

**2007 West Virginia Office of Miners' Health Safety and Training**

**INJURY DATA**

**INJURIES BY TYPE OF MINING OPERATION**

<u>OPERATION TYPE</u>	<u>LOST TIME</u>	<u>NO LOST TIME</u>	<u>TOTAL</u>	<u>DAYS LOST</u>
UNDERGROUND	633	263	896	17,552
SURFACE	77	39	116	1,257
QUARRY	15	8	23	95
PREPARATION FACILITIES	41	33	74	792
INDEPENDENT CONTRACTOR	173	76	249	2,680
<b>TOTAL</b>	<b>939</b>	<b>419</b>	<b>1,358</b>	<b>22,376</b>

**LOST TIME INJURIES BY MINE SIZE**

**Coal Mines Only**

<u>MINE SIZE</u>	<u>UNDERGROUND</u>	<u>SURFACE</u>	<u>TOTAL</u>
LESS THAN 11 EMP.	42	14	56
11 TO 20 EMPLOYEES	8	2	10
21 TO 50 EMPLOYEES	122	17	139
51 TO 150 EMPLOYEES	217	25	242
151 TO 250 EMPLOYEES	103	1	104
GREATER THAN 250 EMP.	141	18	159
<b>TOTAL</b>	<b>633</b>	<b>77</b>	<b>710</b>

**CONTRACTOR LOST TIME INJURIES BY OPERATION TYPE**

UNDERGROUND	83
SURFACE	68
PREPARATION FACILITY	19
QUARRY	0

These Contractor injuries are included in the tables shown above.
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<b>Note:</b> 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.
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### Injuries by Mining Experience 2007

<b>Experience</b>	<b>Underground</b>	<b>Surface</b>	<b>Prep. Facilities</b>	<b>Contractors</b>	<b>Total</b>
<b>Less than 1 year</b>	255	22	18	87	382
<b>1 to 3 Years</b>	224	21	5	26	276
<b>3.1 to 5 Years</b>	43	12	8	3	66
<b>5.1 to 10 Years</b>	71	8	3	7	89
<b>10.1 to 15 Years</b>	12	3	2	2	19
<b>15.1 to 20 Years</b>	6	2	2	0	10
<b>20.1 to 25 Years</b>	2	0	0	0	2
<b>25.1 to 30 Years</b>	7	0	1	0	8
<b>Greater than 30</b>	13	0	1	1	15
<b>Unclassified</b>	0	7	1	47	55

## Injuries by Mining Method

<u>Method</u>	<u>Number of Injuries</u>
Longwall	61
Continuous	123
Continuous Haulage	2
Continuous w/remote	245
Extended Cut	3
Retreat Mining	2
Auger	3
Contour	12
Mountain Top Mining	35
Highwall Mining	7
Contour and Auger	16
Not Classified	200

## LOST TIME INJURIES INVOLVING MACHINERY

<b>MACHINE CLASSIFICATION</b>	<b>UNDERGROUND</b>	<b>SURFACE</b>	<b>TIPPLE</b>	<b>CONTRACTOR</b>	<b>TOTAL</b>
AUGER MACHINE	1	3		1	5
BULLDOZER		12	6	6	24
CHUTES					0
COAL TRUCKS	4	26	2	37	69
CONTINUOUS MINER (HIGHWAI	39			2	41
CONVEYOR	18		2	2	22
CRANE, DERRICK					0
FRONT-END LOADER - FORKLII	6	10	2	3	21
GRIZZLIE					1
GUNITE MACHINE					1
HAND TOOLS (POWERED)	3		1	2	6
HAND TOOLS (UNPOWERED)	33	2	1	8	44
HOIST	4			3	7
LOCOMOTIVE	4				4
LONGWALL	4				4
MANCAR, MANTRIP	30			3	33
PUMP	1			1	2
RAIL CAR					0
ROCK DRILL					0
ROCK DUSTER	3				3
ROOF BOLTER	108			6	114
SCOOP	33			4	37
SHOVEL - DRAGLINE					0
SHUTTLE CAR	19				19
WELDING MACHINE	1				1
NOT CLASSIFIED	27	11	2	14	54

**DAYS LOST AND JOB EXPERIENCE - 2007**

	<b>UNDERGROUND</b>	<b>SURFACE</b>	<b>COAL PREPARATION</b>	<b>CONTRACTORS</b>	<b>QUARRIES</b>	<b>TOTAL</b>
<b>DAYS AWAY</b>	17,664	1,251	951	2,756	26	22,648
<b>AVG. DAYS LOST PER INJURY</b>	28.2	16.5	22.6	15.1	2.2	24.1
<b>AVG. AGE OF INJURED</b>	39	40	43	32	43	37.8
<b>AVG. YEARS AT JOB</b>	6.5	9.2	7.3	4.7	2.5	6.4
<b>AVG. YEARS AT MINE</b>	3.3	3.1	6.1	1.2	5	3.0
<b>AVG. TOTAL MNING EXP.</b>	13.4	13.4	13.4	4.7	7	11.6

**INJURIES BY SEVERITY**

	<b>UNDERGROUND</b>	<b>SURFACE</b>	<b>COAL PREPERATION</b>	<b>CONTRACTORS</b>	<b>TOTAL</b>
<b>DEATH</b>	7		1	1	9
<b>DAYS AWAY FROM WORK ONLY</b>	409	35	23	81	548
<b>DAYS AWAY/RESTRICTED ACTIV.</b>	188	41	16	81	326
<b>DAYS OF RESTRICTED ACTIV.</b>	25		1	8	34
<b>NO DEATH, DAYS AWAY, OR RESTRIC. ACT.</b>	9			2	11

## LOST TIME INJURIES BY BODY PART INJURED

	<u>UNDERGROUND</u>	<u>SURFACE</u>	<u>TIPPLE</u>	<u>CONTRACTOR</u>	<u>TOTAL</u>
HEAD	10	2	1	8	21
EAR	3				3
EYES	7	2		3	12
FACE	5				5
JAW	5	1			6
NOSE	2				2
NECK	22	1		4	27
ARM/ELBOW	33	7	3	8	51
WRIST	14		2	2	18
HAND	43	2		4	49
FINGER	50	4	4	10	68
TRUNK	11	1		3	15
ABDOMEN	14	2	1	8	25
BACK	93	24	5	25	147
CHEST	5		3	4	12
HIPS	1		1	1	3
SHOULDER	39	4	4	14	61
LEG	38	4	1	10	53
THIGH	3	1			4
KNEE	64	3	2	14	83
ANKLE	34	4	5	18	61
FOOT	30	4		2	36
TOES	3				3
MULTIPLE PARTS	98	9	7	34	148
UNCLASSIFIED	6	2	2	1	11
<b>TOTAL</b>	<b>633</b>	<b>77</b>	<b>41</b>	<b>173</b>	<b>924</b>

## LOST TIME INJURIES BY ACTIVITY

	UNDERGROUND	SURFACE	TIPPLE	CONTRACTOR	TOTAL
REACHING, LIFTING, PUSHING, BENDING					
PULLING	124	4	8	34	170
STUMBLING, TRIPPING, FALLING, SLIPPII	121	32	22	53	228
SQUEEZED BY EQUIPMENT	34	5	1	3	43
COLLISION OF EQUIPMENT	4		1	1	6
MACHINERY	49	7	2	27	85
HANDLING MATERIALS	14	1	1	7	23
STRUCK BY FALLING OR FLYING OBJEC	56	6	3	12	77
STRIKING AN OBJECT	31	2	2	5	40
FALL OF ROOF	16			2	18
FALL OF FACE OR RIB	123			6	129
FALL OF HIGHWALL OR SPOIL					0
WORKING WITH HAND TOOLS	22	1		3	26
BURNS AND SMOKE INHALATION	5	2		1	8
FOREIGN OBJECT IN EYE OR					
OTHER PART OF BODY	6	1	1	7	15
ELECTRICAL SHOCK	5			1	6
HORSEPLAY					0
IGNITION OR EXPLOSION				1	1
MISCELLANEOUS	14	3		8	25
JARRED OR SHOOK	9	13		2	24
<b>TOTAL</b>	<b>633</b>	<b>77</b>	<b>41</b>	<b>173</b>	<b>924</b>

## LOST TIME INJURIES BY OCCUPATION

	UNDERGROUND	SURFACE	TIPPLE	CONTRACTOR	TOTAL
SUPERVISORS	57	2	2	10	71
MINING MACHINERY OPERATORS	39			1	40
BOLTER OPERATORS	137			7	144
FACE OPERATIONS	74	4		5	83
MAINTENANCE	82	19	8	29	138
GENERAL LABOR	129	3	5	38	175
OUTBY EQUIPMENT OPERATORS	11				11
SURFACE EMPLOYEES	3	28	8	28	67
PREPARATION PLANT EMPLOYEES	96				96
ALL OTHER CLASSIFICATIONS	5	21	18	55	99
<b>TOTAL</b>	<b>633</b>	<b>77</b>	<b>41</b>	<b>173</b>	<b>924</b>

**UNDERGROUND INJURIES**  
**BY SEAM SIZE**

<b>THICKNESS OF SEAM</b>	<b>LOST TIME INJURIES</b>	<b>PERCENTAGE OF INJURIES</b>	<b>NUMBER OF MINES</b>	<b>PERCENTAGE OF MINES</b>
LESS THAN 36 INCHES	46	7.29%	29	9.42%
37 TO 49 INCHES	139	22.03%	130	42.21%
50 TO 71 INCHES	171	27.10%	75	24.35%
72 INCHES AND GREATER	275	43.58%	74	24.03%
<b>TOTAL</b>	<b>631</b>	<b>100</b>	<b>308</b>	<b>100</b>

**LOST TIME INJURIES by SHIFT**

<b>SHIFT</b>	<b>UNDERGROUND INJURIES</b>	<b>SURFACE INJURIES</b>	<b>TIPPLE INJURIES</b>	<b>CONTRACTOR INJURIES</b>	<b>TOTAL INJURIES</b>
12 AM TO 7:59 AM	213	43	21	98	375
8 AM TO 3:59 PM	188	5	6	40	239
4 PM TO 11:59 PM	227	29	13	35	304
UNCLASSIFIED	4	1	1	0	6
<b>TOTAL</b>	<b>632</b>	<b>78</b>	<b>41</b>	<b>173</b>	<b>924</b>

**REPORTED ACCIDENTS NOT INVOLVING INJURY**

<b><u>TYPE OF INCIDENT</u></b>	<b><u>NUMBER OF INCIDENTS</u></b>
INUNDATION	1
GAS OR DUST IGNITION	8
MINE FIRE	12
ROOF FALL	417
ENTRAPMENT	13
OUTBURST	1
EXPLOSIVES	0
HOISTING	42
<b>TOTAL</b>	<b>494</b>

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