

2019 STATEWIDE SUMMARY OF INJURIES

	Deep	Surface	Quarry	Tipple	TOTAL
Statewide Frequency Rate	3.22	1.28	0.32		2.79
Number of No-Lost_Time Injuries	184	35	5	18	242
Number of Lost-Time Injuries	412	47	2	27	488
Number of Fatalities	2	1	0	1	4
TOTAL Number of Injuries	598	83	7	46	734

2019 LOST-TIME INJURIES BY DEGREE OF SEVERITY

	Deep	Surface	Quarry	Tipple	TOTAL
Death:	2	1	0	1	4
Permanent Disability:	0	0	0	0	0
Days Away From Work Only:	294	24	1	16	335
Days Away/Restricted Act.:	69	14	1	8	92
Days of Restricted Act.:	4	0	0	0	4
No Death,Days Away,Restrict.:	5	0	0	0	5
Occ. Illness, None of Above:	0	0	0	0	0
Fatal/Nonfatal, Nat. Causes:	0	0	0	0	0
Fatal/Nonfatal, Nonemployees:	0	0	0	0	0
All Other Cases Incl 1st Aid:	0	0	0	0	0

2019 LOST TIME INJURIES BY ACTIVITY

	Deep	Surface	Quarry	Tipple	Total
Reaching, Lifting, Pushing, Bending, Pulling	88	5	1	6	100
Stumbling, Tripping, Falling, Slipping	98	19	0	12	129
Machinery	59	5	1	1	66
Haulage	23	8	0	4	35
Handling Materials	24	1	0	0	25
Struck by Falling or Flying Object	48	2	0	2	52
Striking an Object	9	1	0	1	11
Falls of Roof	28	0	0	0	28
Fall of Face or Rib	7	0	0	0	7
Fall of Highwall or Spoil	0	0	0	0	0
Working with Hand Tools	11	2	0	1	14
Burns and Smoke Inhalation	6	1	0	0	7
Foreign Object in Eye or other Body Part	6	2	0	0	8
Ignition or Explosion	0	0	0	0	0
Miscellaneous	5	1	0	0	6
Total Lost-Time Injuries/Fatalities	412	47	2	27	488

2019 LOST-TIME INJURIES BY TOTAL MINING EXPERIENCE

	Deep	Surface	Quarry	Tipple	TOTAL
Less than 1 year	20	10	1	2	33
1 to 3 years	46	6	0	2	54
3.1 to 5 years	31	1	0	2	34
5.1 to 10 years	132	4	0	4	140
10.1 to 15 years	90	6	0	2	98
15.1 to 20 years	37	10	1	9	57
20.1 to 25 years	16	3	0	0	19
25.1 to 30 years	19	4	0	3	26
Greater than 30 years	18	3	0	3	24

2019 LOST-TIME INJURIES BY LOCATION

UNDERGROUND		SURFACE	
Vertical Shaft	7	Independent Shops	2
Slope	6	Surface Area of UG Mine	1
Face	118	Strip or Open Pit Mines	47
Intersection	37	Tipple, Prep. Plant, Etc.	20
UG Shop or Office	0	Surface Auger Operation	3
Other UG Location	98	Culm Bank or Refuse Pile	0
		Dredge Mining	0
		Surface Shaft	0
		Office Facilities	3
		Other Surface Location	2

2019 LOST-TIME INJURIES BY OCCUPATION

	Deep	Surface	Quarry	Tipple	TOTAL
Supervisor/Technical Personnel	42	2	0	0	44
Mining Machinery Operator	20	2	0	1	23
Roof Bolter	55	0	0	0	55
Face Equipment Operator	63	0	0	0	63
Maintenance Personnel	50	12	0	6	68
General Laborer, Etc.	136	5	2	6	149
Outby Equipment Operator	25	0	0	0	25
Surface Employee	3	19	0	10	32
Tipple, Prep Plant Personnel	0	0	0	0	0
All Others	13	6	0	4	23

2019 LOST-TIME INJURIES BY UNDERGROUND MINING METHOD

Method	Injuries
Longwall	75
Shortwall	0
Conventional	2
Undefined	69
Continuous	73
Continuous With Remote	164
Extended Cut Plan	2
Retreat Mining/Pillaring	2
Continuous Haulage	1
Multiple Methods	3
Other Methods	0