

Mine Injury and Worktime, Quarterly

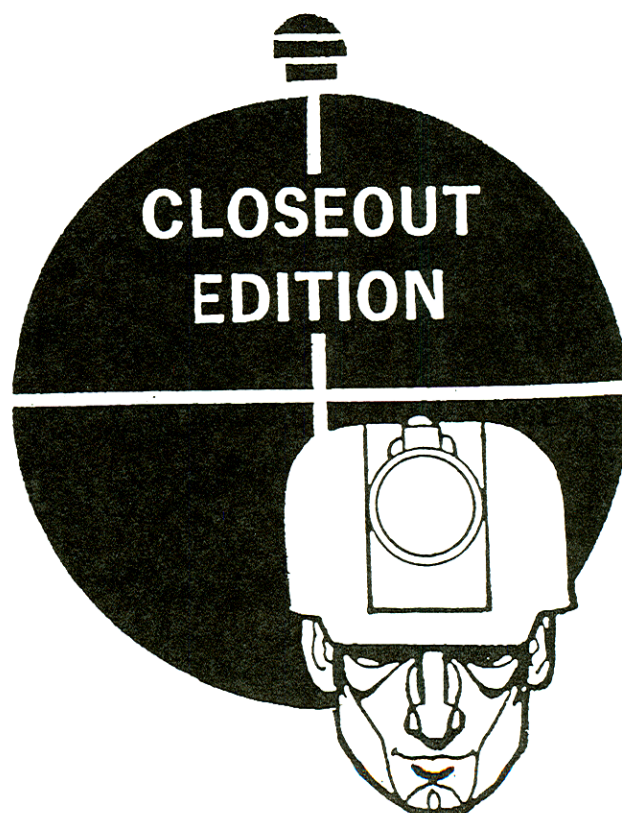


U.S. Department of Labor
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Mine Safety and Health Administration
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This publication has been reviewed and approved for distribution to the mining public by the Office of the Assistant Secretary for Mine 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,
2007, 2008 and 2009

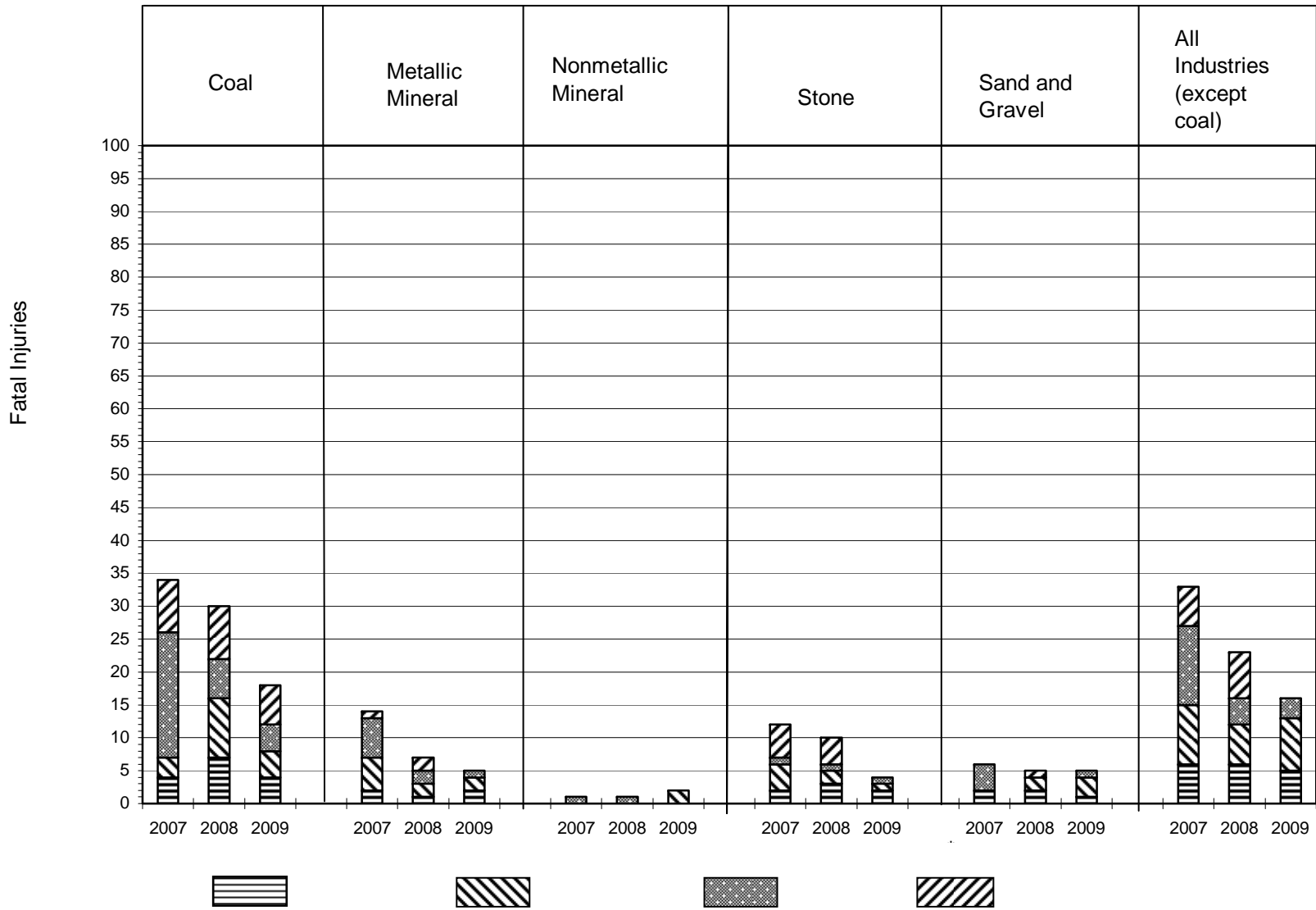


TABLE 1. NUMBER OF OPERATOR INJURIES, INJURY-INCIDENCE RATES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS, AND PRODUCTION BY TYPE OF COAL MINED AND WORK LOCATION

JANUARY - DECEMBER, 2009

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-----	6	.01	1,936	4.29	803	1.78	2,745	6.09	41,188	90,215,029	331,879,181
SURFACE-----	-	-	99	3.19	56	1.80	155	4.99	3,003	6,212,276	-
TOTAL, UNDERGROUND MINES--	6	.01	2,035	4.22	859	1.78	2,900	6.01	44,191	96,427,305	331,879,181
SURFACE MINES:											
STRIP MINES-----	4	.01	437	1.27	200	.58	641	1.86	32,330	68,929,909	732,425,156
AUGER MINES-----	-	-	12	2.26	9	1.69	21	3.95	680	1,062,943	6,091,953
OTHER SURFACE MINES-----	-	-	4	1.32	7	2.31	11	3.63	348	605,279	2,497,474
TOTAL, SURFACE MINES-----	4	.01	453	1.28	216	.61	673	1.91	33,358	70,598,131	741,014,583
TOTAL, PRODUCTION MINING--	10	.01	2,488	2.98	1,075	1.29	3,573	4.28	77,549	167,025,436	1,072,893,764
PREPARATION PLANTS-----	-	-	151	1.70	86	.97	237	2.67	7,994	17,738,394	-
INDEPENDENT SHOPS/YARDS-----	-	-	8	1.61	6	1.21	14	2.81	434	995,576	-
TOTAL, OTHER OPERATIONS--	-	-	159	1.70	92	.98	251	2.68	8,428	18,733,970	-
TOTAL, BITUMINOUS MINING--	10	.01	2,647	2.85	1,167	1.26	3,824	4.12	85,977	185,759,406	1,072,893,764
PENNSYLVANIA ANTHRACITE COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	-	-	7	10.70	-	-	7	10.70	74	130,881	176,241
SURFACE-----	-	-	-	-	-	-	-	-	20	29,186	-
TOTAL, UNDERGROUND MINES--	-	-	7	8.75	-	-	7	8.75	94	160,067	176,241
SURFACE MINES:											
STRIP MINES-----	-	-	22	5.50	-	-	22	5.50	450	800,447	1,554,877
CULM BANK-----	-	-	3	1.90	-	-	3	1.90	174	316,335	190,076
DREDGE-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, SURFACE MINES-----	-	-	25	4.48	-	-	25	4.48	624	1,116,782	1,744,953
TOTAL, PRODUCTION MINING--	-	-	32	5.01	-	-	32	5.01	718	1,276,849	1,921,194
PREPARATION PLANTS-----	-	-	21	5.90	8	2.25	29	8.15	349	711,856	-
INDEPENDENT SHOPS/YARDS-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, OTHER OPERATIONS--	-	-	21	5.90	8	2.25	29	8.15	349	711,856	-
TOTAL, ANTHRACITE MINING--	-	-	53	5.33	8	.80	61	6.13	1,067	1,988,705	1,921,194
ALL COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	6	.01	1,943	4.30	803	1.78	2,752	6.09	41,262	90,345,910	332,055,422
SURFACE-----	-	-	99	3.17	56	1.79	155	4.97	3,023	6,241,462	-
TOTAL, UNDERGROUND MINES--	6	.01	2,042	4.23	859	1.78	2,907	6.02	44,285	96,587,372	332,055,422
SURFACE MINES:											
STRIP MINES-----	4	.01	459	1.32	200	.57	663	1.90	32,780	69,730,356	733,980,033
AUGER MINES-----	-	-	12	2.26	9	1.69	21	3.95	680	1,062,943	6,091,953
CULM BANK-----	-	-	3	.70	4	.94	7	1.64	481	851,166	1,735,820
DREDGE-----	-	-	4	11.36	3	8.52	7	19.87	41	70,448	951,730
TOTAL, SURFACE MINES-----	4	.01	478	1.33	216	.60	698	1.95	33,982	71,714,913	742,759,536
TOTAL, PRODUCTION MINING--	10	.01	2,520	2.99	1,075	1.28	3,605	4.28	78,267	168,302,285	1,074,814,958
PREPARATION PLANTS-----	-	-	172	1.86	94	1.02	266	2.88	8,343	18,450,250	-
INDEPENDENT SHOPS/YARDS-----	-	-	8	1.61	6	1.21	14	2.81	434	995,576	-
TOTAL, OTHER OPERATIONS--	-	-	180	1.85	100	1.03	280	2.88	8,777	19,445,826	-
TOTAL, ALL COAL-----	10	.01	2,700	2.88	1,175	1.25	3,885	4.14	87,044	187,748,111	1,074,814,958
OFFICEWORKERS:											
BITUMINOUS	-	-	3	.08	5	.14	8	.22	3,692	7,161,048	-
ANTHRACITE	-	-	-	-	-	-	-	-	149	251,700	-
TOTAL, OFFICEWORKERS-----	-	-	3	.08	5	.13	8	.22	3,841	7,412,748	-
GRAND TOTAL-----	10	.01	2,703	2.77	1,180	1.21	3,893	3.99	90,885	195,160,859	1,074,814,958

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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, 2009

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-----	1	.02	132	2.44	93	1.72	226	4.18	5,623	10,808,322
NONMETAL-----	1	.03	115	3.73	42	1.36	158	5.13	3,019	6,158,023
STONE-----	-	-	52	2.34	22	.99	74	3.33	2,212	4,445,007
TOTAL, UNDERGROUND MINES--	2	.02	299	2.79	157	1.47	458	4.28	10,854	21,411,352
SURFACE MINES:										
METAL-----	2	.02	212	1.71	96	.77	310	2.50	11,884	24,817,040
NONMETAL-----	-	-	63	1.63	40	1.03	103	2.66	4,260	7,744,482
STONE-----	2	.01	487	1.99	252	1.03	741	3.03	28,520	48,970,956
SUBTOTAL, SURFACE MINES--	4	.01	762	1.87	388	.95	1,154	2.83	44,664	81,532,478
SAND AND GRAVEL-----	3	.01	371	1.57	211	.89	585	2.47	30,813	47,305,536
TOTAL, SURFACE MINES-----	7	.01	1,133	1.76	599	.93	1,739	2.70	75,477	128,838,014
TOTAL, MINES-----	9	.01	1,432	1.91	756	1.01	2,197	2.92	86,331	150,249,366
MILLS:										
METAL-----	-	-	211	1.86	115	1.02	326	2.88	11,038	22,635,207
NONMETAL-----	-	-	209	2.01	80	.77	289	2.78	10,368	20,787,257
STONE-----	1	(*)	731	2.69	364	1.34	1,096	4.03	28,342	54,434,299
TOTAL, MILLS-----	1	(*)	1,151	2.35	559	1.14	1,711	3.50	49,748	97,856,763
INDEPENDENT SHOPS AND YARDS:										
METAL-----	-	-	1	.62	1	.62	2	1.23	165	323,967
NONMETAL-----	-	-	-	-	-	-	-	-	-	-
STONE-----	-	-	3	1.45	3	1.45	6	2.89	250	414,890
TOTAL, SHOPS AND YARDS---	-	-	4	1.08	4	1.08	8	2.17	415	738,857
ALL MINES, MILLS AND SHOPS:										
METAL-----	3	.01	556	1.90	305	1.04	864	2.95	28,710	58,584,536
NONMETAL-----	1	.01	387	2.23	162	.93	550	3.17	17,647	34,689,762
STONE-----	3	.01	1,273	2.35	641	1.18	1,917	3.54	59,324	108,265,152
SUBTOTAL-----	7	.01	2,216	2.20	1,108	1.10	3,331	3.31	105,681	201,539,450
SAND AND GRAVEL-----	3	.01	371	1.57	211	.89	585	2.47	30,813	47,305,536
TOTAL, MINES/MILLS/SHOPS--	10	.01	2,587	2.08	1,319	1.06	3,916	3.15	136,494	248,844,986
OFFICEWORKERS:										
METAL-----	-	-	2	.05	2	.05	4	.10	4,192	7,962,189
NONMETAL-----	-	-	1	.03	3	.10	4	.13	3,383	6,130,376
STONE-----	-	-	10	.10	7	.07	17	.17	10,937	19,459,168
SAND AND GRAVEL-----	-	-	7	.18	1	.03	8	.20	6,697	7,900,008
TOTAL, OFFICEWORKERS-----	-	-	20	.10	13	.06	33	.16	25,209	41,451,741
SUMMARY TOTAL (INCLUDES OFFICEWORKERS):										
METAL-----	3	.01	558	1.68	307	.92	868	2.61	32,902	66,546,725
NONMETAL-----	1	(*)	388	1.90	165	.81	554	2.71	21,030	40,820,138
STONE-----	3	(*)	1,283	2.01	648	1.01	1,934	3.03	70,261	127,724,320
SUBTOTAL-----	7	.01	2,229	1.90	1,120	.95	3,356	2.86	124,193	235,091,183
SAND AND GRAVEL-----	3	.01	378	1.37	212	.77	593	2.15	37,510	55,205,544
GRAND TOTAL-----	10	.01	2,607	1.80	1,332	.92	3,949	2.72	161,703	290,296,727

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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, 2009

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-----	-	-	-	-	-	-	-	-	-	-	-	-	18	39,419			
NONMETAL-----	-	-	-	-	-	-	1	-	59	70,005	-	-	177	337,724			
STONE-----	-	1	-	8	15,380	-	22	4	807	1,613,517	-	-	1,526	3,077,446			
SAND AND GRAVEL--	-	-	-	-	-	-	2	2	456	833,337	-	-	-	-			
TOTAL-----	-	1	-	8	15,380	-	25	6	1,322	2,516,859	-	-	-	-			
COAL-----	1	161	50	2,324	5,291,530	11,504,736	2	37	8	1,503	3,155,398	7,666,632	-	8	3	425	957,512
ALASKA																	
METAL-----	-	8	9	481	1,036,945	-	-	13	6	542	1,272,242	-	-	5	10	342	940,587
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE-----	-	-	-	-	-	-	-	1	1	131	126,364	-	-	-	-	3	681
SAND AND GRAVEL--	-	-	-	-	-	-	-	3	2	432	343,438	-	-	-	-	-	-
TOTAL-----	-	8	9	481	1,036,945	-	-	17	9	1,105	1,742,044	-	-	5	10	345	941,268
COAL-----	-	-	-	-	-	-	-	2	-	100	239,425	1,860,363	-	-	-	5	13,042
ARI ZONA																	
METAL-----	-	1	-	71	104,556	-	1	92	31	3,470	6,896,987	-	-	60	23	2,772	5,594,818
NONMETAL-----	-	-	-	2	2,624	-	-	1	1	105	168,819	-	-	-	-	33	59,427
STONE-----	-	-	-	-	-	-	-	6	5	556	864,408	-	-	-	-	256	483,709
SAND AND GRAVEL--	-	-	-	-	-	-	-	15	9	1,470	2,109,646	-	-	5	1	-	-
TOTAL-----	-	1	-	73	107,180	-	1	114	46	5,601	10,039,860	-	-	66	24	3,061	6,137,954
COAL-----	-	-	-	-	-	-	-	-	1	334	790,862	7,474,029	-	-	-	79	184,487
ARKANSAS																	
METAL-----	-	-	-	-	-	-	-	-	-	46	61,537	-	-	7	3	363	711,709
NONMETAL-----	-	-	-	-	-	-	-	-	-	73	90,215	-	-	-	-	15	27,363
STONE-----	-	-	-	17	33,920	-	-	8	5	878	1,492,121	-	-	13	6	538	1,078,297
SAND AND GRAVEL--	-	-	-	-	-	-	-	5	-	349	691,169	-	-	-	-	-	-
TOTAL-----	-	-	-	17	33,920	-	-	13	5	1,346	2,335,042	-	-	20	9	916	1,817,369
COAL-----	-	-	-	11	23,692	3,980	-	-	-	2	2,501	658	-	-	-	3	2,469
CALIFORNIA																	
METAL-----	-	-	-	22	15,411	-	-	5	2	248	523,645	-	-	-	1	165	357,708
NONMETAL-----	-	1	-	12	10,918	-	-	4	9	336	568,263	-	-	19	4	712	1,306,759
STONE-----	-	-	-	-	-	-	-	22	12	1,026	1,694,652	-	-	-	16	1,334	2,485,421
SAND AND GRAVEL--	-	-	-	-	-	-	1	47	16	2,772	4,721,587	-	-	-	-	-	-
TOTAL-----	-	1	-	34	26,329	-	1	78	39	4,382	7,508,147	-	-	67	21	2,211	4,149,888
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, 2009 - 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-----	-	-	-	-	-	-	8	-	225	417,048	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	113	80,094	-	-	-	72	142,594	-	
TOTAL-----	-	-	-	-	-	-	8	-	338	497,142	-	-	-	72	142,594	-	
COAL-----																	
IDAHO																	
METAL-----	-	13	17	385	605,267	-	15	3	211	424,782	-	2	2	176	318,928	-	
NONMETAL-----	-	-	-	-	-	-	1	5	361	729,288	-	2	-	104	169,277	-	
STONE-----	-	-	-	-	-	-	2	2	291	335,751	-	4	1	54	90,259	-	
SAND AND GRAVEL--	-	-	-	-	-	-	3	2	618	686,954	-	-	-	-	-	-	
TOTAL-----	-	13	17	385	605,267	-	21	12	1,481	2,176,775	-	8	3	334	578,464	-	
COAL-----																	
ILLINOIS																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	16	29,086	
NONMETAL-----	-	-	-	-	-	-	-	-	11	19,630	-	5	-	93	188,211	-	
STONE-----	-	5	3	213	483,679	-	14	13	760	1,468,909	-	19	14	1,091	2,112,938	-	
SAND AND GRAVEL--	-	-	-	-	-	-	3	3	495	849,581	-	-	-	-	-	-	
TOTAL-----	-	5	3	213	483,679	-	17	16	1,266	2,338,120	-	25	14	1,200	2,330,235	-	
COAL-----	-	159	73	2,790	6,290,188	28,406,603	-	3	3	463	1,053,087	5,614,573	-	12	4	342	701,741
INDIANA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	42	89,571	-	-	-	21	21,952	-	-	-	44	100,824	-	
STONE-----	-	1	-	117	220,837	-	-	6	605	1,122,109	-	-	31	1,180	2,360,781	-	
SAND AND GRAVEL--	-	-	-	-	-	-	11	5	561	1,019,988	-	-	-	-	-	-	
TOTAL-----	-	1	-	159	310,408	-	-	11	1,187	2,164,049	-	-	33	21	1,224	2,461,605	
COAL-----	-	60	31	1,430	3,590,373	12,797,413	-	24	7	1,455	3,591,227	23,453,570	-	9	2	502	1,172,782
IOWA																	
METAL-----	-	-	-	-	-	-	-	-	19	23,644	-	-	-	-	-	-	
NONMETAL-----	-	4	5	88	182,010	-	-	-	48	64,028	-	-	-	58	90,983	-	
STONE-----	-	3	3	233	475,469	-	-	7	998	1,714,520	-	-	15	506	1,016,946	-	
SAND AND GRAVEL--	-	-	-	-	-	-	1	9	518	744,547	-	-	-	-	-	-	
TOTAL-----	-	7	8	321	657,479	-	1	27	1,583	2,546,739	-	-	15	10	564	1,107,929	
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, 2009 - 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-----	-	8	6	95	222,832	-	1	1	26	37,608	-	4	3	103	212,587	-	
STONE-----	-	-	-	19	44,367	-	9	4	710	1,228,748	-	13	5	366	676,276	-	
SAND AND GRAVEL--	-	-	-	-	-	-	6	4	303	468,255	-	-	-	-	-	-	
TOTAL-----	-	8	6	114	267,199	-	16	9	1,039	1,734,611	-	-	-	469	888,863	-	
COAL-----	-	-	-	-	-	-	-	-	31	77,458	184,812	-	-	-	-	-	
KENTUCKY																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	40	40,242	-	-	-	44	62,694	-	
STONE-----	-	12	2	515	969,756	-	12	8	612	1,218,614	-	1	15	964	1,818,501	-	
SAND AND GRAVEL--	-	-	-	-	-	-	1	-	153	264,594	-	-	-	-	-	-	
TOTAL-----	-	12	2	515	969,756	-	13	8	805	1,523,450	-	1	16	4	1,008	1,881,195	
COAL-----	2	519	291	10,701	23,597,267	63,145,846	1	126	37	6,122	12,691,436	44,218,857	-	34	27	1,998	4,623,590
LOUISIANA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	17	6	327	1,162,082
NONMETAL-----	1	7	6	385	900,829	-	-	-	5	2,366	-	8	1	304	595,648	-	
STONE-----	-	-	-	-	-	-	-	-	9	15,067	-	-	-	14	24,394	-	
SAND AND GRAVEL--	-	-	-	-	-	-	11	3	648	1,236,184	-	-	-	-	-	-	
TOTAL-----	1	7	6	385	900,829	-	11	3	662	1,253,617	-	-	25	7	645	1,782,124	
COAL-----	-	-	-	-	-	-	1	3	252	526,988	3,657,416	-	-	-	3	5,659	
MAINE																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	1	2,211	-	-	-	3	1,049	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	-	1	175	245,250	-	-	2	1	90	172,545	
SAND AND GRAVEL--	-	-	-	-	-	-	4	1	439	532,930	-	-	-	-	-	-	
TOTAL-----	-	-	-	1	2,211	-	4	2	617	779,229	-	-	2	1	90	172,545	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MARYLAND																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	2	180	-	-	-	-	-	-	
STONE-----	-	-	-	7	12,469	-	1	2	260	473,783	-	-	9	8	476	971,399	
SAND AND GRAVEL--	-	-	-	-	-	-	3	2	240	467,369	-	-	-	-	-	-	
TOTAL-----	-	-	-	7	12,469	-	4	4	502	941,332	-	-	9	8	476	971,399	
COAL-----	-	-	-	67	140,569	494,732	-	4	2	287	563,418	1,810,727	-	2	1	48	113,411

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, 2009 - 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-----	-	-	-	-	-	-	-	-	16	-	14,317	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	3	6	344	587,472	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	1	1	310	369,438	-	-	-	240	422,082	-	
TOTAL-----	-	-	-	-	-	-	4	7	670	971,227	-	-	-	240	422,082	-	
COAL-----																	
MI CHIGAN																	
METAL-----	-	-	-	-	-	-	8	5	529	1,058,950	-	-	-	653	1,379,735	-	
NONMETAL-----	-	-	-	32	105,144	-	-	-	24	37,545	-	-	-	1	1,607	-	
STONE-----	-	-	-	-	-	-	6	4	265	475,936	-	-	-	577	1,134,981	-	
SAND AND GRAVEL--	-	-	-	-	-	-	12	5	1,164	1,467,442	-	-	-	-	-	-	
TOTAL-----	-	-	-	32	105,144	-	26	14	1,982	3,039,873	-	-	-	1,231	2,516,323	-	
COAL-----																	
MI NESOTA																	
METAL-----	-	-	-	-	-	-	19	6	1,079	2,091,820	-	-	-	1,222	2,336,277	-	
NONMETAL-----	-	-	-	-	-	-	1	-	5	7,347	-	-	-	21	49,358	-	
STONE-----	-	-	-	-	-	-	4	7	342	500,722	-	-	-	70	141,265	-	
SAND AND GRAVEL--	-	-	-	-	-	-	3	4	1,172	1,225,532	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	27	17	2,598	3,825,421	-	-	-	1,313	2,526,900	-	
COAL-----																	
MI SSI SSI PPI																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	15	18,972	-	-	-	260	551,227	-	
STONE-----	-	-	-	-	-	-	-	-	15	20,414	-	-	-	73	67,790	-	
SAND AND GRAVEL--	-	-	-	-	-	-	11	5	510	970,444	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	11	5	540	1,009,830	-	-	-	333	619,017	-	
COAL-----	-	-	-	-	-	-	-	-	2	193	407,328	3,439,987	-	-	-	-	
MI SSOURI																	
METAL-----	1	14	8	485	1,040,282	-	1	-	13	17,851	-	-	-	107	220,194	-	
NONMETAL-----	-	-	-	-	-	-	-	-	55	81,316	-	-	-	251	533,207	-	
STONE-----	-	7	4	302	591,848	-	18	13	1,330	2,451,810	-	-	-	2,164	4,097,695	-	
SAND AND GRAVEL--	-	-	-	-	-	-	5	5	412	673,026	-	-	-	-	-	-	
TOTAL-----	1	21	12	787	1,632,130	-	24	18	1,810	3,224,003	-	-	-	2,522	4,851,096	-	
COAL-----	-	-	-	-	-	-	-	-	23	60,983	452,456	-	-	-	-	-	

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, 2009 - 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-----	-	30	28	1,162	2,194,265	-	2	4	357	719,818	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	1	-	51	69,702	-	4	3	365	703,205	-	
STONE-----	-	-	-	-	-	-	4	-	236	273,297	-	3	-	139	262,329	-	
SAND AND GRAVEL--	-	-	-	-	-	-	1	2	535	458,384	-	3	2	127	246,111	-	
TOTAL-----	-	30	28	1,162	2,194,265	-	8	6	1,179	1,521,201	-	-	5	631	1,211,645	-	
COAL-----	-	5	2	140	285,069	775,532	-	9	4	872	1,793,833	38,710,305	-	1	-	78	122,899
NEBRASKA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	4	3,486	-	-	-	-	-	-	
STONE-----	-	-	3	83	206,170	-	-	2	84	146,578	-	-	3	178	373,495	-	
SAND AND GRAVEL--	-	-	-	-	-	-	9	9	526	824,309	-	-	-	-	-	-	
TOTAL-----	-	-	3	83	206,170	-	10	11	614	974,373	-	-	3	178	373,495	-	
COAL-----																	
NEVADA																	
METAL-----	-	39	20	2,078	4,199,960	1	40	29	3,789	8,356,796	-	18	20	2,361	4,486,582	-	
NONMETAL-----	-	-	-	-	-	-	3	1	157	289,244	-	8	4	415	812,001	-	
STONE-----	-	-	-	-	-	-	2	-	149	258,839	-	9	6	211	401,550	-	
SAND AND GRAVEL--	-	-	-	-	-	-	6	6	643	917,946	-	-	-	-	-	-	
TOTAL-----	-	39	20	2,078	4,199,960	1	51	36	4,738	9,822,825	-	35	30	2,987	5,700,133	-	
COAL-----																	
NEW HAMPSHIRE																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	5	1	165	263,625	-	3	1	30	65,425	-	
SAND AND GRAVEL--	-	-	-	-	-	-	2	1	309	404,789	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	7	2	474	668,414	-	3	1	30	65,425	-	
COAL-----																	
NEW JERSEY																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	9	1	271	576,639	-	1	-	35	63,103	-	
SAND AND GRAVEL--	-	-	-	-	-	-	10	2	431	827,102	-	9	6	211	415,539	-	
TOTAL-----	-	-	-	-	-	-	19	3	702	1,403,741	-	10	6	246	478,642	-	
COAL-----																	

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

JANUARY - DECEMBER, 2009 - 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	-	167	331,866	-	5	2	352	743,198	-	3	-	259	510,639		
NONMETAL-----	-	31	3	685	1,261,332	-	-	-	102	152,047	-	6	-	392	725,765		
STONE-----	-	-	-	-	-	-	6	1	295	446,800	-	2	-	78	135,245		
SAND AND GRAVEL--	-	-	-	-	-	-	8	4	608	871,834	-	-	-	-	-		
TOTAL-----	-	40	3	852	1,593,198	-	19	7	1,357	2,213,879	-	11	-	729	1,371,649		
COAL-----	-	6	8	391	763,890	6,499,195	-	9	6	830	1,645,818	18,624,901	-	-	1	72	147,709
NEW YORK																	
METAL-----	-	-	-	7	10,631	-	1	1	20	36,908	-	1	2	44	92,239		
NONMETAL-----	-	8	1	403	841,919	-	1	-	37	61,635	-	7	2	160	309,759		
STONE-----	-	1	1	18	42,487	-	17	11	956	1,522,329	-	27	15	898	1,711,912		
SAND AND GRAVEL--	-	-	-	-	-	-	3	8	1,202	1,734,460	-	-	-	-	-		
TOTAL-----	-	9	2	428	895,037	-	22	20	2,215	3,355,332	-	35	19	1,102	2,113,910		
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA																	
METAL-----	-	-	-	-	-	-	-	-	1	1,564	-	-	-	9	12,671		
NONMETAL-----	-	-	-	-	-	-	3	-	342	711,483	-	8	9	497	1,093,409		
STONE-----	-	-	-	-	-	-	11	10	910	1,541,327	-	8	10	856	1,402,120		
SAND AND GRAVEL--	-	-	-	-	-	-	6	-	605	912,880	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	20	10	1,858	3,167,254	-	16	19	1,362	2,508,200		
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DAKOTA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL-----	-	-	-	-	-	-	-	-	1	438	-	-	-	20	39,957		
STONE-----	-	-	-	-	-	-	-	-	7	8,414	-	-	-	-	-		
SAND AND GRAVEL--	-	-	-	-	-	-	3	9	441	523,915	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	3	9	449	532,767	-	-	-	20	39,957		
COAL-----	-	-	-	-	-	-	-	7	5	1,021	1,989,139	29,945,292	-	1	-	8	14,569
OHIO																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL-----	-	4	-	300	667,201	-	1	1	75	120,048	-	1	-	60	115,096		
STONE-----	-	3	2	51	116,633	-	3	8	549	988,461	-	17	9	949	1,838,420		
SAND AND GRAVEL--	-	-	-	-	-	-	4	11	993	1,706,016	-	-	-	-	-		
TOTAL-----	-	7	2	351	783,834	-	8	20	1,617	2,814,525	-	18	9	1,009	1,953,516		
COAL-----	-	57	24	1,498	3,389,218	17,306,790	-	28	12	1,143	2,576,966	10,344,060	-	5	2	368	847,660

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, 2009 - 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	144	252,989	-	-	-	18	36,636	-	-	-	
STONE-----	-	-	-	20	42,891	5	1,220	2,194,119	-	-	-	809	1,695,054	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	9	396	778,132	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	20	42,891	17	1,760	3,225,240	-	-	-	827	1,731,690	-	-	-	
COAL-----	-	2	1	56	138,494	1	205	302,909	571,776	-	-	-	-	-	-	-	
OREGON																	
METAL-----	-	-	-	8	2,912	-	26	15,204	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	1	35	32,097	-	-	-	83	142,763	-	-	-	
STONE-----	-	-	-	-	-	10	769	944,899	-	-	-	89	165,523	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	2	476	673,735	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	8	2,912	3	1,306	1,665,935	-	-	-	172	308,286	-	-	-	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PENNSYLVANIA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	4	6,611	-	-	-	
NONMETAL-----	-	-	-	-	-	-	17	20,382	-	-	-	54	101,085	-	-	-	
STONE-----	-	5	4	283	522,158	24	2,367	3,778,593	-	-	-	2,288	4,314,273	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	5	509	885,518	-	-	-	-	-	-	-	-	
TOTAL-----	-	5	4	283	522,158	29	2,893	4,684,493	-	-	-	2,346	4,421,969	-	-	-	
COAL-ANTHRACITE--	-	7	-	94	160,067	-	624	1,116,782	1,744,953	-	-	349	711,856	-	-	-	
BITUMINOUS--	1	234	65	4,309	9,692,564	9	1,667	3,009,476	8,794,272	-	-	633	1,381,764	-	-	-	
PUERTO RICO																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	458	660,457	-	-	-	680	963,201	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	218	328,861	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	676	989,318	-	-	-	680	963,201	-	-	-	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RHODE ISLAND																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	1	42	64,301	-	-	-	21	31,286	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	118	163,262	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	1	160	227,563	-	-	-	21	31,286	-	-	-	
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, 2009 - 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-----	-	-	-	-	-	-	-	-	3	3,066	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	1	1	49	63,299	-	2	-	149	260,642	-	
STONE-----	-	-	-	-	-	-	3	6	288	568,470	-	13	6	531	996,086	-	
SAND AND GRAVEL--	-	-	-	-	-	-	1	3	260	440,715	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	5	10	600	1,075,550	-	-	-	680	1,256,728	-	
COAL-----																	
SOUTH DAKOTA																	
METAL-----	-	-	-	-	-	-	-	4	124	264,887	-	-	1	30	64,521	-	
NONMETAL-----	-	-	-	-	-	-	-	-	5	4,463	-	1	1	73	113,870	-	
STONE-----	-	-	-	-	-	-	3	7	215	367,776	-	3	6	169	335,925	-	
SAND AND GRAVEL--	-	-	-	-	-	-	7	6	440	571,151	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	10	17	784	1,208,277	-	4	8	272	514,316	-	
COAL-----																	
TENNESSEE																	
METAL-----	-	5	3	105	164,192	-	-	-	11	19,800	-	1	-	20	28,885	-	
NONMETAL-----	-	-	-	-	-	-	-	-	79	84,421	-	4	2	198	343,708	-	
STONE-----	-	3	-	86	171,957	-	6	5	877	1,326,742	-	19	11	820	1,590,668	-	
SAND AND GRAVEL--	-	-	-	-	-	-	6	6	271	493,202	-	-	-	-	-	-	
TOTAL-----	-	8	3	191	336,149	-	12	11	1,238	1,924,165	-	24	13	1,038	1,963,261	-	
COAL-----	-	29	2	316	535,985	842,344	-	10	5	388	749,246	1,237,208	-	2	1	79	183,096
TEXAS																	
METAL-----	-	-	-	-	-	-	-	-	48	43,123	-	42	15	797	1,694,674	-	
NONMETAL-----	-	1	-	46	114,716	-	4	2	189	331,359	-	11	3	599	1,315,377	-	
STONE-----	-	-	-	10	20,024	-	47	18	3,264	6,273,607	-	46	21	2,123	4,343,080	-	
SAND AND GRAVEL--	-	-	-	-	-	-	1	43	15	2,544	5,293,556	-	-	-	-	-	
TOTAL-----	-	1	-	56	134,740	-	1	94	35	6,045	11,941,645	-	99	39	3,519	7,353,131	
COAL-----	-	-	-	-	-	-	-	17	19	2,462	5,412,197	35,093,268	-	-	-	25	54,072
UTAH																	
METAL-----	-	5	3	103	128,529	-	-	5	1	854	1,951,110	-	3	2	513	1,073,873	-
NONMETAL-----	-	7	6	116	207,067	-	-	2	1	103	152,592	-	1	2	221	407,540	-
STONE-----	-	-	-	-	-	-	-	4	2	200	254,139	-	-	5	187	323,736	-
SAND AND GRAVEL--	-	-	-	-	-	-	-	12	9	1,163	1,647,979	-	-	-	-	-	-
TOTAL-----	-	12	9	219	335,596	-	-	23	13	2,320	4,005,820	-	-	5	921	1,805,149	-
COAL-----	-	41	23	1,755	3,585,806	21,717,588	-	-	-	5	9,364	-	-	-	3	127	226,955

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, 2009 - 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-----	-	-	-	-	-	1	4	6,593	-	1	1	14	27,017	-	-	-	
STONE-----	-	-	-	22	48,569	2	324	480,623	-	8	2	320	618,543	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	1	217	209,074	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	22	48,569	3	545	696,290	-	9	3	334	645,560	-	-	-	
COAL-----																	
VIRGIN ISLANDS																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	44	80,407	-	-	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	44	80,407	-	-	-	-	-	-	-	-	
COAL-----																	
VIRGINIA																	
METAL-----	-	-	-	-	-	-	27	23,356	-	3	2	88	145,692	-	-	-	
NONMETAL-----	-	-	-	3	1,032	1	46	70,238	-	3	4	310	660,204	-	-	-	
STONE-----	-	4	-	44	82,164	10	679	1,264,517	-	14	15	1,186	2,408,153	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	2	208	404,046	-	-	-	-	-	-	-	-	
TOTAL-----	-	4	-	47	83,196	13	960	1,762,157	-	20	21	1,584	3,214,049	-	-	-	
COAL-----	1	109	36	2,764	5,797,799	8	1,293	2,802,464	7,664,867	-	15	4	634	1,379,709	-	-	
WASHINGTON																	
METAL-----	-	1	2	140	224,815	-	1	1,719	-	-	-	62	85,637	-	-	-	
NONMETAL-----	-	-	-	-	-	1	24	42,793	-	2	3	63	127,845	-	-	-	
STONE-----	-	-	-	-	-	4	497	677,213	-	6	6	292	548,165	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	7	1,070	1,496,053	-	-	-	-	-	-	-	-	
TOTAL-----	-	1	2	140	224,815	12	1,592	2,217,778	-	8	9	417	761,647	-	-	-	
COAL-----	-	-	-	-	-	-	65	126,568	-	-	-	-	-	-	-	-	
WEST VIRGINIA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	10	21,506	-	-	-	
NONMETAL-----	-	-	-	-	-	1	1	1,206	-	1	-	14	32,302	-	-	-	
STONE-----	-	2	-	65	152,063	2	224	396,094	-	11	5	422	761,171	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	12	23,242	-	-	-	-	-	-	-	-	
TOTAL-----	-	2	-	65	152,063	3	237	420,542	-	13	5	446	814,979	-	-	-	
COAL-----	1	575	229	13,651	29,078,942	59	6,027	13,586,887	56,491,995	-	39	25	2,382	5,247,536	-	-	

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

JANUARY - DECEMBER, 2009 - 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-----	-	5	-	49	98,194	-	1	-	26	49,408	-	-	-	81	163,451		
STONE-----	-	-	-	-	-	-	20	7	815	1,294,044	-	-	-	509	942,115		
SAND AND GRAVEL--	-	-	-	-	-	-	12	6	951	1,197,378	-	-	-	-	-		
TOTAL-----	-	5	-	49	98,194	-	33	13	1,792	2,540,830	-	-	-	590	1,105,566		
COAL-----																	
WYOMING																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NONMETAL-----	-	39	15	760	1,450,423	-	3	2	163	318,286	-	-	-	1,581	3,312,019		
STONE-----	-	-	-	-	-	-	3	-	104	224,077	-	-	-	131	284,272		
SAND AND GRAVEL--	-	-	-	-	-	-	5	8	509	630,073	-	-	-	-	-		
TOTAL-----	-	39	15	760	1,450,423	-	11	10	776	1,172,436	-	-	-	1,712	3,596,291		
COAL-----	-	6	6	235	561,507	3,471,844	-	41	28	6,597	13,492,748	427,634,787	-	-	-	105	210,776
NATION																	
METAL-----	1	132	93	5,623	10,808,322		2	213	97	12,049	25,141,007		-	211	115	11,038	22,635,207
NONMETAL-----	1	115	42	3,019	6,158,023		-	63	40	4,260	7,744,482		-	209	80	10,368	20,787,257
STONE-----	-	52	22	2,212	4,445,007		2	490	255	28,770	49,385,846		1	731	364	28,342	54,434,299
SAND AND GRAVEL--	-	-	-	-	-		3	371	211	30,813	47,305,536		-	-	-	-	-
TOTAL-----	2	299	157	10,854	21,411,352		7	1,137	603	75,892	129,576,871		1	1,151	559	49,748	97,856,763
COAL-----	6	2,042	859	44,285	96,587,372	332,055,422	4	486	222	34,416	72,710,489	742,759,536	-	172	94	8,343	18,450,250

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

JANUARY - DECEMBER, 2009

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-----	-	19	5	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODING VESSELS	-	7	4	-	2	-	-	1	-	-	2	-	-	-	3	-	3	2
UNDER PRESSURE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLOSIVES AND BREAKING	-	8	3	-	1	-	-	1	1	-	2	1	-	2	-	-	-	1
FALLING, ROLLING, OR	-	90	12	-	4	-	-	-	-	-	3	3	-	-	-	-	-	-
SLIDING MATERIAL-----	1	214	115	-	-	-	-	-	-	-	13	10	-	-	-	-	-	-
FALL OF FACE, RIB, SIDE	2	3	-	-	2	1	-	1	-	-	-	-	-	1	-	-	-	-
OR HIGHWALL-----	603	259	-	127	74	-	61	34	-	27	35	-	74	27	-	91	51	
FALL OF ROOF (UNDER-	120	209	-	35	49	-	15	22	-	8	10	-	18	15	-	24	16	
GROUND MINES ONLY)----	-	2	1	-	1	-	-	1	1	-	-	-	-	2	-	-	-	
FIRE-----	1	245	54	3	57	22	-	9	-	1	14	5	2	24	2	-	9	
HANDLING MATERIAL-----	-	2	1	-	1	-	-	1	1	-	-	-	-	-	-	-	-	
HAND TOOLS-----	245	54	3	57	22	-	-	9	-	14	5	2	24	2	-	9	-	
NONPOWERED HAULAGE-----	2	1	-	1	-	-	-	1	1	-	-	-	-	2	-	-	-	
POWERED HAULAGE-----	1	245	54	3	57	22	-	9	-	14	5	2	24	2	-	9	-	
HAULAGE TRUCKS-----	-	2	1	3	43	7	-	2	-	2	1	2	18	1	-	3	-	
FRONT-END LOADERS-----	-	-	-	-	10	11	-	1	-	-	-	-	2	1	-	-	-	
ALL OTHER POWERED	1	243	53	-	4	4	-	6	-	1	12	4	-	4	-	6	-	
HAULAGE-----	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
HOISTING-----	-	2	1	-	2	1	-	1	-	-	1	-	-	-	-	1	1	
IGNITION OR EXPLOSION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OF GAS OR DUST-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IMPOUNDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INUNDATION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MACHINERY-----	-	228	123	1	71	24	-	13	18	-	18	12	-	20	22	-	18	
DOZER-----	-	-	-	-	27	9	-	2	1	-	-	-	-	-	-	-	-	
DRI LL-----	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	
ALL OTHER MACHINERY--	-	228	123	1	43	15	-	11	17	-	18	12	-	20	21	-	18	
SLIPS OR FALLS OF	-	403	41	-	156	38	-	61	9	-	33	8	-	63	19	-	53	
PERSON-----	-	1	-	-	12	2	-	5	1	-	6	2	-	6	1	-	-	
STEPPING OR KNEELING	-	23	27	-	4	4	-	1	7	-	2	2	-	1	2	-	2	
ON OBJECT-----	1	33	4	-	12	7	-	2	1	-	2	4	-	3	3	-	10	
STRIKING OR BUMPING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OTHER-----	6	2,042	859	4	486	222	-	172	94	1	132	93	2	213	97	-	211	
TOTAL-----																		

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

JANUARY - DECEMBER, 2009 - 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	-	-	6	1	-	5	3	1	4	3
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODING VESSELS UNDER PRESSURE-----	-	-	1	-	-	1	-	1	1	-	-	-	-	-	-	-	4	1	-	1	2
EXPLOSIVES AND BREAKING AGENTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	3	5	1	3	1	-
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	-	1	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-
FALL OF ROOF (UNDER- GROUND MINES ONLY)-----	1	3	1	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-
FIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	1
HANDLING MATERIAL-----	-	46	16	-	16	11	-	81	35	-	12	6	-	146	90	-	276	135	-	117	64
HAND TOOLS-----	-	10	4	-	9	10	-	18	9	-	5	4	-	68	67	-	114	70	-	35	50
NONPOWERED HAULAGE-----	-	1	-	-	-	-	-	1	-	-	-	-	-	2	-	-	6	-	-	-	-
POWERED HAULAGE-----	-	11	5	-	4	6	-	14	1	-	8	3	-	43	9	-	34	13	-	42	12
HAULAGE TRUCKS-----	-	1	1	-	3	2	-	2	-	-	3	-	-	18	3	-	7	5	-	9	1
FRONT-END LOADERS-----	-	-	1	-	1	1	-	-	-	-	1	2	-	13	2	-	7	1	-	14	8
ALL OTHER POWERED HAULAGE-----	-	10	3	-	-	3	-	12	1	-	4	1	-	12	4	-	20	7	-	19	3
HOISTING-----	-	1	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
IMPOUNDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INUNDATION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINERY-----	-	6	9	-	9	6	-	18	17	-	5	-	2	54	39	-	67	53	1	39	32
DOZER-----	-	-	-	-	-	-	-	-	1	-	1	-	-	5	2	-	-	-	-	2	3
DRI LL-----	-	-	-	-	1	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
ALL OTHER MACHINERY--	-	6	9	-	8	6	-	18	16	-	4	-	2	47	37	-	67	53	1	37	29
SLIPS OR FALLS OF PERSON-----	-	30	3	-	23	4	-	62	12	-	14	8	-	135	33	-	179	59	-	107	28
STEPPING OR KNEELING ON OBJECT-----	-	4	-	-	-	-	-	5	-	-	2	-	-	10	1	-	13	2	-	5	3
STRIKING OR BUMPING-----	-	-	1	-	-	1	-	-	-	-	-	1	-	6	2	-	8	7	-	2	5
OTHER-----	-	3	1	-	2	1	-	8	4	-	-	-	-	16	13	-	20	15	-	14	10
TOTAL-----	1	115	42	-	63	40	-	209	80	-	52	22	2	490	255	1	731	364	3	371	211

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, 2009

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-----	1		130		45		176				
SURFACE-----	2		46		19		67				
TOTAL, UNDERGROUND MINES--	3		176		64		243				
SURFACE MINES:											
STRIP MINES-----	4		145		73		222				
AUGER MINES-----	-		-		-		-				
OTHER SURFACE MINES-----	-		1		-		1				
TOTAL, SURFACE MINES-----	4		146		73		223				
TOTAL, PRODUCTION MINING--	7		322		137		466				
PREPARATION PLANTS-----	1		76		38		115				
INDEPENDENT SHOPS/YARDS-----	-		8		2		10				
TOTAL, OTHER OPERATIONS---	1		84		40		125				
TOTAL, BITUMINOUS MINING--	8		406		177		591				
PENNSYLVANIA ANTHRACITE COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	-		-		-		-				
SURFACE-----	-		-		-		-				
TOTAL, UNDERGROUND MINES--	-		-		-		-				
SURFACE MINES:											
STRIP MINES-----	-		2		-		2				
CULM BANK-----	-		-		-		-				
DREDGE-----	-		-		-		-				
TOTAL, SURFACE MINES-----	-		2		-		2				
TOTAL, PRODUCTION MINING--	-		2		-		2				
PREPARATION PLANTS-----	-		2		-		2				
INDEPENDENT SHOPS/YARDS-----	-		-		-		-				
TOTAL, OTHER OPERATIONS---	-		2		-		2				
TOTAL, ANTHRACITE MINING--	-		4		-		4				
ALL COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	1	.03	130	4.17	45	1.45	176	5.65	5,347	6,227,941	91,299
SURFACE-----	2	.06	46	1.30	19	.54	67	1.89	7,486	7,101,224	-
TOTAL, UNDERGROUND MINES--	3	.05	176	2.64	64	.96	243	3.65	12,833	13,329,165	91,299
SURFACE MINES:											
STRIP MINES-----	4	.04	147	1.38	73	.69	224	2.11	18,873	21,259,849	286,489
AUGER MINES-----	-		-		-		-		207	112,767	-
CULM BANK-----	-		1	.33	-		1	.33	713	606,039	-
DREDGE-----	-		-		-		-		68	20,614	-
TOTAL, SURFACE MINES-----	4	.04	148	1.35	73	.66	225	2.05	19,861	21,999,269	286,489
TOTAL, PRODUCTION MINING--	7	.04	324	1.83	137	.78	468	2.65	32,694	35,328,434	377,788
PREPARATION PLANTS-----	1	.02	78	1.66	38	.81	117	2.48	7,922	9,419,836	-
INDEPENDENT SHOPS/YARDS-----	-		8	3.43	2	.86	10	4.28	431	466,795	-
TOTAL, OTHER OPERATIONS---	1	.02	86	1.74	40	.81	127	2.57	8,353	9,886,631	-
TOTAL, ALL COAL-----	8	.04	410	1.81	177	.78	595	2.63	41,047	45,215,065	377,788
OFFICEWORKERS:											
BITUMINOUS-----	-		4		3		7				
ANTHRACITE-----	-		-		-		-				
TOTAL, OFFICEWORKERS-----	-		4	.26	3	.19	7	.45	2,157	3,112,778	-
GRAND TOTAL-----	8	.03	414	1.71	180	.74	602	2.49	43,204	48,327,843	377,788

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

JANUARY - DECEMBER, 2009

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-----	-		28		13		41			
NONMETAL-----	-		7		5		12			
STONE-----	-		4		5		9			
TOTAL, UNDERGROUND MINES--	-		39	1.68	23	.99	62	2.68	5,286	4,635,371
SURFACE MINES:										
METAL-----	-		33		22		55			
NONMETAL-----	1		13		9		23			
STONE-----	-		57		23		80			
SUBTOTAL, SURFACE MINES--	1		103		54		158			
SAND AND GRAVEL-----	2		9		2		13			
TOTAL, SURFACE MINES-----	3	.02	112	.74	56	.37	171	1.13	34,986	30,181,885
TOTAL, MINES-----	3	.02	151	.87	79	.45	233	1.34	40,272	34,817,256
MILLS:										
METAL-----	2		15		26		43			
NONMETAL-----	-		15		14		29			
STONE-----	1		68		70		139			
TOTAL, MILLS-----	3	.03	98	1.08	110	1.21	211	2.31	16,742	18,229,545
INDEPENDENT SHOPS AND YARDS:										
METAL-----	-		-		-		-			
NONMETAL-----	-		-		-		-			
STONE-----	-		-		-		-			
TOTAL, SHOPS AND YARDS---	-		-		-		-		24	6,037
ALL MINES, MILLS AND SHOPS:										
METAL-----	2		76		61		139			
NONMETAL-----	1		35		28		64			
STONE-----	1		129		98		228			
SUBTOTAL-----	4		240		187		431			
SAND AND GRAVEL-----	2		9		2		13			
TOTAL, MINES/MILLS/SHOPS--	6	.02	249	.94	189	.71	444	1.67	57,038	53,052,838
OFFICEWORKERS:										
METAL-----	-		2		1		3			
NONMETAL-----	-		-		-		-			
STONE-----	-		3		3		6			
SAND AND GRAVEL-----	-		-		-		-			
TOTAL, OFFICEWORKERS---	-		5	.26	4	.21	9	.47	2,890	3,827,143
SUMMARY TOTAL (INCLUDES OFFICEWORKERS):										
METAL-----	2		78		62		142			
NONMETAL-----	1		35		28		64			
STONE-----	1		132		101		234			
SUBTOTAL-----	4		245		191		440			
SAND AND GRAVEL-----	2		9		2		13			
GRAND TOTAL-----	6	.02	254	.89	193	.68	453	1.59	59,928	56,879,981

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

JANUARY - DECEMBER, 2009

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--								6						3	2		
TOTAL-----								6						3	2		
COAL-----		5	1					8	1					4	2		
ALASKA																	
METAL-----		2	2					4	2						3		
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		2	2					4	2						3		
COAL-----																	
ARI ZONA																	
METAL-----			1					9	5					4	3		
NONMETAL-----								1						10	6		
STONE-----								2									
SAND AND GRAVEL--																	
TOTAL-----			1					12	5					14	9		
COAL-----																	
ARKANSAS																	
METAL-----																	
NONMETAL-----																	
STONE-----								1	3					3	7		
SAND AND GRAVEL--																	
TOTAL-----								1	3					3	7		
COAL-----																	
CALIFORNIA																	
METAL-----																	
NONMETAL-----								1									
STONE-----								2	2					2	2		
SAND AND GRAVEL--								1									
TOTAL-----								4	2					2	2		
COAL-----																	

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

JANUARY - DECEMBER, 2009 - 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-----		1						2						2	2		
NONMETAL-----								3									
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		1						5						2	2		
COAL-----		15	10														
FLORIDA																	
METAL-----								6	4				1	3	2		
NONMETAL-----								3	1								
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----								9	5					4	2		
COAL-----																	
GEORGIA																	
METAL-----							1							4	4		
NONMETAL-----								1	2					1			
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----							1	1	2					5	4		
COAL-----																	
HAWAII																	
METAL-----																	
NONMETAL-----																	
STONE-----								1									
SAND AND GRAVEL--																	
TOTAL-----								1									
COAL-----																	
IDAHO																	
METAL-----		4	4														
NONMETAL-----								2									
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		4	4					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, 2009 - 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-----																	
SAND AND GRAVEL--								1							1		
TOTAL-----								1							1		
COAL-----	2	15	6					2	1								
INDIANA																	
METAL-----																	
NONMETAL-----									1	1					2		
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----								1	1						2		
COAL-----		5	3					4							5	2	
KANSAS																	
METAL-----																	
NONMETAL-----																	
STONE-----															1	1	
SAND AND GRAVEL--																	
TOTAL-----															1	2	
COAL-----																	
KENTUCKY																	
METAL-----																	
NONMETAL-----																	
STONE-----									1	2					2	2	
SAND AND GRAVEL--																	
TOTAL-----									1	2					2	2	
COAL-----		24	8					2	28	8					1	11	
LOUISIANA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--		2	1												1		
TOTAL-----		2	1												1		
COAL-----									1								

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

JANUARY - DECEMBER, 2009 - 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		
MARYLAND																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--								1		1					1		
TOTAL-----								1		1					1		
COAL-----								1						2	3		
MI CH I G A N																	
METAL-----																	
NONMETAL-----																	
STONE-----								1							1		
SAND AND GRAVEL--										1							
TOTAL-----								1		1					1		
COAL-----																	
MI N N E S O T A																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--								1		1					1		
TOTAL-----								2									
COAL-----								3		1					1		
MI S S I S S I P P I																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--										1							
TOTAL-----										1							
COAL-----																	
MI S S O U R I																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
MI S S O U R I																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
MI S S O U R I																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
MI S S O U R I																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
MI S S O U R I																	
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, 2009 - 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-----																	
NONMETAL-----								1									
STONE-----								1									
SAND AND GRAVEL--								1									
TOTAL-----								2									
COAL-----		9	5					1	1					1	1		
NEBRASKA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
NEVADA																	
METAL-----		16	5					11	12					1	8		
NONMETAL-----								1	1					2	1		
STONE-----														1	1		
SAND AND GRAVEL--								1									
TOTAL-----		16	5					13	13					4	10		
COAL-----																	
NEW JERSEY																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--								1									
TOTAL-----								1									
COAL-----																	
NEW MEXICO																	
METAL-----																	
NONMETAL-----		1	3					2						1	1	3	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		1	3					2						1	1	3	
COAL-----		2	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, 2009 - 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 YORK																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--								1						1	1		
TOTAL-----								1						1	1		
COAL-----																	
NORTH CAROLINA																	
METAL-----																	
NONMETAL-----																	
STONE-----								1	2	1				4	3		
SAND AND GRAVEL--																	
TOTAL-----								1	3					4	3		
COAL-----																	
NORTH DAKOTA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----								1	2								
OHIO																	
METAL-----																	
NONMETAL-----																	
STONE-----								1						1			
SAND AND GRAVEL--								3									
TOTAL-----								4						1			
COAL-----		4	2					5	1								
OKLAHOMA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--								2						2			
TOTAL-----								2						2			
COAL-----																	

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

JANUARY - DECEMBER, 2009 - 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		
OREGON																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--							1		1								
TOTAL-----							1		1								
COAL-----																	
PENNSYLVANIA																	
METAL-----																	
NONMETAL-----																	
STONE-----		1					10		3				6		5		
SAND AND GRAVEL--																	
TOTAL-----		1					10		3				6		5		
COAL-ANTHRACITE--																	
BITUMINOUS--		31		4			2		1				2		3		
PUERTO RICO																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--														4			
TOTAL-----														4			
COAL-----																	
SOUTH CAROLINA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--														3		2	
TOTAL-----														3		2	
COAL-----																	
SOUTH DAKOTA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--							2		1					3		1	
TOTAL-----							2		1					3		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, 2009 - 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	1														
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--						1		1						2	1		
TOTAL-----		1	1			1		1						2	1		
COAL-----	1																
TEXAS																	
METAL-----														1	2	3	
NONMETAL-----														1	1	7	
STONE-----							6	1									
SAND AND GRAVEL--							2	1									
TOTAL-----							8	2						1	4	11	
COAL-----								14	25								
UTAH																	
METAL-----		2						1	2						2	3	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		2					1	2						2	3		
COAL-----																	
VERMONT																	
METAL-----																	
NONMETAL-----																	
STONE-----								1									
SAND AND GRAVEL--																	
TOTAL-----								1									
COAL-----																	
VIRGINIA																	
METAL-----																	
NONMETAL-----								1									
STONE-----		1						1	2						2		
SAND AND GRAVEL--																	
TOTAL-----		1						2	2						2		
COAL-----																	
		4	3					3	1						8	1	

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

JANUARY - DECEMBER, 2009 - 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-----																	
NONMETAL-----																	
STONE-----															2		
SAND AND GRAVEL--																	
TOTAL-----															2		
COAL-----																	
WEST VIRGINIA																	
METAL-----																	
NONMETAL-----																	
STONE-----		1					2	4						7	8		
SAND AND GRAVEL--																	
TOTAL-----		1					2	4						7	8		
COAL-----		62	20				2	65	15					32	20		
WISCONSIN																	
METAL-----																	
NONMETAL-----																	
STONE-----														1	1		
SAND AND GRAVEL--																	
TOTAL-----														1	1		
COAL-----																	
WYOMING																	
METAL-----																	
NONMETAL-----		3	1														
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		3	1												2		
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, 2009 - 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-----		28	13				33	22					2	15	26		
NONMETAL-----		7	5				13	9					1	15	14		
STONE-----		4	5				57	23					1	68	70		
SAND AND GRAVEL--							9	2									
TOTAL-----		39	23	5,286	4,635,371		112	56	35,010	30,187,922		3	98	110	16,742	18,229,545	
COAL-----	3	176	64	12,833	13,329,165	91,299	4	156	75	20,292	22,466,064	286,489	1	78	38	7,922	9,419,836

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

JANUARY - DECEMBER, 2009

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	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODI NG VESSELS	-	-	1	-	-	-	-	1	1	-	-	-	1	-	-	-	-	1
EXPLOSI VES AND BREAKI NG	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
AGENTS-----	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
FALLI NG, ROLLI NG, OR	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-	-	-
SLI DI NG MATERI AL-----	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
FALL OF FACE, RI B, SI DE	-	4	3	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
OR HI GHWALL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALL OF ROOF (UNDER-	-	14	4	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
GROUND MI NES ONLY)----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLI NG MATERI AL-----	1	57	20	-	44	24	-	28	11	-	6	5	-	8	9	-	7	9
HAND TOOLS-----	-	15	7	-	21	17	-	6	5	-	1	1	-	2	4	-	2	3
NONPOWERED HAULAGE-----	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-
POWERED HAULAGE-----	1	24	8	3	23	3	-	2	1	-	2	-	3	1	-	-	-	1
HAULAGE TRUCKS-----	1	3	3	3	20	3	-	1	-	-	1	-	1	1	-	-	-	1
FRONT-END LOADERS-----	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER POWERED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAULAGE-----	-	21	5	-	2	-	-	1	1	-	1	-	2	-	-	-	-	-
HOI STI NG-----	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
I GNI TI ON OR EXPLOSI ON	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
OF GAS OR DUST-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I MPOUNDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I NUNDATI ON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHI NERY-----	-	22	13	-	14	10	-	9	8	-	4	1	-	1	4	1	2	7
DOZER-----	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-
DRI LL-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
ALL OTHER MACHI NERY--	-	22	13	-	8	10	-	9	8	-	4	1	-	4	1	2	7	7
SLI PS OR FALLS OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PERSON-----	1	29	4	-	48	12	1	25	6	-	10	2	-	13	2	-	4	5
STEPPI NG OR KNEELI NG	-	3	-	-	2	1	-	1	-	-	1	-	-	-	-	-	-	-
ON OBJECT-----	-	2	-	-	1	-	-	-	3	-	-	1	-	-	1	-	-	-
STRI KI NG OR BUMPI NG-----	-	4	2	-	2	5	-	4	1	-	1	-	-	5	1	1	-	-
OTHER-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	3	176	64	4	156	75	1	78	38	-	28	13	-	33	22	2	15	26

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

JANUARY - DECEMBER, 2009 - 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	-	-	2	1	-	1	-
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODING VESSELS UNDER PRESSURE-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	-	-
EXPLOSIVES AND BREAKING AGENTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	-	1	-
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALL OF ROOF (UNDER- GROUND MINES ONLY)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-	-
HANDLING MATERIAL-----	-	2	3	-	-	2	-	1	4	-	1	1	-	19	2	-	25	23	-	2	-
HAND TOOLS-----	-	1	-	-	4	2	-	2	5	-	-	1	-	7	8	-	6	9	-	1	-
NONPOWERED HAULAGE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
POWERED HAULAGE-----	-	1	-	1	4	-	-	-	1	-	1	1	-	5	1	-	2	3	1	1	1
HAULAGE TRUCKS-----	-	-	-	1	1	-	-	-	-	-	-	-	-	4	1	-	1	1	-	1	-
FRONT-END LOADERS-----	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	1	1
ALL OTHER POWERED HAULAGE-----	-	1	-	-	3	-	-	-	1	-	1	1	-	-	-	-	1	1	-	-	-
HOISTING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IMPOUNDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INUNDATION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINERY-----	-	1	-	-	1	1	-	3	3	-	-	1	-	10	4	-	11	14	-	2	1
DOZER-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRI LL-----	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	-	-	-	-	-	-
ALL OTHER MACHINERY--	-	1	-	-	1	1	-	2	3	-	-	1	-	9	3	-	11	14	-	2	1
SLIPS OR FALLS OF PERSON-----	-	2	2	-	3	4	-	8	1	-	1	1	-	13	4	1	13	12	-	2	-
STEPPING OR KNEELING ON OBJECT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
STRIKING OR BUMPING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	3	-	-	-
OTHER-----	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	3	4	-	-	-	-
TOTAL-----	-	7	5	1	13	9	-	15	14	-	4	5	-	57	23	1	68	70	2	9	2