

Mine Injury and Worktime, Quarterly

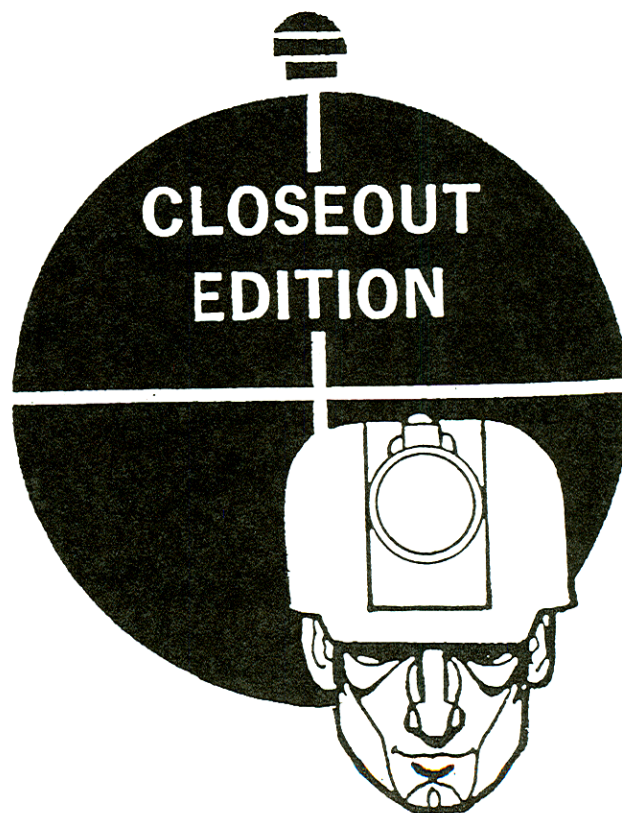


U.S. Department of Labor
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Mine Safety and Health Administration
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This publication has been reviewed and approved for distribution to the mining public by the Office of the Assistant Secretary for Mine 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,
2005, 2006 and 2007

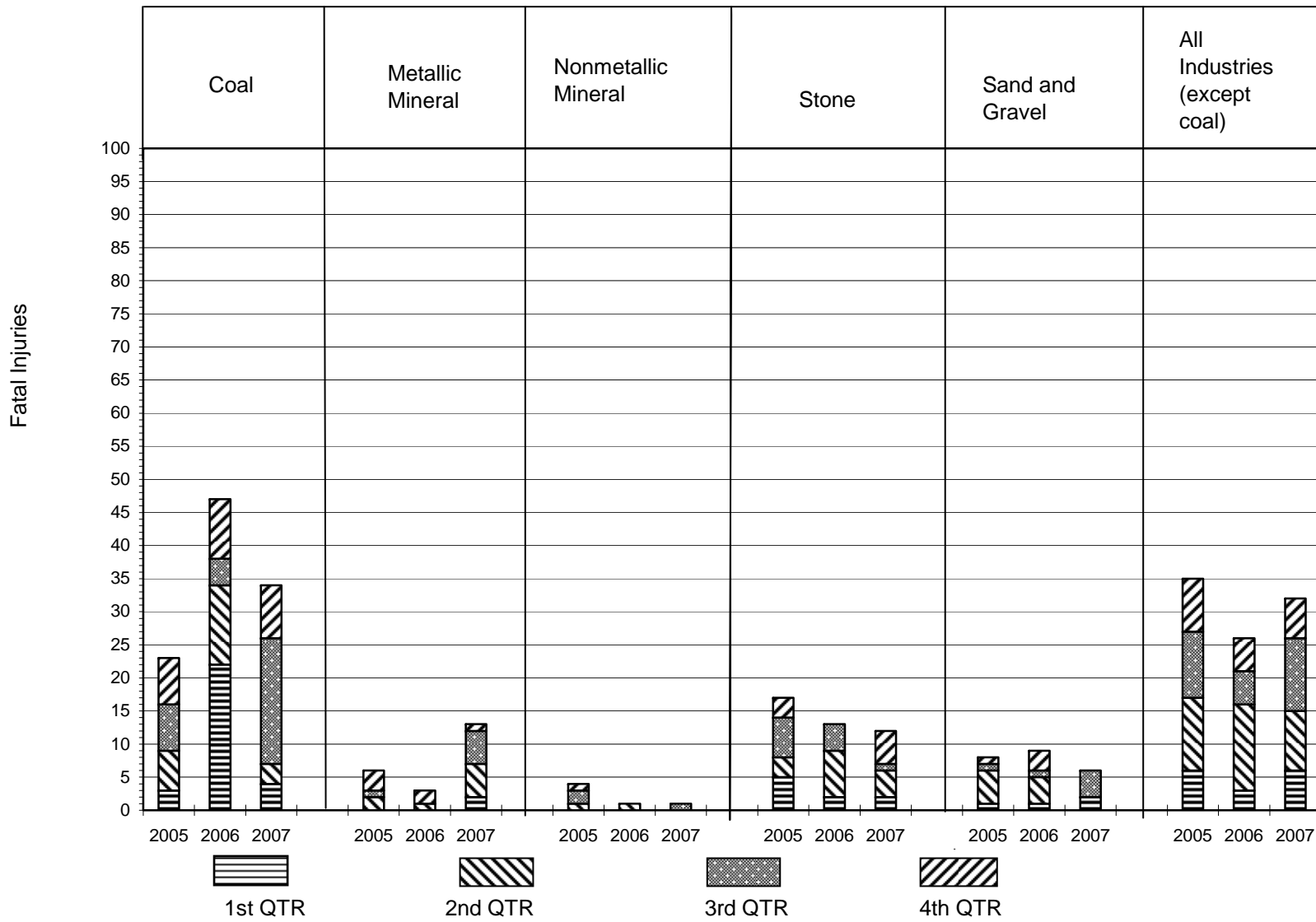


TABLE 1. NUMBER OF OPERATOR INJURIES, INJURY-INCIDENCE RATES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS, AND PRODUCTION BY TYPE OF COAL MINED AND WORK LOCATION

JANUARY - DECEMBER, 2007

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-----	18	.04	2,118	5.02	850	2.02	2,986	7.08	37,743	84,334,300	351,566,178
SURFACE-----	2	.07	140	4.63	72	2.38	214	7.07	2,933	6,052,305	-
TOTAL, UNDERGROUND MINES--	20	.04	2,258	5.00	922	2.04	3,200	7.08	40,676	90,386,605	351,566,178
SURFACE MINES:											
STRIP MINES-----	7	.02	450	1.37	212	.65	669	2.04	28,953	65,502,976	782,765,827
AUGER MINES-----	-	-	25	3.95	7	1.11	32	5.06	779	1,265,912	9,574,398
OTHER SURFACE MINES-----	-	-	4	1.38	-	-	4	1.38	308	578,016	1,151,014
TOTAL, SURFACE MINES-----	7	.02	479	1.42	219	.65	705	2.09	30,040	67,346,904	793,491,239
TOTAL, PRODUCTION MINING--	27	.03	2,737	3.47	1,141	1.45	3,905	4.95	70,716	157,733,509	1,145,057,417
PREPARATION PLANTS-----	1	.01	158	1.70	82	.88	241	2.60	8,166	18,565,671	-
INDEPENDENT SHOPS/YARDS-----	-	-	12	2.43	6	1.21	18	3.64	430	988,900	-
TOTAL, OTHER OPERATIONS---	1	.01	170	1.74	88	.90	259	2.65	8,596	19,554,571	-
TOTAL, BITUMINOUS MINING--	28	.03	2,907	3.28	1,229	1.39	4,164	4.70	79,312	177,288,080	1,145,057,417
PENNSYLVANIA ANTHRACITE COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	-	-	2	2.84	-	-	2	2.84	86	140,987	223,756
SURFACE-----	-	-	1	4.49	-	-	1	4.49	28	44,589	-
TOTAL, UNDERGROUND MINES--	-	-	3	3.23	-	-	3	3.23	114	185,576	223,756
SURFACE MINES:											
STRIP MINES-----	-	-	16	4.30	10	2.69	26	6.99	398	744,227	1,340,238
CULM BANK-----	-	-	1	.66	1	.66	2	1.31	174	304,376	4,495
DREDGE-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, SURFACE MINES-----	-	-	17	3.24	11	2.10	28	5.34	572	1,048,603	1,344,733
TOTAL, PRODUCTION MINING--	-	-	20	3.24	11	1.78	31	5.02	686	1,234,179	1,568,489
PREPARATION PLANTS-----	-	-	15	4.21	10	2.81	25	7.02	355	712,321	-
INDEPENDENT SHOPS/YARDS-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, OTHER OPERATIONS---	-	-	15	4.21	10	2.81	25	7.02	355	712,321	-
TOTAL, ANTHRACITE MINING--	-	-	35	3.60	21	2.16	56	5.75	1,041	1,946,500	1,568,489
ALL COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	18	.04	2,120	5.02	850	2.01	2,988	7.07	37,829	84,475,287	351,789,934
SURFACE-----	2	.07	141	4.63	72	2.36	215	7.05	2,961	6,096,894	-
TOTAL, UNDERGROUND MINES--	20	.04	2,261	4.99	922	2.04	3,203	7.07	40,790	90,572,181	351,789,934
SURFACE MINES:											
STRIP MINES-----	7	.02	466	1.41	222	.67	695	2.10	29,351	66,247,203	784,106,065
AUGER MINES-----	-	-	25	3.95	7	1.11	32	5.06	779	1,265,912	9,574,398
CULM BANK-----	-	-	4	.97	1	.24	5	1.21	442	828,250	847,163
DREDGE-----	-	-	1	3.69	-	-	1	3.69	40	54,142	308,346
TOTAL, SURFACE MINES-----	7	.02	496	1.45	230	.67	733	2.14	30,612	68,395,507	794,835,972
TOTAL, PRODUCTION MINING--	27	.03	2,757	3.47	1,152	1.45	3,936	4.95	71,402	158,967,688	1,146,625,906
PREPARATION PLANTS-----	1	.01	173	1.79	92	.95	266	2.76	8,521	19,277,992	-
INDEPENDENT SHOPS/YARDS-----	-	-	12	2.43	6	1.21	18	3.64	430	988,900	-
TOTAL, OTHER OPERATIONS---	1	.01	185	1.83	98	.97	284	2.80	8,951	20,266,892	-
TOTAL, ALL COAL-----	28	.03	2,942	3.28	1,250	1.39	4,220	4.71	80,353	179,234,580	1,146,625,906
OFFICEWORKERS:											
BITUMINOUS-----	-	-	1	.03	4	.11	5	.14	3,597	7,088,668	-
ANTHRACITE-----	-	-	-	-	-	-	-	-	121	206,181	-
TOTAL, OFFICEWORKERS-----	-	-	1	.03	4	.11	5	.14	3,718	7,294,849	-
GRAND TOTAL-----	28	.03	2,943	3.16	1,254	1.34	4,225	4.53	84,071	186,529,429	1,146,625,906

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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, 2007

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-----	4	.06	211	3.32	132	2.07	347	5.45	6,269	12,729,121
NONMETAL-----	1	.03	120	4.18	53	1.85	174	6.06	2,814	5,740,277
STONE-----	-	-	52	2.05	27	1.06	79	3.11	2,291	5,073,608
TOTAL, UNDERGROUND MINES--	5	.04	383	3.25	212	1.80	600	5.10	11,374	23,543,006
SURFACE MINES:										
METAL-----	2	.01	279	2.06	131	.97	412	3.04	12,755	27,078,971
NONMETAL-----	-	-	84	1.78	32	.68	116	2.45	4,811	9,451,736
STONE-----	6	.02	838	2.43	411	1.19	1,255	3.64	35,422	68,927,958
SUBTOTAL, SURFACE MINES--	8	.02	1,201	2.28	574	1.09	1,783	3.38	52,988	105,458,665
SAND AND GRAVEL-----	5	.01	657	1.97	302	.90	964	2.89	38,182	66,826,618
TOTAL, SURFACE MINES----	13	.02	1,858	2.16	876	1.02	2,747	3.19	91,170	172,285,283
TOTAL, MINES-----	18	.02	2,241	2.29	1,088	1.11	3,347	3.42	102,544	195,828,289
MILLS:										
METAL-----	1	.01	306	2.34	166	1.27	473	3.61	12,280	26,192,750
NONMETAL-----	-	-	304	2.46	144	1.17	448	3.63	11,694	24,690,048
STONE-----	2	.01	982	2.81	504	1.44	1,488	4.26	32,925	69,889,975
TOTAL, MILLS-----	3	(*)	1,592	2.64	814	1.35	2,409	3.99	56,899	120,772,773
INDEPENDENT SHOPS AND YARDS:										
METAL-----	-	-	2	.89	5	2.23	7	3.13	213	447,712
NONMETAL-----	-	-	-	-	-	-	-	-	-	-
STONE-----	-	-	8	3.07	4	1.54	12	4.61	273	520,802
TOTAL, SHOPS AND YARDS---	-	-	10	2.07	9	1.86	19	3.92	486	968,514
ALL MINES, MILLS AND SHOPS:										
METAL-----	7	.02	798	2.40	434	1.31	1,239	3.73	31,517	66,448,554
NONMETAL-----	1	.01	508	2.55	229	1.15	738	3.70	19,319	39,882,061
STONE-----	8	.01	1,880	2.60	946	1.31	2,834	3.92	70,911	144,412,343
SUBTOTAL-----	16	.01	3,186	2.54	1,609	1.28	4,811	3.84	121,747	250,742,958
SAND AND GRAVEL-----	5	.01	657	1.97	302	.90	964	2.89	38,182	66,826,618
TOTAL, MINES/MILLS/SHOPS--	21	.01	3,843	2.42	1,911	1.20	5,775	3.64	159,929	317,569,576
OFFICEWORKERS:										
METAL-----	-	-	3	.07	2	.04	5	.11	4,483	9,043,003
NONMETAL-----	-	-	1	.03	4	.12	5	.15	3,545	6,648,748
STONE-----	-	-	14	.13	5	.05	19	.17	11,807	22,096,430
SAND AND GRAVEL-----	-	-	4	.08	6	.12	10	.20	7,579	9,853,821
TOTAL, OFFICEWORKERS----	-	-	22	.09	17	.07	39	.16	27,414	47,642,002
SUMMARY TOTAL (INCLUDES OFFICEWORKERS):										
METAL-----	7	.02	801	2.12	436	1.16	1,244	3.30	36,000	75,491,557
NONMETAL-----	1	(*)	509	2.19	233	1.00	743	3.19	22,864	46,530,809
STONE-----	8	.01	1,894	2.27	951	1.14	2,853	3.43	82,718	166,508,773
SUBTOTAL-----	16	.01	3,204	2.22	1,620	1.12	4,840	3.35	141,582	288,531,139
SAND AND GRAVEL-----	5	.01	661	1.72	308	.80	974	2.54	45,761	76,680,439
GRAND TOTAL-----	21	.01	3,865	2.12	1,928	1.06	5,814	3.18	187,343	365,211,578

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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, 2007

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-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	13	
NONMETAL-----	-	-	-	-	-	-	-	-	64	109,632	-	-	3	2	183		
STONE-----	-	-	1	17	30,464	-	21	14	1,090	2,646,905	-	-	80	27	1,434		
SAND AND GRAVEL--	-	-	-	-	-	-	7	3	538	1,130,739	-	-	-	-	-		
TOTAL-----	-	-	1	17	30,464	-	28	17	1,692	3,887,276	-	-	84	29	1,630		
COAL-----	1	165	44	2,155	4,821,432	11,461,986	1	28	12	1,273	2,896,611	8,059,812	-	7	1	405	
ALASKA																	
METAL-----	-	21	10	476	1,136,194	-	-	8	440	1,087,540	-	-	-	13	8	330	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	
STONE-----	-	-	-	-	-	-	2	-	187	118,897	-	-	-	-	-	499	
SAND AND GRAVEL--	-	-	-	-	-	-	1	3	566	341,629	-	-	-	-	-	-	
TOTAL-----	-	21	10	476	1,136,194	-	1	20	1,193	1,548,066	-	-	-	13	8	338	
COAL-----	-	-	-	-	-	-	-	3	2	81	189,568	1,323,560	-	-	-	3	
ARI ZONA																	
METAL-----	-	-	2	49	67,592	-	-	133	49	3,825	7,993,716	-	-	93	42	3,356	
NONMETAL-----	-	-	-	2	2,912	-	-	7	-	169	268,101	-	-	-	-	12	
STONE-----	-	-	-	-	-	-	-	17	10	805	1,389,753	-	-	13	2	325	
SAND AND GRAVEL--	-	-	-	-	-	-	-	62	21	2,416	4,384,224	-	-	-	-	-	
TOTAL-----	-	-	2	51	70,504	-	-	219	80	7,215	14,035,794	-	-	106	44	3,693	
COAL-----	-	-	-	-	-	-	-	5	2	340	807,521	7,982,584	-	-	-	78	
ARKANSAS																	
METAL-----	-	-	-	-	-	-	-	-	12	21,874	-	-	-	14	8	420	
NONMETAL-----	-	-	-	-	-	-	-	1	119	193,636	-	-	-	-	-	31	
STONE-----	-	2	-	17	41,991	-	1	10	951	1,711,084	-	-	-	16	22	636	
SAND AND GRAVEL--	-	-	-	-	-	-	-	9	4	338	657,058	-	-	-	-	-	
TOTAL-----	-	2	-	17	41,991	-	1	20	1,420	2,583,652	-	-	-	30	30	1,087	
COAL-----	-	10	5	71	163,654	80,280	-	-	-	2	1,452	2,397	-	-	1	5	
CALIFORNIA																	
METAL-----	-	6	5	94	144,541	-	-	4	-	75	150,059	-	-	-	3	-	
NONMETAL-----	-	-	-	14	5,566	-	-	8	3	449	986,757	-	-	40	5	921	
STONE-----	-	-	-	-	-	-	1	26	22	1,337	2,422,542	-	-	76	35	1,712	
SAND AND GRAVEL--	-	-	-	-	-	-	-	103	39	4,117	8,093,759	-	-	-	-	-	
TOTAL-----	-	6	5	108	150,107	-	1	141	64	5,978	11,653,117	-	-	119	40	2,758	
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, 2007 - 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-----	-	-	-	-	-	-	18	2	269	541,157	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	6	2	123	122,744	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	24	4	392	663,901	-	-	-	-	-	-	
COAL-----																	
IDAHO																	
METAL-----	-	24	11	407	727,734	-	4	6	197	392,286	-	2	3	162	290,666		
NONMETAL-----	-	-	-	-	-	-	6	1	363	752,923	-	4	6	164	290,129		
STONE-----	-	-	-	-	-	-	11	7	391	625,118	-	2	5	103	175,688		
SAND AND GRAVEL--	-	-	-	-	-	-	9	7	701	1,004,368	-	-	-	-	-	-	
TOTAL-----	-	24	11	407	727,734	-	30	21	1,652	2,774,695	-	8	14	429	756,483		
COAL-----																	
ILLINOIS																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	27	51,979	
NONMETAL-----	-	-	-	-	-	-	1	-	21	41,903	-	6	1	93	194,823		
STONE-----	-	5	4	232	585,533	-	24	13	1,006	2,005,773	-	33	23	1,314	2,867,985		
SAND AND GRAVEL--	-	-	-	-	-	-	11	6	676	1,217,734	-	-	-	-	-	-	
TOTAL-----	-	5	4	232	585,533	-	36	19	1,703	3,265,410	-	40	24	1,434	3,114,787		
COAL-----	-	189	99	3,044	6,638,244	26,807,222	-	3	1	414	1,028,475	6,049,358	-	14	-	410	850,468
INDIANA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	1	-	50	119,882	-	-	2	26	39,899	-	-	-	43	120,219		
STONE-----	-	2	-	133	310,697	-	29	14	735	1,562,357	-	1	45	28	1,222	2,627,326	
SAND AND GRAVEL--	-	-	-	-	-	-	13	14	702	1,402,942	-	-	-	-	-	-	
TOTAL-----	-	3	-	183	430,579	-	-	30	1,463	3,005,198	-	1	48	28	1,265	2,747,545	
COAL-----	-	39	23	1,082	2,769,910	10,604,068	-	32	7	1,376	3,505,265	24,749,029	-	7	7	487	1,254,173
IOWA																	
METAL-----	-	-	-	-	-	-	-	-	9	20,856	-	-	-	-	-	-	
NONMETAL-----	-	5	2	76	151,584	-	-	1	66	120,802	-	-	1	25	47,575		
STONE-----	-	2	2	195	416,868	-	25	4	888	1,733,832	-	-	19	621	1,347,854		
SAND AND GRAVEL--	-	-	-	-	-	-	5	4	567	881,849	-	-	-	-	-	-	
TOTAL-----	-	7	4	271	568,452	-	-	9	1,530	2,757,339	-	-	20	12	646	1,395,429	
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, 2007 - 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	4	121	233,695	-	1	-	20	27,868	-	3	2	99	189,830	-	
STONE-----	-	-	-	17	35,492	-	9	7	792	1,461,215	-	6	6	486	916,651	-	
SAND AND GRAVEL--	-	-	-	-	-	-	2	2	326	534,282	-	-	-	-	-	-	
TOTAL-----	-	1	4	138	269,187	-	12	9	1,138	2,023,365	-	9	8	585	1,106,481	-	
COAL-----	-	-	-	-	-	-	-	-	51	104,537	420,436	-	-	-	12	21,844	
KENTUCKY																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	39	60,369	-	3	2	51	101,755	-	
STONE-----	-	5	1	552	1,149,693	-	21	3	802	1,731,478	-	21	18	943	1,960,810	-	
SAND AND GRAVEL--	-	-	-	-	-	-	4	5	163	310,693	-	-	-	-	-	-	
TOTAL-----	-	5	1	552	1,149,693	-	25	8	1,004	2,102,540	-	24	20	994	2,062,565	-	
COAL-----	-	535	262	9,769	22,212,744	69,216,574	2	115	27	5,105	11,253,964	45,937,278	-	41	14	1,967	4,624,337
LOUISIANA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	4	4	318	679,165	-	-	-	29	18,647	-	9	4	344	1,240,645	-	
STONE-----	-	-	-	-	-	-	-	-	11	22,131	-	8	4	369	789,959	-	
SAND AND GRAVEL--	-	-	-	-	-	-	1	17	7	717	1,415,218	-	1	-	15	29,632	
TOTAL-----	-	4	4	318	679,165	-	1	17	7	757	1,455,996	-	18	8	728	2,060,236	
COAL-----	-	-	-	-	-	-	-	3	3	230	498,818	3,126,586	-	-	-	1	1,842
MAINE																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	-	3	2	163	290,076	-	6	1	129	263,071	
SAND AND GRAVEL--	-	-	-	-	-	-	-	1	1	509	642,627	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	-	4	3	672	932,703	-	6	1	129	263,071	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MARYLAND																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	2	214	-	-	-	-	-	-	
STONE-----	-	1	-	5	9,871	-	-	9	3	348	672,464	-	31	15	680	1,401,226	
SAND AND GRAVEL--	-	-	-	-	-	-	-	4	4	317	723,755	-	-	-	-	-	
TOTAL-----	-	1	-	5	9,871	-	-	13	7	667	1,396,433	-	31	15	680	1,401,226	
COAL-----	-	13	4	82	187,475	610,696	2	2	4	232	511,298	1,690,489	-	-	1	55	107,559

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, 2007 - 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	-	17	41,475	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	8	8	380	652,671	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	5	-	475	634,904	-	-	-	267	512,322	-	
TOTAL-----	-	-	-	-	-	-	14	8	872	1,329,050	-	-	-	267	512,322	-	
COAL-----																	
MI CHIGAN																	
METAL-----	-	-	-	1	28	-	7	14	556	1,146,919	-	-	11	17	711	1,667,680	
NONMETAL-----	-	-	-	36	103,727	-	-	-	44	82,645	-	-	-	2	2	4,914	
STONE-----	-	-	-	-	-	-	11	7	387	810,198	-	-	18	2	792	1,762,953	
SAND AND GRAVEL--	-	-	-	-	-	-	15	9	1,497	2,050,106	-	-	-	-	-	-	
TOTAL-----	-	-	-	37	103,755	-	33	30	2,484	4,089,868	-	-	29	28	1,505	3,435,547	
COAL-----																	
MI NNESOTA																	
METAL-----	-	-	-	-	-	2	12	13	1,642	3,387,279	-	-	35	18	1,532	3,254,439	
NONMETAL-----	-	-	-	-	-	-	-	-	4	5,508	-	-	2	2	22	48,957	
STONE-----	-	-	-	-	-	-	4	4	393	653,111	-	-	2	-	24	37,440	
SAND AND GRAVEL--	-	-	-	-	-	-	13	11	1,388	1,724,445	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	2	29	28	3,427	5,770,343	-	-	39	20	1,578	3,340,836	
COAL-----																	
MI SSI SSI PPI																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	21	32,155	-	-	4	2	265	588,114	
STONE-----	-	-	-	-	-	-	-	-	17	32,048	-	-	1	-	102	189,444	
SAND AND GRAVEL--	-	-	-	-	-	-	15	5	562	1,209,669	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	15	5	600	1,273,872	-	-	5	2	367	777,558	
COAL-----																	
MI SSOURI																	
METAL-----	1	9	11	539	1,178,591	-	2	-	9	15,925	-	-	-	3	116	232,332	
NONMETAL-----	-	-	-	-	-	-	-	-	53	88,042	-	-	17	2	265	545,788	
STONE-----	-	5	6	334	757,346	-	35	16	1,519	2,831,591	-	-	66	36	2,253	4,503,020	
SAND AND GRAVEL--	-	-	-	-	-	-	5	10	476	776,090	-	-	-	-	-	-	
TOTAL-----	1	14	17	873	1,935,937	-	42	26	2,057	3,711,648	-	-	83	41	2,634	5,281,140	
COAL-----																	
	-	-	-	-	-	-	-	-	14	33,919	236,107	-	-	-	-	-	

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

JANUARY - DECEMBER, 2007 - 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-----	1	31	29	1,413	2,826,111	-	5	4	455	910,286	-	5	2	415	835,389		
NONMETAL-----	-	-	-	-	-	-	-	-	62	109,074	-	2	-	147	282,835		
STONE-----	-	-	-	-	-	-	12	8	299	391,093	-	1	2	140	288,431		
SAND AND GRAVEL--	-	-	-	-	-	-	9	3	687	755,552	-	-	-	-	-		
TOTAL-----	1	31	29	1,413	2,826,111	-	26	15	1,503	2,166,005	-	8	4	702	1,406,655		
COAL-----	-	-	-	7	10,807	47,165	-	18	14	848	1,695,364	43,342,668	-	-	-	74	136,989
NEBRASKA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL-----	-	-	-	-	-	-	-	-	4	4,912	-	-	-	-	-	-	-
STONE-----	-	2	5	91	223,965	-	2	2	80	154,029	-	7	2	202	447,898	-	-
SAND AND GRAVEL--	-	-	-	-	-	-	1	4	509	764,558	-	-	-	-	-	-	-
TOTAL-----	-	2	5	91	223,965	-	6	6	593	923,499	-	7	2	202	447,898	-	-
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEVADA																	
METAL-----	2	45	30	1,867	3,773,049	-	53	28	3,495	7,906,891	-	28	18	1,953	4,147,547		
NONMETAL-----	-	-	-	4	8,479	-	1	2	172	341,072	-	19	9	433	931,795		
STONE-----	-	-	-	-	-	-	2	1	193	342,946	-	15	5	227	449,680		
SAND AND GRAVEL--	-	-	-	-	-	-	15	5	1,022	1,840,768	-	-	-	-	-	-	-
TOTAL-----	2	45	30	1,871	3,781,528	-	71	36	4,882	10,431,677	-	62	32	2,613	5,529,022	-	-
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW HAMPSHIRE																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE-----	-	-	-	-	-	-	1	5	202	365,122	-	4	1	25	51,972	-	-
SAND AND GRAVEL--	-	-	-	-	-	-	-	5	403	569,727	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	1	10	605	934,849	-	4	1	25	51,972	-	-
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	11	25,240	-	-
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	1	44	80,702	-	-
STONE-----	-	-	-	-	-	-	15	5	325	711,243	-	11	2	309	662,265	-	-
SAND AND GRAVEL--	-	-	-	-	-	-	17	2	517	1,037,063	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	32	7	842	1,748,306	-	12	2	364	768,207	-	-
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, 2007 - 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-----	-	10	3	208	463,552	-	26	3	741	1,550,081	-	-	-	412	835,573		
NONMETAL-----	-	37	5	492	1,024,768	-	1	-	79	133,254	-	16	3	503	1,061,685		
STONE-----	-	-	-	-	-	-	9	4	383	633,141	-	9	4	85	155,060		
SAND AND GRAVEL--	-	-	-	-	-	-	6	3	664	1,068,106	-	2	2	-	-		
TOTAL-----	-	47	8	700	1,488,320	-	42	10	1,867	3,384,582	-	27	9	1,000	2,052,318		
COAL-----	1	7	6	321	671,950	6,898,040	-	12	11	935	1,836,145	17,552,789	-	1	-	72	120,995
NEW YORK																	
METAL-----	-	24	10	154	356,562	-	1	1	26	46,871	-	3	2	69	150,571		
NONMETAL-----	-	12	3	319	665,359	-	3	1	65	118,501	-	8	6	204	405,482		
STONE-----	-	2	-	16	42,756	-	13	11	985	1,703,102	-	18	17	1,116	2,393,877		
SAND AND GRAVEL--	-	-	-	-	-	-	20	10	1,283	2,084,987	-	-	-	-	-		
TOTAL-----	-	38	13	489	1,064,677	-	37	23	2,359	3,953,461	-	29	25	1,389	2,949,930		
COAL-----																	
NORTH CAROLINA																	
METAL-----	-	-	-	6	600	-	-	-	-	-	-	-	-	3	1,350		
NONMETAL-----	-	-	-	-	-	-	7	2	415	895,563	-	12	7	533	1,252,745		
STONE-----	-	-	-	-	-	-	19	14	1,113	2,379,980	-	1	13	1,007	2,190,446		
SAND AND GRAVEL--	-	-	-	-	-	-	4	6	661	1,248,207	-	-	-	-	-		
TOTAL-----	-	-	-	6	600	-	30	22	2,189	4,523,750	-	1	25	17	1,543	3,444,541	
COAL-----																	
NORTH DAKOTA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	5	1,180	-	5	2	32	60,224		
STONE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	4	1	341	453,691	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	4	1	346	454,871	-	5	2	32	60,224		
COAL-----	-	-	-	-	-	-	3	8	958	1,855,085	29,606,266	-	1	-	8	14,676	
OHIO																	
METAL-----	-	-	-	-	-	-	-	-	4	8,514	-	-	-	-	-	-	
NONMETAL-----	-	5	7	270	610,691	-	1	2	81	135,461	-	-	-	67	137,041		
STONE-----	-	2	-	64	110,008	-	1	12	683	1,350,370	-	32	16	1,283	2,640,549		
SAND AND GRAVEL--	-	-	-	-	-	-	1	15	1,170	2,215,914	-	-	-	-	-	-	
TOTAL-----	-	7	7	334	720,699	-	2	28	1,938	3,710,259	-	32	16	1,350	2,777,590		
COAL-----	-	72	33	1,285	2,776,816	15,792,616	-	17	8	929	2,001,959	6,789,237	-	1	3	306	728,313

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, 2007 - 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-----	-	-	-	-	-	-	1	1	181	372,906	-	-	-	17	37,414	-	
STONE-----	-	3	2	21	45,200	-	33	14	1,624	3,143,151	-	-	-	838	1,784,113	-	
SAND AND GRAVEL--	-	-	-	-	-	-	9	3	455	914,676	-	-	-	-	-	-	
TOTAL-----	-	3	2	21	45,200	-	43	18	2,260	4,430,733	-	-	-	855	1,821,527	-	
COAL-----	-	15	3	78	181,707	514,288	1	6	3	149	391,528	1,133,647	-	-	-	-	
OREGON																	
METAL-----	-	5	3	22	37,447	-	-	-	8	1,716	-	-	-	12	21,190	-	
NONMETAL-----	-	-	-	-	-	-	-	-	30	37,471	-	-	-	98	191,758	-	
STONE-----	-	-	-	-	-	-	18	12	1,037	1,717,005	-	-	-	91	181,151	-	
SAND AND GRAVEL--	-	-	-	-	-	-	1	13	3	646	1,145,621	-	-	-	-	-	
TOTAL-----	-	5	3	22	37,447	-	1	31	15	1,721	2,901,813	-	-	6	201	394,099	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PENNSYLVANIA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9,807	-	
NONMETAL-----	-	-	-	-	-	-	-	-	14	8,032	-	-	-	64	120,182	-	
STONE-----	-	9	4	261	609,812	-	70	44	2,728	5,268,343	-	-	-	2,477	5,148,185	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	20	6	594	1,149,438	-	-	-	-	-	
TOTAL-----	-	9	4	261	609,812	-	90	50	3,336	6,425,813	-	-	-	2,546	5,278,174	-	
COAL-ANTHRACITE--	-	3	-	114	185,576	223,756	-	17	11	572	1,048,603	1,344,733	-	15	10	355	712,321
BITUMINOUS--	1	280	79	3,936	9,340,460	48,170,279	-	31	11	1,615	3,477,964	10,310,697	-	12	4	663	1,515,208
PUERTO RICO																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	1	25	5	602	1,089,846	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	5	2	261	458,064	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	1	30	7	863	1,547,910	-	-	1	728	1,433,420	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RHODE ISLAND																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	-	-	37	83,241	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	4	-	150	203,273	-	-	-	18	26,198	
TOTAL-----	-	-	-	-	-	-	-	4	-	187	286,514	-	-	-	18	26,198	
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, 2007 - 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-----	-	-	-	-	-	-	-	-	2	3,120	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	1	64	98,308	-	4	-	157	326,246	-	
STONE-----	-	-	-	-	-	-	11	9	316	733,155	-	11	8	672	1,417,206	-	
SAND AND GRAVEL--	-	-	-	-	-	-	7	1	348	691,800	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	18	11	730	1,526,383	-	15	8	829	1,743,452	-	
COAL-----																	
SOUTH DAKOTA																	
METAL-----	-	-	-	8	5,293	-	3	2	113	240,454	-	-	-	27	49,104	-	
NONMETAL-----	-	-	-	-	-	-	-	2	16	30,820	-	3	-	79	158,354	-	
STONE-----	-	-	-	-	-	-	9	8	229	422,876	-	10	4	186	378,445	-	
SAND AND GRAVEL--	-	-	-	-	-	-	5	6	456	744,574	-	-	-	-	-	-	
TOTAL-----	-	-	-	8	5,293	-	17	18	814	1,438,724	-	13	4	292	585,903	-	
COAL-----																	
TENNESSEE																	
METAL-----	-	15	9	322	759,580	-	1	-	27	59,230	-	-	1	56	126,277	-	
NONMETAL-----	-	-	-	-	-	-	-	2	98	151,184	-	14	3	218	406,703	-	
STONE-----	-	3	-	80	168,308	-	13	6	1,055	1,807,673	-	39	14	1,057	2,126,545	-	
SAND AND GRAVEL--	-	-	-	-	-	-	9	1	315	642,500	-	-	-	-	-	-	
TOTAL-----	-	18	9	402	927,888	-	23	9	1,495	2,660,587	-	53	18	1,331	2,659,525	-	
COAL-----	-	18	9	194	394,609	891,648	-	16	8	318	736,715	1,762,803	-	2	-	63	122,656
TENNESSEE																	
METAL-----	-	-	-	-	-	-	-	-	181	143,759	1	58	19	1,185	2,511,965	-	
NONMETAL-----	-	1	-	57	132,966	-	4	1	250	462,970	-	16	10	714	1,626,653	-	
STONE-----	-	1	-	19	40,046	-	80	30	4,044	8,761,409	-	61	32	2,332	5,439,379	-	
SAND AND GRAVEL--	-	-	-	-	-	-	60	22	2,918	6,761,304	-	-	-	-	-	-	
TOTAL-----	-	2	-	76	173,012	-	144	53	7,393	16,129,442	1	135	61	4,231	9,577,997	-	
COAL-----	-	-	-	-	-	-	1	14	22	2,169	4,736,055	41,948,406	-	-	-	25	53,303
UTAH																	
METAL-----	-	-	-	26	17,826	-	10	4	845	1,797,480	-	6	10	515	1,065,795	-	
NONMETAL-----	-	6	6	107	192,120	-	2	-	112	190,077	-	6	6	214	408,908	-	
STONE-----	-	-	-	2	1,558	-	5	7	335	467,806	-	3	9	218	430,230	-	
SAND AND GRAVEL--	-	-	-	-	-	-	16	18	1,332	2,463,132	-	-	-	-	-	-	
TOTAL-----	-	6	6	135	211,504	-	33	29	2,624	4,918,495	-	15	25	947	1,904,933	-	
COAL-----	9	68	36	1,742	3,632,834	24,306,581	-	-	6	11,754	-	-	1	-	133	261,158	

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, 2007 - 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-----	-	-	-	-	-	-	8	15,126	-	-	-	17	33,268	-	-	-	
STONE-----	-	-	-	21	38,785	-	396	638,732	-	-	-	432	841,299	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	225	259,823	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	21	38,785	-	629	913,681	-	-	-	449	874,567	-	-	-	
COAL-----																	
VIRGIN ISLANDS																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	49	118,904	-	-	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	49	118,904	-	-	-	-	-	-	-	-	
COAL-----																	
VIRGINIA																	
METAL-----	-	-	-	-	-	-	22	59,043	-	-	-	80	197,893	-	-	-	
NONMETAL-----	-	3	-	4	3,326	-	62	104,159	-	-	-	316	803,286	-	-	-	
STONE-----	-	4	-	45	78,100	-	855	1,735,657	-	-	-	1,580	3,427,263	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	347	732,566	-	-	-	-	-	-	-	-	
TOTAL-----	-	7	-	49	81,426	-	1,286	2,631,425	-	-	-	1,976	4,428,442	-	-	-	
COAL-----	-	123	50	2,858	5,720,459	15,730,585	-	1,282	2,895,533	9,731,490	-	699	1,669,500	-	-	-	
WASHINGTON																	
METAL-----	-	5	7	181	334,259	-	8	10,297	-	-	-	46	85,772	-	-	-	
NONMETAL-----	-	-	-	-	-	-	27	47,349	-	-	-	64	150,949	-	-	-	
STONE-----	-	-	-	-	-	-	600	992,464	-	-	-	301	585,457	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	1,317	2,324,402	-	-	-	-	-	-	-	-	
TOTAL-----	-	5	7	181	334,259	-	1,952	3,374,512	-	-	-	411	822,178	-	-	-	
COAL-----	-	-	-	-	-	-	43	102,330	-	-	-	-	-	-	-	-	
WEST VIRGINIA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	12	25,453	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	22	51,633	-	-	-	
STONE-----	-	3	1	68	160,060	-	235	446,496	-	-	-	464	943,713	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	16	24,925	-	-	-	-	-	-	-	-	
TOTAL-----	-	3	1	68	160,060	-	251	471,421	-	-	-	498	1,020,799	-	-	-	
COAL-----	7	655	250	12,251	26,952,912	90,002,628	-	5,661	13,998,999	68,669,694	-	2,475	5,630,490	-	-	-	

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

JANUARY - DECEMBER, 2007 - 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	-	23	51,838	-	-	-	-	-	-	-	27	54,597	-	54,597	
STONE-----	-	-	-	-	-	-	59	19	1,084	1,998,540	-	-	663	1,346,793	-	1,346,793	
SAND AND GRAVEL--	-	-	-	-	-	-	11	8	1,111	1,590,639	-	-	-	-	-	-	
TOTAL-----	-	1	-	23	51,838	-	70	27	2,195	3,589,179	-	-	690	1,401,390	-	1,401,390	
COAL-----																	
WYOMING																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	1	44	22	921	1,754,199	-	7	3	196	382,805	-	-	1,776	3,617,977	-	3,617,977	
STONE-----	-	-	-	-	-	-	2	3	97	212,197	-	-	131	288,290	-	288,290	
SAND AND GRAVEL--	-	-	-	-	-	-	7	7	490	634,806	-	-	-	-	-	-	
TOTAL-----	1	44	22	921	1,754,199	-	16	13	783	1,229,808	-	-	1,907	3,906,267	-	3,906,267	
COAL-----	-	8	3	201	429,084	2,821,835	-	47	31	5,826	12,483,808	450,746,424	-	5	10	170	348,865
NATION																	
METAL-----	4	211	132	6,269	12,729,121		2	281	136	12,968	27,526,683		1	306	166	12,280	26,192,750
NONMETAL-----	1	120	53	2,814	5,740,277		-	84	32	4,811	9,451,736		-	304	144	11,694	24,690,048
STONE-----	-	52	27	2,291	5,073,608		6	846	415	35,695	69,448,760		2	982	504	32,925	69,889,975
SAND AND GRAVEL--	-	-	-	-	-		5	657	302	38,182	66,826,618		-	-	-	-	-
TOTAL-----	5	383	212	11,374	23,543,006		13	1,868	885	91,656	173,253,797		3	1,592	814	56,899	120,772,773
COAL-----	20	2,261	922	40,790	90,572,181	351,789,934	7	508	236	31,042	69,384,407	794,835,972	1	173	92	8,521	19,277,992

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

JANUARY - DECEMBER, 2007

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-----	-	23	6	-	1	1	-	2	-	-	-	1	1	-	-	-	-	-
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODING VESSELS	-	8	3	-	4	2	-	-	1	-	-	-	-	-	-	3	1	-
UNDER PRESSURE-----	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
EXPLOSIVES AND BREAKING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AGENTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALLING, ROLLING, OR	1	6	3	-	2	1	-	1	-	-	1	2	-	1	1	-	1	2
SLIDING MATERIAL-----	9	101	13	2	6	1	-	-	-	-	7	1	-	-	1	-	-	-
FALL OF FACE, RIB, SIDE	3	291	146	-	-	-	-	-	-	2	15	13	-	-	-	-	-	-
OR HIGHWALL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALL OF ROOF (UNDER-	1	642	266	-	113	83	-	50	39	-	47	52	-	78	49	-	124	78
GROUND MINES ONLY)----	-	148	195	-	29	39	-	18	17	-	16	18	-	18	29	-	29	46
FIRE-----	-	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-	6	2
HANDLING MATERIAL-----	1	268	65	2	72	19	-	11	2	2	27	5	-	41	8	-	17	-
HAND TOOLS-----	-	4	5	2	47	13	-	2	1	1	6	2	-	33	6	-	4	-
NONPOWERED HAULAGE-----	-	4	-	-	17	4	-	4	-	-	-	-	-	2	2	-	6	-
POWERED HAULAGE-----	1	260	60	-	8	2	-	5	1	1	21	3	-	6	-	-	7	-
HAULAGE TRUCKS-----	-	2	-	-	1	-	-	1	-	-	2	1	-	-	-	-	-	-
FRONT-END LOADERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER POWERED	1	6	-	-	1	-	-	-	3	-	-	-	-	-	-	-	1	-
HAULAGE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
HOISTING-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
IGNITION OR EXPLOSION	-	6	-	-	1	-	-	-	3	-	-	-	-	-	-	-	1	-
OF GAS OR DUST-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IMPOUNDMENT-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
INUNDATION-----	2	225	128	2	72	31	-	10	16	-	21	17	2	43	19	-	28	10
MACHINERY-----	-	-	1	-	34	5	-	2	1	-	1	-	-	7	1	-	1	1
DOZER-----	-	-	-	-	6	1	-	-	-	-	1	-	1	-	2	-	-	-
DRI LL-----	2	225	127	2	32	25	-	8	15	-	19	17	1	36	16	-	27	9
ALL OTHER MACHINERY--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLIPS OR FALLS OF	2	416	54	-	174	41	1	71	10	-	57	18	-	81	15	-	81	18
PERSON-----	1	56	1	-	15	4	-	3	-	-	10	-	-	5	1	-	4	-
STEPPING OR KNEELING	-	27	31	-	1	4	-	2	1	-	-	1	-	2	1	-	2	3
ON OBJECT-----	-	39	9	-	11	9	-	3	3	-	8	3	-	11	7	1	10	5
STRIKING OR BUMPING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER-----	20	2,261	922	7	508	236	1	173	92	4	211	132	2	281	136	1	306	166
TOTAL-----																		

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

JANUARY - DECEMBER, 2007 - 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	-	-	2	1	-	-	-	-	4	-	-	6	-	-	3	-
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODING VESSELS UNDER PRESSURE-----	-	1	-	-	-	-	-	-	1	-	-	1	3	2	-	6	1	-	5	1	
EXPLOSIVES AND BREAKING AGENTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	1	-	-	3	1	-	1	1	-	-	1	3	1	-	6	1	-	1	3	
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	
FALL OF ROOF (UNDER- GROUND MINES ONLY)-----	-	6	2	-	-	-	-	-	-	-	5	1	-	-	-	-	-	-	-	-	
FIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	1	
HANDLING MATERIAL-----	-	33	15	-	23	13	-	126	46	-	16	7	1	310	136	-	363	179	-	234	
HAND TOOLS-----	-	17	11	-	6	3	-	18	28	-	5	6	-	94	98	1	111	120	-	88	
NONPOWERED HAULAGE-----	-	-	-	-	2	-	-	4	1	-	-	-	-	4	-	6	1	-	-	1	
POWERED HAULAGE-----	1	12	5	-	6	2	-	25	9	-	8	1	2	80	29	-	56	21	3	69	
HAULAGE TRUCKS-----	-	2	2	-	4	1	-	-	2	-	4	-	1	28	12	-	12	5	1	19	
FRONT-END LOADERS-----	-	-	-	-	1	-	-	6	4	-	-	-	-	36	14	-	17	6	1	24	
ALL OTHER POWERED HAULAGE-----	1	10	3	-	1	1	-	19	3	-	4	1	1	16	3	-	27	10	1	26	
HOISTING-----	-	1	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	2	-	-	
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	3	
IMPOUNDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INUNDATION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MACHINERY-----	-	13	9	-	11	1	-	33	11	-	4	5	2	76	51	-	106	69	-	50	
DOZER-----	-	-	-	-	1	-	-	-	-	-	-	-	1	4	-	-	-	2	-	5	
DRI LL-----	-	-	-	-	3	-	-	-	-	-	1	-	-	1	1	-	1	-	-	-	
ALL OTHER MACHINERY-- SLIPS OR FALLS OF PERSON-----	-	13	9	-	7	1	-	33	11	-	3	5	1	71	50	-	105	67	-	45	
STEPPING OR KNEELING ON OBJECT-----	-	24	6	-	26	9	-	79	32	-	11	3	-	209	62	-	250	63	1	170	
STRIKING OR BUMPING OTHER-----	-	5	-	-	2	-	-	3	1	-	2	-	-	26	6	-	31	6	-	9	
TOTAL-----	1	120	53	-	84	32	-	304	144	-	52	27	6	846	415	2	982	504	5	657	

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, 2007

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		177		50		230				
SURFACE-----	1		48		15		64				
TOTAL, UNDERGROUND MINES--	4		225		65		294				
SURFACE MINES:											
STRIP MINES-----	-		157		82		239				
AUGER MINES-----	-		-		-		-				
OTHER SURFACE MINES-----	-		1		1		2				
TOTAL, SURFACE MINES-----	-		158		83		241				
TOTAL, PRODUCTION MINING--	4		383		148		535				
PREPARATION PLANTS-----	2		74		37		113				
INDEPENDENT SHOPS/YARDS-----	-		-		-		-				
TOTAL, OTHER OPERATIONS---	2		74		37		113				
TOTAL, BITUMINOUS MINING--	6		457		185		648				
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-----	-		3		2		5				
INDEPENDENT SHOPS/YARDS-----	-		-		-		-				
TOTAL, OTHER OPERATIONS---	-		3		2		5				
TOTAL, ANTHRACITE MINING--	-		3		2		5				
ALL COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	3	.10	177	5.76	50	1.63	230	7.49	5,160	6,142,801	206,094
SURFACE-----	1	.03	48	1.50	15	.47	64	2.01	6,437	6,380,942	-
TOTAL, UNDERGROUND MINES--	4	.06	225	3.59	65	1.04	294	4.70	11,597	12,523,743	206,094
SURFACE MINES:											
STRIP MINES-----	-		157	1.60	82	.84	239	2.44	15,761	19,605,481	894,287
AUGER MINES-----	-		-		-		-		129	58,241	18,013
CULM BANK-----	-		1	.41	-		1	.41	567	488,122	-
DREDGE-----	-		-		1	3.42	1	3.42	157	58,541	-
TOTAL, SURFACE MINES-----	-		158	1.56	83	.82	241	2.38	16,614	20,210,385	912,300
TOTAL, PRODUCTION MINING--	4	.02	383	2.34	148	.90	535	3.27	28,211	32,734,128	1,118,394
PREPARATION PLANTS-----	2	.04	77	1.62	39	.82	118	2.49	8,056	9,484,247	-
INDEPENDENT SHOPS/YARDS-----	-		-		-		-		462	629,856	-
TOTAL, OTHER OPERATIONS---	2	.04	77	1.52	39	.77	118	2.33	8,518	10,114,103	-
TOTAL, ALL COAL-----	6	.03	460	2.15	187	.87	653	3.05	36,729	42,848,231	1,118,394
OFFICEWORKERS:											
BITUMINOUS-----	-		2		1		3				
ANTHRACITE-----	-		-		-		-				
TOTAL, OFFICEWORKERS-----	-		2	.15	1	.08	3	.23	2,136	2,634,558	-
GRAND TOTAL-----	6	.03	462	2.03	188	.83	656	2.88	38,865	45,482,789	1,118,394

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

JANUARY - DECEMBER, 2007

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-----	2		55		47		104			
NONMETAL-----	-		4		5		9			
STONE-----	-		6		4		10			
TOTAL, UNDERGROUND MINES--	2	.06	65	2.04	56	1.76	123	3.87	6,488	6,360,752
SURFACE MINES:										
METAL-----	3		125		89		217			
NONMETAL-----	-		17		12		29			
STONE-----	2		105		50		157			
SUBTOTAL, SURFACE MINES--	5		247		151		403			
SAND AND GRAVEL-----	-		13		8		21			
TOTAL, SURFACE MINES-----	5	.02	260	1.21	159	.74	424	1.97	40,145	43,147,892
TOTAL, MINES-----	7	.03	325	1.31	215	.87	547	2.21	46,633	49,508,644
MILLS:										
METAL-----	1		48		32		81			
NONMETAL-----	-		17		9		26			
STONE-----	3		108		84		195			
TOTAL, MILLS-----	4	.04	173	1.53	125	1.10	302	2.67	18,426	22,626,593
INDEPENDENT SHOPS AND YARDS:										
METAL-----	-		-		-		-			
NONMETAL-----	-		-		-		-			
STONE-----	-		-		-		-			
TOTAL, SHOPS AND YARDS---	-		-		-		-		38	45,047
ALL MINES, MILLS AND SHOPS:										
METAL-----	6		228		168		402			
NONMETAL-----	-		38		26		64			
STONE-----	5		219		138		362			
SUBTOTAL-----	11		485		332		828			
SAND AND GRAVEL-----	-		13		8		21			
TOTAL, MINES/MILLS/SHOPS--	11	.03	498	1.38	340	.94	849	2.35	65,097	72,180,284
OFFICEWORKERS:										
METAL-----	-		1		1		2			
NONMETAL-----	-		1		-		1			
STONE-----	-		1		-		1			
SAND AND GRAVEL-----	-		-		-		-			
TOTAL, OFFICEWORKERS---	-		3	.15	1	.05	4	.19	2,747	4,121,014
SUMMARY TOTAL (INCLUDES OFFICEWORKERS):										
METAL-----	6		229		169		404			
NONMETAL-----	-		39		26		65			
STONE-----	5		220		138		363			
SUBTOTAL-----	11		488		333		832			
SAND AND GRAVEL-----	-		13		8		21			
GRAND TOTAL-----	11	.03	501	1.31	341	.89	853	2.24	67,844	76,301,298

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

JANUARY - DECEMBER, 2007

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--							5		1					6		2	
TOTAL-----							5		1					6		2	
COAL-----		15					3		1				1		1		
ALASKA																	
METAL-----		9		5			2		7		4				3		
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		9		5			2		7		4				3		
COAL-----																	
ARI ZONA																	
METAL-----				4			1	57		47				20		10	
NONMETAL-----								1									
STONE-----								4		1				7		2	
SAND AND GRAVEL--								5		2							
TOTAL-----				4			1	67		50				27		12	
COAL-----																	
ARKANSAS																	
METAL-----														1			
NONMETAL-----																	
STONE-----								1		2					1		
SAND AND GRAVEL--										1							
TOTAL-----								1		3				1		1	
COAL-----																	
CALIFORNIA																	
METAL-----		2													1		
NONMETAL-----																	
STONE-----								7		10				2	21	15	
SAND AND GRAVEL--								4									
TOTAL-----		2						11		10				2	22	15	
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, 2007 - 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-----		3	3				6	2									
NONMETAL-----							2						6	11			
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		3	3				8	2					6	11			
COAL-----		16	9														
FLORIDA																	
METAL-----							7	9					1	2			
NONMETAL-----							10	2					13	2			
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----							17	11					14	4			
COAL-----																	
GEORGIA																	
METAL-----								2									
NONMETAL-----							5	1					6	3			
STONE-----							4	1									
SAND AND GRAVEL--																	
TOTAL-----							9	4					6	3			
COAL-----																	
IDAHO																	
METAL-----		6	2				2	1					1	1			
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		6	2				2	1					1	1			
COAL-----																	
ILLINOIS																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--							1	1					3	1			
TOTAL-----							1	2					3	1			
COAL-----		10	1				2						2				

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

JANUARY - DECEMBER, 2007 - 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		
MAINE																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
MARYLAND																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
MICHIGAN																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
MINNESOTA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
MISSISSIPPI																	
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, 2007 - 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		
MISSOURI																	
METAL-----			1														
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--								13		8				1	6	7	
TOTAL-----			1					14		8				1	6	7	
COAL-----																	
MONTANA																	
METAL-----		5	6					2		1					1		
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		5	6					2		1					1		
COAL-----										5					1		
NEBRASKA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--															1	2	
TOTAL-----															1	2	
COAL-----																	
NEVADA																	
METAL-----		15	15					41		17					11	4	
NONMETAL-----								1		1					2	3	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		15	15					42		18					13	7	
COAL-----																	
NEW JERSEY																	
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, 2007 - 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-----																	
NONMETAL-----		1					4	9					5	1			
STONE-----								1									
SAND AND GRAVEL--																	
TOTAL-----		1					4	10					5	1			
COAL-----			1				1										
NEW YORK																	
METAL-----		7	3														
NONMETAL-----																	
STONE-----							2	1					1	3			
SAND AND GRAVEL--																	
TOTAL-----		7	3				2	1					1	3			
COAL-----																	
NORTH CAROLINA																	
METAL-----																	
NONMETAL-----																	
STONE-----							2						2				
SAND AND GRAVEL--							7	4					3				
TOTAL-----							9	4					5				
COAL-----																	
NORTH DAKOTA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----							2	4									
OHIO																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--							6	1					2				
TOTAL-----							7	1					2				
COAL-----		3	2				1						4				

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

JANUARY - DECEMBER, 2007 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
OKLAHOMA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--							2		1					1			
TOTAL-----							2		1					1			
COAL-----																	
OREGON																	
METAL-----																	
NONMETAL-----																	
STONE-----							1										
SAND AND GRAVEL--																	
TOTAL-----							1										
COAL-----																	
PENNSYLVANIA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--							1		3					4		3	
TOTAL-----							1		3					4		3	
COAL-ANTHRACITE--														3		2	
BI TUMINOUS--							35		1					7			
SOUTH CAROLINA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--														3		2	
TOTAL-----														3		2	
COAL-----																	
SOUTH DAKOTA																	
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, 2007 - 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	3	2														
NONMETAL-----		2				5	1						2				
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----	1	5	2			5	1						2				
COAL-----			1			1							1				
TEXAS																	
METAL-----													1	3			
NONMETAL-----													9	13			
STONE-----		1				1	9	2									
SAND AND GRAVEL--																	
TOTAL-----		1				1	9	2					10	16			
COAL-----							7	14									
UTAH																	
METAL-----		2	6				2	4					2	7			
NONMETAL-----							1										
STONE-----							1	1									
SAND AND GRAVEL--																	
TOTAL-----		2	6				4	5					2	7			
COAL-----		3	1										1				
VERMONT																	
METAL-----																	
NONMETAL-----																	
STONE-----													1	2			
SAND AND GRAVEL--																	
TOTAL-----													1	2			
COAL-----																	
VIRGINIA																	
METAL-----																	
NONMETAL-----													2				
STONE-----													2	3			
SAND AND GRAVEL--							1	4	4								
TOTAL-----							1	4	4					4	3		
COAL-----		7	4										1	2			

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

JANUARY - DECEMBER, 2007 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
WASHINGTON																	
METAL-----	1	3															
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--								1	1	1					1	1	
TOTAL-----	1	3						1	2						1	1	
COAL-----								1	1								
WEST VIRGINIA																	
METAL-----																	
NONMETAL-----																	
STONE-----										2					2		
SAND AND GRAVEL--																	
TOTAL-----										2					2		
COAL-----	1	80	34					79	26						32	12	
WISCONSIN																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--										1	1				2		
TOTAL-----										1	1				2		
COAL-----																	
WYOMING																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		2	5												4	1	
COAL-----		4													4	10	

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

JANUARY - DECEMBER, 2007 - 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-----	2	55	47			3	125	89				1	48	32			
NONMETAL-----		4	5				17	12					17	9			
STONE-----		6	4			2	105	50				3	108	84			
SAND AND GRAVEL--							13	8									
TOTAL-----	2	65	56	6,488	6,360,752	5	260	159	40,183	43,192,939		4	173	125	18,426	22,626,593	
COAL-----	4	225	65	11,597	12,523,743		158	83	17,076	20,840,241	912,300	2	77	39	8,056	9,484,247	

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

JANUARY - DECEMBER, 2007

ACCI DENT CLASSI FI CATON	COAL									METAL								
	UNDERGROUND			SURFACE			PREPARATI ON PLANTS			UNDERGROUND			SURFACE			MI LLS		
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
ELECTRI CAL-----	-	1	1	-	-	-	-	3	-	-	-	-	-	1	-	-	1	2
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODING VESSELS	-	1	-	-	2	-	-	1	-	-	-	-	1	-	-	1	-	-
UNDER PRESSURE-----	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-
EXPLOSIVES AND BREAKING AGENTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	2	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	7	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
FALL OF ROOF (UNDER- GROUND MINES ONLY)----	-	18	7	-	-	-	-	-	-	1	5	4	-	-	-	-	-	-
FIRE-----	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-
HANDLING MATERIAL-----	-	71	13	-	39	24	-	33	13	-	18	12	-	51	34	-	24	12
HAND TOOLS-----	-	15	14	-	9	23	-	2	8	-	4	10	-	6	13	-	8	7
NONPOWERED HAULAGE-----	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-
POWERED HAULAGE-----	-	25	3	-	36	6	1	7	-	-	4	3	-	6	4	-	-	1
HAULAGE TRUCKS-----	-	1	2	-	31	4	-	4	-	-	1	-	-	4	1	-	-	1
FRONT-END LOADERS-----	-	-	-	-	-	-	1	1	-	-	1	-	-	1	-	-	-	-
ALL OTHER POWERED HAULAGE-----	-	24	1	-	5	2	-	2	-	-	3	2	-	1	3	-	-	-
HOISTING-----	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-
IMPOUNDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INUNDATION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
MACHINERY-----	-	23	13	-	16	15	-	5	6	-	9	13	2	19	18	-	7	5
DOZER-----	-	-	-	-	6	-	-	-	-	-	-	-	-	2	3	-	-	-
DRI LL-----	-	1	1	-	-	-	-	-	-	-	1	-	-	4	3	-	-	-
ALL OTHER MACHINERY--	-	22	12	-	10	15	-	5	6	-	8	13	2	13	12	-	7	5
SLIPS OR FALLS OF PERSON-----	4	45	11	-	41	6	1	15	8	1	8	1	1	32	11	1	3	2
STEPPING OR KNEELING ON OBJECT-----	-	6	2	-	5	2	-	4	-	-	2	-	-	1	1	-	-	-
STRI KING OR BUMPING-----	-	3	-	-	2	-	-	3	-	-	-	-	-	-	1	-	-	1
OTHER-----	-	4	-	-	5	6	-	1	4	-	-	-	1	6	7	-	4	-
TOTAL-----	4	225	65	-	158	83	2	77	39	2	55	47	3	125	89	1	48	32

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

JANUARY - DECEMBER, 2007 - 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	2
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODING VESSELS UNDER PRESSURE-----	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
EXPLOSIVES AND BREAKING AGENTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	2	-	-	-
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
FALL OF ROOF (UNDER- GROUND MINES ONLY)-----	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
FIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
HANDLING MATERIAL-----	-	1	3	-	2	6	-	3	4	-	3	2	-	43	14	-	39	28	-	6	1
HAND TOOLS-----	-	1	2	-	1	3	-	-	1	-	-	1	8	8	-	9	11	-	1	1	
NONPOWERED HAULAGE-----	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	1	-	-	-	-
POWERED HAULAGE-----	-	1	-	-	4	1	-	2	-	-	-	-	12	5	-	5	5	-	2	2	
HAULAGE TRUCKS-----	-	1	-	-	4	1	-	-	-	-	-	-	9	-	-	-	1	-	-	1	1
FRONT-END LOADERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2	-	-	-	-
ALL OTHER POWERED HAULAGE-----	-	-	-	-	-	-	-	2	-	-	-	-	3	3	-	5	2	-	1	1	
HOISTING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
IMPOUNDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INUNDATION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINERY-----	-	-	-	-	3	-	-	3	1	-	-	1	-	14	10	1	15	18	-	1	1
DOZER-----	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-
DRI LL-----	-	-	-	-	1	-	-	-	-	-	-	-	3	1	-	-	-	-	-	1	-
ALL OTHER MACHINERY--	-	-	-	-	2	-	-	2	1	-	-	1	-	10	9	1	15	18	-	-	1
SLIPS OR FALLS OF PERSON-----	-	1	-	-	4	1	-	7	1	-	1	1	-	15	7	2	25	11	-	1	1
STEPPING OR KNEELING ON OBJECT-----	-	-	-	-	1	-	-	1	-	-	-	-	4	-	-	4	1	-	-	-	-
STRIKING OR BUMPING-----	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-
OTHER-----	-	-	-	-	-	1	-	-	2	-	-	-	4	3	-	2	6	-	-	-	-
TOTAL-----	-	4	5	-	17	12	-	17	9	-	6	4	2	105	50	3	108	84	-	13	8

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