

2008 West Virginia Office of Miners' Health Safety and Training

INJURY DATA

INJURIES BY TYPE OF MINING OPERATION

OPERATION TYPE	LOST TIME	NO LOST TIME	TOTAL	DAYS LOST
UNDERGROUND	720	316	1,036	18,787
SURFACE	129	53	182	1,548
QUARRY	8	6	14	44
PREPARATION FACILITIES	53	32	85	1,162
INDEPENDENT CONTRACTOR	63	35	98	832
TOTAL	973	442	1,415	22,373

LOST TIME INJURIES BY MINE SIZE

Coal Mines Only

MINE SIZE	UNDERGROUND	SURFACE	TOTAL
LESS THAN 11 EMP.	20	42	62
11 TO 20 EMPLOYEES	2	19	21
21 TO 50 EMPLOYEES	27	122	149
51 TO 150 EMPLOYEES	54	217	271
151 TO 250 EMPLOYEES	15	78	93
GREATER THAN 250 EMP.	11	242	253
TOTAL	129	720	849

CONTRACTOR LOST TIME INJURIES BY OPERATION TYPE

UNDERGROUND	85
SURFACE	63
PREPARATION FACILITY	26
QUARRY	2

These Contractor injuries are included in the tables shown above.

Note: Injury totals shown on the tables in this report reflect only those injuries reported to the WV Office of Miners' Health, Safety and Training. Reporting requirements of other agencies are substantially different. Contractor injuries are included within the mine-type classifications unless otherwise indicated.

LOST TIME INJURIES BY BODY PART INJURED

	<u>UNDERGROUND</u>	<u>SURFACE</u>	<u>TIPPLE</u>	<u>CONTRACTOR</u>	<u>TOTAL</u>
HEAD	13	5	1	2	21
EAR	4				4
EYES	13	3	1	1	18
FACE	11	3	1	1	16
JAW					0
NOSE	4				4
NECK	21	1			22
ARM/ELBOW	38	3	1	4	46
WRIST	11	2	1	2	16
HAND	43	5	5	2	55
FINGER	67	9	2	5	83
TRUNK	16			2	18
ABDOMEN	20	3	2	4	29
BACK	111	27	12	7	157
CHEST	4			2	6
HIPS	3			2	5
SHOULDER	45	9	3	1	58
LEG	42	6	1	4	53
THIGH	4	1		1	6
KNEE	85	14	3	6	108
ANKLE	47	11	4	4	66
FOOT	26	6	3	3	38
TOES	1				1
MULTIPLE PARTS	83	20	13	8	124
UNCLASSIFIED	8	1		2	11
TOTAL	720	129	53	63	965

LOST TIME INJURIES INVOLVING MACHINERY

MACHINE CLASSIFICATION	UNDERGROUND	SURFACE	TIPPLE	CONTRACTOR	TOTAL
AUGER MACHINE					0
BULLDOZER	3	12	5		20
CHUTES			1		1
COAL TRUCKS	5	37	6	10	58
CONTINUOUS MINER (HIGHWAI	52	2			54
CONVEYOR	24	2	2		28
CRANE, DERRICK	1		1		2
FRONT-END LOADER - FORKLII	4	11	1		16
GRIZZLIE					1
GUNITE MACHINE					1
HAND TOOLS (POWERED)	4	4		2	10
HAND TOOLS (UNPOWERED)	44	12	5	4	65
HOIST	2				2
LOCOMOTIVE	4				4
LONGWALL	1				1
MANCAR, MANTRIP	28	1		1	30
PUMP	7	1	2		10
RAIL CAR					0
ROCK DRILL	1			1	2
ROCK DUSTER	1			1	2
ROOF BOLTER	101			5	106
SCOOP	48				48
SHOVEL - DRAGLINE		1			1
SHUTTLE CAR	31			1	32
WELDING MACHINE	1		1		2
NOT CLASSIFIED	29	20	7	4	60

LOST TIME INJURIES BY ACTIVITY

	UNDERGROUND	SURFACE	TIPPLE	CONTRACTOR	TOTAL
REACHING, LIFTING, PUSHING, BENDING					
PULLING	124	19	9	12	164
STUMBLING, TRIPPING, FALLING, SLIPPII	167	39	18	16	240
SQUEEZED BY EQUIPMENT	37	3	2	3	45
COLLISION OF EQUIPMENT		5	1	3	9
MACHINERY	75	11	7	4	97
HANDLING MATERIALS	9	1	1	2	13
STRUCK BY FALLING OR FLYING OBJEC	93	15	4	5	117
STRIKING AN OBJECT	22	2	2	3	29
FALL OF ROOF	39	1		3	43
FALL OF FACE OR RIB	60				60
FALL OF HIGHWALL OR SPOIL	1				1
WORKING WITH HAND TOOLS	38	13	2	4	57
BURNS AND SMOKE INHALATION	5	1	2	2	10
FOREIGN OBJECT IN EYE OR				1	
OTHER PART OF BODY	13	4	1		18
ELECTRICAL SHOCK	1				1
HORSEPLAY					0
IGNITION OR EXPLOSION					0
MISCELLANEOUS	32	10	4	4	50
JARRED OR SHOOK	4	5		1	10
TOTAL	720	129	53	63	965

LOST TIME INJURIES BY OCCUPATION

	UNDERGROUND	SURFACE	TIPPLE	CONTRACTOR	TOTAL
SUPERVISORS	51	5	2	2	60
MINING MACHINERY OPERATORS	55	4		1	60
BOLTER OPERATORS	153			3	156
FACE OPERATIONS	90	2	1	1	94
MAINTENANCE	85	43	18	12	158
GENERAL LABOR	173	1	3	14	191
OUTBY EQUIPMENT OPERATORS	14				14
SURFACE EMPLOYEES	7	38	10	10	65
PREPARATION PLANT EMPLOYEES					0
ALL OTHER CLASSIFICATIONS	92	36	19	20	167
TOTAL	720	129	53	63	965

UNDERGROUND INJURIES
BY SEAM SIZE

THICKNESS OF SEAM	LOST TIME INJURIES	PERCENTAGE OF INJURIES	NUMBER OF MINES	PERCENTAGE OF MINES
LESS THAN 36 INCHES	43	5.49%	45	14.75%
37 TO 49 INCHES	227	28.99%	98	32.13%
50 TO 71 INCHES	195	24.90%	75	24.59%
72 INCHES AND GREATER	318	40.61%	87	28.52%
TOTAL	783	100	305	100

LOST TIME INJURIES by SHIFT

SHIFT	UNDERGROUND INJURIES	SURFACE INJURIES	TIPPLE INJURIES	CONTRACTOR INJURIES	TOTAL INJURIES
12 AM TO 7:59 AM	243	50	31	36	360
8 AM TO 3:59 PM	229	17	8	10	264
4 PM TO 11:59 PM	225	61	10	16	312
UNCLASSIFIED	23	1	4	1	29
TOTAL	720	129	53	63	965

REPORTED ACCIDENTS NOT INVOLVING INJURY

TYPE OF INCIDENT	NUMBER OF INCIDENTS
INUNDATION	8
GAS OR DUST IGNITION	7
MINE FIRE	21
ROOF FALL	425
ENTRAPMENT	9
OFFSITE INJURY	1
HOISTING	45
TOTAL	516

Injuries by Mining Experience 2008

Experience	Underground	Surface	Prep. Facilities	Contractors	Total
Less than 1 year	85	11	5	8	109
1 to 3 Years	140	21	8	21	190
3.1 to 5 Years	62	19	4	7	92
5.1 to 10 Years	115	14	4	3	136
10.1 to 15 Years	52	9	3	4	68
15.1 to 20 Years	39	10	4	3	56
20.1 to 25 Years	31	1	4	1	37
25.1 to 30 Years	62	6	9	1	78
Greater than 30	90	10	9	1	110
Unclassified	44	28	6	14	92

DAYS LOST AND JOB EXPERIENCE - 2008

	UNDERGROUND	SURFACE	COAL PREPARATION	CONTRACTORS	QUARRIES	TOTAL
DAYS AWAY	18,787	1,548	1,162	832	44	22,373
AVG. DAYS LOST PER INJURY	18	9	14	8	3	16.0
AVG. AGE OF INJURED	37	35	42	34	42	37.0
AVG. YEARS AT JOB	5	6	8	8	6	6.0
AVG. YEARS AT MINE	4	2	5	1	4	3.0
AVG. TOTAL MNING EXP.	12	9	15	5	7	11.0

INJURIES BY SEVERITY

	UNDERGROUND	SURFACE	COAL PREPERATION	CONTRACTORS	TOTAL
DEATH	4	1	1	3	9
DAYS AWAY FROM WORK ONLY	318	55	16	33	422
DAYS AWAY/RESTRICTED ACTIV.	388	74	37	25	524
DAYS OF RESTRICTED ACTIV.	9			2	11
NO DEATH, DAYS AWAY, OR RESTRIC. ACT.	5			3	8

Injuries by Mining Method

<u>Method</u>	<u>Number of Injuries</u>
Longwall	57
Continuous	157
Continuous w/remote	283
Extended Cut	5
Open Pit	1
Auger	2
Contour	14
Mountain Top Mining	63
Highwall Mining	8
Contour and Auger	39
Not Classified	218