

# Mine Injury and Worktime, Quarterly

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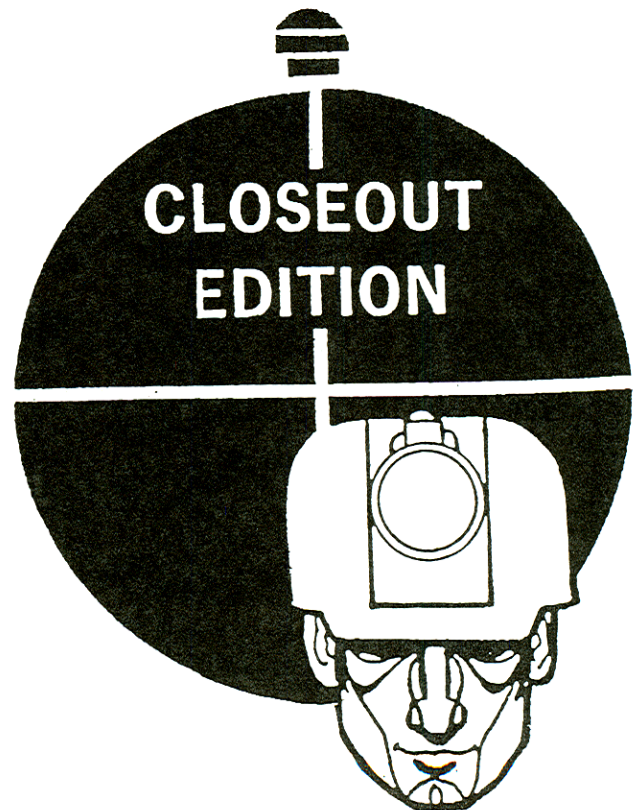


U.S. Department of Labor  
Seth D. Harris, Acting Secretary

Mine Safety and Health Administration  
Joseph A. Main, Assistant Secretary

Program Evaluation and Information Resources  
Information Technology Center

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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,  
2010, 2011 and 2012

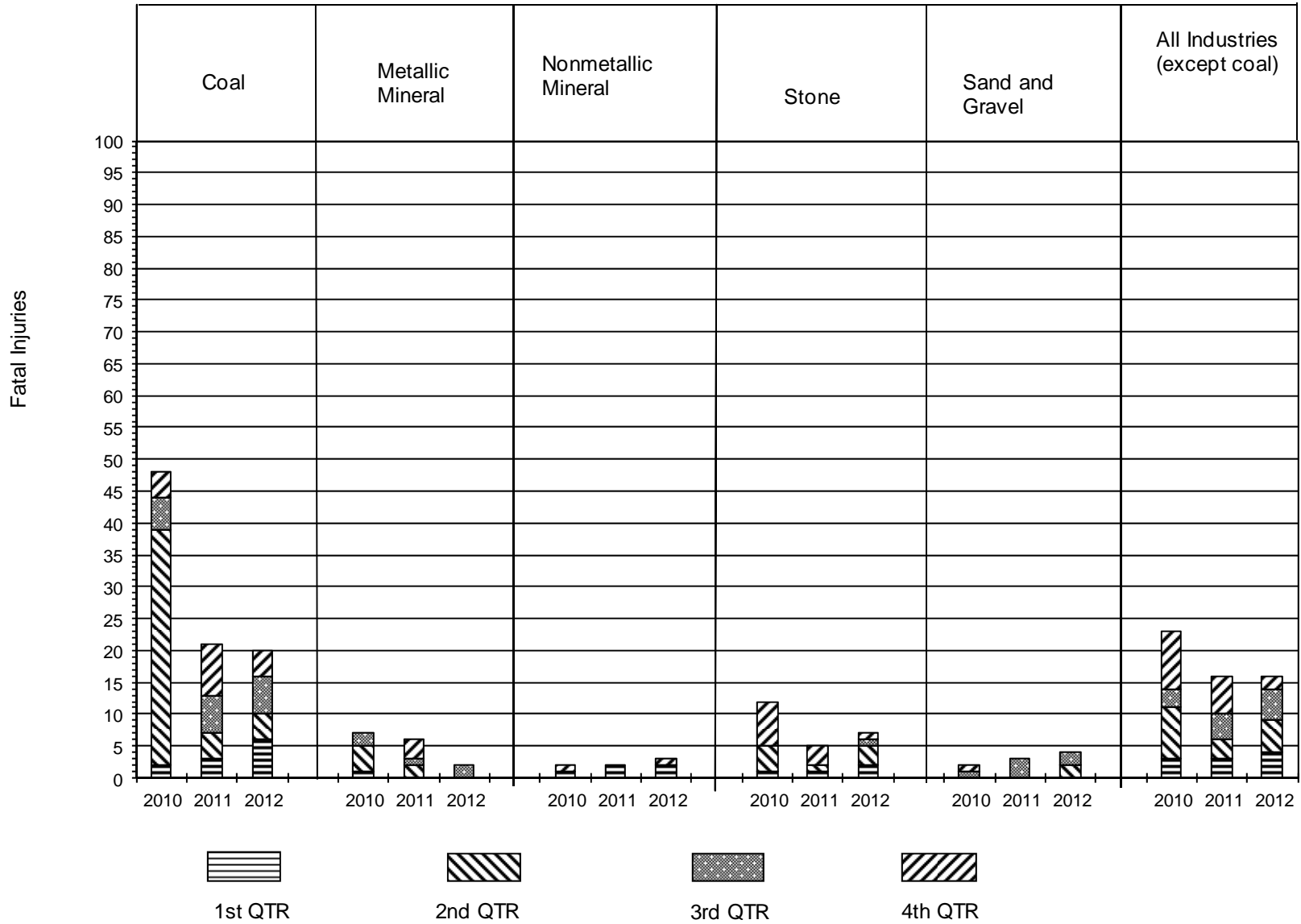


TABLE 1. NUMBER OF OPERATOR INJURIES, INJURY-INCIDENCE RATES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS, AND PRODUCTION BY TYPE OF COAL MINED AND WORK LOCATION

JANUARY - DECEMBER, 2012

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)
<b>BITUMINOUS COAL:</b>											
UNDERGROUND MINES:											
UNDERGROUND-----	12	.02	1,715	3.44	850	1.71	2,577	5.17	45,031	99,678,504	343,182,935
SURFACE-----	1	.03	93	3.14	50	1.69	144	4.86	2,927	5,928,944	-
TOTAL, UNDERGROUND MINES--	13	.02	1,808	3.42	900	1.70	2,721	5.15	47,958	105,607,448	343,182,935
SURFACE MINES:											
STRIP MINES-----	3	.01	330	1.02	128	.39	461	1.42	30,427	64,985,422	668,367,368
AUGER MINES-----	-	-	6	1.79	2	.60	8	2.38	464	671,984	2,676,488
OTHER SURFACE MINES-----	-	-	5	2.11	3	1.27	8	3.37	287	474,170	1,309,083
TOTAL, SURFACE MINES-----	3	.01	341	1.03	133	.40	477	1.44	31,178	66,131,576	672,352,939
TOTAL, PRODUCTION MINING--	16	.02	2,149	2.50	1,033	1.20	3,198	3.72	79,136	171,739,024	1,015,535,874
PREPARATION PLANTS-----	1	.01	113	1.28	70	.79	184	2.08	8,070	17,676,967	-
INDEPENDENT SHOPS/YARDS-----	1	.17	6	1.01	6	1.01	13	2.20	487	1,183,838	-
TOTAL, OTHER OPERATIONS---	2	.02	119	1.26	76	.81	197	2.09	8,557	18,860,805	-
TOTAL, BITUMINOUS MINING--	18	.02	2,268	2.38	1,109	1.16	3,395	3.56	87,693	190,599,829	1,015,535,874
<b>PENNSYLVANIA ANTHRACITE COAL:</b>											
UNDERGROUND MINES:											
UNDERGROUND-----	-	-	2	3.45	-	-	2	3.45	68	116,072	119,963
SURFACE-----	-	-	-	-	-	-	-	-	17	31,169	-
TOTAL, UNDERGROUND MINES--	-	-	2	2.72	-	-	2	2.72	85	147,241	119,963
SURFACE MINES:											
STRIP MINES-----	-	-	24	3.98	8	1.33	32	5.30	582	1,206,992	2,214,589
CULM BANK-----	-	-	1	.83	-	-	1	.83	134	241,869	33,363
DREDGE-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, SURFACE MINES-----	-	-	25	3.45	8	1.10	33	4.56	716	1,448,861	2,247,952
TOTAL, PRODUCTION MINING--	-	-	27	3.38	8	1.00	35	4.39	801	1,596,102	2,367,915
PREPARATION PLANTS-----	-	-	18	4.22	11	2.58	29	6.80	412	852,994	-
INDEPENDENT SHOPS/YARDS-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, OTHER OPERATIONS---	-	-	18	4.22	11	2.58	29	6.80	412	852,994	-
TOTAL, ANTHRACITE MINING--	-	-	45	3.67	19	1.55	64	5.23	1,213	2,449,096	2,367,915
<b>ALL COAL:</b>											
UNDERGROUND MINES:											
UNDERGROUND-----	12	.02	1,717	3.44	850	1.70	2,579	5.17	45,099	99,794,576	343,302,898
SURFACE-----	1	.03	93	3.12	50	1.68	144	4.83	2,944	5,960,113	-
TOTAL, UNDERGROUND MINES--	13	.02	1,810	3.42	900	1.70	2,723	5.15	48,043	105,754,689	343,302,898
SURFACE MINES:											
STRIP MINES-----	3	.01	354	1.07	136	.41	493	1.49	31,009	66,192,414	670,581,957
AUGER MINES-----	-	-	6	1.79	2	.60	8	2.38	464	671,984	2,676,488
CULM BANK-----	-	-	6	1.74	3	.87	9	2.61	402	688,841	1,164,482
DREDGE-----	-	-	-	-	-	-	-	-	19	27,198	177,964
TOTAL, SURFACE MINES-----	3	.01	366	1.08	141	.42	510	1.51	31,894	67,580,437	674,600,891
TOTAL, PRODUCTION MINING--	16	.02	2,176	2.51	1,041	1.20	3,233	3.73	79,937	173,335,126	1,017,903,789
PREPARATION PLANTS-----	1	.01	131	1.41	81	.87	213	2.30	8,482	18,529,961	-
INDEPENDENT SHOPS/YARDS-----	1	.17	6	1.01	6	1.01	13	2.20	487	1,183,838	-
TOTAL, OTHER OPERATIONS---	2	.02	137	1.39	87	.88	226	2.29	8,969	19,713,799	-
TOTAL, ALL COAL-----	18	.02	2,313	2.40	1,128	1.17	3,459	3.58	88,906	193,048,925	1,017,903,789
<b>OFFICEWORKERS:</b>											
BITUMINOUS-----	-	-	1	.03	-	-	1	.03	3,444	6,501,079	-
ANTHRACITE-----	-	-	1	.94	-	-	1	.94	122	211,834	-
TOTAL, OFFICEWORKERS-----	-	-	2	.06	-	-	2	.06	3,566	6,712,913	-
GRAND TOTAL-----	18	.02	2,315	2.32	1,128	1.13	3,461	3.47	92,472	199,761,838	1,017,903,789

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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, 2012

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
<b>UNDERGROUND MINES:</b>										
METAL-----	1	.01	233	2.85	113	1.38	347	4.25	8,051	16,339,519
NONMETAL-----	1	.03	89	2.91	42	1.37	132	4.32	3,060	6,110,928
STONE-----	2	.08	54	2.24	22	.91	78	3.24	2,331	4,813,251
TOTAL, UNDERGROUND MINES--	4	.03	376	2.76	177	1.30	557	4.09	13,442	27,263,698
<b>SURFACE MINES:</b>										
METAL-----	-	-	183	1.07	108	.63	291	1.71	16,190	34,131,516
NONMETAL-----	1	.02	66	1.61	26	.63	93	2.27	4,239	8,194,502
STONE-----	2	.01	499	2.01	239	.96	740	2.98	27,180	49,732,223
SUBTOTAL, SURFACE MINES--	3	.01	748	1.63	373	.81	1,124	2.44	47,609	92,058,241
SAND AND GRAVEL-----	4	.02	379	1.54	205	.83	588	2.39	30,571	49,191,892
TOTAL, SURFACE MINES-----	7	.01	1,127	1.60	578	.82	1,712	2.42	78,180	141,250,133
TOTAL, MINES-----	11	.01	1,503	1.78	755	.90	2,269	2.69	91,622	168,513,831
<b>MILLS:</b>										
METAL-----	-	-	278	1.82	118	.77	396	2.60	14,468	30,493,896
NONMETAL-----	-	-	149	1.32	82	.73	231	2.05	10,840	22,500,423
STONE-----	2	.01	581	2.17	262	.98	845	3.15	26,248	53,585,827
TOTAL, MILLS-----	2	(*)	1,008	1.89	462	.87	1,472	2.76	51,556	106,580,146
<b>INDEPENDENT SHOPS AND YARDS:</b>										
METAL-----	-	-	2	.66	3	.99	5	1.66	288	603,180
NONMETAL-----	-	-	-	-	-	-	-	-	-	-
STONE-----	-	-	7	4.61	1	.66	8	5.27	179	303,643
TOTAL, SHOPS AND YARDS---	-	-	9	1.98	4	.88	13	2.87	467	906,823
<b>ALL MINES, MILLS AND SHOPS:</b>										
METAL-----	1	(*)	696	1.71	342	.84	1,039	2.55	38,997	81,568,111
NONMETAL-----	2	.01	304	1.65	150	.82	456	2.48	18,139	36,805,853
STONE-----	6	.01	1,141	2.10	524	.97	1,671	3.08	55,938	108,434,944
SUBTOTAL-----	9	.01	2,141	1.89	1,016	.90	3,166	2.79	113,074	226,808,908
SAND AND GRAVEL-----	4	.02	379	1.54	205	.83	588	2.39	30,571	49,191,892
TOTAL, MINES/MILLS/SHOPS--	13	.01	2,520	1.83	1,221	.88	3,754	2.72	143,645	276,000,800
<b>OFFICEWORKERS:</b>										
METAL-----	-	-	6	.11	1	.02	7	.13	5,461	10,479,916
NONMETAL-----	-	-	1	.03	1	.03	2	.06	3,447	6,422,955
STONE-----	-	-	7	.08	3	.03	10	.11	10,263	18,586,400
SAND AND GRAVEL-----	-	-	1	.03	2	.05	3	.08	6,496	7,414,587
TOTAL, OFFICEWORKERS-----	-	-	15	.07	7	.03	22	.10	25,667	42,903,858
<b>SUMMARY TOTAL (INCLUDES OFFICEWORKERS):</b>										
METAL-----	1	(*)	702	1.53	343	.75	1,046	2.27	44,458	92,048,027
NONMETAL-----	2	.01	305	1.41	151	.70	458	2.12	21,586	43,228,808
STONE-----	6	.01	1,148	1.81	527	.83	1,681	2.65	66,201	127,021,344
SUBTOTAL-----	9	.01	2,155	1.64	1,021	.78	3,185	2.43	132,245	262,298,179
SAND AND GRAVEL-----	4	.01	380	1.34	207	.73	591	2.09	37,067	56,606,479
GRAND TOTAL-----	13	.01	2,535	1.59	1,228	.77	3,776	2.37	169,312	318,904,658



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

JANUARY - DECEMBER, 2012

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-----	-	-	-	-	-	-	-	-	-	5	8,210	-	-	-	27	53,645	
NONMETAL-----	-	-	-	-	-	-	1	-	-	58	93,561	-	3	2	185	396,106	
STONE-----	-	-	-	8	14,213	-	-	10	4	681	1,500,574	-	-	-	1,411	2,996,648	
SAND AND GRAVEL--	-	-	-	-	-	-	-	9	6	412	852,707	-	37	18	-	-	
TOTAL-----	-	-	-	8	14,213	-	1	19	10	1,156	2,455,052	-	-	-	1,623	3,446,399	
COAL-----	2	148	61	2,798	6,634,708	12,569,599	1	32	16	1,620	3,644,281	7,117,615	-	8	3	457	1,025,021
ALASKA																	
METAL-----	-	29	11	683	1,699,272	-	-	3	2	738	1,540,285	-	13	9	506	1,268,624	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	-	2	2	154	179,731	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	1	-	317	260,525	-	1	-	13	16,397	
TOTAL-----	-	29	11	683	1,699,272	-	-	6	4	1,209	1,980,541	-	14	9	519	1,285,021	
COAL-----	-	-	-	-	-	-	-	2	2	120	290,351	2,052,086	-	-	-	9	15,113
ARIZONA																	
METAL-----	-	8	6	256	466,136	-	-	63	33	4,197	8,991,982	-	35	18	3,402	7,346,015	
NONMETAL-----	-	-	-	-	-	-	-	1	-	59	84,294	-	-	-	11	17,100	
STONE-----	-	-	-	3	510	-	-	9	5	508	719,420	-	11	3	281	535,442	
SAND AND GRAVEL--	-	-	-	-	-	-	-	22	6	1,307	2,171,669	-	-	-	-	-	
TOTAL-----	-	8	6	259	466,646	-	-	95	44	6,071	11,967,365	-	46	21	3,694	7,898,557	
COAL-----	-	-	-	-	-	-	-	1	1	343	806,014	7,493,276	-	1	-	77	184,571
ARKANSAS																	
METAL-----	-	-	-	-	-	-	-	-	-	59	50,080	-	5	3	401	807,655	
NONMETAL-----	-	-	-	-	-	-	-	-	-	47	51,119	-	1	-	5	5,583	
STONE-----	-	2	2	42	97,821	-	-	8	3	885	1,685,185	-	11	11	481	1,048,889	
SAND AND GRAVEL--	-	-	-	-	-	-	-	6	6	455	871,483	-	-	-	-	-	
TOTAL-----	-	2	2	42	97,821	-	-	14	9	1,446	2,657,867	-	17	14	887	1,862,127	
COAL-----	-	10	-	58	133,053	96,200	-	-	-	3	5,164	1,921	-	-	-	7	16,582
CALIFORNIA																	
METAL-----	-	7	-	87	101,574	-	-	14	3	325	706,590	-	3	-	381	829,015	
NONMETAL-----	-	-	-	9	3,622	-	-	6	1	435	860,783	-	3	7	756	1,565,773	
STONE-----	-	-	-	-	-	-	-	24	9	903	1,575,213	-	-	4	1,176	2,325,395	
SAND AND GRAVEL--	-	-	-	-	-	-	1	37	12	2,443	4,559,128	-	32	-	-	-	
TOTAL-----	-	7	-	96	105,196	-	1	81	25	4,106	7,701,714	-	38	11	2,313	4,720,183	
COAL-----																	

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
HAWAII																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	5	1	255	463,545	-	-	-	23	52,241	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	58	57,573	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	5	1	313	521,118	-	-	-	23	52,241	-	
COAL-----																	
IDAHO																	
METAL-----	-	25	20	545	992,447	-	6	2	208	398,876	-	2	1	199	368,252	-	
NONMETAL-----	-	-	-	-	-	-	2	-	293	593,149	-	4	1	109	197,938	-	
STONE-----	-	-	-	-	-	-	2	-	268	331,485	-	3	1	42	76,049	-	
SAND AND GRAVEL--	-	-	-	-	-	-	4	1	581	601,538	-	-	-	-	-	-	
TOTAL-----	-	25	20	545	992,447	-	14	3	1,350	1,925,048	-	9	3	350	642,239	-	
COAL-----																	
ILLINOIS																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	16	27,341	
NONMETAL-----	-	-	-	-	-	-	-	-	11	21,297	-	-	-	74	157,716	-	
STONE-----	-	4	2	174	356,151	-	12	9	692	1,340,449	-	22	12	996	2,112,331	-	
SAND AND GRAVEL--	-	-	-	-	-	-	8	5	429	731,340	-	-	-	-	-	-	
TOTAL-----	-	4	2	174	356,151	-	20	14	1,132	2,093,086	-	23	12	1,086	2,297,388	-	
COAL-----	1	120	115	3,375	7,695,533	42,836,671	-	3	1	496	1,124,197	5,944,728	-	5	6	474	1,031,237
INDIANA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	30	66,574	-	1	3	19	28,789	-	-	-	42	102,540	-	
STONE-----	-	-	-	123	241,076	-	9	10	543	1,032,509	-	34	13	1,158	2,379,491	-	
SAND AND GRAVEL--	-	-	-	-	-	-	16	7	547	1,017,293	-	-	-	-	-	-	
TOTAL-----	-	-	-	153	307,650	-	26	20	1,109	2,078,591	-	34	13	1,200	2,482,031	-	
COAL-----	-	63	39	1,766	4,216,906	15,564,550	-	7	5	1,604	3,338,144	21,155,672	-	4	-	445	1,099,722
IOWA																	
METAL-----	-	-	-	-	-	-	-	1	9	23,209	-	-	-	-	-	-	
NONMETAL-----	-	16	2	122	267,138	-	1	-	44	58,127	-	-	-	80	152,707	-	
STONE-----	-	2	3	227	457,576	-	11	4	843	1,649,832	-	12	6	463	946,315	-	
SAND AND GRAVEL--	-	-	-	-	-	-	5	4	573	826,450	-	-	-	-	-	-	
TOTAL-----	-	18	5	349	724,714	-	17	9	1,469	2,557,618	-	12	6	543	1,099,022	-	
COAL-----																	

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
KANSAS																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	2	3	96	187,586	-	-	-	32	42,187	-	-	96	188,542	-		
STONE-----	-	-	-	10	14,171	-	3	4	568	997,179	-	-	315	610,281	-		
SAND AND GRAVEL--	-	-	-	-	-	-	2	4	343	474,686	-	-	-	-	-		
TOTAL-----	-	2	3	106	201,757	-	5	8	943	1,514,052	-	-	411	798,823	-		
COAL-----	-	-	-	-	-	-	1	-	6	15,960	15,864	-	-	-	-		
KENTUCKY																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NONMETAL-----	-	-	-	5	12,721	-	-	-	39	56,406	-	-	38	60,332	-		
STONE-----	1	16	5	481	911,173	-	10	8	590	1,144,834	-	-	995	1,963,402	-		
SAND AND GRAVEL--	-	-	-	-	-	-	4	1	127	258,697	-	-	-	-	-		
TOTAL-----	1	16	5	486	923,894	-	14	9	756	1,459,937	-	-	1,033	2,023,734	-		
COAL-----	2	345	212	9,821	21,342,029	58,345,628	1	85	21	4,556	9,519,831	32,614,316	-	33	22	1,921	4,060,208
LOUISIANA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	12	7	589	1,283,564
NONMETAL-----	-	10	3	373	694,412	-	-	-	5	2,384	-	-	239	3	239	507,908	
STONE-----	-	-	-	-	-	-	-	-	15	22,130	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	4	3	563	1,102,591	-	-	-	-	-	
TOTAL-----	-	10	3	373	694,412	-	-	4	3	583	1,127,105	-	-	14	10	828	1,791,472
COAL-----	-	-	-	-	-	-	-	-	-	263	566,655	3,979,329	-	-	-	-	
MAINE																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	2	4,065	-	-	-	2	64	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	-	2	1	171	233,379	-	-	-	-	78	164,621
SAND AND GRAVEL--	-	-	-	-	-	-	-	4	2	431	538,380	-	-	-	-	-	
TOTAL-----	-	-	-	2	4,065	-	-	6	3	604	771,823	-	-	-	-	78	164,621
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MARYLAND																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	2	32	-	-	-	-	-	-	
STONE-----	-	-	-	6	10,831	-	1	2	3	238	463,437	-	-	10	4	411	992,194
SAND AND GRAVEL--	-	-	-	-	-	-	-	4	-	233	446,058	-	-	-	-	-	
TOTAL-----	-	-	-	6	10,831	-	1	6	3	473	909,527	-	-	10	4	411	992,194
COAL-----	-	13	2	171	345,743	867,842	-	1	2	250	522,321	1,485,891	-	-	1	48	113,102

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
MASSACHUSETTS																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	16	32,148	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	6	6	339	599,582	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	1	347	445,372	-	-	-	258	470,558	-	
TOTAL-----	-	-	-	-	-	-	6	7	702	1,077,102	-	-	-	258	470,558	-	
COAL-----																	
MI CHIGAN																	
METAL-----	-	-	-	14	25,341	-	8	6	685	1,461,541	-	-	-	718	1,645,100	-	
NONMETAL-----	-	-	1	38	108,513	-	-	1	21	36,185	-	-	-	1	2,011	-	
STONE-----	-	-	-	-	-	-	12	9	271	515,013	-	-	-	3	1,185,128	-	
SAND AND GRAVEL--	-	-	-	-	-	-	6	4	1,134	1,490,331	-	-	-	-	-	-	
TOTAL-----	-	-	1	52	133,854	-	26	20	2,111	3,503,070	-	-	-	1,257	2,832,239	-	
COAL-----																	
MI NESOTA																	
METAL-----	-	-	-	-	-	-	20	14	2,207	4,387,457	-	-	-	1,951	4,110,331	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	6	8	372	593,746	-	-	-	152	349,273	-	
SAND AND GRAVEL--	-	-	-	-	-	1	7	12	1,382	1,689,806	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	1	33	34	3,961	6,671,009	-	-	-	2,103	4,459,604	-	
COAL-----																	
MI SSI SSI PPI																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	10	19,182	-	-	-	270	589,385	-	
STONE-----	-	-	-	-	-	-	-	-	9	14,621	-	-	-	2	7,032	-	
SAND AND GRAVEL--	-	-	-	-	-	-	8	8	475	907,017	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	8	8	494	940,820	-	-	-	272	596,417	-	
COAL-----	-	-	-	-	-	-	-	1	254	528,790	2,952,818	-	-	-	-	-	
MI SSOURI																	
METAL-----	-	3	3	624	1,359,995	-	-	-	-	-	-	-	-	105	233,493	-	
NONMETAL-----	-	-	-	-	-	-	-	-	64	114,460	-	-	-	267	544,054	-	
STONE-----	-	7	1	293	632,680	-	24	8	1,228	2,159,338	-	-	-	1,986	3,846,632	-	
SAND AND GRAVEL--	-	-	-	-	-	-	8	5	404	684,032	-	-	-	-	-	-	
TOTAL-----	-	10	4	917	1,992,675	-	32	13	1,696	2,957,830	-	-	-	2,358	4,624,179	-	
COAL-----	-	-	-	-	-	-	-	-	32	62,602	421,587	-	-	-	-	-	

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
MONTANA																	
METAL-----	-	46	20	1,523	2,870,043	-	-	-	312	598,869	-	-	-	472	906,660		
NONMETAL-----	1	-	-	1	80	-	-	-	73	88,203	-	-	-	147	297,790		
STONE-----	-	-	-	-	-	-	8	8	187	243,636	-	-	-	151	294,593		
SAND AND GRAVEL--	-	-	-	-	-	-	4	2	620	575,744	-	-	-	-	-		
TOTAL-----	1	46	20	1,524	2,870,123	-	12	10	1,192	1,506,452	-	-	-	770	1,499,043		
COAL-----	-	2	4	236	567,642	5,707,633	-	7	2	816	1,600,782	30,986,349	-	1	1	107	242,089
NEBRASKA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NONMETAL-----	-	-	-	-	-	-	-	-	4	2,367	-	-	-	-	-		
STONE-----	1	1	2	110	286,977	-	1	-	101	200,407	-	-	-	174	369,780		
SAND AND GRAVEL--	-	-	-	-	-	-	10	4	600	983,551	-	-	-	-	-		
TOTAL-----	1	1	2	110	286,977	-	11	4	705	1,186,325	-	-	-	174	369,780		
COAL-----																	
NEVADA																	
METAL-----	1	49	28	2,497	5,208,378	-	43	35	4,894	10,472,123	-	-	-	2,701	5,412,080		
NONMETAL-----	-	-	-	-	-	-	2	2	189	338,608	-	-	-	506	1,011,722		
STONE-----	-	-	-	-	-	-	3	2	140	250,046	-	-	-	201	445,488		
SAND AND GRAVEL--	-	-	-	-	-	-	4	3	540	763,784	-	-	-	-	-		
TOTAL-----	1	49	28	2,497	5,208,378	-	52	42	5,763	11,824,561	-	-	-	3,408	6,869,290		
COAL-----																	
NEW HAMPSHIRE																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
STONE-----	-	-	-	-	-	-	1	-	178	305,348	-	-	-	25	42,370		
SAND AND GRAVEL--	-	-	-	-	-	-	-	1	348	430,968	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	1	1	526	736,316	-	-	-	25	42,370		
COAL-----																	
NEW JERSEY																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
STONE-----	-	-	-	-	-	-	11	1	271	608,649	-	-	-	40	71,901		
SAND AND GRAVEL--	-	-	-	-	-	-	12	4	413	808,289	-	-	-	167	334,002		
TOTAL-----	-	-	-	-	-	-	23	5	684	1,416,938	-	-	-	207	405,903		
COAL-----																	

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
NEW MEXICO																	
METAL-----	-	10	5	209	424,583	-	17	1	869	1,890,499	-	-	-	420	721,513		
NONMETAL-----	-	12	11	754	1,545,989	-	2	1	104	177,019	-	10	7	621	1,240,084		
STONE-----	-	-	-	-	-	-	3	1	292	491,523	-	-	-	75	147,763		
SAND AND GRAVEL--	-	-	-	-	-	-	6	1	482	651,842	-	-	-	-	-		
TOTAL-----	-	22	16	963	1,970,572	-	28	4	1,747	3,210,883	-	13	7	1,116	2,109,360		
COAL-----	-	14	3	375	828,138	4,960,375	-	8	4	795	1,633,297	17,491,900	-	-	-	81	171,584
NEW YORK																	
METAL-----	-	-	-	6	8,692	-	1	-	22	50,711	-	2	-	46	104,204		
NONMETAL-----	-	8	2	343	620,950	-	4	1	37	60,083	-	8	3	154	313,555		
STONE-----	-	2	1	23	42,996	-	30	9	813	1,415,907	1	11	7	690	1,406,302		
SAND AND GRAVEL--	-	-	-	-	-	-	8	8	1,277	1,825,975	-	-	-	-	-		
TOTAL-----	-	10	3	372	672,638	-	43	18	2,149	3,352,676	1	21	10	890	1,824,061		
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA																	
METAL-----	-	-	-	-	-	-	-	-	1	1,935	-	1	-	7	11,647		
NONMETAL-----	-	-	-	-	-	-	2	-	296	601,002	-	6	5	474	938,678		
STONE-----	-	-	-	-	-	-	11	8	905	1,636,577	-	4	4	720	1,397,810		
SAND AND GRAVEL--	-	-	-	-	-	-	1	4	606	992,760	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	1	17	9	1,808	3,232,274	-	11	9	1,201	2,348,135	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DAKOTA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL-----	-	-	-	-	-	-	-	-	1	344	-	1	-	27	52,561		
STONE-----	-	-	-	-	-	-	-	-	21	26,671	-	-	-	-	-	-	-
SAND AND GRAVEL--	-	-	-	-	-	-	11	6	926	1,257,502	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	11	6	948	1,284,517	-	1	-	27	52,561	
COAL-----	-	-	-	-	-	-	-	5	3	1,215	2,354,271	27,528,666	-	-	-	8	13,940
OHIO																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL-----	-	3	1	260	484,370	-	-	-	67	91,046	-	-	-	48	88,311		
STONE-----	-	3	2	98	225,126	-	3	8	631	1,188,807	-	18	8	1,025	2,107,526		
SAND AND GRAVEL--	-	-	-	-	-	-	6	4	935	1,768,150	-	-	-	-	-		
TOTAL-----	-	6	3	358	709,496	-	-	12	1,633	3,048,003	-	18	8	1,073	2,195,837		
COAL-----	-	104	48	1,724	3,958,658	19,205,902	1	12	4	1,067	2,306,824	8,384,873	-	6	1	353	809,282

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
OKLAHOMA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	185	408,689	-	-	-	16	37,692	-	-	-	
STONE-----	-	-	-	23	52,114	-	1,181	2,369,177	8	8	3	677	1,452,168	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	361	712,315	4	8	-	-	-	-	-	-	
TOTAL-----	-	-	-	23	52,114	-	1,727	3,490,181	12	35	3	693	1,489,860	-	-	-	
COAL-----	-	7	-	66	169,429	349,489	-	4	1	142	323,653	704,484	-	-	-	2	3,199
OREGON																	
METAL-----	-	-	-	1	48	-	31	27,367	-	-	-	64	130,301	-	3	-	
NONMETAL-----	-	-	-	-	-	-	41	57,169	1	-	-	87	159,742	-	1	1	
STONE-----	-	-	-	-	-	-	672	936,646	6	14	1	90	151,265	-	4	1	
SAND AND GRAVEL--	-	-	-	-	-	-	415	582,392	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	1	48	-	1,159	1,603,574	7	14	2	241	441,308	-	8	2	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PENNSYLVANIA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	6	12,365	-	-	-	
NONMETAL-----	-	-	-	-	-	-	14	15,272	1	-	-	67	128,682	-	2	1	
STONE-----	-	6	3	289	643,840	-	2,403	4,210,375	22	58	24	2,027	4,124,753	-	57	24	
SAND AND GRAVEL--	-	-	-	-	-	-	542	938,958	7	9	-	-	-	-	-	-	
TOTAL-----	-	6	3	289	643,840	-	2,959	5,164,605	30	67	25	2,100	4,265,800	-	59	25	
COAL-ANTHRACITE--	-	2	-	85	147,241	119,963	-	716	1,448,861	8	25	11	412	852,994	-	18	
BITUMINOUS--	-	208	73	4,995	11,535,836	41,690,358	-	1,676	3,224,674	11	26	6	671	1,431,761	-	13	
PUERTO RICO																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	477	746,806	-	13	-	525	693,518	-	13	-	
SAND AND GRAVEL--	-	-	-	-	-	-	172	270,937	1	5	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	649	1,017,743	1	18	-	525	693,518	-	13	-	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RHODE ISLAND																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	43	64,707	-	-	-	14	14,232	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	117	200,279	-	1	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	160	264,986	-	1	-	14	14,232	-	-	-	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	



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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
SOUTH CAROLINA																	
METAL-----	-	-	-	-	-	-	1	1	97	191,879	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	37	53,515	-	3	2	127	262,819		
STONE-----	-	-	-	-	-	-	5	5	236	479,341	-	4	7	476	989,644		
SAND AND GRAVEL--	-	-	-	-	-	-	1	2	245	445,228	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	7	8	615	1,169,963	-	7	9	603	1,252,463	-	
COAL-----																	
SOUTH DAKOTA																	
METAL-----	-	-	-	-	-	-	2	-	121	229,298	-	-	-	32	64,087		
NONMETAL-----	-	-	-	-	-	-	-	-	7	5,576	-	1	-	66	92,007		
STONE-----	-	-	-	-	-	-	11	4	216	425,284	-	2	2	149	339,906		
SAND AND GRAVEL--	-	-	-	-	-	-	8	6	438	636,703	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	21	10	782	1,296,861	-	3	2	247	496,000	-	
COAL-----																	
TENNESSEE																	
METAL-----	-	29	15	703	1,527,417	-	-	-	20	39,575	-	1	2	96	190,584		
NONMETAL-----	-	-	-	-	-	-	1	1	67	125,914	-	6	2	192	381,572		
STONE-----	-	2	-	137	227,357	-	8	3	872	1,436,688	-	10	6	841	1,564,454		
SAND AND GRAVEL--	-	-	-	-	-	-	4	-	258	495,550	-	-	-	-	-	-	
TOTAL-----	-	31	15	840	1,754,774	-	13	4	1,217	2,097,727	-	17	10	1,129	2,136,610	-	
COAL-----	1	9	9	155	308,694	572,910	-	5	1	194	338,047	728,896	-	-	-	38	
TEXAS																	
METAL-----	-	15	1	67	120,768	-	-	-	-	-	-	78	7	1,010	2,410,794		
NONMETAL-----	-	5	-	46	108,547	-	5	2	271	507,036	-	17	6	788	1,700,515		
STONE-----	-	-	-	12	23,431	-	48	17	3,207	6,618,144	-	64	22	2,251	5,106,866		
SAND AND GRAVEL--	-	-	-	-	-	-	34	20	2,478	5,826,681	-	-	-	-	-	-	
TOTAL-----	-	20	1	125	252,746	-	87	39	5,956	12,951,861	-	159	35	4,049	9,218,175	-	
COAL-----	-	-	-	-	-	-	-	14	10	2,801	6,118,436	44,178,225	-	-	-	6	
UTAH																	
METAL-----	-	-	1	130	223,572	-	3	5	1,179	2,573,834	-	7	4	701	1,274,465		
NONMETAL-----	-	15	8	159	328,170	-	1	1	114	204,170	-	2	-	225	451,795		
STONE-----	-	-	-	-	-	-	1	-	207	319,304	-	3	2	201	358,009		
SAND AND GRAVEL--	-	-	-	-	-	-	10	8	1,011	1,471,178	-	-	-	-	-	-	
TOTAL-----	-	15	9	289	551,742	-	15	14	2,511	4,568,486	-	12	6	1,127	2,084,269	-	
COAL-----	-	37	22	1,404	2,922,190	16,276,581	-	-	8	16,637	-	-	-	98	174,176	-	

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
VERMONT																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	26	62,198	-	5	7	362	6,092	561,694	-	3	2	311	27,562	
SAND AND GRAVEL--	-	-	-	-	-	-	4	-	242	238,072	-	-	-	-	-	-	
TOTAL-----	-	-	-	26	62,198	-	9	7	607	805,858	-	-	-	326	596,483	-	
COAL-----																	
VIRGIN ISLANDS																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	2	-	39	83,668	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	2	-	39	83,668	-	-	-	-	-	-	
COAL-----																	
VIRGINIA																	
METAL-----	-	-	-	-	-	-	1	1	25	60,976	-	-	2	1	88	215,218	
NONMETAL-----	-	1	-	3	900	-	-	1	48	83,549	-	10	3	298	655,069		
STONE-----	-	2	-	44	73,611	-	15	5	669	1,380,683	-	16	5	1,125	2,422,279		
SAND AND GRAVEL--	-	-	-	-	-	-	3	1	212	365,915	-	-	-	-	-	-	
TOTAL-----	-	3	-	47	74,511	-	19	8	954	1,891,123	-	-	9	1,511	3,292,566		
COAL-----	1	88	54	3,368	7,206,515	12,370,371	-	16	5	1,205	2,570,977	6,565,777	-	6	5	553	1,237,757
WASHINGTON																	
METAL-----	-	6	-	186	370,887	-	-	-	-	-	-	-	-	-	49	105,744	
NONMETAL-----	-	-	-	-	-	-	2	1	26	57,026	-	3	2	60	128,447		
STONE-----	-	-	-	-	-	-	5	4	390	566,502	-	7	7	255	441,715		
SAND AND GRAVEL--	-	-	-	-	-	-	18	4	859	1,306,783	-	-	-	-	-	-	
TOTAL-----	-	6	-	186	370,887	-	25	9	1,275	1,930,311	-	-	9	364	675,906		
COAL-----	-	-	-	-	-	-	-	-	42	79,775	-	-	-	-	-	-	
WEST VIRGINIA																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	2	-	14	28,147	
NONMETAL-----	-	-	-	-	-	-	-	-	2	48	-	-	-	27	62,894		
STONE-----	-	2	-	73	195,964	-	2	-	172	337,015	-	7	6	389	810,535		
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	14	23,347	-	-	-	-	-	-	
TOTAL-----	-	2	-	73	195,964	-	2	-	188	360,410	-	-	6	430	901,576		
COAL-----	6	593	233	15,614	33,634,790	83,483,648	-	75	20	5,207	12,029,885	40,055,160	1	36	25	2,422	5,444,566

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
WISCONSIN																	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	1	24	60,921	-	2	-	25	53,325	-	2	1	125	274,960		
STONE-----	-	2	-	19	50,118	-	14	6	789	1,353,457	-	25	13	553	1,062,305		
SAND AND GRAVEL--	-	-	-	-	-	-	21	15	1,532	2,227,194	-	-	-	-	-		
TOTAL-----	-	2	1	43	111,039	-	37	21	2,346	3,633,976	-	27	14	678	1,337,265		
COAL-----																	
WYOMING																	
METAL-----	-	-	-	-	-	-	-	-	1	669	-	-	-	-	-		
NONMETAL-----	-	17	10	795	1,616,370	-	11	3	240	510,856	-	25	12	1,776	3,811,684		
STONE-----	-	-	-	-	-	-	2	1	151	254,401	-	3	2	124	272,663		
SAND AND GRAVEL--	-	-	-	-	-	-	7	6	466	577,667	-	-	-	-	-		
TOTAL-----	-	17	10	795	1,616,370	-	20	10	858	1,343,593	-	28	14	1,900	4,084,347		
COAL-----	-	9	5	251	593,995	4,636,557	-	39	23	6,546	13,479,619	396,805,054	-	-	-	109	219,481
NATION																	
METAL-----	1	233	113	8,051	16,339,519	-	185	111	16,478	34,734,696	-	278	118	14,468	30,493,896		
NONMETAL-----	1	89	42	3,060	6,110,928	1	66	26	4,239	8,194,502	-	149	82	10,840	22,500,423		
STONE-----	2	54	22	2,331	4,813,251	2	506	240	27,359	50,035,866	2	581	262	26,248	53,585,827		
SAND AND GRAVEL--	-	-	-	-	-	4	379	205	30,571	49,191,892	-	-	-	-	-		
TOTAL-----	4	376	177	13,442	27,263,698	7	1,136	582	78,647	142,156,956	2	1,008	462	51,556	106,580,146		
COAL-----	13	1,810	900	48,043	105,754,689	343,302,898	4	372	147	32,381	68,764,275	674,600,891	1	131	81	8,482	18,529,961

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

JANUARY - DECEMBER, 2012

ACCIDENT CLASSIFICATION	COAL									METAL								
	UNDERGROUND			SURFACE			PREPARATION PLANTS			UNDERGROUND			SURFACE			MILLS		
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
ELECTRICAL-----	1	5	3	-	3	-	-	1	1	-	-	4	-	1	-	-	2	-
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODING VESSELS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNDER PRESSURE-----	1	3	2	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-
EXPLOSIVES AND BREAKING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AGENTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALLING, ROLLING, OR	-	8	2	-	-	-	-	1	1	-	-	-	-	-	-	-	1	1
SLIDING MATERIAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALL OF FACE, RIB, SIDE	2	54	10	-	1	-	-	-	-	-	4	1	-	-	-	-	-	-
OR HIGHWALL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALL OF ROOF (UNDER-	2	181	107	-	-	-	-	-	-	-	9	8	-	-	-	-	-	-
GROUND MINES ONLY)----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FIRE-----	-	-	2	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
HANDLING MATERIAL-----	1	632	327	-	102	62	-	38	31	-	75	45	-	59	46	-	115	56
HAND TOOLS-----	-	123	216	-	19	33	-	10	19	-	14	18	-	6	20	-	25	21
NONPOWERED HAULAGE-----	-	3	-	-	1	-	-	-	-	-	-	-	-	1	-	-	1	1
POWERED HAULAGE-----	3	178	51	1	52	7	-	12	1	-	23	9	-	25	2	-	8	4
HAULAGE TRUCKS-----	-	1	1	1	35	4	-	5	1	-	9	2	-	23	1	-	1	-
FRONT-END LOADERS-----	-	2	-	-	7	3	-	3	-	-	-	-	-	2	-	-	3	-
ALL OTHER POWERED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAULAGE-----	3	175	50	-	10	-	-	4	-	-	14	7	-	-	1	-	4	4
HOISTING-----	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
IGNITION OR EXPLOSION	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OF GAS OR DUST-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IMPOUNDMENT-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INUNDATION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINERY-----	2	180	98	1	54	18	-	13	12	-	31	17	-	21	16	-	27	9
DOZER-----	-	1	-	-	30	5	-	4	-	-	1	-	-	6	2	-	1	-
DRI LL-----	-	-	-	-	-	-	-	-	-	-	-	2	-	2	3	-	-	-
ALL OTHER MACHINERY--	2	179	98	1	24	13	-	9	12	-	30	15	-	13	11	-	26	9
SLIPS OR FALLS OF	-	355	53	1	121	20	1	51	11	1	52	7	-	60	15	-	85	15
PERSON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STEPPING OR KNEELING	-	63	2	-	6	2	-	3	-	-	10	1	-	4	2	-	7	1
ON OBJECT-----	-	14	22	-	3	2	-	1	1	-	1	2	-	1	1	-	-	1
STRIKING OR BUMPING-----	-	10	5	1	9	3	-	1	4	-	11	1	-	4	9	-	7	9
OTHER-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	13	1,810	900	4	372	147	1	131	81	1	233	113	-	185	111	-	278	118

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

JANUARY - DECEMBER, 2012 - CONTINUED

ACCIDENT CLASSIFICATION	NONMETAL									STONE									SAND / GRAVEL			
	UNDERGROUND			SURFACE			MILLS			UNDERGROUND			SURFACE			MILLS			SURFACE			
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	
ELECTRICAL-----	-	-	1	-	2	1	-	2	-	-	-	-	-	1	-	-	3	-	-	-	-	-
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
EXPLODING VESSELS UNDER PRESSURE-----	-	1	-	-	-	1	-	-	-	-	-	-	-	2	-	-	6	-	-	-	4	-
EXPLOSIVES AND BREAKING AGENTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	1	1	2	-
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	1	2	-	1	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-
FALL OF ROOF (UNDER- GROUND MINES ONLY)-----	-	3	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
FIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-	1	1
HANDLING MATERIAL-----	-	34	9	-	19	9	-	67	32	-	20	9	-	200	101	-	252	114	-	138	81	-
HAND TOOLS-----	-	3	11	-	2	3	-	11	14	-	8	5	-	64	48	-	71	62	-	41	40	-
NONPOWERED HAULAGE-----	-	1	-	-	1	-	-	-	-	-	-	-	-	4	1	-	1	1	-	-	-	-
POWERED HAULAGE-----	-	7	3	-	6	2	-	10	5	2	5	2	1	36	13	1	25	5	1	36	13	
HAULAGE TRUCKS-----	-	-	1	-	2	1	-	1	1	1	3	1	-	18	8	-	6	3	-	8	4	
FRONT-END LOADERS-----	-	-	-	-	-	-	-	3	2	-	-	-	1	15	5	1	8	1	-	19	5	
ALL OTHER POWERED HAULAGE-----	-	7	2	-	4	1	-	6	2	1	2	1	-	3	-	-	11	1	1	9	4	
HOISTING-----	-	2	1	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
IMPOUNDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INUNDATION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINERY-----	-	7	5	-	7	3	-	4	5	-	2	3	-	53	36	-	42	35	2	18	23	-
DOZER-----	-	-	-	-	2	-	-	-	-	-	-	-	-	3	1	-	-	-	1	1	1	-
DRI LL-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER MACHINERY--	-	7	4	-	5	3	-	4	5	-	2	3	-	50	35	-	42	35	1	17	22	-
SLIPS OR FALLS OF PERSON-----	-	28	7	-	24	4	-	46	17	-	14	3	1	108	23	-	138	25	-	110	36	-
STEPPING OR KNEELING ON OBJECT-----	-	1	-	-	3	2	-	2	-	-	2	-	-	11	4	-	16	-	-	13	3	-
STRIKING OR BUMPING-----	-	-	-	-	1	-	-	2	-	-	-	-	-	7	2	-	4	5	-	2	1	-
OTHER-----	-	-	5	-	2	-	-	5	9	-	-	-	-	16	10	-	21	14	-	13	5	-
TOTAL-----	1	89	42	1	66	26	-	149	82	2	54	22	2	506	240	2	581	262	4	379	205	-

TABLE 5. NUMBER OF CONTRACTOR INJURIES, INJURY-INCIDENCE RATES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS, AND PRODUCTION BY TYPE OF COAL MINED AND WORK LOCATION

JANUARY - DECEMBER, 2012

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)
<b>BITUMINOUS COAL:</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND-----	1		143		48		192				
SURFACE-----	1		57		21		79				
TOTAL, UNDERGROUND MINES--	2		200		69		271				
<b>SURFACE MINES:</b>											
STRIP MINES-----	-		86		69		155				
AUGER MINES-----	-		4		-		4				
OTHER SURFACE MINES-----	-		1		1		2				
TOTAL, SURFACE MINES-----	-		91		70		161				
TOTAL, PRODUCTION MINING--	2		291		139		432				
PREPARATION PLANTS-----	-		52		25		77				
INDEPENDENT SHOPS/YARDS-----	-		-		-		-				
TOTAL, OTHER OPERATIONS---	-		52		25		77				
TOTAL, BITUMINOUS MINING--	2		343		164		509				
<b>PENNSYLVANIA ANTHRACITE COAL:</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND-----	-		-		-		-				
SURFACE-----	-		-		-		-				
TOTAL, UNDERGROUND MINES--	-		-		-		-				
<b>SURFACE MINES:</b>											
STRIP MINES-----	-		1		1		2				
CULM BANK-----	-		-		-		-				
DREDGE-----	-		-		-		-				
TOTAL, SURFACE MINES-----	-		1		1		2				
TOTAL, PRODUCTION MINING--	-		1		1		2				
PREPARATION PLANTS-----	-		1		1		2				
INDEPENDENT SHOPS/YARDS-----	-		-		-		-				
TOTAL, OTHER OPERATIONS---	-		1		1		2				
TOTAL, ANTHRACITE MINING--	-		2		2		4				
<b>ALL COAL:</b>											
<b>UNDERGROUND MINES:</b>											
UNDERGROUND-----	1	.02	143	3.53	48	1.18	192	4.74	6,244	8,103,894	46,634
SURFACE-----	1	.02	57	1.25	21	.46	79	1.73	9,760	9,148,285	-
TOTAL, UNDERGROUND MINES--	2	.02	200	2.32	69	.80	271	3.14	16,004	17,252,179	46,634
<b>SURFACE MINES:</b>											
STRIP MINES-----	-		87	.84	70	.68	157	1.52	17,875	20,615,105	889,371
AUGER MINES-----	-		4	2.72	-	-	4	2.72	505	293,795	-
CULM BANK-----	-		1	.42	1	.42	2	.85	575	471,576	-
DREDGE-----	-		-	-	-	-	-	-	32	15,896	-
TOTAL, SURFACE MINES-----	-		92	.86	71	.66	163	1.52	18,987	21,396,372	889,371
TOTAL, PRODUCTION MINING--	2	.01	292	1.51	140	.72	434	2.25	34,991	38,648,551	936,005
PREPARATION PLANTS-----	-		53	1.08	26	.53	79	1.61	7,603	9,825,733	-
INDEPENDENT SHOPS/YARDS-----	-		-	-	-	-	-	-	247	393,710	-
TOTAL, OTHER OPERATIONS---	-		53	1.04	26	.51	79	1.55	7,850	10,219,443	-
TOTAL, ALL COAL-----	2	.01	345	1.41	166	.68	513	2.10	42,841	48,867,994	936,005
<b>OFFICEWORKERS:</b>											
BITUMINOUS-----	-		1		3		4				
ANTHRACITE-----	-		-		-		-				
TOTAL, OFFICEWORKERS-----	-		1	.07	3	.20	4	.27	2,337	2,942,413	-
GRAND TOTAL-----	2	.01	346	1.34	169	.65	517	2.00	45,178	51,810,407	936,005

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

JANUARY - DECEMBER, 2012

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
UNDERGROUND MINES:										
METAL-----	-		58		32		90			
NONMETAL-----	-		6		6		12			
STONE-----	-		4		1		5			
TOTAL, UNDERGROUND MINES--	-		68	1.39	39	.80	107	2.19	9,494	9,752,863
SURFACE MINES:										
METAL-----	1		71		64		136			
NONMETAL-----	1		22		10		33			
STONE-----	1		50		15		66			
SUBTOTAL, SURFACE MINES--	3		143		89		235			
SAND AND GRAVEL-----	-		26		13		39			
TOTAL, SURFACE MINES-----	3	.01	169	.73	102	.44	274	1.18	46,856	46,366,702
TOTAL, MINES-----	3	.01	237	.84	141	.50	381	1.36	56,350	56,119,565
MI LLS:										
METAL-----	-		60		56		116			
NONMETAL-----	-		13		6		19			
STONE-----	-		73		31		104			
TOTAL, MI LLS-----	-		146	1.29	93	.82	239	2.11	20,772	22,636,822
INDEPENDENT SHOPS AND YARDS:										
METAL-----	-		-		-		-			
NONMETAL-----	-		-		-		-			
STONE-----	-		1		-		1			
TOTAL, SHOPS AND YARDS---	-		1	9.13	-		1	9.13	65	21,916
ALL MINES, MI LLS AND SHOPS:										
METAL-----	1		189		152		342			
NONMETAL-----	1		41		22		64			
STONE-----	1		128		47		176			
SUBTOTAL-----	3		358		221		582			
SAND AND GRAVEL-----	-		26		13		39			
TOTAL, MINES/MI LLS/SHOPS--	3	.01	384	.97	234	.59	621	1.58	77,187	78,778,303
OFFICEWORKERS:										
METAL-----	-		-		4		4			
NONMETAL-----	-		-		1		1			
STONE-----	-		1		2		3			
SAND AND GRAVEL-----	-		1		1		2			
TOTAL, OFFICEWORKERS-----	-		2	.08	8	.31	10	.39	3,729	5,129,368
SUMMARY TOTAL (INCLUDES OFFICEWORKERS):										
METAL-----	1		189		156		346			
NONMETAL-----	1		41		23		65			
STONE-----	1		129		49		179			
SUBTOTAL-----	3		359		228		590			
SAND AND GRAVEL-----	-		27		14		41			
GRAND TOTAL-----	3	.01	386	.92	242	.58	631	1.50	80,916	83,907,671

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

JANUARY - DECEMBER, 2012

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
ALABAMA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--								2							6		
TOTAL-----								2							6		
COAL-----		10	3					6	2								
ALASKA																	
METAL-----		7	2					2	3					5			
NONMETAL-----																	
STONE-----									1								
SAND AND GRAVEL--																	
TOTAL-----		7	2					2	4					5			
COAL-----																	
ARI ZONA																	
METAL-----			2					1	23	16				12	6		
NONMETAL-----																	
STONE-----								1						1			
SAND AND GRAVEL--																	
TOTAL-----			2					1	24	16				12	7		
COAL-----									2								
ARKANSAS																	
METAL-----									1	1				1	3		
NONMETAL-----																	
STONE-----														1	2		
SAND AND GRAVEL--																	
TOTAL-----									1	1				2	5		
COAL-----																	
CALIFORNIA																	
METAL-----		1							7	10				10	9		
NONMETAL-----									4					1			
STONE-----									2	2				10	2		
SAND AND GRAVEL--																	
TOTAL-----		1							13	12				21	11		
COAL-----																	



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

JANUARY - DECEMBER, 2012 - CONTINUED

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

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
ILLINOIS																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--								1		1					1		
TOTAL-----								1		1					1		
COAL-----		19		9				1						1			
INDIANA																	
METAL-----																	
NONMETAL-----																	
STONE-----								1						2	1		
SAND AND GRAVEL--																	
TOTAL-----								1						2	1		
COAL-----	1	14		7				1		2							
IOWA																	
METAL-----																	
NONMETAL-----								1									
STONE-----								2						5	1		
SAND AND GRAVEL--								1									
TOTAL-----								4						5	1		
COAL-----																	
KANSAS																	
METAL-----																	
NONMETAL-----																	
STONE-----		1												1	3		
SAND AND GRAVEL--																	
TOTAL-----		1												1	3		
COAL-----																	
KENTUCKY																	
METAL-----																	
NONMETAL-----								1									
STONE-----								1						3			
SAND AND GRAVEL--								1									
TOTAL-----								3						3			
COAL-----	1	13		7				11		3				11	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, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
LOUISIANA																	
METAL-----																	
NONMETAL-----			1										1				
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----			1										1				
COAL-----							5	2									
MARYLAND																	
METAL-----																	
NONMETAL-----																	
STONE-----							4							1			
SAND AND GRAVEL--																	
TOTAL-----							4							1			
COAL-----		3	1											2	1		
MASSACHUSETTS																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--							1										
TOTAL-----							1										
COAL-----																	
MICHIGAN																	
METAL-----		1	2											1	1		
NONMETAL-----																	
STONE-----							1							1			
SAND AND GRAVEL--							1										
TOTAL-----		1	2				5	2						2	1		
COAL-----																	
MINNESOTA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--							2	1						12	6		
TOTAL-----							2	3						12	7		
COAL-----																	

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
MISSISSIPPI																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----							1	1									
MISSOURI																	
METAL-----		2	1					1									
NONMETAL-----																	
STONE-----		2					4	1					6	2			
SAND AND GRAVEL--																	
TOTAL-----		4	1				4	1					6	2			
COAL-----								1									
MONTANA																	
METAL-----		1					1	1					1	1			
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		1					1	1					1	2			
COAL-----			1					2									
NEVADA																	
METAL-----		33	12				26	22					3	11			
NONMETAL-----								3					1	2			
STONE-----							1	1									
SAND AND GRAVEL--																	
TOTAL-----		33	12				27	26					4	13			
COAL-----																	
NEW JERSEY																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--							2										
TOTAL-----							2										
COAL-----																	

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
NEW MEXICO																	
METAL-----		3	2					2	1					2			
NONMETAL-----		2	1					2	1					1			
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		5	3					4	2					3			
COAL-----		2	1					2	3					1			
NEW YORK																	
METAL-----																	
NONMETAL-----																	
STONE-----			1				1	1									
SAND AND GRAVEL--																	
TOTAL-----			1				2	1									
COAL-----																	
NORTH CAROLINA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--								2	1					2			
TOTAL-----								2	1					2			
COAL-----																	
NORTH DAKOTA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----								3	2								
OHIO																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--								1	1					3	3		
TOTAL-----								1	2					3	3		
COAL-----		10	5					1						3	1		

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
OKLAHOMA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--								3		1							
TOTAL-----								3		1							
COAL-----								4									
OREGON																	
METAL-----																	
NONMETAL-----																	
STONE-----								1									
SAND AND GRAVEL--																	
TOTAL-----								1									
COAL-----																	
PENNSYLVANIA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--								2						7	2		
TOTAL-----								2						7	2		
COAL-ANTHRACITE--																	
BITUMINOUS--								32		9				1	1		
								2		1				5	1		
SOUTH CAROLINA																	
METAL-----										1							
NONMETAL-----																	
STONE-----								2						6	2		
SAND AND GRAVEL--																	
TOTAL-----								2		1				6	2		
COAL-----																	
SOUTH DAKOTA																	
METAL-----										1							
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--								1							1		
TOTAL-----								1		1					1		
COAL-----																	

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
TENNESSEE																	
METAL-----			1														
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----			1														
COAL-----																	
TEXAS																	
METAL-----		1	2														
NONMETAL-----																	
STONE-----							8	1									
SAND AND GRAVEL--							7	3									
TOTAL-----		1	2				15	4									
COAL-----							10	9									
UTAH																	
METAL-----																	
NONMETAL-----		2						3	3								
STONE-----									1								
SAND AND GRAVEL--																	
TOTAL-----		2					3	4									
COAL-----		3	2						1								
VERMONT																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
VIRGINIA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--								1	1								
TOTAL-----							1	2									
COAL-----		6	1				5	3									

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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
WASHINGTON																	
METAL-----		1															
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----		1															
COAL-----																	
WEST VIRGINIA																	
METAL-----																	
NONMETAL-----																	
STONE-----								1									
SAND AND GRAVEL--																	
TOTAL-----								1									
COAL-----		70	21					22	16								
WISCONSIN																	
METAL-----																	
NONMETAL-----																	
STONE-----								1	2								
SAND AND GRAVEL--								9	4								
TOTAL-----								10	6								
COAL-----																	
WYOMING																	
METAL-----																	
NONMETAL-----		1	4														
STONE-----								2									
SAND AND GRAVEL--								1									
TOTAL-----		1	4					3									
COAL-----		4	1					13	23								



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

JANUARY - DECEMBER, 2012 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
NATION																	
METAL-----		58	32			1	71	64					60	56			
NONMETAL-----		6	6			1	22	10					13	6			
STONE-----		4	1			1	51	15					73	31			
SAND AND GRAVEL--							26	13									
TOTAL-----		68	39	9,494	9,752,863	3	170	102	46,921	46,388,618			146	93	20,772	22,636,822	
COAL-----	2	200	69	16,004	17,252,179		92	71	19,234	21,790,082	889,371		53	26	7,603	9,825,733	

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

JANUARY - DECEMBER, 2012

ACCI DENT CLASSI FI CATON	COAL									METAL								
	UNDERGROUND			SURFACE			PREPARATI ON PLANTS			UNDERGROUND			SURFACE			MI LLS		
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
ELECTRI CAL-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODI NG VESSELS	-	2	-	-	-	2	-	-	-	-	1	-	1	-	-	1	-	-
EXPLOSI VES AND BREAKI NG AGENTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALLI NG, ROLLI NG, OR SLI DI NG MATERI AL-----	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-
FALL OF FACE, RI B, SI DE OR HI GHWALL-----	-	7	1	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-
FALL OF ROOF (UNDER- GROUND MI NES ONLY)----	-	10	7	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-
FIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
HANDLI NG MATERI AL-----	-	70	31	-	32	30	-	18	6	-	26	13	-	26	25	-	29	20
HAND TOOLS-----	-	13	13	-	10	10	-	6	6	-	2	9	-	9	14	-	5	11
NONPOWERED HAULAGE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
POWERED HAULAGE-----	-	21	-	-	9	2	-	6	3	-	5	2	-	7	3	-	1	1
HAULAGE TRUCKS-----	-	2	-	-	5	-	-	5	3	-	2	1	-	4	2	-	1	1
FRONT-END LOADERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
ALL OTHER POWERED HAULAGE-----	-	19	-	-	4	2	-	1	-	-	3	1	-	2	1	-	-	-
HOI STI NG-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I GNI TI ON OR EXPLOSI ON OF GAS OR DUST-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I MPOUNDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I NUNDATI ON-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHI NERY-----	-	28	8	-	7	17	-	8	6	-	8	2	-	10	6	-	4	15
DOZER-----	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
DRI LL-----	-	-	-	-	3	-	-	-	-	-	-	-	-	2	2	-	-	-
ALL OTHER MACHI NERY--	-	27	8	-	4	16	-	8	6	-	8	2	-	8	4	-	4	15
SLI PS OR FALLS OF PERSON-----	2	41	4	-	27	8	-	13	4	-	10	1	1	15	10	-	15	3
STEPPI NG OR KNEELI NG ON OBJECT-----	-	3	1	-	3	-	-	-	-	-	2	-	-	2	-	-	2	1
STRI KI NG OR BUMPI NG-----	-	-	2	-	1	-	-	1	1	-	-	1	-	-	1	-	-	-
OTHER-----	-	2	1	-	2	2	-	1	-	-	1	1	-	1	3	-	2	4
TOTAL-----	2	200	69	-	92	71	-	53	26	-	58	32	1	71	64	-	60	56

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

JANUARY - DECEMBER, 2012 - CONTINUED

ACCIDENT CLASSIFICATION	NONMETAL									STONE									SAND / GRAVEL			
	UNDERGROUND			SURFACE			MILLS			UNDERGROUND			SURFACE			MILLS			SURFACE			
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	
ELECTRICAL-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODING VESSELS UNDER PRESSURE-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
EXPLOSIVES AND BREAKING AGENTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
FALL OF ROOF (UNDER- GROUND MINES ONLY)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FIRE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLING MATERIAL-----	-	3	3	-	8	5	-	6	2	-	1	1	-	15	7	-	37	18	-	-	12	5
HAND TOOLS-----	-	1	1	-	-	4	-	1	1	-	-	-	-	5	2	-	4	3	-	-	4	2
NONPOWERED HAULAGE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
POWERED HAULAGE-----	-	1	-	-	3	-	-	-	-	-	-	-	1	5	-	-	1	1	-	-	2	1
HAULAGE TRUCKS-----	-	-	-	-	2	-	-	-	-	-	-	-	1	4	-	-	1	1	-	-	2	-
FRONT-END LOADERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
ALL OTHER POWERED HAULAGE-----	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
HOISTING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IMPOUNDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INUNDATION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINERY-----	-	1	-	1	6	1	-	1	1	-	1	-	3	1	-	10	5	-	-	-	-	2
DOZER-----	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRI LL-----	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
ALL OTHER MACHINERY--	-	1	-	-	5	1	-	1	1	-	1	-	1	1	-	10	5	-	-	-	-	2
SLIPS OR FALLS OF PERSON-----	-	-	1	-	5	-	-	5	2	-	1	-	-	18	4	-	16	3	-	-	8	2
STEPPING OR KNEELING ON OBJECT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	1	1	-	-	-	1
STRIKING OR BUMPING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-
TOTAL-----	-	6	6	1	22	10	-	13	6	-	4	1	1	51	15	-	73	31	-	-	26	13

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