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

JANUARY - DECEMBER 2019 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
ALABAMA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	55,859
NONMETAL	-	-	-	-	-	-	-	-	1	75	127,799	-	-	3	-	149	294,792
STONE	-	-	-	8	15,412	-	-	2	1	729	1,571,344	-	-	18	13	1,442	3,342,133
SAND AND GRAVEL	-	-	-	-	-	-	-	3	2	512	1,077,139	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	8	15,412	-	-	5	4	1,316	2,776,282	-	-	21	13	1,616	3,692,784
COAL	-	78	19	2,056	5,305,387	11,980,025	-	4	1	516	1,118,951	2,144,164	-	4	1	294	628,936
ALASKA																	
METAL	-	16	8	817	1,857,315	-	-	3	3	725	1,685,625	-	-	2	4	522	1,327,972
NONMETAL	-	-	-	-	-	-	-	-	-	2	80	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	2	-	125	178,997	-	-	-	-	10	19,400
SAND AND GRAVEL	-	-	-	-	-	-	-	2	4	419	404,107	-	-	-	-	-	-
TOTAL, M/NM	-	16	8	817	1,857,315	-	-	7	7	1,271	2,268,809	-	-	2	4	532	1,347,372
COAL	-	-	-	-	-	-	-	-	1	82	156,670	974,702	-	-	-	5	6,523
AMERICAN SAMOA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	7	20,689	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	7	20,689	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARIZONA																	
METAL	-	2	-	190	343,973	-	-	163	48	4,148	8,630,175	-	-	30	6	4,281	8,405,359
NONMETAL	-	-	-	-	-	-	-	2	-	70	121,447	-	-	3	-	42	87,933
STONE	-	-	-	-	-	-	-	8	3	516	1,016,409	-	-	4	2	259	537,212
SAND AND GRAVEL	-	-	-	-	-	-	-	35	11	1,367	2,626,611	-	-	-	-	-	-
TOTAL, M/NM	-	2	-	190	343,973	-	-	208	62	6,101	12,394,642	-	-	37	8	4,582	9,030,504
COAL	-	-	-	-	-	-	-	2	-	191	384,958	3,842,508	-	-	-	61	91,874
ARKANSAS																	
METAL	-	-	-	-	-	-	-	-	-	16	33,386	-	-	5	-	255	531,019
NONMETAL	-	-	-	-	-	-	-	-	-	123	237,205	-	-	-	2	83	184,681
STONE	-	-	-	38	77,796	-	-	4	5	781	1,642,444	-	-	11	2	497	1,209,022
SAND AND GRAVEL	-	-	-	-	-	-	-	2	3	373	797,726	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	38	77,796	-	-	6	8	1,293	2,710,761	-	-	16	4	835	1,924,722
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 2019 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
CALIFORNIA																	
METAL	-	-	-	17	23,971	-	-	9	1	422	839,275	-	-	-	1	300	522,061
NONMETAL	-	-	-	7	3,735	-	-	7	3	544	1,036,505	-	-	7	4	751	1,545,537
STONE	-	-	-	-	-	-	-	13	7	1,070	1,997,155	-	-	21	14	1,124	2,363,362
SAND AND GRAVEL	-	-	-	-	-	-	-	32	8	2,864	5,669,925	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	24	27,706	-	-	61	19	4,900	9,542,860	-	-	28	19	2,175	4,430,960
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COLORADO																	
METAL	-	3	-	234	412,955	-	-	12	2	479	1,016,489	-	-	7	2	483	989,508
NONMETAL	-	-	-	9	12,173	-	-	1	-	55	100,968	-	-	-	-	4	6,176
STONE	-	-	-	44	94,159	-	-	8	4	395	778,500	-	-	4	1	326	650,575
SAND AND GRAVEL	-	-	-	-	-	-	-	11	1	1,169	1,805,114	-	-	-	-	-	-
TOTAL, M/NM	-	3	-	287	519,287	-	-	32	7	2,098	3,701,071	-	-	11	3	813	1,646,259
COAL	-	9	4	737	1,574,027	9,315,873	-	2	1	346	688,983	3,552,249	-	-	-	80	162,506
COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	112	188,683	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	112	188,683	-	-	-	-	-	-
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONNECTICUT																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	3	458	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	2	289	522,484	-	-	1	2	111	215,921
SAND AND GRAVEL	-	-	-	-	-	-	-	1	1	214	312,509	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	2	3	506	835,451	-	-	1	2	111	215,921
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DELAWARE																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	48,607
NONMETAL	-	-	-	-	-	-	-	-	-	13	22,830	-	-	-	-	10	5,239
STONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	31	62,630	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	44	85,460	-	-	-	-	32	53,846
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 2019 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
FLORIDA																	
METAL	-	-	-	-	-	-	-	1	1	33	67,705	-	-	1	-	178	367,102
NONMETAL	-	-	-	-	-	-	-	15	7	806	1,888,388	-	-	3	2	498	1,108,074
STONE	-	-	-	-	-	-	-	11	5	1,181	2,763,374	-	-	22	10	1,066	2,406,775
SAND AND GRAVEL	-	-	-	-	-	-	-	4	3	483	924,193	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	31	16	2,503	5,643,660	-	-	26	12	1,742	3,881,951
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEORGIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	1	3	310	669,581	-	-	25	5	2,108	4,399,038
STONE	-	4	4	105	183,453	-	1	19	8	787	1,649,460	-	-	5	1	1,092	2,425,302
SAND AND GRAVEL	-	-	-	-	-	-	-	3	1	275	524,480	-	-	-	-	-	-
TOTAL, M/NM	-	4	4	105	183,453	-	1	23	12	1,372	2,843,521	-	-	30	6	3,200	6,824,340
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUAM																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	-	-	23	18,402	-	-	-	-	51	41,472
SAND AND GRAVEL	-	-	-	-	-	-	-	-	1	64	123,149	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	1	87	141,551	-	-	-	-	51	41,472
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAWAII																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	3	-	242	510,898	-	-	2	-	21	51,986
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	51	40,268	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	3	-	293	551,166	-	-	2	-	21	51,986
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAHO																	
METAL	-	15	8	327	564,743	-	-	-	-	6	7,965	-	-	1	-	98	192,692
NONMETAL	-	-	-	-	-	-	-	1	-	408	743,576	-	-	2	-	141	240,444
STONE	-	-	-	-	-	-	-	1	1	271	306,989	-	-	1	1	24	47,317
SAND AND GRAVEL	-	-	-	-	-	-	-	8	5	764	1,024,112	-	-	-	-	-	-
TOTAL, M/NM	-	15	8	327	564,743	-	-	10	6	1,449	2,082,642	-	-	4	1	263	480,453
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 2019 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
ILLINOIS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	17	34,261
NONMETAL	-	-	-	-	-	-	-	7	1	213	434,988	-	-	5	2	351	794,321
STONE	-	8	3	211	457,343	-	-	16	7	731	1,421,550	-	-	12	6	751	1,616,218
SAND AND GRAVEL	-	-	-	-	-	-	-	3	1	408	729,739	-	-	-	-	-	-
TOTAL, M/NM	-	8	3	211	457,343	-	-	26	9	1,352	2,586,277	-	-	19	8	1,119	2,444,800
COAL	1	100	55	2,334	5,365,774	42,411,211	-	7	-	289	691,223	3,448,441	-	4	1	363	784,842
INDIANA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	5,271
NONMETAL	-	1	-	37	53,640	-	-	-	1	26	43,145	-	-	2	1	49	106,536
STONE	-	6	1	172	373,401	-	-	12	5	650	1,354,773	-	-	25	19	1,117	2,445,477
SAND AND GRAVEL	-	-	-	-	-	-	-	7	4	588	1,131,399	-	-	-	-	-	-
TOTAL, M/NM	-	7	1	209	427,041	-	-	19	10	1,264	2,529,317	-	-	27	20	1,168	2,557,284
COAL	-	73	15	1,459	3,665,262	16,955,885	-	7	7	1,164	2,720,316	14,663,616	-	1	6	299	727,221
IOWA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	6	8	186	357,411	-	-	1	1	66	105,762	-	-	1	-	142	259,991
STONE	-	2	-	247	558,201	-	-	4	2	803	1,456,683	-	-	18	4	440	961,172
SAND AND GRAVEL	-	-	-	-	-	-	-	3	2	498	710,552	-	-	-	-	10	28,156
TOTAL, M/NM	-	8	8	433	915,612	-	-	8	5	1,367	2,272,997	-	-	19	4	592	1,249,319
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANSAS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	4	1	118	287,231	-	-	-	-	27	49,357	-	-	2	-	82	129,684
STONE	-	-	-	9	17,485	-	-	5	4	531	935,833	-	-	4	6	281	568,010
SAND AND GRAVEL	-	-	-	-	-	-	-	2	2	335	490,353	-	-	-	-	-	-
TOTAL, M/NM	-	4	1	127	304,716	-	-	7	6	893	1,475,543	-	-	6	6	363	697,694
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	22	40,173	-	-	-	-	62	134,232
STONE	-	5	7	478	1,005,262	-	-	11	6	682	1,423,941	-	-	10	11	936	1,953,938
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	157	317,266	-	-	-	-	-	-
TOTAL, M/NM	-	5	7	478	1,005,262	-	-	12	6	861	1,781,380	-	-	10	11	998	2,088,170
COAL	3	133	99	4,127	9,418,686	28,747,170	-	17	8	1,304	2,687,514	7,364,253	-	15	11	934	2,040,374

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

JANUARY - DECEMBER 2019 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
LOUISIANA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	9	8	647	1,365,490
NONMETAL	1	7	4	382	814,513	-	-	-	-	77	219,649	-	-	2	-	248	529,534
STONE	-	-	-	-	-	-	-	-	-	6	12,070	-	-	-	-	2	560
SAND AND GRAVEL	-	-	-	-	-	-	-	2	-	595	1,159,381	-	-	-	-	-	-
TOTAL, M/NM	1	7	4	382	814,513	-	-	2	-	678	1,391,100	-	-	11	8	897	1,895,584
COAL	-	-	-	-	-	-	-	3	1	235	456,226	1,537,669	-	-	-	-	-
MAINE																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	4	1,618	-	-	-	-	2	838	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	3	-	167	260,216	-	-	1	1	72	143,763
SAND AND GRAVEL	-	-	-	-	-	-	-	9	-	561	669,166	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	4	1,618	-	-	12	-	730	930,220	-	-	1	1	72	143,763
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARYLAND																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	7	7,225	-	-	-	-	8	17,290
STONE	-	2	2	54	112,306	-	-	2	7	218	460,553	-	-	4	3	449	1,000,334
SAND AND GRAVEL	-	-	-	-	-	-	-	1	3	211	430,487	-	-	-	-	-	-
TOTAL, M/NM	-	2	2	54	112,306	-	-	3	10	436	898,265	-	-	4	3	457	1,017,624
COAL	-	5	5	101	240,153	635,107	-	1	-	113	240,685	835,924	-	1	-	40	96,483
MASSACHUSETTS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	799	231,998	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	5	3	419	796,132	-	-	4	-	248	454,978
SAND AND GRAVEL	-	-	-	-	-	-	-	1	1	695	568,700	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	6	4	1,913	1,596,830	-	-	4	-	248	454,978
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICHIGAN																	
METAL	-	-	-	26	50,547	-	-	11	-	459	838,658	-	-	5	4	494	994,762
NONMETAL	-	-	2	53	138,021	-	-	1	-	71	145,609	-	-	-	-	16	34,383
STONE	-	-	-	-	-	-	-	3	3	266	547,785	-	-	13	5	617	1,371,415
SAND AND GRAVEL	-	-	-	-	-	-	-	9	8	1,221	1,961,583	-	-	-	-	-	-
TOTAL, M/NM	-	-	2	79	188,568	-	-	24	11	2,017	3,493,635	-	-	18	9	1,127	2,400,560
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 2019 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
MINNESOTA																	
METAL	-	-	-	-	-	-	1	19	14	2,092	4,372,290	-	-	21	7	1,689	3,556,447
NONMETAL	-	-	-	-	-	-	-	1	-	33	40,146	-	-	-	-	13	24,601
STONE	-	-	-	-	-	-	-	2	1	290	492,794	-	-	2	2	112	246,139
SAND AND GRAVEL	-	-	-	-	-	-	-	14	3	1,427	1,506,262	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	1	36	18	3,842	6,411,492	-	-	23	9	1,814	3,827,187
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSISSIPPI																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	23	32,537	-	-	6	2	325	708,403
STONE	-	-	-	-	-	-	-	-	-	8	16,487	-	-	-	-	6	7,357
SAND AND GRAVEL	-	-	-	-	-	-	-	5	1	559	1,116,289	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	5	1	590	1,165,313	-	-	6	2	331	715,760
COAL	-	-	-	-	-	-	-	2	1	234	424,735	2,697,331	-	-	-	-	-
MISSOURI																	
METAL	-	20	1	591	1,302,895	-	-	-	-	-	-	-	-	3	1	99	199,750
NONMETAL	-	1	1	17	42,281	-	-	1	1	69	111,656	-	-	8	5	493	1,049,187
STONE	-	4	-	346	838,706	-	-	14	7	1,234	2,327,276	-	-	46	23	2,040	4,197,123
SAND AND GRAVEL	-	-	-	-	-	-	-	2	-	308	441,971	-	-	-	-	-	-
TOTAL, M/NM	-	25	2	954	2,183,882	-	-	17	8	1,611	2,880,903	-	-	57	29	2,632	5,446,060
COAL	-	-	-	-	-	-	-	-	-	14	29,527	189,273	-	-	-	-	-
MONTANA																	
METAL	-	38	10	1,433	2,643,576	-	-	1	-	187	386,917	-	-	1	2	300	610,654
NONMETAL	-	-	-	-	-	-	-	2	-	70	115,284	-	-	8	4	168	360,540
STONE	-	-	-	-	-	-	-	9	2	156	200,528	-	-	7	1	162	328,621
SAND AND GRAVEL	-	-	-	-	-	-	-	5	1	547	521,983	-	-	-	-	-	-
TOTAL, M/NM	-	38	10	1,433	2,643,576	-	-	17	3	960	1,224,712	-	-	16	7	630	1,299,815
COAL	-	3	4	214	470,867	7,019,129	-	2	1	937	1,814,124	27,448,405	-	-	-	100	225,919
NEBRASKA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	6	2,287	-	-	-	-	-	-
STONE	-	3	1	161	392,871	-	-	2	-	98	192,195	-	-	5	1	178	361,799
SAND AND GRAVEL	-	-	-	-	-	-	-	5	2	522	770,474	-	-	-	-	-	-
TOTAL, M/NM	-	3	1	161	392,871	-	-	7	2	626	964,956	-	-	5	1	178	361,799
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 2019 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
NEVADA																	
METAL	-	15	3	2,634	5,846,207	-	-	67	17	4,566	10,217,229	-	-	26	22	2,700	6,412,970
NONMETAL	-	-	-	-	-	-	-	2	3	329	571,565	-	-	11	2	474	947,973
STONE	-	-	-	-	-	-	-	1	-	176	318,261	-	-	5	-	189	435,587
SAND AND GRAVEL	-	-	-	-	-	-	-	3	3	668	1,174,473	-	-	-	-	-	-
TOTAL, M/NM	-	15	3	2,634	5,846,207	-	-	73	23	5,739	12,281,528	-	-	42	24	3,363	7,796,530
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW HAMPSHIRE																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	2	4,672	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	2	1	159	311,556	-	-	6	-	23	44,719
SAND AND GRAVEL	-	-	-	-	-	-	-	3	1	365	471,626	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	5	2	526	787,854	-	-	6	-	23	44,719
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW JERSEY																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	2	-	28	52,398	-	-	3	1	115	201,389
STONE	-	-	-	-	-	-	-	14	4	365	889,858	-	-	2	-	123	295,091
SAND AND GRAVEL	-	-	-	-	-	-	-	8	-	361	734,927	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	24	4	754	1,677,183	-	-	5	1	238	496,480
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW MEXICO																	
METAL	-	-	-	-	-	-	-	16	3	646	1,341,498	-	-	9	-	541	1,109,410
NONMETAL	-	4	1	275	577,045	-	-	5	2	169	309,791	-	-	10	3	383	769,519
STONE	-	-	-	-	-	-	-	1	2	312	554,290	-	-	3	-	85	162,107
SAND AND GRAVEL	-	-	-	-	-	-	-	10	3	439	639,604	-	-	-	-	-	-
TOTAL, M/NM	-	4	1	275	577,045	-	-	32	10	1,566	2,845,183	-	-	22	3	1,009	2,041,036
COAL	-	5	3	210	465,436	3,775,959	-	2	1	573	1,218,250	10,759,701	-	-	-	86	189,667
NEW YORK																	
METAL	-	1	5	64	148,790	-	-	-	-	16	36,092	-	-	-	1	80	173,760
NONMETAL	-	2	4	459	926,196	-	-	-	-	59	86,642	-	-	3	1	169	343,222
STONE	-	-	-	21	46,509	-	-	12	7	896	1,616,906	-	-	10	8	605	1,460,222
SAND AND GRAVEL	-	-	-	-	-	-	-	3	-	1,227	1,701,192	-	-	-	-	-	-
TOTAL, M/NM	-	3	9	544	1,121,495	-	-	15	7	2,198	3,440,832	-	-	13	10	854	1,977,204
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 2019 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
NORTH CAROLINA																	
METAL	-	-	-	-	-	-	-	-	-	1	1,018	-	-	-	-	5	7,781
NONMETAL	-	-	-	-	-	-	-	4	2	427	860,983	-	-	15	9	529	990,050
STONE	-	-	-	-	-	-	-	14	7	879	1,869,104	-	-	14	-	771	1,826,382
SAND AND GRAVEL	-	-	-	-	-	-	-	5	-	329	664,904	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	23	9	1,636	3,396,009	-	-	29	9	1,305	2,824,213
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DAKOTA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	3	2,289	-	-	-	-	17	38,246
STONE	-	-	-	-	-	-	-	-	-	2	580	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	3	1	445	465,244	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	3	1	450	468,113	-	-	-	-	17	38,246
COAL	-	-	-	-	-	-	-	10	5	1,231	2,408,458	26,996,860	-	-	-	6	6,984
OHIO																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	3	1	292	662,054	-	-	1	-	97	151,093	-	-	1	2	123	254,642
STONE	-	2	1	122	215,151	-	-	2	2	776	1,417,529	-	-	16	9	948	1,931,021
SAND AND GRAVEL	-	-	-	-	-	-	-	4	1	876	1,608,986	-	-	-	-	-	-
TOTAL, M/NM	-	5	2	414	877,205	-	-	7	3	1,749	3,177,608	-	-	17	11	1,071	2,185,663
COAL	-	28	17	576	1,308,132	6,332,365	-	7	1	257	504,148	1,446,737	-	2	1	174	305,248
OKLAHOMA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	3	3	290	577,208	-	-	2	-	52	97,724
STONE	-	-	-	16	34,574	-	-	20	12	1,151	2,203,427	-	-	12	7	787	1,747,282
SAND AND GRAVEL	-	-	-	-	-	-	-	5	2	580	1,213,698	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	16	34,574	-	-	28	17	2,021	3,994,333	-	-	14	7	839	1,845,006
COAL	-	-	-	-	-	-	-	1	1	55	116,420	227,341	-	-	-	-	-
OREGON																	
METAL	-	-	-	6	2,105	-	-	-	-	21	19,678	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	117	145,872	-	-	5	-	140	235,912
STONE	-	-	-	-	-	-	-	9	2	845	1,290,915	-	-	2	1	98	194,568
SAND AND GRAVEL	-	-	-	-	-	-	-	9	3	547	809,551	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	6	2,105	-	-	18	5	1,530	2,266,016	-	-	7	1	238	430,480
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 2019 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
PENNSYLVANIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	119	250,249
NONMETAL	-	-	-	-	-	-	-	-	1	55	93,878	-	-	8	3	108	193,118
STONE	-	8	3	368	808,120	-	-	48	18	2,197	3,976,316	-	-	42	12	1,969	3,833,232
SAND AND GRAVEL	-	-	-	-	-	-	-	2	8	421	726,669	-	-	-	-	-	-
TOTAL, M/NM	-	8	3	368	808,120	-	-	50	27	2,673	4,796,863	-	-	51	15	2,196	4,276,599
BITUMINOUS COAL	1	98	62	3,058	7,160,948	40,015,181	-	4	-	633	1,212,661	2,942,228	1	12	1	420	908,266
ARTHRACITE COAL	-	-	-	48	72,026	63,114	-	16	5	549	1,045,466	2,547,823	-	18	9	395	805,914
COAL	1	98	62	3,106	7,232,974	40,078,295	-	20	5	1,182	2,258,127	5,490,051	1	30	10	815	1,714,180
PUERTO RICO																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	11	24,924	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	5	-	263	493,689	-	-	9	-	317	645,442
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	88	144,173	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	5	-	362	662,786	-	-	9	-	317	645,442
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RHODE ISLAND																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	70
STONE	-	-	-	-	-	-	-	-	-	51	97,414	-	-	-	-	10	19,344
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	141	226,170	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	-	-	192	323,584	-	-	-	-	11	19,414
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA																	
METAL	-	-	-	-	-	-	-	7	1	319	737,899	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	3	1	68	134,566	-	-	2	1	165	346,477
STONE	-	-	-	-	-	-	-	5	3	345	755,798	-	-	19	3	555	1,221,005
SAND AND GRAVEL	-	-	-	-	-	-	-	1	2	233	508,292	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	16	7	965	2,136,555	-	-	21	4	720	1,567,482
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DAKOTA																	
METAL	-	-	-	-	-	-	-	2	1	154	293,120	-	-	-	-	49	92,675
NONMETAL	-	-	-	-	-	-	-	-	-	12	14,433	-	-	-	-	27	51,197
STONE	-	-	-	-	-	-	-	9	6	187	389,544	-	-	6	2	183	408,597
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	360	482,537	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	12	7	713	1,179,634	-	-	6	2	259	552,469
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 2019 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
TENNESSEE																	
METAL	-	10	7	679	1,447,308	-	-	-	-	-	-	-	-	-	-	109	220,669
NONMETAL	-	-	-	-	-	-	-	-	-	68	127,058	-	-	-	2	154	360,304
STONE	-	-	-	114	227,816	-	1	8	1	958	1,647,821	-	-	6	3	981	2,105,064
SAND AND GRAVEL	-	-	-	-	-	-	-	1	-	223	438,413	-	-	-	-	-	-
TOTAL, M/NM	-	10	7	793	1,675,124	-	1	9	1	1,249	2,213,292	-	-	6	5	1,244	2,686,037
COAL	-	1	2	75	172,106	313,583	-	1	-	19	41,102	122,340	-	-	-	30	71,616
TEXAS																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	38	73,513
NONMETAL	-	6	-	44	107,261	-	-	21	8	1,116	2,318,146	-	-	18	5	1,035	2,110,753
STONE	-	1	2	16	31,174	-	1	54	26	4,096	9,299,701	-	-	51	18	2,390	5,733,529
SAND AND GRAVEL	-	-	-	-	-	-	1	63	23	4,511	10,622,896	-	-	-	-	-	-
TOTAL, M/NM	-	7	2	60	138,435	-	2	138	57	9,723	22,240,743	-	-	69	25	3,463	7,917,795
COAL	-	-	-	-	-	-	-	4	5	1,668	3,570,699	23,306,690	-	-	-	-	-
UTAH																	
METAL	-	-	-	24	41,973	-	-	11	5	1,116	2,450,087	-	-	1	2	443	928,457
NONMETAL	-	-	-	91	187,519	-	-	-	-	135	234,481	-	-	7	2	233	450,925
STONE	-	-	-	-	-	-	-	1	2	198	325,865	-	-	2	3	207	370,951
SAND AND GRAVEL	-	-	-	-	-	-	-	9	7	1,325	1,968,397	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	115	229,492	-	-	21	14	2,774	4,978,830	-	-	10	7	883	1,750,333
COAL	-	27	24	1,230	2,742,367	14,165,350	-	1	3	36	96,273	240,010	-	1	-	86	175,985
VERMONT																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	33	21,824	-	-	4	-	19	41,972
STONE	-	1	-	31	70,592	-	1	5	1	363	550,771	-	-	7	1	237	442,725
SAND AND GRAVEL	-	-	-	-	-	-	1	-	-	239	246,611	-	-	-	-	-	-
TOTAL, M/NM	-	1	-	31	70,592	-	2	5	1	635	819,206	-	-	11	1	256	484,697
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRGIN ISLANDS OF THE U S																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STONE	-	-	-	-	-	-	-	1	-	21	50,961	-	-	-	-	-	-
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	-	-	-	-	1	-	21	50,961	-	-	-	-	-	-
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 2019 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
VIRGINIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	-	-	-	-	1	-	99	90,964	-	-	2	-	202	329,061
STONE	-	1	1	33	66,316	-	-	14	10	769	1,549,010	-	-	12	6	1,200	2,528,031
SAND AND GRAVEL	-	-	-	-	-	-	-	2	-	258	447,250	-	-	-	-	-	-
TOTAL, M/NM	-	1	1	33	66,316	-	-	17	10	1,126	2,087,224	-	-	14	6	1,402	2,857,092
COAL	-	39	13	1,598	3,459,911	8,715,643	-	8	1	830	1,717,046	3,753,340	-	2	3	377	749,315
WASHINGTON																	
METAL	-	1	1	131	179,094	-	-	-	-	3	176	-	-	-	-	64	59,397
NONMETAL	-	-	-	-	-	-	-	2	-	32	68,578	-	-	1	-	58	125,945
STONE	-	-	-	-	-	-	-	2	4	372	619,177	-	-	7	8	236	429,600
SAND AND GRAVEL	-	-	-	-	-	-	-	7	8	972	1,614,535	-	-	-	-	-	-
TOTAL, M/NM	-	1	1	131	179,094	-	-	11	12	1,379	2,302,466	-	-	8	8	358	614,942
COAL	-	-	-	-	-	-	-	-	-	29	53,925	-	-	-	-	-	-
WEST VIRGINIA																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	32,771
NONMETAL	-	-	-	-	-	-	-	-	-	11	14,627	-	-	-	2	92	200,575
STONE	-	-	-	89	213,754	-	-	2	3	205	382,325	-	-	7	1	380	772,993
SAND AND GRAVEL	-	-	-	-	-	-	-	-	-	12	28,573	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	89	213,754	-	-	2	3	228	425,525	-	-	7	3	507	1,006,339
COAL	2	444	152	9,662	22,909,197	74,693,044	1	40	18	2,999	6,925,633	22,917,053	1	32	12	1,786	4,108,815
WISCONSIN																	
METAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL	-	-	-	16	22,109	-	-	8	2	719	1,318,566	-	-	11	4	547	1,013,975
STONE	-	-	-	-	-	-	-	23	9	932	1,684,514	-	-	9	2	457	969,869
SAND AND GRAVEL	-	-	-	-	-	-	-	14	6	1,071	1,497,032	-	-	-	-	-	-
TOTAL, M/NM	-	-	-	16	22,109	-	-	45	17	2,722	4,500,112	-	-	20	6	1,004	1,983,844
COAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WYOMING																	
METAL	-	-	-	-	-	-	-	-	-	1	28	-	-	-	-	-	-
NONMETAL	-	16	6	812	1,420,441	-	-	5	2	252	501,486	-	-	10	15	1,551	3,240,328
STONE	-	-	-	-	-	-	-	3	-	106	229,046	-	-	5	2	134	289,275
SAND AND GRAVEL	-	-	-	-	-	-	-	1	4	415	492,716	-	-	-	-	-	-
TOTAL, M/NM	-	16	6	812	1,420,441	-	-	9	6	774	1,223,276	-	-	15	17	1,685	3,529,603
COAL	-	1	1	135	255,308	2,193,565	-	30	10	5,050	10,295,475	274,718,342	-	-	-	85	141,487

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

JANUARY - DECEMBER 2019 (FINAL)

	Underground Mines						Surface Operations						MILLS AND PREP PLANTS				
	NUMBER OF INJURIES						NUMBER OF INJURIES						NUMBER OF INJURIES				
STATE AND MINERAL INDUSTRY	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS	Production	Fatal	NFDL	NDL	AVG # EMP	EMP HRS
NATION																	
METAL	-	121	43	7,173	14,865,452	-	1	322	96	15,410	32,975,310	-	-	124	62	13,595	28,568,466
NONMETAL	1	50	28	2,802	5,613,248	-	-	97	42	8,052	14,255,535	-	-	190	79	11,937	24,363,993
STONE	-	47	25	2,683	5,840,401	-	4	415	203	29,292	57,379,650	-	-	492	214	26,319	56,834,017
SAND AND GRAVEL	-	-	-	-	-	-	2	324	140	33,443	57,055,409	-	-	-	-	10	28,156
TOTAL, M/NM	1	218	96	12,658	26,319,101	-	7	1,158	481	86,197	161,665,904	-	-	806	355	51,861	109,794,632
COAL	7	1,044	475	27,620	64,585,587	267,332,204	1	171	71	19,354	40,619,468	438,677,000	2	92	45	5,621	12,227,975