

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

JANUARY - DECEMBER 2021 (FINAL)

Accident Classification	COAL									METAL								
	UNDERGROUND			SURFACE			PREPARATION PLANTS			UNDERGROUND			SURFACE			PREPARATION PLANTS		
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
Electrical	-	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Entrapment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exploding vessels under pressure	-	4	4	-	1	-	-	-	-	-	2	1	-	-	-	-	1	-
Explosives and breaking agents	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Falling, rolling, or sliding material	-	3	1	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-
Fall of face, rib, pillar, side or highwall	1	27	5	-	-	-	-	-	-	1	5	3	-	-	-	-	-	-
Fall of roof or back	1	71	27	-	-	-	-	-	-	-	6	5	-	-	-	-	-	-
Fire	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	1	-
Handling material	-	319	85	-	30	22	-	18	9	-	31	14	-	58	16	-	67	20
Handtools	-	66	39	-	5	8	-	5	4	-	10	10	-	19	11	-	15	15
Nonpowered haulage	-	3	2	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-
<u>Powered haulage</u>	4	78	13	-	9	3	-	1	1	3	13	1	-	56	5	-	7	3
HAULAGE TRUCKS	1	7	-	-	9	3	-	1	1	-	5	1	-	39	3	-	5	2
FRONT-END LOADERS	-	25	8	-	-	-	-	-	-	-	4	-	-	9	1	-	-	-
ALL OTHER Powered haulage	3	46	5	-	-	-	-	-	-	3	4	-	-	8	1	-	2	1
Hoisting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ignition or explosion of gas or dust	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Impoundment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inundation	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<u>Machinery</u>	1	107	39	1	11	8	-	2	2	-	9	9	1	34	12	-	15	8
DOZER	-	-	-	-	3	-	-	-	-	-	-	-	-	4	-	-	-	-
DRILL	-	1	-	-	-	1	-	-	-	-	4	1	1	1	1	-	1	1
ALL OTHER Machinery	1	106	39	1	8	7	-	2	2	-	5	8	-	29	11	-	14	7
Slip or fall of person	-	140	20	-	37	5	-	21	3	-	23	4	-	65	4	-	50	3
Stepping or kneeling on object	-	17	2	-	3	-	-	-	-	-	4	-	-	4	-	-	7	-
Striking or bumping	-	6	12	-	-	-	-	1	1	-	-	-	-	1	1	-	2	1
Other	-	17	2	-	3	3	-	-	-	-	1	-	-	6	5	-	5	2
Total	8	868	252	1	100	49	-	48	21	4	106	47	2	244	54	-	175	52

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

JANUARY - DECEMBER 2021 (FINAL)

Accident Classification	NONMETAL									STONE									SAND / GRAVEL			
	UNDERGROUND			SURFACE			MILLS			UNDERGROUND			SURFACE			MILLS			SURFACE			
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	
Electrical	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	2	-	
Entrapment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Exploding vessels under pressure	-	1	1	-	-	-	-	-	-	4	2	-	2	-	5	1	-	2	1	-	3	-
Explosives and breaking agents	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Falling, rolling, or sliding material	-	-	-	-	1	-	-	-	-	-	1	-	-	2	-	2	1	-	-	-	-	-
Fall of face, rib, pillar, side or highwall	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fall of roof or back	-	4	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
Fire	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	-	-	-	-	-	1	-
Handling material	-	24	12	-	24	5	-	65	20	-	20	7	-	129	58	-	174	82	2	102	52	
Handtools	-	8	8	-	4	5	-	15	10	-	5	5	-	57	45	-	51	43	-	32	35	
Nonpowered haulage	-	-	-	-	1	-	-	1	-	-	-	-	-	1	-	-	1	1	-	-	1	-
Powered haulage	-	5	4	-	13	-	-	9	2	-	7	3	3	46	7	1	30	9	4	30	10	
HAULAGE TRUCKS	-	2	-	-	4	-	-	4	1	-	2	1	2	20	3	-	4	4	4	9	3	
FRONT-END LOADERS	-	1	2	-	6	-	-	4	1	-	3	1	-	21	3	1	16	2	-	18	4	
ALL OTHER Powered haulage	-	2	2	-	3	-	-	1	-	-	2	1	1	5	1	-	10	3	-	3	3	
Hoisting	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	
Ignition or explosion of gas or dust	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Impoundment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Inundation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Machinery	-	3	5	-	8	3	-	13	6	1	2	3	-	39	22	-	61	24	3	32	21	
DOZER	-	-	-	-	-	1	-	-	-	-	-	-	-	2	1	-	1	-	-	6	-	
DRILL	-	1	1	-	-	-	-	1	1	-	-	-	-	6	2	-	5	2	-	-	1	
ALL OTHER Machinery	-	2	4	-	8	2	-	12	5	1	2	3	-	31	19	-	55	22	3	26	20	
Slip or fall of person	-	15	2	1	23	3	-	43	11	-	10	3	-	82	21	-	102	19	-	78	21	
Stepping or kneeling on object	-	1	-	-	3	-	-	7	1	-	2	-	-	6	3	-	14	1	-	5	-	
Striking or bumping	-	1	-	-	-	-	-	1	-	-	1	1	-	2	1	-	6	6	-	9	5	
Other	-	3	-	-	2	-	-	8	1	-	2	-	1	21	6	-	19	9	-	8	4	
Total	-	65	33	1	80	16	-	168	54	1	54	22	5	391	166	1	464	196	9	302	149	