

Mine Injury and Worktime, Quarterly

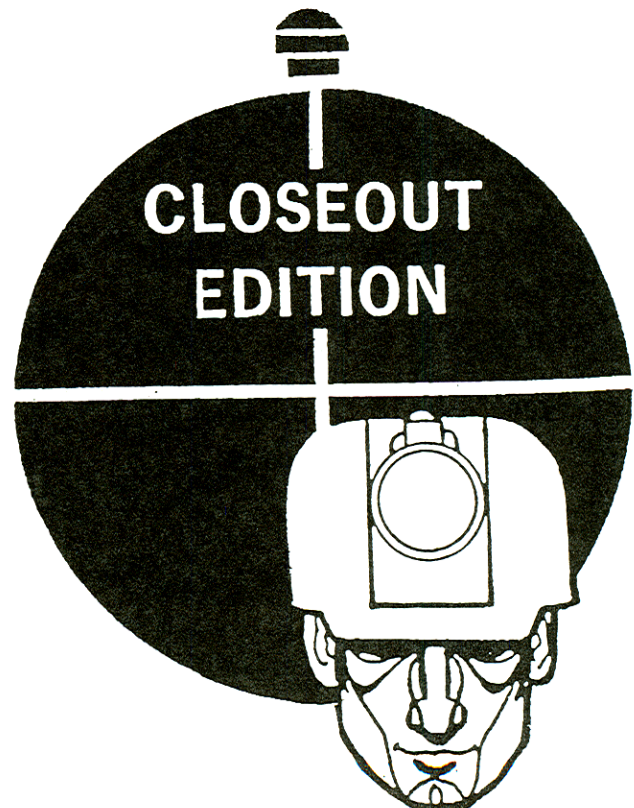


U.S. Department of Labor
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Mine Safety and Health Administration
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This publication has been reviewed and approved for distribution to the mining public by the Office of the Assistant Secretary for Mine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

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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,
2006, 2007 and 2008

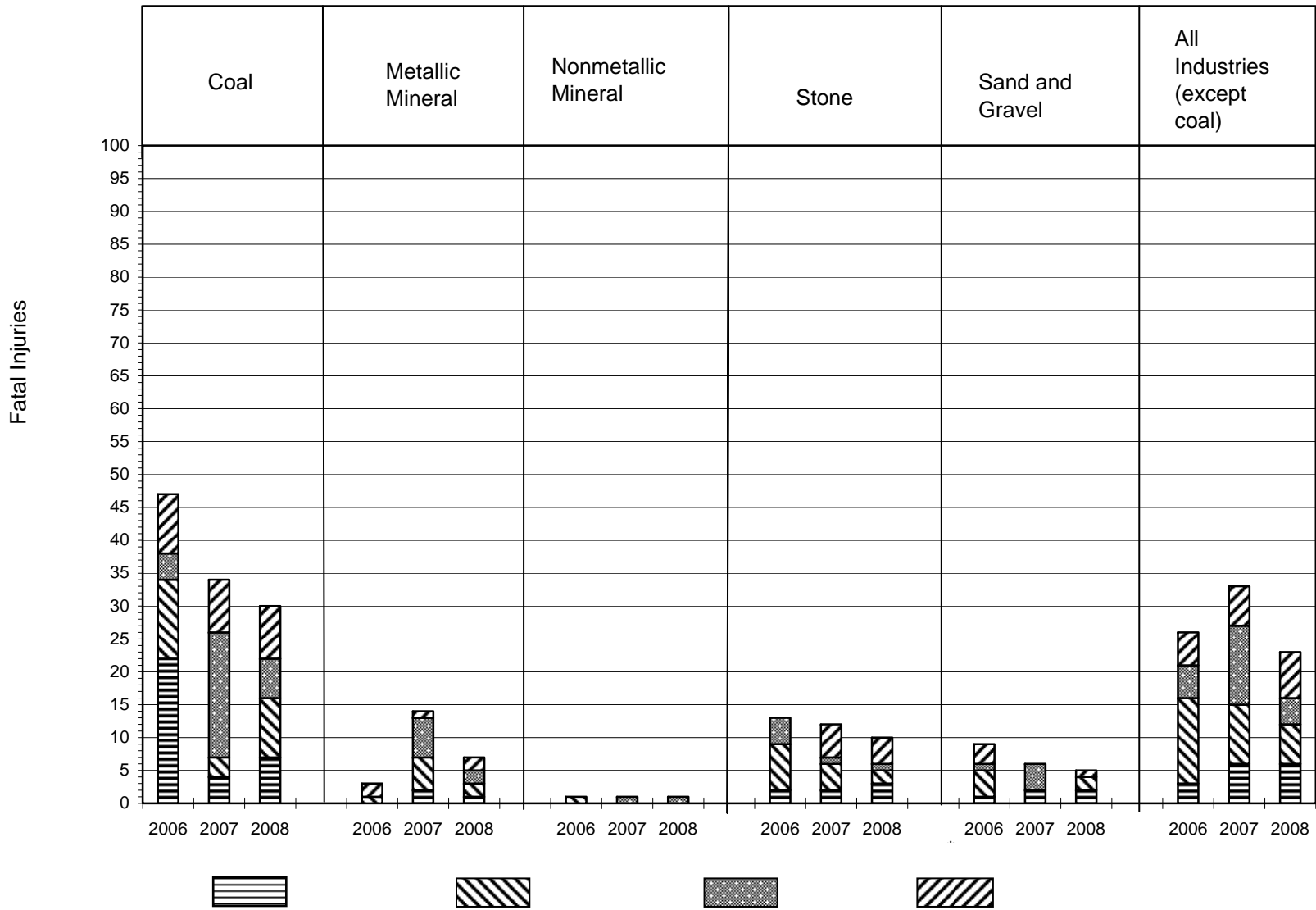


TABLE 1. NUMBER OF OPERATOR INJURIES, INJURY-INCIDENCE RATES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS, AND PRODUCTION BY TYPE OF COAL MINED AND WORK LOCATION

JANUARY - DECEMBER, 2008

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)
BITUMINOUS COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	11	.02	2,093	4.57	962	2.10	3,066	6.70	40,279	91,572,442	357,404,133
SURFACE-----	-	-	99	3.08	62	1.93	161	5.00	3,072	6,437,494	-
TOTAL, UNDERGROUND MINES--	11	.02	2,192	4.47	1,024	2.09	3,227	6.59	43,351	98,009,936	357,404,133
SURFACE MINES:											
STRIP MINES-----	4	.01	460	1.29	200	.56	664	1.86	32,245	71,589,753	803,667,138
AUGER MINES-----	-	-	11	1.87	9	1.53	20	3.40	745	1,175,514	8,277,132
OTHER SURFACE MINES-----	-	-	5	1.62	5	1.62	10	3.23	360	619,112	1,395,639
TOTAL, SURFACE MINES-----	4	.01	476	1.30	214	.58	694	1.89	33,350	73,384,379	813,339,909
TOTAL, PRODUCTION MINING--	15	.02	2,668	3.11	1,238	1.44	3,921	4.58	76,701	171,394,315	1,170,744,042
PREPARATION PLANTS-----	1	.01	136	1.49	102	1.12	239	2.62	7,937	18,277,517	-
INDEPENDENT SHOPS/YARDS-----	1	.19	13	2.48	2	.38	16	3.05	429	1,049,211	-
TOTAL, OTHER OPERATIONS---	2	.02	149	1.54	104	1.08	255	2.64	8,366	19,326,728	-
TOTAL, BITUMINOUS MINING--	17	.02	2,817	2.95	1,342	1.41	4,176	4.38	85,067	190,721,043	1,170,744,042
PENNSYLVANIA ANTHRACITE COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	1	1.25	10	12.53	-	-	11	13.78	91	159,620	241,349
SURFACE-----	-	-	2	10.76	-	-	2	10.76	24	37,182	-
TOTAL, UNDERGROUND MINES--	1	1.02	12	12.20	-	-	13	13.21	115	196,802	241,349
SURFACE MINES:											
STRIP MINES-----	-	-	17	4.21	8	1.98	25	6.19	419	807,914	1,459,190
CULM BANK-----	-	-	2	1.35	-	-	2	1.35	168	296,239	11,899
DREDGE-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, SURFACE MINES-----	-	-	19	3.44	8	1.45	27	4.89	587	1,104,153	1,471,089
TOTAL, PRODUCTION MINING--	1	.15	31	4.77	8	1.23	40	6.15	702	1,300,955	1,712,438
PREPARATION PLANTS-----	-	-	23	6.13	7	1.87	30	8.00	353	750,440	-
INDEPENDENT SHOPS/YARDS-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, OTHER OPERATIONS---	-	-	23	6.13	7	1.87	30	8.00	353	750,440	-
TOTAL, ANTHRACITE MINING--	1	.10	54	5.26	15	1.46	70	6.82	1,055	2,051,395	1,712,438
ALL COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	12	.03	2,103	4.59	962	2.10	3,077	6.71	40,370	91,732,062	357,645,482
SURFACE-----	-	-	101	3.12	62	1.92	163	5.04	3,096	6,474,676	-
TOTAL, UNDERGROUND MINES--	12	.02	2,204	4.49	1,024	2.09	3,240	6.60	43,466	98,206,738	357,645,482
SURFACE MINES:											
STRIP MINES-----	4	.01	477	1.32	208	.57	689	1.90	32,664	72,397,667	805,126,328
AUGER MINES-----	-	-	11	1.87	9	1.53	20	3.40	745	1,175,514	8,277,132
CULM BANK-----	-	-	6	1.41	4	.94	10	2.35	479	850,696	586,627
DREDGE-----	-	-	1	3.09	1	3.09	2	6.19	49	64,655	820,911
TOTAL, SURFACE MINES-----	4	.01	495	1.33	222	.60	721	1.94	33,937	74,488,532	814,810,998
TOTAL, PRODUCTION MINING--	16	.02	2,699	3.13	1,246	1.44	3,961	4.59	77,403	172,695,270	1,172,456,480
PREPARATION PLANTS-----	1	.01	159	1.67	109	1.15	269	2.83	8,290	19,027,957	-
INDEPENDENT SHOPS/YARDS-----	1	.19	13	2.48	2	.38	16	3.05	429	1,049,211	-
TOTAL, OTHER OPERATIONS---	2	.02	172	1.71	111	1.11	285	2.84	8,719	20,077,168	-
TOTAL, ALL COAL-----	18	.02	2,871	2.98	1,357	1.41	4,246	4.41	86,122	192,772,438	1,172,456,480
OFFICEWORKERS:											
BITUMINOUS-----	-	-	1	.03	1	.03	2	.05	3,807	7,356,277	-
ANTHRACITE-----	-	-	-	-	-	-	-	-	126	227,819	-
TOTAL, OFFICEWORKERS-----	-	-	1	.03	1	.03	2	.05	3,933	7,584,096	-
GRAND TOTAL-----	18	.02	2,872	2.87	1,358	1.36	4,248	4.24	90,055	200,356,534	1,172,456,480

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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, 2008

WORK LOCATION AND MINERAL INDUSTRY	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-----	3	.04	188	2.77	126	1.86	317	4.68	6,843	13,554,543
NONMETAL-----	1	.03	134	4.00	50	1.49	185	5.53	3,191	6,695,467
STONE-----	2	.08	45	1.80	26	1.04	73	2.92	2,322	4,992,079
TOTAL, UNDERGROUND MINES--	6	.05	367	2.91	202	1.60	575	4.56	12,356	25,242,089
SURFACE MINES:										
METAL-----	1	.01	335	2.19	160	1.04	496	3.24	14,379	30,635,558
NONMETAL-----	-	-	76	1.70	44	.98	120	2.68	4,759	8,967,484
STONE-----	3	.01	632	2.06	304	.99	939	3.07	32,926	61,248,453
SUBTOTAL, SURFACE MINES--	4	.01	1,043	2.07	508	1.01	1,555	3.08	52,064	100,851,495
SAND AND GRAVEL-----	3	.01	550	1.91	281	.97	834	2.89	35,158	57,685,466
TOTAL, SURFACE MINES-----	7	.01	1,593	2.01	789	1.00	2,389	3.01	87,222	158,536,961
TOTAL, MINES-----	13	.01	1,960	2.13	991	1.08	2,964	3.23	99,578	183,779,050
MILLS:										
METAL-----	1	.01	288	2.08	156	1.13	445	3.21	13,061	27,733,149
NONMETAL-----	1	.01	297	2.45	121	1.00	419	3.45	11,536	24,293,928
STONE-----	2	.01	944	2.90	445	1.37	1,391	4.27	31,796	65,090,789
TOTAL, MILLS-----	4	.01	1,529	2.61	722	1.23	2,255	3.85	56,393	117,117,866
INDEPENDENT SHOPS AND YARDS:										
METAL-----	-	-	1	.43	2	.87	3	1.30	225	459,806
NONMETAL-----	-	-	-	-	-	-	-	-	-	-
STONE-----	-	-	5	2.12	6	2.54	11	4.66	285	471,604
TOTAL, SHOPS AND YARDS---	-	-	6	1.29	8	1.72	14	3.01	510	931,410
ALL MINES, MILLS AND SHOPS:										
METAL-----	5	.01	812	2.24	444	1.23	1,261	3.48	34,508	72,383,056
NONMETAL-----	2	.01	507	2.54	215	1.08	724	3.62	19,486	39,956,879
STONE-----	7	.01	1,626	2.47	781	1.19	2,414	3.66	67,329	131,802,925
SUBTOTAL-----	14	.01	2,945	2.41	1,440	1.18	4,399	3.60	121,323	244,142,860
SAND AND GRAVEL-----	3	.01	550	1.91	281	.97	834	2.89	35,158	57,685,466
TOTAL, MINES/MILLS/SHOPS--	17	.01	3,495	2.32	1,721	1.14	5,233	3.47	156,481	301,828,326
OFFICEWORKERS:										
METAL-----	-	-	13	.29	3	.07	16	.36	4,618	8,981,606
NONMETAL-----	-	-	5	.15	-	-	5	.15	3,547	6,562,345
STONE-----	-	-	13	.12	6	.06	19	.18	11,646	21,695,259
SAND AND GRAVEL-----	-	-	4	.09	3	.07	7	.16	7,149	9,000,654
TOTAL, OFFICEWORKERS-----	-	-	35	.15	12	.05	47	.20	26,960	46,239,864
SUMMARY TOTAL (INCLUDES OFFICEWORKERS):										
METAL-----	5	.01	825	2.03	447	1.10	1,277	3.14	39,126	81,364,662
NONMETAL-----	2	.01	512	2.20	215	.92	729	3.13	23,033	46,519,224
STONE-----	7	.01	1,639	2.14	787	1.03	2,433	3.17	78,975	153,498,184
SUBTOTAL-----	14	.01	2,976	2.12	1,449	1.03	4,439	3.16	141,134	281,382,070
SAND AND GRAVEL-----	3	.01	554	1.66	284	.85	841	2.52	42,307	66,686,120
GRAND TOTAL-----	17	.01	3,530	2.03	1,733	1.00	5,280	3.03	183,441	348,068,190

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

JANUARY - DECEMBER, 2008

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-----	-	-	-	-	-	-	-	-	-	-	-	-	21	39,423			
NONMETAL-----	-	-	-	-	-	-	2	-	61	100,551	-	-	198	396,293			
STONE-----	-	-	1	7	11,173	-	22	10	1,091	2,432,570	-	-	1,439	3,165,305			
SAND AND GRAVEL--	-	-	-	-	-	-	2	4	522	1,023,671	-	-	-	-			
TOTAL-----	-	-	1	7	11,173	-	26	14	1,674	3,556,792	-	-	1,658	3,601,021			
COAL-----	1	186	51	2,391	5,711,540	12,281,035	-	32	3	1,419	3,296,482	8,876,442	-	4	2	435	992,345
ALASKA																	
METAL-----	-	7	9	493	1,119,026	-	-	1	545	1,337,915	-	-	340	894,995			
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
STONE-----	-	-	-	-	-	-	-	1	127	125,055	-	-	6	944			
SAND AND GRAVEL--	-	-	-	-	-	-	2	3	427	382,551	-	-	-	-			
TOTAL-----	-	7	9	493	1,119,026	-	13	5	1,099	1,845,521	-	-	346	895,939			
COAL-----	-	-	-	-	-	-	-	-	85	194,378	1,477,015	-	-	-	4	8,516	
ARI ZONA																	
METAL-----	-	-	-	51	90,295	-	187	81	4,830	10,297,776	1	103	36	3,804	7,951,908		
NONMETAL-----	-	-	-	2	3,072	-	2	2	147	215,324	-	-	1	19	30,286		
STONE-----	-	-	-	-	-	-	18	10	679	1,173,960	-	13	4	315	631,924		
SAND AND GRAVEL--	-	-	-	-	-	-	38	13	1,991	3,412,570	-	-	-	-	-		
TOTAL-----	-	-	-	53	93,367	-	245	106	7,647	15,099,630	1	116	41	4,138	8,614,118		
COAL-----	-	-	-	-	-	-	-	2	328	785,921	8,024,973	-	-	-	79	188,194	
ARKANSAS																	
METAL-----	-	-	-	-	-	-	-	-	15	19,683	-	-	4	387	869,340		
NONMETAL-----	-	-	-	-	-	-	1	-	116	149,134	-	-	-	30	62,940		
STONE-----	-	-	2	19	44,847	-	8	7	932	1,642,031	-	10	10	583	1,210,833		
SAND AND GRAVEL--	-	-	-	-	-	-	5	2	351	628,929	-	-	-	-	-		
TOTAL-----	-	-	2	19	44,847	-	14	9	1,414	2,439,777	-	18	14	1,000	2,143,113		
COAL-----	-	23	2	78	182,385	67,392	-	-	2	1,310	1,789	-	-	-	5	12,472	
CALIFORNIA																	
METAL-----	-	-	1	37	47,107	-	6	4	221	440,403	-	-	2	146	299,797		
NONMETAL-----	-	-	-	8	5,306	-	11	9	432	758,815	-	28	2	829	1,580,431		
STONE-----	-	-	-	-	-	-	1	33	1,225	2,146,816	-	67	17	1,625	3,345,519		
SAND AND GRAVEL--	-	-	-	-	-	-	67	26	3,501	6,315,382	-	-	-	-	-		
TOTAL-----	-	-	1	45	52,413	-	1	117	49	5,379	9,661,416	-	95	21	2,600	5,225,747	
COAL-----																	

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

JANUARY - DECEMBER, 2008 - 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-----	-	17	7	555	1,006,489	-	6	5	217	466,724	-	8	6	262	525,150		
NONMETAL-----	-	-	-	-	-	-	4	-	62	126,509	-	-	-	13	25,378		
STONE-----	-	4	2	17	31,658	-	25	11	464	820,391	-	12	6	376	699,735		
SAND AND GRAVEL--	-	-	-	-	-	-	35	16	1,326	2,068,267	-	-	-	-	-		
TOTAL-----	-	21	9	572	1,038,147	-	70	32	2,069	3,481,891	-	20	12	651	1,250,263		
COAL-----	-	77	27	1,615	3,477,339	24,369,613	-	5	4	445	910,474	7,658,847	-	2	-	65	137,906
CONNECTICUT																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
STONE-----	-	-	-	-	-	-	-	2	310	545,718	-	6	1	159	328,697		
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	290	424,650	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	-	2	600	970,368	-	6	1	159	328,697		
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DELAWARE																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	31	59,299		
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
STONE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SAND AND GRAVEL--	-	-	-	-	-	-	2	-	48	109,882	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	2	-	48	109,882	-	-	-	31	59,299		
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
FLORIDA																	
METAL-----	-	-	-	-	-	-	-	1	60	131,765	-	-	-	54	131,970		
NONMETAL-----	-	-	-	-	-	-	22	9	1,147	2,563,657	-	2	3	707	1,555,135		
STONE-----	-	-	-	-	-	-	27	11	1,320	2,782,063	-	15	15	1,313	2,576,080		
SAND AND GRAVEL--	-	-	-	-	-	-	6	8	468	909,897	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	55	29	2,995	6,387,382	-	17	18	2,074	4,263,185		
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GEORGIA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NONMETAL-----	-	-	-	-	-	-	2	3	200	418,708	-	39	15	2,585	5,546,654		
STONE-----	1	1	2	80	171,566	-	14	5	937	1,901,841	-	20	18	1,226	2,688,479		
SAND AND GRAVEL--	-	-	-	-	-	-	4	1	315	632,481	-	-	-	-	-		
TOTAL-----	1	1	2	80	171,566	-	20	9	1,452	2,953,030	-	59	33	3,811	8,235,133		
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, 2008 - 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		
HAWAII																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	13	5	278	517,346	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	169	116,468	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	13	5	447	633,814	-	-	-	-	-	-	
COAL-----																	
IDAHO																	
METAL-----	-	31	18	513	918,374	-	6	3	217	455,229	-	7	2	198	399,682		
NONMETAL-----	-	-	-	-	-	-	1	1	395	791,339	-	6	5	124	219,182		
STONE-----	-	-	-	-	-	-	2	5	417	521,588	-	4	2	86	156,500		
SAND AND GRAVEL--	-	-	-	-	-	-	4	2	632	798,228	-	-	-	-	-	-	
TOTAL-----	-	31	18	513	918,374	-	13	11	1,661	2,566,384	-	17	9	408	775,364		
COAL-----																	
ILLINOIS																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	3	-	24	43,087	
NONMETAL-----	-	-	-	-	-	-	-	-	23	28,459	-	10	1	95	199,489		
STONE-----	-	3	3	251	574,243	-	22	14	895	1,735,568	-	42	13	1,271	2,636,439		
SAND AND GRAVEL--	-	-	-	-	-	-	9	5	583	991,729	-	-	-	-	-	-	
TOTAL-----	-	3	3	251	574,243	-	31	19	1,501	2,755,756	-	55	14	1,390	2,879,015		
COAL-----	1	175	77	2,566	5,882,756	27,054,887	-	1	1	418	1,005,090	6,019,574	-	9	4	319	663,251
INDIANA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	53	118,560	-	2	1	23	39,497	-	1	3	45	150,048		
STONE-----	-	-	2	129	258,263	-	22	8	695	1,347,861	-	49	15	1,249	2,629,215		
SAND AND GRAVEL--	-	-	-	-	-	-	19	4	663	1,250,367	-	-	-	-	-	-	
TOTAL-----	-	-	2	182	376,823	-	43	13	1,381	2,637,725	-	50	18	1,294	2,779,263		
COAL-----	1	62	23	1,182	3,071,916	12,223,086	-	21	9	1,421	3,579,077	24,082,490	-	5	4	435	1,147,375
IOWA																	
METAL-----	-	-	-	-	-	-	-	-	16	21,838	-	-	-	-	-	-	
NONMETAL-----	1	5	4	117	265,033	-	-	-	50	80,788	-	1	-	24	47,401		
STONE-----	1	2	2	201	425,605	-	10	10	1,035	1,756,960	-	25	18	590	1,221,722		
SAND AND GRAVEL--	-	-	-	-	-	-	-	7	543	841,320	-	-	-	-	-	-	
TOTAL-----	2	7	6	318	690,638	-	17	13	1,644	2,700,906	-	26	18	614	1,269,123		
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, 2008 - 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-----	-	1	-	103	238,766	-	-	-	30	45,775	-	-	107	219,951	-	-	
STONE-----	-	1	-	18	39,551	-	-	-	787	1,436,870	-	-	475	810,849	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	306	504,343	-	-	-	-	-	-	
TOTAL-----	-	2	-	121	278,317	-	-	-	1,123	1,986,988	-	-	582	1,030,800	-	-	
COAL-----	-	-	-	-	-	-	-	-	49	99,584	229,246	-	-	8	8,094	-	
KENTUCKY																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	38	55,393	-	-	48	95,767	-	-	
STONE-----	-	9	4	548	1,127,613	-	10	3	801	1,679,770	-	22	893	1,889,162	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	3	2	157	278,906	-	-	-	-	-	-	
TOTAL-----	-	9	4	548	1,127,613	-	13	5	996	2,014,069	-	24	941	1,984,929	-	-	
COAL-----	1	495	317	10,669	23,957,563	69,473,742	2	122	26	6,451	13,501,611	51,080,499	1	40	24	1,917	4,461,602
LOUISIANA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	7	2	352	781,000	-	-	-	10	7,474	-	12	350	976,615	-	-	
STONE-----	-	-	-	-	-	-	-	-	11	19,992	-	4	336	726,470	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	16	6	717	1,318,177	-	14	22,001	-	-	
TOTAL-----	-	7	2	352	781,000	-	-	16	6	738	1,345,643	-	700	1,725,086	-	-	
COAL-----	-	-	-	-	-	-	-	2	4	241	504,206	3,843,243	-	2	4,175	-	
MAINE																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	2	2,373	-	-	-	2	121	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	-	1	143	253,974	-	8	99	225,090	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	3	493	603,209	-	-	-	-	-	-	
TOTAL-----	-	-	-	2	2,373	-	-	4	638	857,304	-	8	99	225,090	-	-	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MARYLAND																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	2	172	-	-	-	-	-	-	
STONE-----	-	-	-	5	10,189	-	-	3	297	564,142	-	-	633	1,276,554	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	8	277	604,475	-	-	-	-	-	-	
TOTAL-----	-	-	-	5	10,189	-	-	11	576	1,168,789	-	-	633	1,276,554	-	-	
COAL-----	-	10	2	93	213,836	753,138	-	3	274	597,928	2,106,827	-	49	116,540	-	-	

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, 2008 - 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-----	-	-	-	-	-	-	1	-	13	29,438	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	7	3	352	627,986	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	2	2	383	467,013	-	6	1	249	460,476	-	
TOTAL-----	-	-	-	-	-	-	10	5	748	1,124,437	-	6	1	249	460,476	-	
COAL-----																	
MI CHIGAN																	
METAL-----	-	-	-	-	-	-	2	10	618	1,330,763	-	6	15	763	1,808,388	-	
NONMETAL-----	-	-	-	33	97,132	-	-	1	38	57,683	-	1	-	6	3,742	-	
STONE-----	-	-	-	-	-	-	10	5	348	711,092	-	19	7	743	1,587,344	-	
SAND AND GRAVEL--	-	-	-	-	-	-	19	10	1,284	1,746,557	-	-	-	-	-	-	
TOTAL-----	-	-	-	33	97,132	-	31	26	2,288	3,846,095	-	26	22	1,512	3,399,474	-	
COAL-----																	
MI NNESOTA																	
METAL-----	-	-	-	-	-	-	21	7	1,707	3,540,316	-	44	17	1,640	3,432,899	-	
NONMETAL-----	-	-	-	-	-	-	-	-	5	6,240	-	1	-	21	48,338	-	
STONE-----	-	-	-	-	-	-	9	8	413	647,861	-	3	1	60	131,828	-	
SAND AND GRAVEL--	-	-	-	-	-	-	9	7	1,281	1,357,484	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	39	22	3,406	5,551,901	-	48	18	1,721	3,613,065	-	
COAL-----																	
MI SSI SSI PPI																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	15	20,508	-	1	-	261	617,155	-	
STONE-----	-	-	-	-	-	-	1	-	18	35,550	-	1	-	92	183,899	-	
SAND AND GRAVEL--	-	-	-	-	-	-	9	4	574	1,058,956	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	10	4	607	1,115,014	-	2	-	353	801,054	-	
COAL-----																	
MI SSOURI																	
METAL-----	-	6	15	559	1,280,561	-	1	2	20	37,240	-	4	-	130	249,157	-	
NONMETAL-----	-	-	-	-	-	-	-	-	50	78,975	-	11	-	265	571,265	-	
STONE-----	-	8	3	337	701,162	-	20	24	1,454	2,716,110	-	2	60	30	2,181	4,364,643	
SAND AND GRAVEL--	-	-	-	-	-	-	13	9	452	739,420	-	-	-	-	-	-	
TOTAL-----	-	14	18	896	1,981,723	-	34	35	1,976	3,571,745	-	2	75	30	2,576	5,185,065	
COAL-----																	
	-	-	-	-	-	-	-	-	12	26,914	247,049	-	-	-	-	-	

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

JANUARY - DECEMBER, 2008 - 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-----	-	26	33	1,415	2,827,009	-	10	6	450	885,759	-	-	-	436	875,335		
NONMETAL-----	-	-	-	-	-	-	-	3	65	105,586	-	-	-	152	293,440		
STONE-----	-	-	-	-	-	-	-	-	282	362,118	-	-	-	140	291,100		
SAND AND GRAVEL--	-	-	-	-	-	-	-	6	648	600,379	-	-	-	-	-		
TOTAL-----	-	26	33	1,415	2,827,009	-	23	15	1,445	1,953,842	-	-	-	728	1,459,875		
COAL-----	-	-	-	23	47,130	168,252	-	12	11	854	1,814,897	44,617,448	-	-	-	80	161,385
NEBRASKA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	4	1,692	-	-	-	-	-		
STONE-----	-	1	3	87	218,133	-	-	1	81	171,066	-	-	-	187	429,232		
SAND AND GRAVEL--	-	-	-	-	-	-	-	4	533	836,804	-	-	-	-	-		
TOTAL-----	-	1	3	87	218,133	-	9	5	618	1,009,562	-	-	-	187	429,232		
COAL-----																	
NEVADA																	
METAL-----	2	47	23	2,020	3,977,193	1	57	30	3,694	8,085,077	-	-	-	2,112	4,356,880		
NONMETAL-----	-	-	-	-	-	-	-	3	207	356,599	-	-	-	519	971,855		
STONE-----	-	-	-	-	-	-	-	-	176	300,473	-	-	-	222	430,020		
SAND AND GRAVEL--	-	-	-	-	-	-	-	4	890	1,391,126	-	-	-	-	-		
TOTAL-----	2	47	23	2,020	3,977,193	1	69	37	4,967	10,133,275	-	-	-	2,853	5,758,755		
COAL-----																	
NEW HAMPSHIRE																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
STONE-----	-	-	-	-	-	-	-	1	169	294,156	-	-	-	31	68,751		
SAND AND GRAVEL--	-	-	-	-	-	-	-	2	348	495,014	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	-	8	517	789,170	-	-	-	31	68,751		
COAL-----																	
NEW JERSEY																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
STONE-----	-	-	-	-	-	-	-	1	300	651,466	-	-	-	11	10,430		
SAND AND GRAVEL--	-	-	-	-	-	-	-	5	477	969,221	-	-	-	45	85,289		
TOTAL-----	-	-	-	-	-	-	-	7	777	1,620,687	-	-	-	255	527,121		
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, 2008 - 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	2	279	589,566	-	24	5	787	1,594,437	-	-	-	455	905,604		
NONMETAL-----	-	40	6	679	1,384,234	-	1	-	91	140,096	-	1	12	2	400	789,077	
STONE-----	-	-	-	-	-	-	5	2	349	577,325	-	-	-	2	89	162,616	
SAND AND GRAVEL--	-	-	-	-	-	-	9	4	645	929,209	-	-	-	-	-	-	
TOTAL-----	-	49	8	958	1,973,800	-	39	11	1,872	3,241,067	-	1	29	7	944	1,857,297	
COAL-----	-	13	9	422	881,973	7,046,199	-	10	7	909	1,806,189	18,598,652	-	-	1	70	146,271
NEW YORK																	
METAL-----	1	17	4	114	252,436	-	1	-	27	46,787	-	-	-	69	160,044		
NONMETAL-----	-	10	6	374	859,877	-	2	-	49	102,273	-	-	7	6	196	401,022	
STONE-----	-	1	-	14	35,549	-	15	11	955	1,578,714	-	-	28	23	1,003	2,098,515	
SAND AND GRAVEL--	-	-	-	-	-	-	21	9	1,186	1,919,361	-	-	-	-	-	-	
TOTAL-----	1	28	10	502	1,147,862	-	39	20	2,217	3,647,135	-	-	35	29	1,268	2,659,581	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH CAROLINA																	
METAL-----	-	-	-	-	-	-	1	-	3	3,898	-	-	-	1	13	18,017	
NONMETAL-----	-	-	-	-	-	-	2	1	356	767,671	-	-	14	16	569	1,318,620	
STONE-----	-	-	-	-	-	-	13	12	1,040	1,973,062	-	-	-	7	970	1,847,431	
SAND AND GRAVEL--	-	-	-	-	-	-	4	8	641	1,153,499	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	20	21	2,040	3,898,130	-	-	31	24	1,552	3,184,068	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH DAKOTA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	1	200	-	-	-	-	31	55,861	
STONE-----	-	-	-	-	-	-	-	-	8	5,773	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	4	1	337	407,375	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	4	1	346	413,348	-	-	-	-	31	55,861	
COAL-----	-	-	-	-	-	-	-	9	6	973	1,888,539	29,627,097	-	-	7	13,481	
OHIO																	
METAL-----	-	-	-	-	-	-	-	-	4	7,953	-	-	-	-	-	-	
NONMETAL-----	-	6	1	287	637,017	-	1	-	95	134,780	-	-	1	-	71	146,725	
STONE-----	-	1	1	55	134,922	-	10	6	654	1,243,308	-	-	24	23	1,163	2,352,199	
SAND AND GRAVEL--	-	-	-	-	-	-	16	7	1,053	1,961,025	-	-	-	-	-	-	
TOTAL-----	-	7	2	342	771,939	-	27	13	1,806	3,347,066	-	-	25	23	1,234	2,498,924	
COAL-----	-	62	36	1,340	2,998,550	17,053,000	-	24	12	1,172	2,311,537	9,197,924	-	6	8	312	742,759

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, 2008 - 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-----	-	-	-	-	-	3	183	367,466	-	-	-	22	47,823	-	-	-	
STONE-----	-	1	-	20	43,966	13	1,473	2,778,062	-	-	-	874	1,822,935	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	4	422	874,078	-	-	-	-	-	-	-	-	
TOTAL-----	-	1	-	20	43,966	20	2,078	4,019,606	-	38	20	896	1,870,758	-	28	19	
COAL-----	-	3	1	49	127,015	2	144	372,884	-	13	2	-	-	-	-	-	
OREGON																	
METAL-----	-	-	-	21	27,097	-	26	12,814	-	-	-	16	16,538	-	-	-	
NONMETAL-----	-	-	-	-	-	-	30	36,328	-	-	-	94	174,442	-	4	2	
STONE-----	-	-	-	-	-	-	945	1,309,813	-	17	-	94	174,701	-	8	2	
SAND AND GRAVEL--	-	-	-	-	-	3	618	867,669	-	4	3	-	-	-	-	-	
TOTAL-----	-	-	-	21	27,097	3	1,619	2,226,624	-	21	3	204	365,681	-	12	4	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PENNSYLVANIA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	5	10,044	-	-	-	
NONMETAL-----	-	-	-	-	-	-	23	12,132	-	-	-	64	117,704	-	6	-	
STONE-----	-	10	1	302	692,711	5	2,494	4,473,380	-	60	31	2,522	5,092,406	-	85	35	
SAND AND GRAVEL--	-	-	-	-	-	5	578	1,045,345	-	15	5	-	-	-	-	-	
TOTAL-----	-	10	1	302	692,711	36	3,095	5,530,857	-	75	36	2,591	5,220,154	-	91	35	
COAL-ANTHRACITE--	1	12	-	115	196,802	8	587	1,104,153	-	19	8	353	750,440	-	23	7	
BITUMINOUS--	2	226	89	4,265	10,126,514	10	1,822	3,738,209	-	31	10	687	1,518,516	-	17	16	
PUERTO RICO																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	1	508	865,780	-	15	1	753	1,439,765	-	11	1	
SAND AND GRAVEL--	-	-	-	-	-	-	243	352,756	-	7	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	1	751	1,218,536	-	22	1	753	1,439,765	-	11	1	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RHODE ISLAND																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	1	45	71,567	-	1	-	24	25,440	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	125	172,177	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	170	243,744	-	1	-	24	25,440	-	-	-	
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, 2008 - 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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NONMETAL-----	-	-	-	-	-	-	-	-	57	83,883	-	-	6	5	169	327,940		
STONE-----	-	-	-	-	-	-	-	8	303	635,646	-	-	10	4	678	1,313,358		
SAND AND GRAVEL--	-	-	-	-	-	-	-	5	319	625,182	-	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	-	13	4	679	1,344,711	-	-	16	9	847	1,641,298	
COAL-----																		
SOUTH DAKOTA																		
METAL-----	-	-	-	-	-	-	-	1	3	125	262,401	-	-	-	29	52,282		
NONMETAL-----	-	-	-	-	-	-	-	1	-	10	12,330	-	-	5	106	194,907		
STONE-----	-	-	-	-	-	-	-	7	9	219	419,533	-	-	3	183	394,117		
SAND AND GRAVEL--	-	-	-	-	-	-	-	8	1	445	641,101	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	-	17	13	799	1,335,365	-	-	8	2	318	641,306	
COAL-----																		
TENNESSEE																		
METAL-----	-	19	11	487	925,476	-	-	1	1	33	70,725	-	-	1	24	50,455		
NONMETAL-----	-	-	-	-	-	-	-	2	-	83	99,222	-	-	12	225	400,704		
STONE-----	-	1	-	88	167,972	-	-	12	3	908	1,542,819	-	-	25	950	1,958,526		
SAND AND GRAVEL--	-	-	-	-	-	-	-	6	6	340	663,709	-	-	-	-	-		
TOTAL-----	-	20	11	575	1,093,448	-	-	21	10	1,364	2,376,475	-	-	38	25	1,199	2,409,685	
COAL-----	-	12	1	204	387,577	788,748	-	6	6	362	700,113	1,544,028	-	-	-	63	140,767	
TEXAS																		
METAL-----	-	-	-	-	-	-	-	-	-	49	76,743	-	-	45	27	1,102	2,299,926	
NONMETAL-----	-	1	-	51	117,977	-	-	3	3	215	393,878	-	-	20	5	716	1,596,846	
STONE-----	-	-	-	13	27,230	-	-	64	28	3,962	8,525,468	-	-	61	25	2,360	5,193,278	
SAND AND GRAVEL--	-	-	-	-	-	-	-	1	57	2,860	6,361,080	-	-	-	-	-	-	
TOTAL-----	-	1	-	64	145,207	-	-	2	124	57	7,086	15,357,169	-	-	126	57	4,178	9,090,050
COAL-----	-	-	-	-	-	-	-	1	22	19	2,335	5,011,603	39,016,927	-	-	-	25	53,702
UTAH																		
METAL-----	-	2	-	59	47,815	-	-	-	3	913	1,940,360	-	-	-	5	510	1,075,595	
NONMETAL-----	-	25	7	129	250,894	-	-	4	2	108	184,495	-	-	8	3	224	443,525	
STONE-----	-	-	-	-	-	-	-	-	5	257	365,971	-	-	1	8	225	404,995	
SAND AND GRAVEL--	-	-	-	-	-	-	-	13	7	1,397	2,103,813	-	-	-	-	-	-	
TOTAL-----	-	27	7	188	298,709	-	-	-	17	17	2,675	4,594,639	-	-	9	16	959	1,924,115
COAL-----	-	37	36	1,810	3,628,488	24,365,168	-	-	-	5	8,724	-	-	-	2	2	154	259,120

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, 2008 - 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-----	-	-	-	-	-	-	-	-	-	5	9,142	-	17	30,803	-	-	
STONE-----	-	-	-	21	46,792	-	15	1	340	506,523	-	2	373	728,907	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	1	-	258	234,018	-	-	-	-	-	-	
TOTAL-----	-	-	-	21	46,792	-	16	1	603	749,683	-	2	390	759,710	-	-	
COAL-----																	
VIRGIN ISLANDS																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	-	-	44	97,023	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	-	-	44	97,023	-	-	-	-	-	-	
COAL-----																	
VIRGINIA																	
METAL-----	-	-	-	-	-	-	1	-	16	19,344	-	-	58	72,384	-	-	
NONMETAL-----	-	-	-	2	771	-	1	1	54	85,082	-	5	343	770,524	-	-	
STONE-----	-	1	-	44	84,024	-	10	3	840	1,628,619	-	23	1,399	2,949,485	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	1	1	269	503,549	-	-	-	-	-	-	
TOTAL-----	-	1	-	46	84,795	-	13	5	1,179	2,236,594	-	28	21	1,800	3,792,393	-	
COAL-----	2	99	55	2,869	6,318,556	15,803,552	-	23	7	1,334	3,019,381	8,964,590	-	10	7	658	1,531,210
WASHINGTON																	
METAL-----	-	7	3	240	446,099	-	-	-	11	9,414	-	-	54	110,463	-	-	
NONMETAL-----	-	-	-	-	-	-	2	-	34	53,400	-	2	68	138,552	-	-	
STONE-----	-	-	-	-	-	-	7	3	543	891,014	-	18	312	592,978	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	23	20	1,214	1,968,023	-	-	-	-	-	-	
TOTAL-----	-	7	3	240	446,099	-	32	23	1,802	2,921,851	-	20	5	434	841,993	-	
COAL-----	-	-	-	-	-	-	-	-	51	107,688	-	-	-	-	-	-	
WEST VIRGINIA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	17	37,442	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	1	877	-	-	19	44,298	-	-	
STONE-----	-	1	-	66	144,910	-	4	4	239	466,299	-	6	485	921,489	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	1	-	10	21,249	-	-	-	-	-	-	
TOTAL-----	-	1	-	66	144,910	-	5	4	250	488,425	-	7	5	521	1,003,229	-	
COAL-----	3	706	295	13,560	30,550,546	94,521,696	1	124	52	6,178	15,275,942	69,437,922	-	41	28	2,447	5,749,667

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

JANUARY - DECEMBER, 2008 - 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	3	55	112,762	-	-	-	21	47,614	-	-	3	2	89	188,137	
STONE-----	-	-	-	-	-	-	29	12	951	1,628,738	-	-	69	16	628	1,222,764	
SAND AND GRAVEL--	-	-	-	-	-	-	16	13	1,042	1,383,460	-	-	-	-	-	-	
TOTAL-----	-	1	3	55	112,762	-	45	25	2,014	3,059,812	-	-	72	18	717	1,410,901	
COAL-----																	
WYOMING																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	38	21	944	1,820,693	-	5	2	208	398,178	-	-	54	19	1,684	3,659,909	
STONE-----	-	-	-	-	-	-	2	2	97	213,226	-	-	2	6	129	267,723	
SAND AND GRAVEL--	-	-	-	-	-	-	8	7	507	620,312	-	-	-	-	-	-	
TOTAL-----	-	38	21	944	1,820,693	-	15	11	812	1,231,716	-	-	56	25	1,813	3,927,632	
COAL-----	-	6	3	215	446,252	3,501,147	1	25	30	6,336	13,555,802	464,143,021	-	-	5	116	220,169
NATION																	
METAL-----	3	188	126	6,843	13,554,543		1	336	162	14,604	31,095,364		1	288	156	13,061	27,733,149
NONMETAL-----	1	134	50	3,191	6,695,467		-	76	44	4,759	8,967,484		1	297	121	11,536	24,293,928
STONE-----	2	45	26	2,322	4,992,079		3	637	310	33,211	61,720,057		2	944	445	31,796	65,090,789
SAND AND GRAVEL--							3	550	281	35,158	57,685,466						
TOTAL-----	6	367	202	12,356	25,242,089		7	1,599	797	87,732	159,468,371		4	1,529	722	56,393	117,117,866
COAL-----	12	2,204	1,024	43,466	98,206,738	357,645,482	5	508	224	34,366	75,537,743	814,810,998	1	159	109	8,290	19,027,957

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

JANUARY - DECEMBER, 2008

ACCIDENT CLASSIFICATION	COAL									METAL								
	UNDERGROUND			SURFACE			PREPARATION PLANTS			UNDERGROUND			SURFACE			MILLS		
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
ELECTRICAL-----	1	18	2	-	1	1	-	-	-	-	-	1	-	3	1	1	-	-
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODING VESSELS	-	7	5	-	6	-	-	2	1	-	-	-	-	1	1	-	2	4
EXPLOSIVES AND BREAKING AGENTS-----	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	2	4	-	2	-	-	3	2	-	-	2	1	1	1	-	3	1
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	86	20	1	3	-	-	-	-	-	-	8	3	-	1	-	-	-
FALL OF ROOF (UNDERGROUND MINES ONLY)-----	4	248	133	-	-	-	-	-	-	2	17	14	-	-	-	-	-	-
FIRE-----	-	-	-	-	4	-	-	1	-	-	-	-	-	1	-	-	1	-
HANDLING MATERIAL-----	-	643	312	-	118	74	-	55	43	-	49	41	-	91	66	-	90	61
HAND TOOLS-----	-	125	263	-	31	36	-	9	27	-	12	20	-	21	23	-	38	32
NONPOWERED HAULAGE-----	-	5	1	-	1	-	-	1	-	-	1	-	-	5	-	-	4	2
POWERED HAULAGE-----	4	264	56	1	67	23	-	11	5	1	17	11	-	47	9	-	16	1
HAULAGE TRUCKS-----	-	4	2	1	43	14	-	3	2	1	12	7	-	35	6	-	4	-
FRONT-END LOADERS-----	-	3	1	-	15	3	-	2	2	-	-	-	-	5	1	-	1	-
ALL OTHER POWERED HAULAGE-----	4	257	53	-	9	6	-	6	1	-	5	4	-	7	2	-	11	1
HOISTING-----	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	4	-	-	2	-	-	-	-	-	-	-	-	1	-	-	-	-
IMPOUNDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INUNDATION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINERY-----	3	270	135	2	65	41	-	8	13	-	24	14	-	53	23	-	26	25
DOZER-----	-	1	-	2	23	14	-	1	-	-	-	-	-	11	-	-	1	-
DRIILL-----	-	1	-	-	3	1	-	-	-	-	1	-	-	4	1	-	-	-
ALL OTHER MACHINERY-----	3	268	135	-	39	26	-	7	13	-	23	14	-	38	22	-	25	25
SLIPS OR FALLS OF PERSON-----	-	406	52	-	180	42	1	65	12	-	49	14	-	91	26	-	82	19
STEPPING OR KNEELING ON OBJECT-----	-	62	6	-	16	-	-	-	1	-	8	1	-	9	-	-	10	3
STRIKING OR BUMPING-----	-	33	34	-	-	1	-	1	3	-	-	2	-	2	4	-	-	3
OTHER-----	-	31	1	1	10	5	-	3	2	-	2	3	-	9	7	-	15	5
TOTAL-----	12	2,204	1,024	5	508	224	1	159	109	3	188	126	1	336	162	1	288	156

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

JANUARY - DECEMBER, 2008 - 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	2	-	1	3	-	3	2
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODING VESSELS UNDER PRESSURE-----	-	-	-	-	-	1	-	-	1	-	-	-	-	1	2	-	4	3	-	7	-
EXPLOSIVES AND BREAKING AGENTS-----	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	-	-	-	-	-	1	-	-	-	1	4	-	-	3	2	-	-	1
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-
FALL OF ROOF (UNDER- GROUND MINES ONLY)-----	-	8	1	-	-	-	-	-	-	1	6	-	-	-	-	-	-	-	-	-	-
FIRE-----	-	-	-	-	-	-	-	1	-	-	-	-	-	3	1	-	4	1	-	2	2
HANDLING MATERIAL-----	-	32	21	-	28	13	-	127	45	-	10	3	-	212	114	1	349	150	-	196	92
HAND TOOLS-----	-	16	11	-	6	5	-	21	25	-	3	6	-	71	67	-	125	106	-	61	61
NONPOWERED HAULAGE-----	-	1	-	-	-	-	-	1	-	-	-	1	-	3	3	-	7	1	-	4	1
POWERED HAULAGE-----	1	18	5	-	7	4	-	18	5	1	7	6	1	65	12	-	62	19	1	50	15
HAULAGE TRUCKS-----	-	1	-	-	2	1	-	-	-	-	2	1	1	25	5	-	14	3	1	14	7
FRONT-END LOADERS-----	-	-	-	-	1	-	-	3	1	1	1	2	-	22	5	-	15	7	-	13	5
ALL OTHER POWERED HAULAGE-----	1	17	5	-	4	3	-	15	4	-	4	3	-	18	2	-	33	9	-	23	3
HOISTING-----	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	2	-
IMPOUNDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INUNDATION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINERY-----	-	12	8	-	7	11	-	23	16	-	3	1	-	60	38	-	104	71	1	53	42
DOZER-----	-	-	-	-	-	1	-	-	-	-	-	-	-	4	2	-	1	2	-	4	2
DRI LL-----	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	1	-
ALL OTHER MACHINERY--	-	12	8	-	7	10	-	23	16	-	3	-	-	54	36	-	103	69	1	48	40
SLIPS OR FALLS OF PERSON-----	-	34	3	-	22	4	-	92	18	-	9	7	1	169	50	1	218	55	-	136	42
STEPPING OR KNEELING ON OBJECT-----	-	5	-	-	1	2	-	5	-	-	3	2	-	19	3	-	20	2	-	17	3
STRIKING OR BUMPING-----	-	2	1	-	1	-	-	2	4	-	-	-	-	4	1	-	8	3	-	6	8
OTHER-----	-	4	-	-	4	3	-	5	6	-	1	-	-	23	17	-	36	29	1	13	12
TOTAL-----	1	134	50	-	76	44	1	297	121	2	45	26	3	637	310	2	944	445	3	550	281

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, 2008

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)
BITUMINOUS COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	3		168		41		212				
SURFACE-----	-		50		11		61				
TOTAL, UNDERGROUND MINES--	3		218		52		273				
SURFACE MINES:											
STRIP MINES-----	6		173		86		265				
AUGER MINES-----	-		1		-		1				
OTHER SURFACE MINES-----	-		2		-		2				
TOTAL, SURFACE MINES-----	6		176		86		268				
TOTAL, PRODUCTION MINING--	9		394		138		541				
PREPARATION PLANTS-----	3		83		30		116				
INDEPENDENT SHOPS/YARDS-----	-		2		-		2				
TOTAL, OTHER OPERATIONS---	3		85		30		118				
TOTAL, BITUMINOUS MINING--	12		479		168		659				
PENNSYLVANIA ANTHRACITE COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	-		-		-		-				
SURFACE-----	-		-		-		-				
TOTAL, UNDERGROUND MINES--	-		-		-		-				
SURFACE MINES:											
STRIP MINES-----	-		-		-		-				
CULM BANK-----	-		-		-		-				
DREDGE-----	-		-		-		-				
TOTAL, SURFACE MINES-----	-		-		-		-				
TOTAL, PRODUCTION MINING--	-		-		-		-				
PREPARATION PLANTS-----	-		2		2		4				
INDEPENDENT SHOPS/YARDS-----	-		-		-		-				
TOTAL, OTHER OPERATIONS---	-		2		2		4				
TOTAL, ANTHRACITE MINING--	-		2		2		4				
ALL COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	3	.07	168	4.09	41	1.00	212	5.16	6,262	8,210,232	201,675
SURFACE-----	-		50	1.43	11	.32	61	1.75	7,325	6,980,138	-
TOTAL, UNDERGROUND MINES--	3	.04	218	2.87	52	.68	273	3.59	13,587	15,190,370	201,675
SURFACE MINES:											
STRIP MINES-----	6	.05	173	1.51	86	.75	265	2.31	18,075	22,912,573	440,276
AUGER MINES-----	-		1	2.05	-		1	2.05	217	97,695	15,818
CULM BANK-----	-		2	.59	-		2	.59	701	679,190	25,543
DREDGE-----	-		-		-		-		69	29,728	-
TOTAL, SURFACE MINES-----	6	.05	176	1.48	86	.73	268	2.26	19,062	23,719,186	481,637
TOTAL, PRODUCTION MINING--	9	.05	394	2.03	138	.71	541	2.78	32,649	38,909,556	683,312
PREPARATION PLANTS-----	3	.06	85	1.66	32	.62	120	2.34	8,537	10,251,294	-
INDEPENDENT SHOPS/YARDS-----	-		2	.82	-		2	.82	437	490,728	-
TOTAL, OTHER OPERATIONS---	3	.06	87	1.62	32	.60	122	2.27	8,974	10,742,022	-
TOTAL, ALL COAL-----	12	.05	481	1.94	170	.68	663	2.67	41,623	49,651,578	683,312
OFFICEWORKERS:											
BITUMINOUS-----	-		4		1		5				
ANTHRACITE-----	-		-		-		-				
TOTAL, OFFICEWORKERS-----	-		4	.27	1	.07	5	.33	2,149	2,991,143	-
GRAND TOTAL-----	12	.05	485	1.84	171	.65	668	2.54	43,772	52,642,721	683,312

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

JANUARY - DECEMBER, 2008

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-----	-		48		43		91			
NONMETAL-----	-		11		10		21			
STONE-----	1		1		1		3			
TOTAL, UNDERGROUND MINES--	1	.03	60	1.90	54	1.71	115	3.65	7,712	6,308,381
SURFACE MINES:										
METAL-----	-		121		61		182			
NONMETAL-----	-		19		13		32			
STONE-----	-		88		51		139			
SUBTOTAL, SURFACE MINES--	-		228		125		353			
SAND AND GRAVEL-----	1		14		12		27			
TOTAL, SURFACE MINES-----	1	(*)	242	1.09	137	.62	380	1.71	43,507	44,449,455
TOTAL, MINES-----	2	.01	302	1.19	191	.75	495	1.95	51,219	50,757,836
MI LLS:										
METAL-----	2		51		48		101			
NONMETAL-----	-		25		15		40			
STONE-----	1		123		98		222			
TOTAL, MI LLS-----	3	.02	199	1.59	161	1.28	363	2.89	20,977	25,108,367
INDEPENDENT SHOPS AND YARDS:										
METAL-----	-		-		-		-			
NONMETAL-----	-		-		-		-			
STONE-----	-		-		-		-			
TOTAL, SHOPS AND YARDS---	-		-		-		-		49	36,440
ALL MINES, MI LLS AND SHOPS:										
METAL-----	2		220		152		374			
NONMETAL-----	-		55		38		93			
STONE-----	2		212		150		364			
SUBTOTAL-----	4		487		340		831			
SAND AND GRAVEL-----	1		14		12		27			
TOTAL, MINES/MI LLS/SHOPS--	5	.01	501	1.32	352	.93	858	2.26	72,245	75,902,643
OFFICEWORKERS:										
METAL-----	-		4		1		5			
NONMETAL-----	-		1		-		1			
STONE-----	1		1		6		8			
SAND AND GRAVEL-----	-		-		-		-			
TOTAL, OFFICEWORKERS-----	1	.05	6	.28	7	.33	14	.66	3,206	4,269,309
SUMMARY TOTAL (INCLUDES OFFICEWORKERS):										
METAL-----	2		224		153		379			
NONMETAL-----	-		56		38		94			
STONE-----	3		213		156		372			
SUBTOTAL-----	5		493		347		845			
SAND AND GRAVEL-----	1		14		12		27			
GRAND TOTAL-----	6	.01	507	1.26	359	.90	872	2.18	75,451	80,171,952

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

JANUARY - DECEMBER, 2008

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-----																	
SAND AND GRAVEL--								3		3					8	2	
TOTAL-----								3		3					8	2	
COAL-----		6					1	5							6	3	
ALASKA																	
METAL-----		3	3					2		8					5		
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		3	3					2		8					5		
COAL-----																	
ARI ZONA																	
METAL-----		1	4					57		30				1	19	18	
NONMETAL-----								1		2							
STONE-----								5		1				3	5		
SAND AND GRAVEL--								3									
TOTAL-----		1	4					66		33				1	22	23	
COAL-----								2									
ARKANSAS																	
METAL-----																	
NONMETAL-----																	
STONE-----								1		6				5	9		
SAND AND GRAVEL--								7									
TOTAL-----								8		6				5	9		
COAL-----																	
CALIFORNIA																	
METAL-----																	
NONMETAL-----								1							1	4	
STONE-----								1		2				1	4		
SAND AND GRAVEL--								2		1				14	4		
TOTAL-----								4		3				1	20	9	
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, 2008 - 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-----		12	4				5	1					3	3			
NONMETAL-----							1	1					1	3			
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		12	4				6	2					4	6			
COAL-----		16	11				1							1			
DELAWARE																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--							1										
TOTAL-----							1										
COAL-----																	
FLORIDA																	
METAL-----																	
NONMETAL-----							9	7					3	1			
STONE-----							4						4	5			
SAND AND GRAVEL--																	
TOTAL-----							13	7					7	6			
COAL-----																	
GEORGIA																	
METAL-----							3	1					6	2			
NONMETAL-----							5	3					2				
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----							8	4					8	2			
COAL-----																	
HAWAII																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--							1										
TOTAL-----							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, 2008 - 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		
IDAHO																	
METAL-----		5	5				1										
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		5	5				1										
COAL-----																	
ILLINOIS																	
METAL-----																	
NONMETAL-----							2						2	2			
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----							2						2	2			
COAL-----		7	4				2										
INDIANA																	
METAL-----																	
NONMETAL-----							3										
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----							3										
COAL-----		3	1										4				
IOWA																	
METAL-----																	
NONMETAL-----			1					1	1				1				
STONE-----							1										
SAND AND GRAVEL--																	
TOTAL-----			1				2	1					1				
COAL-----																	
KANSAS																	
METAL-----																	
NONMETAL-----																	
STONE-----							1						2	1			
SAND AND GRAVEL--																	
TOTAL-----							1						2	1			
COAL-----																	

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

JANUARY - DECEMBER, 2008 - 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		
KENTUCKY																	
METAL-----																	
NONMETAL-----		1					1							2	1		
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		1					1							2	1		
COAL-----		41	10				3	25	9				1	9	4		
LOUISIANA																	
METAL-----																	
NONMETAL-----		1	1											2			
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		1	1											2			
COAL-----								1	1								
MARYLAND																	
METAL-----																	
NONMETAL-----								2						2	2		
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----								2						2	2		
COAL-----								3							1		
MASSACHUSETTS																	
METAL-----																	
NONMETAL-----								1	1								
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----								1	1								
COAL-----																	
MICHIGAN																	
METAL-----																	
NONMETAL-----								1						2	2		
STONE-----														3	2		
SAND AND GRAVEL--									1								
TOTAL-----								1	1					5	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, 2008 - 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		
MINNESOTA																	
METAL-----																	
NONMETAL-----								3						5	5		
STONE-----																	
SAND AND GRAVEL--										1							
TOTAL-----								3		1				5	5		
COAL-----																	
MISSISSIPPI																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----										1							
MISSOURI																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
MISSOURI																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
MISSOURI																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
MONTANA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
MONTANA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
MONTANA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
MONTANA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
NEBRASKA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
NEBRASKA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
NEBRASKA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
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, 2008 - 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		
NEVADA																	
METAL-----		9	13				26	15					9	3			
NONMETAL-----							2	1					1				
STONE-----							1										
SAND AND GRAVEL--							2										
TOTAL-----		9	13				31	16					10	3			
COAL-----																	
NEW MEXICO																	
METAL-----		3	1				24	4					4	1			
NONMETAL-----		2	2														
STONE-----																	
SAND AND GRAVEL--							1										
TOTAL-----		5	3				25	4					4	1			
COAL-----		3					5	1									
NEW YORK																	
METAL-----		2	1														
NONMETAL-----			1														
STONE-----							1										
SAND AND GRAVEL--																	
TOTAL-----		2	2				1										
COAL-----																	
NORTH CAROLINA																	
METAL-----																	
NONMETAL-----							1						3	4			
STONE-----							2	1					1				
SAND AND GRAVEL--																	
TOTAL-----							3	1					4	4			
COAL-----																	
NORTH DAKOTA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----							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, 2008 - 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		
OHIO																	
METAL-----																	
NONMETAL-----		1												1	1		
STONE-----								4		1							
SAND AND GRAVEL--																	
TOTAL-----		1						4		1				1	1		
COAL-----		3	1											3	1		
OKLAHOMA																	
METAL-----																	
NONMETAL-----																	
STONE-----								1		1				4	4		
SAND AND GRAVEL--								1									
TOTAL-----								2		1				4	4		
COAL-----																	
OREGON																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
OREGON																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
PENNSYLVANIA																	
METAL-----																	
NONMETAL-----																	
STONE-----	1				1									12	8		
SAND AND GRAVEL--																	
TOTAL-----	1				1									12	8		
COAL-ANTHRACITE--																	
BITUMINOUS--	1	28	4											1	2	2	
TOTAL-----																	
COAL-----																	
SOUTH CAROLINA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
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, 2008 - 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 DAKOTA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--								1							1		
TOTAL-----								1							1		
COAL-----																	
TENNESSEE																	
METAL-----		3	2														
NONMETAL-----																	
STONE-----								1	2						1	3	
SAND AND GRAVEL--																	
TOTAL-----		3	2					1	2						1	3	
COAL-----																	
TEXAS																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--								11	3						4	1	
TOTAL-----								2	4						13	12	
COAL-----								13	7						20	13	
UTAH																	
METAL-----		5	5														
NONMETAL-----																	
STONE-----								1	3						1	5	
SAND AND GRAVEL--								1	1						5	5	
TOTAL-----		5	5					2	6						1	6	
COAL-----		1	1												2		
VERMONT																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--															1	1	
TOTAL-----															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, 2008 - 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-----		48	43				121	61					2	51	48		
NONMETAL-----		11	10				19	13					1	25	15		
STONE-----	1	1	1				88	51					1	123	98		
SAND AND GRAVEL--							14	12									
TOTAL-----	1	60	54	7,712	6,308,381		1	242	137	43,556	44,485,895		3	199	161	20,977	25,108,367
COAL-----	3	218	52	13,587	15,190,370	201,675	6	178	86	19,499	24,209,914	481,637	3	85	32	8,537	10,251,294

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

JANUARY - DECEMBER, 2008

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-----	-	2	-	-	-	2	1	-	-	-	1	-	-	2	-	-	-	1
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODI NG VESSELS	-	-	-	-	2	-	-	-	-	-	-	-	-	-	1	-	1	-
UNDER PRESSURE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLOSI VES AND BREAKI NG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AGENTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALLI NG, ROLLI NG, OR	-	2	1	-	-	-	-	1	1	-	-	1	-	-	-	-	-	-
SLI DI NG MATERI AL-----	-	5	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
FALL OF FACE, RI B, SI DE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OR HI GHWALL-----	-	19	7	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
FALL OF ROOF (UNDER-	-	19	7	-	-	-	-	-	-	-	-	4	3	-	-	-	-	-
GROUND MI NES ONLY)----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FIRE-----	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	1	-
HANDLI NG MATERI AL-----	-	57	14	-	52	25	-	22	6	-	10	13	-	41	21	-	20	19
HAND TOOLS-----	-	16	12	-	17	17	-	6	6	-	5	3	-	14	15	-	4	8
NONPOWERED HAULAGE-----	-	-	-	-	-	-	-	2	-	-	1	-	-	2	-	-	1	1
POWERED HAULAGE-----	3	37	1	2	15	6	-	9	3	-	5	1	-	8	4	-	3	1
HAULAGE TRUCKS-----	-	7	-	2	15	5	-	6	3	-	1	-	-	5	3	-	2	1
FRONT-END LOADERS-----	-	2	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-
ALL OTHER POWERED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAULAGE-----	3	28	1	-	-	1	-	2	-	-	3	1	-	3	1	-	1	-
HOI STI NG-----	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
I GNI TI ON OR EXPLOSI ON	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
OF GAS OR DUST-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I MPOUNDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I NUNDATI ON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHI NERY-----	-	19	3	3	23	14	2	5	6	-	8	12	-	19	13	-	8	12
DOZER-----	-	-	-	2	3	1	1	-	-	-	-	-	-	3	-	-	-	-
DRI LL-----	-	-	-	-	1	-	-	-	-	-	1	-	-	3	1	-	-	-
ALL OTHER MACHI NERY--	-	19	3	1	19	13	1	5	6	-	7	12	-	13	12	-	8	12
SLI PS OR FALLS OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PERSON-----	-	53	10	-	62	14	-	32	7	-	10	6	-	26	6	1	10	3
STEPPI NG OR KNEELI NG	-	-	-	-	1	-	-	3	-	-	1	-	-	3	-	-	1	2
ON OBJECT-----	-	5	-	-	1	-	-	-	-	-	1	-	-	3	-	-	1	2
STRI KI NG OR BUMPI NG----	-	-	1	-	1	1	-	-	-	-	-	2	-	-	-	-	-	-
OTHER-----	-	3	1	1	2	7	-	4	3	-	2	-	-	6	1	-	2	1
TOTAL-----	3	218	52	6	178	86	3	85	32	-	48	43	-	121	61	2	51	48

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

JANUARY - DECEMBER, 2008 - 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	-	-	3	-	-	-	-	-
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODING VESSELS UNDER PRESSURE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-
EXPLOSIVES AND BREAKING AGENTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
FALL OF ROOF (UNDER- GROUND MINES ONLY)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLING MATERIAL-----	-	1	5	-	6	5	-	7	6	-	-	1	-	34	12	-	47	36	-	-	3	4
HAND TOOLS-----	-	1	1	-	1	2	-	2	3	-	-	-	-	4	7	-	9	16	-	-	-	1
NONPOWERED HAULAGE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	1	-	-	-	-
POWERED HAULAGE-----	-	3	1	-	4	-	-	5	1	-	-	-	-	10	3	-	7	2	-	-	4	2
HAULAGE TRUCKS-----	-	-	-	-	4	-	-	1	-	-	-	-	-	7	1	-	1	-	-	-	3	1
FRONT-END LOADERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	1
ALL OTHER POWERED HAULAGE-----	-	3	1	-	-	-	-	4	1	-	-	-	-	2	1	-	6	2	-	-	-	-
HOISTING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IMPOUNDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INUNDATION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINERY-----	-	2	1	-	2	2	-	2	2	1	-	-	-	12	15	-	9	20	-	-	1	2
DOZER-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
DRI LL-----	-	-	-	-	1	-	-	-	-	-	-	-	-	3	4	-	-	-	-	-	-	-
ALL OTHER MACHINERY--	-	2	1	-	1	2	-	2	2	1	-	-	-	8	11	-	9	20	-	-	1	2
SLIPS OR FALLS OF PERSON-----	-	4	1	-	6	4	-	8	2	-	1	-	-	23	8	1	37	11	-	-	7	3
STEPPING OR KNEELING ON OBJECT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	3	1	-	-	-	-
STRIKING OR BUMPING-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1	3	-	-	-	-
OTHER-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3	6	-	-	-	-
TOTAL-----	-	11	10	-	19	13	-	25	15	1	1	1	-	88	51	1	123	98	1	14	12	