

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

JANUARY - DECEMBER 2017 (FINAL)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES				
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
ALABAMA																	
METAL	-	-	-	-	-	-	-	-	-	7	4,262	-	-	-	-	18	38,496
NONMETAL	-	-	-	-	-	-	-	1	-	82	136,761	-	-	4	1	204	427,261
STONE	-	-	-	10	17,994	-	-	6	1	656	1,429,225	-	-	32	9	1,409	3,162,699
SAND AND GRAVEL	-	-	-	-	-	-	-	5	6	497	1,056,650	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	10	17,994	-	-	12	7	1,242	2,626,898	-	-	36	10	1,631	3,628,456
COAL	1	89	22	1,773	4,088,870	10,490,757	-	3	2	505	1,115,641	2,369,901	-	5	1	310	680,192
ALASKA																	
METAL	-	17	7	728	1,542,681	-	-	13	11	728	1,567,999	-	-	7	5	573	1,456,250
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	102	120,197	-	-	-	-	10	16,024
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	420	339,713	-	-	-	-	-	-
TOTAL, M/NM	-	17	7	728	1,542,681	-	-	14	11	1,250	2,027,909	-	-	7	5	583	1,472,274
COAL	-	-	-	-	-	-	-	-	-	83	150,319	959,068	-	-	-	5	6,353
AMERICAN SAMOA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	15	16,314	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	15	16,314	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA																	
METAL	-	-	1	108	155,108	-	1	47	26	3,735	7,599,214	-	-	59	25	3,561	7,222,158
NONMETAL	-	-	-	-	-	-	-	6	-	58	113,743	-	-	-	-	55	130,171
STONE	-	-	-	-	-	-	-	1	-	522	998,284	-	-	3	3	245	504,357
SAND AND GRAVEL	-	-	-	-	-	-	-	25	5	1,264	2,238,719	-	-	-	-	-	-
TOTAL, M/NM	-	-	1	108	155,108	-	1	79	31	5,579	10,949,960	-	-	62	28	3,861	7,856,686
COAL	-	-	-	-	-	-	-	2	1	321	762,766	6,221,392	-	-	-	73	156,107
ARKANSAS																	
METAL	-	-	-	-	-	-	-	-	-	15	30,209	-	-	12	4	242	470,433
NONMETAL	-	-	-	-	-	-	-	-	1	138	280,443	-	-	1	1	65	124,331
STONE	-	1	1	51	103,645	-	-	5	1	822	1,775,624	-	-	9	2	524	1,296,451
SAND AND GRAVEL	-	-	-	-	-	-	-	2	1	297	641,487	-	-	-	-	-	-
TOTAL, M/NM	-	1	1	51	103,645	-	-	7	3	1,272	2,727,763	-	-	22	7	831	1,891,215
COAL	-	1	-	46	48,632	23,893	-	-	-	12	19,391	18,845	-	-	-	9	9,641

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JANUARY - DECEMBER 2017 (FINAL)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS					
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES					
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	
CALIFORNIA																		
METAL	-	-	-	18	24,498	-	-	6	2	532	725,840	-	-	1	1	127	201,519	
NONMETAL	-	-	-	7	3,908	-	-	4	5	517	1,002,509	-	-	7	3	733	1,527,741	
STONE	-	-	-	-	-	-	1	10	3	1,046	1,994,993	-	-	30	10	1,248	2,513,789	
SAND AND GRAVEL	-	-	-	-	-	-	-	43	18	2,679	5,340,658	-	-	-	-	-	-	
TOTAL, M/NM	-	-	-	25	28,406	-	1	63	28	4,774	9,064,000	-	-	38	14	2,108	4,243,049	
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COLORADO																		
METAL	-	3	1	174	318,728	-	-	12	1	492	1,106,630	-	-	1	1	476	1,000,136	
NONMETAL	-	-	-	4	3,299	-	-	5	1	55	106,332	-	-	-	-	7	12,898	
STONE	-	2	-	41	79,432	-	-	12	7	450	925,052	-	-	10	3	316	623,939	
SAND AND GRAVEL	-	-	-	-	-	-	-	10	7	1,088	1,815,213	-	-	-	-	-	-	
TOTAL, M/NM	-	5	1	219	401,459	-	-	39	16	2,085	3,953,227	-	-	11	4	799	1,636,973	
COAL	-	11	5	697	1,482,554	11,117,589	-	6	-	356	741,446	3,928,921	1	-	-	78	159,238	
COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	106	209,814	-	-	-	-	-	-	
TOTAL, M/NM	-	-	-	-	-	-	-	1	-	106	209,814	-	-	-	-	-	-	
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CONNECTICUT																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONE	-	-	-	-	-	-	-	-	-	352	562,081	-	-	4	1	112	234,853	
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	218	277,526	-	-	-	-	-	-	
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	570	839,607	-	-	4	1	112	234,853	
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DELAWARE																		
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	52,952	
NONMETAL	-	-	-	-	-	-	-	-	-	5	4,316	-	-	-	-	-	-	
STONE	-	-	-	-	-	-	-	-	-	1	422	-	-	-	1	461	-	
SAND AND GRAVEL	-	-	-	-	-	-	-	1	1	45	81,593	-	-	-	-	-	-	
TOTAL, M/NM	-	-	-	-	-	-	-	1	1	51	86,331	-	-	-	-	25	53,413	
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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JANUARY - DECEMBER 2017 (FINAL)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES				
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
ILLINOIS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	35,778
NONMETAL	-	-	-	-	-	-	-	4	3	165	374,305	-	-	2	5	338	777,857
STONE	-	5	1	194	434,491	-	1	5	3	725	1,407,838	-	-	19	6	801	1,755,694
SAND AND GRAVEL	-	-	-	-	-	-	-	4	3	456	787,756	-	-	-	-	-	-
TOTAL, M/NM	-	5	1	194	434,491	-	1	13	9	1,346	2,569,899	-	-	21	11	1,155	2,569,329
COAL	-	99	67	2,495	5,681,574	44,905,845	-	6	-	253	641,679	3,397,490	-	5	3	372	806,963
INDIANA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6,749
NONMETAL	-	-	-	21	42,826	-	-	-	-	22	36,453	-	-	-	-	47	104,861
STONE	-	-	1	151	361,864	-	-	15	13	651	1,331,337	-	-	21	15	1,131	2,507,753
SAND AND GRAVEL	-	-	-	-	-	-	-	7	6	546	1,114,534	-	-	-	-	-	-
TOTAL, M/NM	-	-	1	172	404,690	-	-	22	19	1,219	2,482,324	-	-	21	15	1,181	2,619,363
COAL	-	49	21	1,182	2,926,700	14,396,119	-	14	9	1,243	2,887,063	16,912,076	-	3	-	304	682,021
IOWA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	29,076
NONMETAL	-	11	2	156	378,850	-	-	-	-	96	124,696	-	-	-	-	125	240,227
STONE	1	3	-	244	554,398	-	-	9	4	864	1,551,370	-	-	14	10	499	1,019,123
SAND AND GRAVEL	-	-	-	-	-	-	-	5	2	522	742,519	-	-	-	-	-	-
TOTAL, M/NM	1	14	2	400	933,248	-	-	14	6	1,482	2,418,585	-	-	14	10	633	1,288,426
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	1	-	98	192,418	-	-	-	1	31	49,766	-	-	2	1	96	150,761
STONE	-	-	-	11	19,071	-	-	9	4	598	1,013,511	-	-	6	2	308	612,230
SAND AND GRAVEL	-	-	-	-	-	-	-	2	2	313	508,449	-	-	-	-	-	-
TOTAL, M/NM	-	1	-	109	211,489	-	-	11	7	942	1,571,726	-	-	8	3	404	762,991
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	33	56,828	-	-	-	-	55	107,142
STONE	-	6	4	494	980,659	-	-	7	9	666	1,427,272	-	-	9	6	905	1,900,606
SAND AND GRAVEL	-	-	-	-	-	-	-	4	-	128	257,895	-	-	-	-	-	-
TOTAL, M/NM	-	6	4	494	980,659	-	-	11	9	827	1,741,995	-	-	9	6	960	2,007,748
COAL	1	192	84	4,237	10,107,299	31,513,736	1	22	9	1,488	3,082,287	10,200,770	-	14	8	940	1,919,769

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JANUARY - DECEMBER 2017 (FINAL)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES				
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
LOUISIANA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	18	-	642	1,459,357	
NONMETAL	-	7	2	373	748,487	-	-	-	34	14,821	-	-	3	-	223	459,601	
STONE	-	-	-	-	-	-	-	-	9	15,162	-	-	-	-	11	7,304	
SAND AND GRAVEL	-	-	-	-	-	-	-	4	533	1,088,422	-	-	-	-	-	-	
TOTAL, M/NM	-	7	2	373	748,487	-	-	4	576	1,118,405	-	-	21	-	876	1,926,262	
COAL	-	-	-	-	-	-	-	2	2	316	764,888	2,078,567	-	-	-	-	
MAINE																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL	-	-	-	4	2,046	-	-	-	4	2,861	-	-	-	-	-	-	
STONE	-	-	-	-	-	-	-	1	3	189	251,781	-	-	1	81	161,568	
SAND AND GRAVEL	-	-	-	-	-	-	-	3	1	548	629,929	-	-	-	-	-	
TOTAL, M/NM	-	-	-	4	2,046	-	-	4	4	741	884,571	-	-	1	81	161,568	
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MARYLAND																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL	-	-	-	-	-	-	-	-	24	32,969	-	-	-	-	-	-	
STONE	-	-	-	9	17,788	-	-	7	2	226	506,645	-	-	3	3	495	1,087,248
SAND AND GRAVEL	-	-	-	-	-	-	-	3	2	240	458,802	-	-	-	-	-	
TOTAL, M/NM	-	-	-	9	17,788	-	-	10	4	490	998,416	-	-	3	3	495	1,087,248
COAL	-	5	2	133	315,272	744,470	-	-	-	126	302,653	1,063,914	-	-	-	39	80,794
MASSACHUSETTS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL	-	-	-	-	-	-	-	-	20	32,769	-	-	-	-	-	-	
STONE	-	-	-	-	-	-	-	12	4	355	677,304	-	-	3	1	265	519,022
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	338	427,239	-	-	-	-	-	
TOTAL, M/NM	-	-	-	-	-	-	-	13	4	713	1,137,312	-	-	3	1	265	519,022
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MICHIGAN																	
METAL	-	-	-	24	45,218	-	-	6	2	432	779,986	-	-	7	8	499	1,013,851
NONMETAL	-	-	-	42	118,083	-	-	-	-	64	130,550	-	-	-	-	16	35,571
STONE	-	-	-	-	-	-	-	3	4	260	559,444	-	-	9	8	528	1,215,126
SAND AND GRAVEL	-	-	-	-	-	-	-	13	3	1,225	1,859,755	-	-	-	-	-	
TOTAL, M/NM	-	-	-	66	163,301	-	-	22	9	1,981	3,329,735	-	-	16	16	1,043	2,264,548
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES				
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
MINNESOTA																	
METAL	-	-	-	-	-	-	-	24	14	1,933	4,035,202	-	-	26	12	1,603	3,439,099
NONMETAL	-	-	-	-	-	-	-	1	-	55	79,936	-	-	4	-	13	28,402
STONE	-	-	-	-	-	-	-	1	2	301	520,087	-	-	2	1	149	348,594
SAND AND GRAVEL	-	-	-	-	-	-	-	14	8	1,404	1,574,095	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	40	24	3,693	6,209,320	-	-	32	13	1,765	3,816,095
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSISSIPPI																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	24	39,460	-	-	7	-	303	632,802
STONE	-	-	-	-	-	-	-	-	-	8	18,034	-	-	-	-	6	6,246
SAND AND GRAVEL	-	-	-	-	-	-	-	2	1	480	980,162	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	2	1	512	1,037,656	-	-	7	-	309	639,048
COAL	-	-	-	-	-	-	-	1	-	379	644,104	2,603,668	-	-	-	-	-
MISSOURI																	
METAL	-	20	4	561	1,236,147	-	-	-	-	-	-	-	-	3	1	88	192,412
NONMETAL	-	-	-	37	45,501	-	-	-	-	74	121,074	-	-	11	2	410	925,533
STONE	-	8	5	381	864,376	-	-	13	7	1,169	2,297,960	-	-	31	26	2,194	4,571,448
SAND AND GRAVEL	-	-	-	-	-	-	-	3	3	295	476,710	-	-	-	-	-	-
TOTAL, M/NM	-	28	9	979	2,146,024	-	-	16	10	1,538	2,895,744	-	-	45	29	2,692	5,689,393
COAL	-	-	-	-	-	-	-	-	-	15	32,793	244,345	-	-	-	-	-
MONTANA																	
METAL	-	23	11	1,229	2,305,354	-	-	3	1	197	378,705	-	-	3	3	286	605,774
NONMETAL	-	-	-	-	-	-	-	1	1	79	114,289	-	-	1	4	158	319,193
STONE	-	-	-	-	-	-	-	10	2	172	217,537	-	-	1	1	176	361,176
SAND AND GRAVEL	-	-	-	-	-	-	-	6	1	554	538,350	-	-	-	-	-	-
TOTAL, M/NM	-	23	11	1,229	2,305,354	-	-	20	5	1,002	1,248,881	-	-	5	8	620	1,286,143
COAL	-	-	1	190	427,131	5,883,820	1	5	1	798	1,645,400	29,348,023	-	-	-	103	229,154
NEBRASKA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	4	2,383	-	-	-	-	-	-
STONE	-	2	1	147	363,134	-	-	2	2	92	201,507	-	-	4	5	173	388,785
SAND AND GRAVEL	-	-	-	-	-	-	-	11	6	531	922,479	-	-	-	-	-	-
TOTAL, M/NM	-	2	1	147	363,134	-	-	13	8	627	1,126,369	-	-	4	5	173	388,785
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES				
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
NEVADA																	
METAL	-	24	9	2,647	5,898,787	-	2	47	9	4,560	10,069,345	-	-	24	2	2,531	6,015,520
NONMETAL	-	-	-	4	2,436	-	-	-	-	255	416,829	-	-	9	10	519	998,107
STONE	-	-	-	-	-	-	-	-	2	154	302,733	-	-	6	5	200	427,613
SAND AND GRAVEL	-	-	-	-	-	-	-	5	1	620	1,089,758	-	-	-	-	-	-
TOTAL, M/NM	-	24	9	2,651	5,901,223	-	2	52	12	5,589	11,878,665	-	-	39	17	3,250	7,441,240
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW HAMPSHIRE																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	2	4,808	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	3	1	168	304,126	-	-	3	-	23	42,331
SAND AND GRAVEL	-	-	-	-	-	-	-	4	-	346	435,873	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	7	1	516	744,807	-	-	3	-	23	42,331
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	1	1	33	56,147	-	-	1	-	70	128,969
STONE	-	-	-	-	-	-	-	14	2	342	824,486	-	-	4	2	131	315,101
SAND AND GRAVEL	-	-	-	-	-	-	-	10	1	357	737,647	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	25	4	732	1,618,280	-	-	5	2	201	444,070
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO																	
METAL	-	-	-	-	-	-	-	13	3	662	1,361,800	-	-	18	4	401	813,494
NONMETAL	-	2	5	311	599,531	-	-	5	-	191	299,234	-	-	12	2	413	830,783
STONE	-	-	-	-	-	-	-	2	3	297	488,419	-	-	1	1	84	154,811
SAND AND GRAVEL	-	-	-	-	-	-	1	9	1	382	587,981	-	-	-	-	-	-
TOTAL, M/NM	-	2	5	311	599,531	-	1	29	7	1,532	2,737,434	-	-	31	7	898	1,799,088
COAL	-	2	3	310	517,043	5,327,442	-	4	1	508	1,080,917	8,516,241	-	-	-	89	174,759
NEW YORK																	
METAL	-	-	-	11	23,364	-	-	-	-	14	30,874	-	-	-	-	48	107,460
NONMETAL	-	4	1	431	860,825	-	-	-	-	56	83,434	-	-	4	1	183	366,248
STONE	-	2	-	23	55,713	-	-	10	6	872	1,575,178	-	-	9	6	632	1,383,242
SAND AND GRAVEL	-	-	-	-	-	-	-	7	4	1,260	1,760,776	-	-	-	-	-	-
TOTAL, M/NM	-	6	1	465	939,902	-	-	17	10	2,202	3,450,262	-	-	13	7	863	1,856,950
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

JANUARY - DECEMBER 2017 (FINAL)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES				
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
PENNSYLVANIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	25,922
NONMETAL	-	-	-	-	-	-	-	-	53	90,538	-	-	-	4	1	94	180,679
STONE	-	11	4	335	770,802	-	-	39	19	2,164	3,975,094	-	-	42	16	1,930	3,830,785
SAND AND GRAVEL	-	-	-	-	-	-	-	3	3	451	780,248	-	-	-	-	-	-
TOTAL, M/NM	-	11	4	335	770,802	-	-	42	22	2,668	4,845,880	-	-	46	17	2,038	4,037,386
COAL	-	135	55	3,151	7,237,325	39,620,236	-	8	5	651	1,329,900	3,708,703	-	6	4	428	903,508
ARTHRACTIC COAL	-	-	-	58	90,774	78,516	1	17	6	552	1,000,762	1,833,982	-	18	5	372	758,520
COAL	-	135	55	3,209	7,328,099	39,698,752	1	25	11	1,203	2,330,662	5,542,685	-	24	9	800	1,662,028
PUERTO RICO																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	9	19,597	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	1	275	387,003	-	-	8	-	268	552,475
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	91	110,730	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	1	1	375	517,330	-	-	8	-	268	552,475
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RHODE ISLAND																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	102
STONE	-	-	-	-	-	-	-	1	-	59	112,752	-	-	-	-	15	30,390
SAND AND GRAVEL	-	-	-	-	-	-	-	3	1	132	225,821	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	4	1	191	338,573	-	-	-	-	16	30,492
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA																	
METAL	-	-	-	-	-	-	-	10	1	243	580,178	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	49	81,505	-	-	1	4	147	304,767
STONE	-	-	-	-	-	-	-	3	-	327	752,285	-	-	11	4	574	1,250,749
SAND AND GRAVEL	-	-	-	-	-	-	-	1	2	248	532,327	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	14	3	867	1,946,295	-	-	12	8	721	1,555,516
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA																	
METAL	-	-	-	-	-	-	-	3	1	164	300,204	-	-	-	-	43	86,633
NONMETAL	-	-	-	-	-	-	-	-	-	9	12,501	-	-	2	-	33	62,858
STONE	-	-	-	-	-	-	-	9	4	224	430,974	-	-	6	3	192	418,107
SAND AND GRAVEL	-	-	-	-	-	-	-	3	2	352	440,668	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	15	7	749	1,184,347	-	-	8	3	268	567,598
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

JANUARY - DECEMBER 2017 (FINAL)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES				
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
TENNESSEE																	
METAL	-	6	1	693	1,218,683	-	-	-	-	-	-	-	-	-	-	147	217,180
NONMETAL	-	-	-	-	-	-	-	-	-	68	139,687	-	-	3	2	150	337,190
STONE	-	1	1	118	225,735	-	-	5	1	835	1,435,957	-	-	14	8	945	1,972,292
SAND AND GRAVEL	-	-	-	-	-	-	-	3	-	240	471,497	-	-	-	-	-	-
TOTAL, M/NM	-	7	2	811	1,444,418	-	-	8	1	1,143	2,047,141	-	-	17	10	1,242	2,526,662
COAL	-	4	-	94	197,450	329,246	-	1	-	47	52,884	101,866	-	1	-	33	70,179
TEXAS																	
METAL	-	-	-	-	-	-	-	-	-	2	521	-	-	3	-	56	99,753
NONMETAL	-	1	-	44	102,898	-	-	7	4	622	1,283,188	-	-	15	3	824	1,753,068
STONE	-	1	-	16	34,297	-	-	47	18	4,080	8,954,627	-	-	48	26	2,463	5,877,248
SAND AND GRAVEL	-	-	-	-	-	-	1	32	9	3,123	6,887,151	-	-	-	-	-	-
TOTAL, M/NM	-	2	-	60	137,195	-	1	86	31	7,827	17,125,487	-	-	66	29	3,343	7,730,069
COAL	-	-	-	-	-	-	-	15	9	2,047	4,345,410	36,382,244	-	-	-	-	-
UTAH																	
METAL	-	-	-	32	61,665	-	-	4	1	980	2,212,111	-	-	2	3	404	829,492
NONMETAL	-	3	2	92	179,601	-	-	1	-	136	223,427	-	-	3	3	251	485,545
STONE	-	-	-	-	-	-	-	1	-	195	313,254	-	-	3	2	192	347,328
SAND AND GRAVEL	-	-	-	-	-	-	-	2	13	1,220	1,882,426	-	-	-	-	-	-
TOTAL, M/NM	-	3	2	124	241,266	-	-	8	14	2,531	4,631,218	-	-	8	8	847	1,662,365
COAL	-	17	14	1,041	2,218,910	13,601,793	-	-	2	37	92,677	723,944	-	2	-	86	184,583
VERMONT																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	29	21,078	-	-	-	-	16	37,694
STONE	-	1	-	34	77,709	-	-	7	-	331	522,333	-	-	6	1	272	501,915
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	227	220,031	-	-	-	-	-	-
TOTAL, M/NM	-	1	-	34	77,709	-	-	7	-	587	763,442	-	-	6	1	288	539,609
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGIN ISLANDS OF THE U S																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	3	-	41	63,899	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	3	-	41	63,899	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

JANUARY - DECEMBER 2017 (FINAL)

Underground Mines							Surface Operations						MILLS AND PREP PLANTS				
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production	NUMBER OF INJURIES						NUMBER OF INJURIES				
	Fatal	NFDL	NDL				Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
VIRGINIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	17,541
NONMETAL	-	-	-	-	-	-	-	2	2	116	118,811	-	-	2	1	209	434,241
STONE	-	-	-	33	69,219	-	-	16	7	725	1,531,693	-	-	15	10	1,213	2,594,718
SAND AND GRAVEL	-	-	-	-	-	-	-	2	-	257	438,605	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	33	69,219	-	-	20	9	1,098	2,089,109	-	-	17	11	1,458	3,046,500
COAL	-	52	11	1,703	3,815,576	9,819,993	-	17	1	699	1,587,918	3,882,169	-	3	4	372	797,625
WASHINGTON																	
METAL	-	8	2	298	551,855	-	-	-	-	4	236	-	-	2	1	32	53,662
NONMETAL	-	-	-	-	-	-	-	-	-	37	75,577	-	-	3	1	58	147,119
STONE	-	-	-	-	-	-	-	4	-	399	626,797	-	-	9	2	222	424,389
SAND AND GRAVEL	-	-	-	-	-	-	-	14	8	926	1,528,519	-	-	-	-	-	-
TOTAL, M/NM	-	8	2	298	551,855	-	-	18	8	1,366	2,231,129	-	-	14	4	312	625,170
COAL	-	-	-	-	-	-	-	-	-	22	41,268	-	-	-	-	-	-
WEST VIRGINIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	8	15,428
NONMETAL	-	-	-	-	-	-	-	-	-	12	21,340	-	-	2	3	111	233,451
STONE	-	2	2	78	160,397	-	-	1	2	188	364,545	-	-	7	5	398	822,582
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	12	24,276	-	-	-	-	-	-
TOTAL, M/NM	-	2	2	78	160,397	-	-	1	2	212	410,161	-	-	9	9	517	1,071,461
COAL	5	535	164	9,561	21,931,624	76,324,708	1	28	15	2,458	5,813,944	20,652,205	1	36	17	1,641	3,618,105
WISCONSIN																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	24	55,353	-	-	19	2	677	1,322,218	-	-	25	12	711	1,575,047
STONE	-	-	-	-	-	-	-	18	8	849	1,485,021	-	-	10	7	479	994,891
SAND AND GRAVEL	-	-	-	-	-	-	-	17	3	1,131	1,659,608	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	24	55,353	-	-	54	13	2,657	4,466,847	-	-	35	19	1,190	2,569,938
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	10	6	728	1,456,438	-	-	3	2	208	444,493	-	-	20	8	1,558	3,292,010
STONE	-	-	-	-	-	-	-	1	1	82	153,762	-	-	1	3	147	339,699
SAND AND GRAVEL	-	-	-	-	-	-	-	2	2	457	437,945	-	-	-	-	-	-
TOTAL, M/NM	-	10	6	728	1,456,438	-	-	6	5	747	1,036,200	-	-	21	11	1,705	3,631,709
COAL	1	4	2	230	499,300	1,715,801	-	22	24	5,313	10,821,907	310,279,145	-	2	-	81	161,659

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

JANUARY - DECEMBER 2017 (FINAL)

Underground Mines						
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production
	Fatal	NFDL	NDL			
NATION						
METAL	-	109	46	6,865	13,993,516	-
NONMETAL	-	46	18	2,656	5,424,017	-
STONE	1	50	21	2,632	5,728,168	-
SAND AND GRAVEL	-	-	-	-	-	-
TOTAL, M/NM	1	205	85	12,153	25,145,701	-
COAL	8	1,218	467	27,559	63,065,398	273,013,742

Surface Operations						
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS	Production
	Fatal	NFDL	NDL			
NATION						
METAL	3	189	72	14,755	30,868,151	-
NONMETAL	-	96	38	6,591	12,604,215	-
STONE	4	415	171	28,917	56,253,356	-
SAND AND GRAVEL	3	331	143	30,535	51,195,597	-
TOTAL, M/NM	10	1,031	424	80,798	150,921,319	-
COAL	4	184	96	19,956	42,223,353	497,326,503

MILLS AND PREP PLANTS					
STATE AND MINERAL INDUSTRY	NUMBER OF INJURIES			AVG # EMP	EMP HRS
	Fatal	NFDL	NDL		
NATION					
METAL	-	188	74	12,115	25,979,882
NONMETAL	-	183	89	11,747	24,705,597
STONE	-	491	254	26,681	57,431,772
SAND AND GRAVEL	-	-	-	-	-
TOTAL, M/NM	-	862	417	50,543	108,117,251
COAL	2	96	42	5,503	11,723,710