	-	6	-	186	370,887	-	-	-	-	-	-	-	49	105,744	-		
NONMETAL-----	-	-	-	-	-	-	2	1	26	57,026	-	-	60	128,447	-		
STONE-----	-	-	-	-	-	-	5	4	389	560,103	-	-	255	441,715	-		
SAND AND GRAVEL--	-	-	-	-	-	-	18	4	855	1,304,391	-	-	-	-	-		
TOTAL-----	-	6	-	186	370,887	-	25	9	1,270	1,921,520	-	-	364	675,906	-		
COAL-----	-	-	-	-	-	-	-	-	42	79,775	-	-	-	-	-		
WEST VIRGINIA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	14	28,147	-		
NONMETAL-----	-	-	-	-	-	-	-	-	2	48	-	-	27	62,894	-		
STONE-----	-	2	-	73	195,964	-	2	-	172	336,452	-	-	389	806,502	-		
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	14	23,347	-	-	-	-	-		
TOTAL-----	-	2	-	73	195,964	-	2	-	188	359,847	-	-	430	897,543	-		
COAL-----	6	572	225	15,665	33,663,543	83,438,443	-	74	19	5,222	12,003,058	39,983,527	1	35	25	2,421	5,405,191

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
WISCONSIN																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	1	24	60,921	-	2	-	25	53,325	-	2	1	125	274,960	-	
STONE-----	-	2	-	19	50,118	-	14	6	789	1,349,384	-	26	12	551	1,062,305	-	
SAND AND GRAVEL--	-	-	-	-	-	-	20	15	1,526	2,217,673	-	-	-	-	-	-	
TOTAL-----	-	2	1	43	111,039	-	36	21	2,340	3,620,382	-	28	13	676	1,337,265	-	
COAL-----																	
WYOMING																	
METAL-----	-	-	-	-	-	-	-	-	1	669	-	-	-	-	-	-	
NONMETAL-----	-	17	10	795	1,616,370	-	11	3	240	510,856	-	24	12	1,776	3,811,684	-	
STONE-----	-	-	-	-	-	-	2	1	143	231,117	-	3	2	124	272,663	-	
SAND AND GRAVEL--	-	-	-	-	-	-	7	5	471	595,554	-	-	-	-	-	-	
TOTAL-----	-	17	10	795	1,616,370	-	20	9	855	1,338,196	-	27	14	1,900	4,084,347	-	
COAL-----	-	9	5	251	593,995	4,636,557	-	36	24	6,551	13,503,717	396,805,054	-	-	-	109	219,481
NATION																	
METAL-----	1	221	113	8,052	16,341,725		-	180	107	16,451	34,733,164		-	276	114	14,421	30,403,838
NONMETAL-----	1	92	42	3,081	6,120,318		1	65	26	4,222	8,169,324		-	149	79	10,844	22,443,899
STONE-----	2	56	21	2,334	4,813,081		2	502	232	27,335	49,742,061		2	570	259	26,236	53,434,494
SAND AND GRAVEL--							4	382	197	30,515	48,917,950						
TOTAL-----	4	369	176	13,467	27,275,124		7	1,129	562	78,523	141,562,499		2	995	452	51,501	106,282,231
COAL-----	13	1,771	884	48,092	105,623,228	342,926,819	3	367	146	32,384	68,496,435	673,565,755	1	127	78	8,480	18,431,382

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

JANUARY - DECEMBER, 2012

ACCI DENT CLASSI FI CATON	COAL									METAL								
	UNDERGROUND			SURFACE			PREPARATI ON PLANTS			UNDERGROUND			SURFACE			MI LLS		
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
ELECTRI CAL-----	1	6	3	-	3	-	-	1	1	-	-	4	-	1	-	-	2	-
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODI NG VESSELS UNDER PRESSURE-----	1	3	2	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-
EXPLOSI VES AND BREAKI NG AGENTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALLI NG, ROLLI NG, OR SLI DI NG MATERI AL-----	-	9	4	-	-	-	-	1	1	-	-	-	-	-	-	1	1	
FALL OF FACE, RI B, SI DE OR HI GHWALL-----	2	56	10	-	1	-	-	-	-	-	4	1	-	-	-	-	-	
FALL OF ROOF (UNDER- GROUND MI NES ONLY)-----	2	180	106	-	-	-	-	-	-	-	10	7	-	-	-	-	-	
FI RE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	
HANDLI NG MATERI AL-----	1	633	329	-	101	61	-	36	30	-	71	44	-	61	43	-	116	54
HAND TOOLS-----	-	118	212	-	18	34	-	10	19	-	12	19	-	4	20	-	25	20
NONPOWERED HAULAGE-----	-	3	-	-	1	-	-	-	-	-	-	-	-	1	-	-	1	1
POWERED HAULAGE-----	3	173	45	2	53	8	-	11	1	-	23	8	-	28	2	-	8	4
HAULAGE TRUCKS-----	-	1	1	1	37	5	-	5	1	-	9	2	-	24	1	-	1	-
FRONT-END LOADERS-----	-	2	-	1	7	3	-	3	-	-	-	-	-	2	-	-	3	-
ALL OTHER POWERED HAULAGE-----	3	170	44	-	9	-	-	3	-	-	14	6	-	2	1	-	4	4
HOI STI NG-----	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
IGNI TI ON OR EXPLOSI ON OF GAS OR DUST-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IMPONDMENT-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INUNDATI ON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHI NERY-----	2	169	92	-	52	17	-	15	12	-	31	19	-	19	16	-	27	9
DOZER-----	-	1	-	-	30	5	-	4	-	-	1	-	-	6	2	-	1	-
DRI LL-----	-	-	-	-	-	-	-	-	-	-	-	2	-	2	3	-	-	-
ALL OTHER MACHI NERY--	2	168	92	-	22	12	-	11	12	-	30	17	-	11	11	-	26	9
SLI PS OR FALLS OF PERSON-----	-	323	51	1	115	16	1	48	9	1	45	7	-	55	14	-	79	14
STEPPI NG OR KNEELI NG ON OBJECT-----	-	73	3	-	10	3	-	3	-	-	12	1	-	5	2	-	10	1
STRI KI NG OR BUMPI NG-----	-	12	23	-	3	2	-	1	1	-	-	2	-	1	1	-	-	1
OTHE R-----	-	12	4	-	9	5	-	1	4	-	10	1	-	4	9	-	7	9
TOTAL-----	13	1,771	884	3	367	146	1	127	78	1	221	113	-	180	107	-	276	114

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

JANUARY - DECEMBER, 2012 - CONTINUED

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	1	-	2	-	-	-	-	-	1	-	-	3	-	-	-	-	-
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
EXPLODING VESSELS UNDER PRESSURE-----	-	1	-	-	-	-	-	1	-	-	-	-	2	-	-	6	-	-	-	4	-	
EXPLOSIVES AND BREAKING AGENTS-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	1	1	2	
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	1	2	-	1	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-	
FALL OF ROOF (UNDER- GROUND MINES ONLY)-----	-	3	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	
FIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
HANDLING MATERIAL-----	-	36	8	-	18	9	-	64	33	-	22	8	-	202	98	251	114	-	133	79		
HAND TOOLS-----	-	4	11	-	2	3	-	11	14	-	8	5	-	64	45	72	59	-	42	40		
NONPOWERED HAULAGE-----	-	1	-	-	1	-	-	-	-	-	1	-	-	4	1	1	1	-	-	-		
POWERED HAULAGE-----	-	7	3	-	6	3	-	12	4	2	5	2	1	35	12	22	5	1	37	13		
HAULAGE TRUCKS-----	-	-	1	-	2	1	-	2	1	1	3	1	-	18	7	5	3	-	8	4		
FRONT-END LOADERS-----	-	3	-	-	-	-	-	3	2	-	-	-	1	14	5	8	1	-	20	5		
ALL OTHER POWERED HAULAGE-----	-	4	2	-	4	2	-	7	1	1	2	1	-	3	-	9	1	1	9	4		
HOISTING-----	-	2	1	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-		
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
IMPONDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
INUNDATION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MACHINERY-----	-	8	5	-	8	3	-	5	3	-	2	3	-	50	36	40	36	2	19	23		
DOZER-----	-	-	-	-	2	-	-	-	-	-	-	-	-	3	1	-	-	1	1	1		
DRI LL-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ALL OTHER MACHINERY-- SLIPS OR FALLS OF PERSON-----	-	8	4	-	6	3	-	5	3	-	2	3	-	47	35	40	36	1	18	22		
STEPPING OR KNEELING ON OBJECT-----	-	26	9	-	23	4	-	44	17	-	14	3	1	106	21	128	25	-	112	30		
STRIKING OR BUMPING-- OTHER-----	-	1	-	-	4	2	-	3	-	-	2	-	-	12	5	22	-	-	17	3		
TOTAL-----	1	92	42	1	65	26	-	149	79	2	56	21	2	502	232	2	570	259	4	382	197	

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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 - DECEMBER, 2012

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)
<b>BITUMINOUS COAL:</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND-----	1		139		46		186				
SURFACE-----	1		56		18		75				
TOTAL, UNDERGROUND MINES--	2		195		64		261				
<b>SURFACE MINES:</b>											
STRIP MINES-----	-		83		60		143				
AUGER MINES-----	-		4		-		4				
OTHER SURFACE MINES-----	-		1		1		2				
TOTAL, SURFACE MINES-----	-		88		61		149				
TOTAL, PRODUCTION MINING--	2		283		125		410				
PREPARATION PLANTS-----	-		48		22		70				
INDEPENDENT SHOPS/YARDS-----	-		-		-		-				
TOTAL, OTHER OPERATIONS---	-		48		22		70				
TOTAL, BITUMINOUS MINING--	2		331		147		480				
<b>PENNSYLVANIA ANTHRACITE COAL:</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND-----	-		-		-		-				
SURFACE-----	-		-		-		-				
TOTAL, UNDERGROUND MINES--	-		-		-		-				
<b>SURFACE MINES:</b>											
STRIP MINES-----	-		1		1		2				
CULM BANK-----	-		-		-		-				
DREDGE-----	-		-		-		-				
TOTAL, SURFACE MINES-----	-		1		1		2				
TOTAL, PRODUCTION MINING--	-		1		1		2				
PREPARATION PLANTS-----	-		-		1		1				
INDEPENDENT SHOPS/YARDS-----	-		-		-		-				
TOTAL, OTHER OPERATIONS---	-		-		1		1				
TOTAL, ANTHRACITE MINING--	-		1		2		3				
<b>ALL COAL:</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND-----	1	.03	139	3.53	46	1.17	186	4.72	6,335	7,878,302	46,634
SURFACE-----	1	.02	56	1.31	18	.42	75	1.75	9,509	8,557,993	-
TOTAL, UNDERGROUND MINES--	2	.02	195	2.37	64	.78	261	3.18	15,844	16,436,295	46,634
<b>SURFACE MINES:</b>											
STRIP MINES-----	-		84	.85	61	.62	145	1.47	17,464	19,787,284	889,371
AUGER MINES-----	-		4	2.62	-	-	4	2.62	551	305,676	-
CULM BANK-----	-		1	.44	1	.44	2	.88	571	453,849	-
DREDGE-----	-		-	-	-	-	-	-	32	15,895	-
TOTAL, SURFACE MINES-----	-		89	.87	62	.60	151	1.47	18,618	20,562,704	889,371
TOTAL, PRODUCTION MINING--	2	.01	284	1.54	126	.68	412	2.23	34,462	36,998,999	936,005
PREPARATION PLANTS-----	-		48	1.02	23	.49	71	1.51	7,515	9,425,941	-
INDEPENDENT SHOPS/YARDS-----	-		-	-	-	-	-	-	247	393,710	-
TOTAL, OTHER OPERATIONS---	-		48	.98	23	.47	71	1.45	7,762	9,819,651	-
TOTAL, ALL COAL-----	2	.01	332	1.42	149	.64	483	2.06	42,224	46,818,650	936,005
<b>OFFICEWORKERS:</b>											
BITUMINOUS-----	-		1		2		3				
ANTHRACITE-----	-		-		-		-				
TOTAL, OFFICEWORKERS-----	-		1	.07	2	.14	3	.21	2,324	2,831,430	-
GRAND TOTAL-----	2	.01	333	1.34	151	.61	486	1.96	44,548	49,650,080	936,005

TABLE 6. NUMBER OF CONTRACTOR INJURIES, INJURY-INCIDENCE RATES, AVERAGE NUMBER OF EMPLOYEES, AND EMPLOYEE HOURS BY WORK LOCATION AND MINERAL INDUSTRY

JANUARY - DECEMBER, 2012

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
UNDERGROUND MINES:										
METAL-----	-		56		30		86			
NONMETAL-----	-		6		5		11			
STONE-----	-		4		1		5			
TOTAL, UNDERGROUND MINES--	-		66	1.35	36	.74	102	2.09	9,307	9,761,766
SURFACE MINES:										
METAL-----	1		70		54		125			
NONMETAL-----	1		20		9		30			
STONE-----	1		48		15		64			
SUBTOTAL, SURFACE MINES--	3		138		78		219			
SAND AND GRAVEL-----	-		21		11		32			
TOTAL, SURFACE MINES-----	3	.01	159	.72	89	.40	251	1.13	46,269	44,321,602
TOTAL, MINES-----	3	.01	225	.83	125	.46	353	1.31	55,576	54,083,368
MINES:										
METAL-----	-		58		48		106			
NONMETAL-----	1		13		6		20			
STONE-----	-		67		28		95			
TOTAL, MINES-----	1	.01	138	1.21	82	.72	221	1.94	20,747	22,781,745
INDEPENDENT SHOPS AND YARDS:										
METAL-----	-		-		-		-			
NONMETAL-----	-		-		-		-			
STONE-----	-		1		-		1			
TOTAL, SHOPS AND YARDS---	-		1	9.14	-		1	9.14	62	21,871
ALL MINES, MINES AND SHOPS:										
METAL-----	1		184		132		317			
NONMETAL-----	2		39		20		61			
STONE-----	1		120		44		165			
SUBTOTAL-----	4		343		196		543			
SAND AND GRAVEL-----	-		21		11		32			
TOTAL, MINES/MINES/SHOPS--	4	.01	364	.95	207	.54	575	1.50	76,385	76,886,984
OFFICERS:										
METAL-----	-		-		4		4			
NONMETAL-----	-		-		-		-			
STONE-----	-		1		2		3			
SAND AND GRAVEL-----	-		1		-		1			
TOTAL, OFFICERS-----	-		2	.08	6	.24	8	.32	3,700	5,048,628
SUMMARY TOTAL (INCLUDES OFFICERS):										
METAL-----	1		184		136		321			
NONMETAL-----	2		39		20		61			
STONE-----	1		121		46		168			
SUBTOTAL-----	4		344		202		550			
SAND AND GRAVEL-----	-		22		11		33			
GRAND TOTAL-----	4	.01	366	.89	213	.52	583	1.42	80,085	81,935,612

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

JANUARY - DECEMBER, 2012

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
ALABAMA																	
METAL-----																	
NONMETAL-----																	
STONE-----								2							6		
SAND AND GRAVEL--																	
TOTAL-----								2							6		
COAL-----		10	3					6	2								
ALASKA																	
METAL-----		7	2					2	1						4		
NONMETAL-----																	
STONE-----									1								
SAND AND GRAVEL--																	
TOTAL-----		7	2					2	2						4		
COAL-----																	
ARI ZONA																	
METAL-----			2					1	22	14				10	7		
NONMETAL-----									1						1		
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----			2					1	23	14				10	8		
COAL-----									2								
ARKANSAS																	
METAL-----									1	1					1		
NONMETAL-----																	
STONE-----														1	2		
SAND AND GRAVEL--																	
TOTAL-----									1	1				1	3		
COAL-----																	
CALI FORNIA																	
METAL-----		1							8	8				10	9		
NONMETAL-----									3					1			
STONE-----									1	2				10	2		
SAND AND GRAVEL--																	
TOTAL-----		1							12	10				21	11		
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, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
COLORADO																	
METAL-----		5	1				1	2					3				
NONMETAL-----								1					1	1			
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		5	1				1	3					4	1			
COAL-----		14	1					1					1	1			
CONNECTICUT																	
METAL-----																	
NONMETAL-----							1										
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----							1										
COAL-----																	
FLORIDA																	
METAL-----																	
NONMETAL-----							5						1				
STONE-----							1						2	2			
SAND AND GRAVEL--							1										
TOTAL-----							7						3	2			
COAL-----																	
GEORGIA																	
METAL-----																	
NONMETAL-----							5						1	5	3		
STONE-----							2						1	1			
SAND AND GRAVEL--																	
TOTAL-----							7						1	6	4		
COAL-----																	
IDAHO																	
METAL-----		3	7														
NONMETAL-----							2	4									
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		3	7				2	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, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
ILLINOIS																	
METAL-----																	
NONMETAL-----																	
STONE-----							1			1					1		
SAND AND GRAVEL--																	
TOTAL-----							1			1					1		
COAL-----		17	9				1							1			
INDIANA																	
METAL-----																	
NONMETAL-----																	
STONE-----							1							2	1		
SAND AND GRAVEL--																	
TOTAL-----							1							2	1		
COAL-----	1	14	7				2	1									
IOWA																	
METAL-----																	
NONMETAL-----																	
STONE-----							1							4			
SAND AND GRAVEL--							2										
TOTAL-----							4							4			
COAL-----																	
KANSAS																	
METAL-----																	
NONMETAL-----																	
STONE-----		1												1	3		
SAND AND GRAVEL--																	
TOTAL-----		1												1	3		
COAL-----																	
KENTUCKY																	
METAL-----																	
NONMETAL-----																	
STONE-----							1							2			
SAND AND GRAVEL--							1										
TOTAL-----							3							2			
COAL-----	1	10	7				9	2						11	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, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
LOUISIANA																	
METAL-----																	
NONMETAL-----			1														
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----			1														
COAL-----							5	2									
MARYLAND																	
METAL-----																	
NONMETAL-----							4							1			
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----							4							1			
COAL-----		3	1											2	1		
MASSACHUSETTS																	
METAL-----																	
NONMETAL-----							1										
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----							1										
COAL-----																	
MICHIGAN																	
METAL-----		1	1				2	1						1	1		
NONMETAL-----							1							1			
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		1	1				3	1						2	1		
COAL-----																	
MINNESOTA																	
METAL-----							1	1						12	4		
NONMETAL-----																	
STONE-----								2						1			
SAND AND GRAVEL--																	
TOTAL-----							1	3						12	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, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
MISSISSIPPI																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----							1	1									
MISSOURI																	
METAL-----		2						1						4	1		
NONMETAL-----																	
STONE-----		2					4										
SAND AND GRAVEL--																	
TOTAL-----		4					4	1						4	1		
COAL-----								1									
MONTANA																	
METAL-----		1					1	1						1	1		
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		1					1	1						1	2		
COAL-----								2									
NEVADA																	
METAL-----		32	11				27	19						3	11		
NONMETAL-----								3						1	2		
STONE-----							2										
SAND AND GRAVEL--																	
TOTAL-----		32	11				29	22						4	13		
COAL-----																	
NEW JERSEY																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--							2										
TOTAL-----							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, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
OKLAHOMA																	
METAL-----																	
NONMETAL-----																	
STONE-----							3			1							
SAND AND GRAVEL--																	
TOTAL-----							3			1							
COAL-----							4										
OREGON																	
METAL-----																	
NONMETAL-----																	
STONE-----							1										
SAND AND GRAVEL--																	
TOTAL-----							1										
COAL-----																	
PENNSYLVANIA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--		2					6			3				7		2	
TOTAL-----		2					6			3				7		2	
COAL--ANTHRACITE--							1			1						1	
BITUMINOUS--		31					2			1				5		1	
SOUTH CAROLINA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--							2			1				6		2	
TOTAL-----							2			1				6		2	
COAL-----																	
SOUTH DAKOTA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--							1			1					1		
TOTAL-----							1			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, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
TENNESSEE																	
METAL-----			1														
NONMETAL-----														2			
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----			1											2			
COAL-----														1			
TEXAS																	
METAL-----		1	2											16	8		
NONMETAL-----														11	1		
STONE-----							7	1									
SAND AND GRAVEL--							7	3									
TOTAL-----		1	2				14	4						27	9		
COAL-----							9	8									
UTAH																	
METAL-----		2						3	3						2		
NONMETAL-----														1			
STONE-----									1								
SAND AND GRAVEL--																	
TOTAL-----		2					3	4						1	2		
COAL-----		3	2						1								
VERMONT																	
METAL-----																	
NONMETAL-----														1			
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----														1			
COAL-----																	
VIRGINIA																	
METAL-----																	
NONMETAL-----																	
STONE-----								1	1					1	1		
SAND AND GRAVEL--									1								
TOTAL-----							1	2						1	1		
COAL-----		6	1				5	3						2			

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
WASHINGTON																	
METAL-----		1															
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		1															
COAL-----																	
WEST VIRGINIA																	
METAL-----																	
NONMETAL-----																	
STONE-----								1									
SAND AND GRAVEL--																	
TOTAL-----								1									
COAL-----		70	17					20	14						21	14	
WISCONSIN																	
METAL-----																	
NONMETAL-----																	
STONE-----								1	2								
SAND AND GRAVEL--								4	3								
TOTAL-----								5	5								
COAL-----																	
WYOMING																	
METAL-----																	
NONMETAL-----		1	3					2									
STONE-----								1									
SAND AND GRAVEL--																	
TOTAL-----		1	3					3									
COAL-----		4	1					14	21							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, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
NATION																	
METAL-----		56	30			1	70	54					1	58	48		
NONMETAL-----		6	5			1	20	9						13	6		
STONE-----		4	1			1	49	15						67	28		
SAND AND GRAVEL--							21	11									
TOTAL-----		66	36	9,307	9,761,766	3	160	89	46,331	44,343,473		1	138	82	20,747	22,781,745	
COAL-----	2	195	64	15,844	16,436,295		89	62	18,865	20,956,414	889,371		48	23	7,515	9,425,941	

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

JANUARY - DECEMBER, 2012

ACCI DENT CLASSI FI CATON	COAL									METAL								
	UNDERGROUND			SURFACE			PREPARATI ON PLANTS			UNDERGROUND			SURFACE			MI LLS		
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
ELECTRI CAL-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODI NG VESSELS UNDER PRESSURE-----	-	2	-	-	1	-	-	-	-	-	1	-	-	1	-	-	1	-
EXPLOSI VES AND BREAKI NG AGENTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALLI NG, ROLLI NG, OR SLI DI NG MATERI AL-----	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
FALL OF FACE, RI B, SI DE OR HI GHWALL-----	-	7	1	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-
FALL OF ROOF (UNDER- GROUND MI NES ONLY)-----	-	9	6	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-
FIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
HANDLI NG MATERI AL-----	-	68	29	-	30	29	-	14	5	-	25	13	-	23	21	-	26	20
HAND TOOLS-----	-	14	13	-	8	11	-	5	6	-	2	7	-	8	13	-	5	9
NONPOWERED HAULAGE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
POWERED HAULAGE-----	-	18	-	-	9	1	-	6	2	-	5	2	-	6	2	-	2	-
HAULAGE TRUCKS-----	-	3	-	-	5	-	-	5	2	-	2	1	-	3	2	-	2	-
FRONT-END LOADERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
ALL OTHER POWERED HAULAGE-----	-	15	-	-	4	1	-	1	-	-	3	1	-	2	-	-	-	-
HOI STI NG-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I GNI TI ON OR EXPLOSI ON OF GAS OR DUST-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I MPOUNDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I NUNDATI ON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHI NERY-----	-	29	7	-	7	14	-	9	5	-	8	2	-	11	5	-	4	10
DOZER-----	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
DRI LL-----	-	-	1	-	3	-	-	-	-	-	-	-	-	2	2	-	-	-
ALL OTHER MACHI NERY--	-	28	6	-	4	13	-	9	5	-	8	2	-	9	3	-	4	10
SLI PS OR FALLS OF PERSON-----	2	40	3	-	26	5	-	12	3	-	9	1	1	16	9	-	13	3
STEPPI NG OR KNEELI NG ON OBJECT-----	-	3	1	-	3	-	-	-	-	-	2	-	-	2	-	-	4	1
STRI KI NG OR BUMPING-----	-	-	2	-	2	-	-	1	1	-	-	1	-	-	1	-	-	-
OTHER-----	-	2	1	-	2	2	-	1	1	-	1	1	-	2	2	-	2	4
TOTAL-----	2	195	64	-	89	62	-	48	23	-	56	30	1	70	54	-	58	48

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

JANUARY - DECEMBER, 2012 - CONTINUED

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODING VESSELS UNDER PRESSURE-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
EXPLOSIVES AND BREAKING AGENTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
FALL OF ROOF (UNDER- GROUND MINES ONLY)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLING MATERIAL-----	-	3	2	-	7	4	-	5	2	-	1	1	-	15	6	-	35	17	-	10	4	-
HAND TOOLS-----	-	1	1	-	-	4	-	1	1	-	-	-	-	5	2	-	3	2	-	3	2	-
NONPOWERED HAULAGE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
POWERED HAULAGE-----	-	1	-	-	3	-	-	-	-	-	-	-	1	5	-	-	1	-	-	1	1	-
HAULAGE TRUCKS-----	-	-	-	-	2	-	-	-	-	-	-	-	1	4	-	-	1	-	-	1	-	-
FRONT-END LOADERS-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
ALL OTHER POWERED HAULAGE-----	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
HOISTING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IMPONDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INUNDATION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINERY-----	-	1	-	1	5	1	-	1	1	-	1	-	2	2	-	9	5	-	-	-	-	2
DOZER-----	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRI LL-----	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-
ALL OTHER MACHINERY-- SLIPS OR FALLS OF PERSON-----	-	1	-	-	4	1	-	1	1	-	1	-	1	2	-	8	5	-	-	-	-	2
STEPPING OR KNEELING ON OBJECT-----	-	-	1	-	5	-	-	5	2	-	1	-	-	16	4	-	14	3	-	6	2	-
STRIKING OR BUMPING OTHER-----	-	-	-	-	-	-	1	1	-	-	-	-	-	4	-	-	1	1	-	1	-	-
TOTAL-----	-	6	5	1	20	9	1	13	6	-	4	1	1	49	15	-	67	28	-	21	11	-