

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Alabama

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	58	3,504
	Total:	58	3,504
<b>Metals</b>	Aluminum Ore	1	7
	Metal Ores, NEC	1	6
	Total:	2	13
<b>Non-metals*</b>	Clay (Common)	9	192
	Clay (Fire)	3	65
	Clay, Ceramic & Refractory, NEC	1	9
	Pigment Mineral	1	9
	Shale (Common)	4	12
	Total:	18	287
<b>Sand &amp; Gravel</b>	Sand & Gravel	86	604
	Total:	86	604
<b>Stone</b>	Cement	5	658
	Granite (Crushed & Broken)	1	15
	Lime	5	229
	Limestone (Crushed & Broken)	48	1,106
	Limestone (Dimension)	1	14
	Marble (Crushed & Broken)	3	453
	Marble (Dimension)	1	8
	Sandstone (Crushed & Broken)	10	108
	Sandstone (Dimension)	4	24
	Slate (Crushed & Broken)	5	29
	Total:	83	2,644
<b>Operators State Total:</b>		247	7,052
<b><u>Contractors **</u></b>			
<b>Coal</b>			916
<b>Metal and Nonmetal</b>			1,528
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	4,420
<b>Metal and Nonmetal</b>		-	5,076
	Total:	-	9,496

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

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### Alaska

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	1	99
	Total:	1	99
<b>Metals</b>	Gold (Lode and Placer)	20	496
	Lead and/or Zinc Ore	1	212
	Platinum Group	1	9
	Silver Ores	1	267
	Total:	23	984
<b>Sand &amp; Gravel</b>	Sand & Gravel	63	316
	Total:	63	316
<b>Stone</b>	Limestone (Dimension)	1	3
	Sandstone (Crushed & Broken)	2	7
	Stone, Crushed & Broken, NEC	18	89
	Stone, Dimension NEC	1	6
	Traprock (Crushed & Broken)	5	29
	Total:	27	134
<b>Operators State Total:</b>		114	1,533
<b><u>Contractors **</u></b>			
<b>Coal</b>			0
<b>Metal and Nonmetal</b>			198
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	99
<b>Metal and Nonmetal</b>		-	1,632
	<b>Total:</b>	-	1,731

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### Arizona

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	3	682
	Total:	3	682
<b>Metals</b>	Copper Ore	20	4,792
	Gold (Lode and Placer)	8	29
	Silver Ores	1	1
	Total:	29	4,822
<b>Non-metals*</b>	Brucite	1	2
	Chemical and Fertilizer, NEC	1	25
	Clay (Common)	5	32
	Gemstones	4	27
	Gypsum	6	45
	Lithium	1	3
	Mica	5	32
	Nonmetallic Minerals, NEC	1	7
	Perlite	1	10
	Pumice	11	55
	Sulfur	1	9
	Total:	37	247
<b>Sand &amp; Gravel</b>	Sand & Gravel	260	2,576
	Total:	260	2,576
<b>Stone</b>	Cement	1	134
	Granite (Crushed & Broken)	13	117
	Granite (Dimension)	1	6
	Lime	2	73
	Limestone (Crushed & Broken)	3	172
	Marble (Crushed & Broken)	3	55
	Sandstone (Crushed & Broken)	2	15
	Sandstone (Dimension)	27	278
	Slate (Dimension)	2	13
	Stone, Crushed & Broken, NEC	19	110
	Stone, Dimension NEC	17	147
	Traprock (Crushed & Broken)	1	3
	Total:	91	1,123
<b>Operators State Total:</b>		420	9,450
<b><u>Contractors **</u></b>			
<b>Coal</b>			82
<b>Metal and Nonmetal</b>			1,708
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	764
<b>Metal and Nonmetal</b>		-	10,476
	Total:	-	11,240

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

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### Arkansas

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	4	34
	Total:	4	34
<b>Metals</b>	Alumina (Mill)	2	331
	Aluminum Ore	5	144
	Vanadium	1	76
	Total:	8	551
<b>Non-metals*</b>	Clay (Common)	3	57
	Clay (Fire)	2	22
	Gemstones	10	23
	Gypsum	1	60
	Shale (Common)	1	1
	Total:	17	163
<b>Sand &amp; Gravel</b>	Sand & Gravel	60	476
	Total:	60	476
<b>Stone</b>	Cement	1	168
	Granite (Crushed & Broken)	5	363
	Limestone (Crushed & Broken)	31	573
	Limestone (Dimension)	1	7
	Sandstone (Crushed & Broken)	18	329
	Sandstone (Dimension)	4	34
	Slate (Crushed & Broken)	2	33
	Stone, Crushed & Broken, NEC	15	134
	Stone, Dimension NEC	8	39
	Traprock (Crushed & Broken)	1	36
	Total:	86	1,716
<b>Operators State Total:</b>		175	2,940
<b><u>Contractors **</u></b>			
<b>Coal</b>			13
<b>Metal and Nonmetal</b>			523
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	47
<b>Metal and Nonmetal</b>		-	3,429
	Total:	-	3,476

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### California

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Gold (Lode and Placer)	15	357
	Iron Ore	2	11
	Metal Ores, NEC	1	45
	Rare Earths	1	90
	Total:	19	503
<b>Non-metals*</b>	Asbestos	2	17
	Barite	1	2
	Boron Minerals	2	802
	Clay (Common)	8	198
	Clay (Fire)	1	6
	Clay, Ceramic & Refractory, NEC	4	60
	Feldspar	1	10
	Gemstones	1	2
	Gypsum	5	72
	Nonmetallic Minerals, NEC	4	431
	Perlite	1	3
	Pumice	9	74
	Shale (Common)	1	3
	Talc, Soapstone & Pyrophyllite	1	18
	Trona	1	6
Total:	42	1,704	
<b>Sand &amp; Gravel</b>	Sand & Gravel	384	4,475
	Total:	384	4,475
<b>Stone</b>	Cement	9	1,527
	Granite (Crushed & Broken)	11	197
	Granite (Dimension)	2	21
	Lime	2	81
	Limestone (Crushed & Broken)	15	659
	Limestone (Dimension)	1	63
	Marble (Crushed & Broken)	1	5
	Sandstone (Crushed & Broken)	4	83
	Sandstone (Dimension)	1	7
	Slate (Crushed & Broken)	4	28
	Slate (Dimension)	2	54
	Stone, Crushed & Broken, NEC	76	1,065
Stone, Dimension NEC	8	111	
Traprock (Crushed & Broken)	3	12	
Total:	139	3,913	
<b>Operators State Total:</b>		584	10,595
<b><u>Contractors **</u></b>			
<b>Coal</b>			231
<b>Metal and Nonmetal</b>			2,680
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	231
<b>Metal and Nonmetal</b>		-	13,275
<b>Total:</b>		-	13,506

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### Colorado

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	15	2,073
	Total:	15	2,073
<b>Metals</b>	Gold (Lode and Placer)	1	315
	Lead and/or Zinc Ore	1	3
	Molybdenum	2	375
	Uranium	1	93
	Uranium - Vanadium Ores	1	9
	Total:	6	795
<b>Non-metals*</b>	Clay (Common)	1	4
	Clay (Fire)	2	12
	Gemstones	2	13
	Gypsum	1	14
	Perlite	1	5
	Shale (Common)	2	45
	Total:	9	93
<b>Sand &amp; Gravel</b>	Sand & Gravel	281	1,510
	Total:	281	1,510
<b>Stone</b>	Cement	3	354
	Granite (Crushed & Broken)	1	44
	Limestone (Crushed & Broken)	3	40
	Limestone (Dimension)	1	38
	Marble (Dimension)	1	11
	Sandstone (Crushed & Broken)	2	51
	Sandstone (Dimension)	18	220
	Stone, Crushed & Broken, NEC	20	197
	Stone, Dimension NEC	5	25
	Total:	54	980
<b>Operators State Total:</b>		365	5,451
<b><u>Contractors **</u></b>			
<b>Coal</b>			1,134
<b>Metal and Nonmetal</b>			1,653
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	3,207
<b>Metal and Nonmetal</b>		-	5,031
	Total:	-	8,238

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### Connecticut

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Non-metals*</b>	Clay (Fire)	1	3
	Total:	1	3
<b>Sand &amp; Gravel</b>	Sand & Gravel	78	366
	Total:	78	366
<b>Stone</b>	Granite (Crushed & Broken)	4	58
	Granite (Dimension)	1	5
	Limestone (Crushed & Broken)	9	144
	Stone, Crushed & Broken, NEC	5	45
	Stone, Dimension NEC	3	26
	Traprock (Crushed & Broken)	10	298
	Total:	32	576
<b>Operators State Total:</b>		111	945
<b><u>Contractors **</u></b>			
<b>Coal</b>			0
<b>Metal and Nonmetal</b>			47
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	0
<b>Metal and Nonmetal</b>		-	992
	<b>Total:</b>	-	992

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### Delaware

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Manganese	1	65
		Total:	65
<b>Sand &amp; Gravel</b>	Sand & Gravel	8	65
		Total:	65
<b>Operators State Total:</b>		9	130
<b><u>Contractors **</u></b>			
<b>Coal</b>			0
<b>Metal and Nonmetal</b>			3
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	0
<b>Metal and Nonmetal</b>		-	133
		Total:	133

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### Florida

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Titanium	2	343
	Total:	2	343
<b>Non-metals*</b>	Clay (Common)	4	222
	Phosphate Rock	17	2,076
	Total:	21	2,298
<b>Sand &amp; Gravel</b>	Sand & Gravel	72	608
	Total:	72	608
<b>Stone</b>	Cement	8	799
	Lime	3	32
	Limestone (Crushed & Broken)	112	2,561
	Limestone (Dimension)	1	11
	Sandstone (Crushed & Broken)	4	17
	Stone, Crushed & Broken, NEC	2	78
	Stone, Dimension NEC	1	17
	Total:	131	3,515
<b>Operators State Total:</b>		226	6,764
<b><u>Contractors **</u></b>			
<b>Coal</b>			106
<b>Metal and Nonmetal</b>			2,440
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	106
<b>Metal and Nonmetal</b>		-	9,204
	<b>Total:</b>	-	9,310

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### Georgia

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Non-metals*</b>	Barite	2	82
	Clay (Common)	43	3,628
	Clay (Fire)	3	71
	Clay, Ceramic & Refractory, NEC	1	82
	Feldspar	2	33
	Mica	1	63
	Shale (Common)	3	99
	Total:	55	4,058
<b>Sand &amp; Gravel</b>	Sand & Gravel	41	317
	Total:	41	317
<b>Stone</b>	Cement	2	239
	Granite (Crushed & Broken)	55	1,533
	Granite (Dimension)	37	293
	Limestone (Crushed & Broken)	19	336
	Marble (Crushed & Broken)	7	314
	Marble (Dimension)	2	29
	Sandstone (Crushed & Broken)	2	38
	Sandstone (Dimension)	1	1
	Slate (Crushed & Broken)	1	5
	Slate (Dimension)	1	3
	Stone, Crushed & Broken, NEC	5	91
	Stone, Dimension NEC	9	53
Total:	141	2,935	
<b>Operators State Total:</b>		237	7,310
<b><u>Contractors **</u></b>			
<b>Coal</b>			25
<b>Metal and Nonmetal</b>			2,788
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	25
<b>Metal and Nonmetal</b>		-	10,098
<b>Total:</b>		-	10,123

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### Hawaii

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Non-metals*</b>	Nonmetallic Minerals, NEC	1	1
	Total:	1	1
<b>Sand &amp; Gravel</b>	Sand & Gravel	9	45
	Total:	9	45
<b>Stone</b>	Limestone (Crushed & Broken)	4	24
	Limestone (Dimension)	1	1
	Stone, Crushed & Broken, NEC	22	228
	Traprock (Crushed & Broken)	4	96
	Total:	31	349
<b>Operators State Total:</b>		41	395
<b><u>Contractors **</u></b>			
<b>Coal</b>			0
<b>Metal and Nonmetal</b>			22
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	0
<b>Metal and Nonmetal</b>		-	417
	<b>Total:</b>	-	417

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### Idaho

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Gold (Lode and Placer)	1	15
	Lead and/or Zinc Ore	1	9
	Metal Ores, NEC	1	105
	Molybdenum	1	102
	Silver Ores	3	314
	Total:	7	545
<b>Non-metals*</b>	Clay (Common)	1	6
	Clay, Ceramic & Refractory, NEC	1	1
	Gemstones	2	46
	Nonmetallic Minerals, NEC	1	1
	Perlite	1	2
	Phosphate Rock	5	316
	Pumice	4	56
Total:	15	428	
<b>Sand &amp; Gravel</b>	Sand & Gravel	140	670
	Total:	140	670
<b>Stone</b>	Cement	1	70
	Lime	2	12
	Limestone (Crushed & Broken)	3	24
	Limestone (Dimension)	1	4
	Sandstone (Crushed & Broken)	1	13
	Sandstone (Dimension)	2	3
	Slate (Dimension)	2	80
	Stone, Crushed & Broken, NEC	23	173
	Stone, Dimension NEC	6	59
	Traprock (Crushed & Broken)	2	15
Total:	43	453	
<b>Operators State Total:</b>		205	2,096
<b><u>Contractors **</u></b>			
<b>Coal</b>			77
<b>Metal and Nonmetal</b>			366
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	77
<b>Metal and Nonmetal</b>		-	2,462
<b>Total:</b>		-	2,539

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### Illinois

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	43	3,775
	Total:	43	3,775
<b>Metals</b>	Manganese	1	26
	Total:	1	26
<b>Non-metals*</b>	Clay (Common)	2	71
	Clay (Fire)	1	2
	Fluorspar	1	10
	Nonmetallic Minerals, NEC	3	62
	Oil Shale	1	4
	Shale (Common)	1	3
	Total:	9	152
<b>Sand &amp; Gravel</b>	Sand & Gravel	150	1,096
	Total:	150	1,096
<b>Stone</b>	Cement	3	429
	Lime	4	127
	Limestone (Crushed & Broken)	139	2,360
	Limestone (Dimension)	1	6
	Sandstone (Crushed & Broken)	6	287
	Stone, Crushed & Broken, NEC	1	18
	Total:	154	3,227
<b>Operators State Total:</b>		357	8,276
<b><u>Contractors **</u></b>			
<b>Coal</b>			1,025
<b>Metal and Nonmetal</b>			770
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	4,800
<b>Metal and Nonmetal</b>		-	5,271
	Total:	-	10,071

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### Indiana

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	53	2,807
	Total:	53	2,807
<b>Non-metals*</b>	Clay (Common)	1	7
	Gypsum	2	78
	Nonmetallic Minerals, NEC	1	5
	Shale (Common)	2	40
	Total:	6	130
<b>Sand &amp; Gravel</b>	Sand & Gravel	170	982
	Total:	170	982
<b>Stone</b>	Lime	2	67
	Limestone (Crushed & Broken)	96	2,256
	Limestone (Dimension)	10	158
	Sandstone (Dimension)	1	2
	Total:	109	2,483
<b>Operators State Total:</b>		338	6,402
<b><u>Contractors **</u></b>			
<b>Coal</b>			918
<b>Metal and Nonmetal</b>			881
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	3,725
<b>Metal and Nonmetal</b>		-	4,476
	<b>Total:</b>	-	8,201

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### Iowa

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Non-metals*</b>	Clay (Common)	2	14
	Clay, Ceramic & Refractory, NEC	1	5
	Gypsum	6	150
	Total:	9	169
<b>Sand &amp; Gravel</b>	Sand & Gravel	131	627
	Total:	131	627
<b>Stone</b>	Cement	3	424
	Lime	2	66
	Limestone (Crushed & Broken)	125	1,384
	Limestone (Dimension)	4	63
	Total:	134	1,937
<b>Operators State Total:</b>		274	2,733
<b><u>Contractors **</u></b>			
<b>Coal</b>			5
<b>Metal and Nonmetal</b>			680
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	5
<b>Metal and Nonmetal</b>		-	3,413
	<b>Total:</b>	-	3,418

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### Kansas

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	2	15
	Total:	2	15
<b>Non-metals*</b>	Clay (Common)	2	31
	Clay (Fire)	3	13
	Gypsum	2	45
	Perlite	1	6
	Potash, Soda & Borate Min'ls NEC	1	7
	Salt (Rock)	3	131
	Total:	12	233
<b>Sand &amp; Gravel</b>	Sand & Gravel	83	383
	Total:	83	383
<b>Stone</b>	Cement	4	493
	Lime	1	5
	Limestone (Crushed & Broken)	70	807
	Limestone (Dimension)	5	18
	Stone, Crushed & Broken, NEC	6	68
	Stone, Dimension NEC	2	9
	Total:	88	1,400
<b>Operators State Total:</b>		185	2,031
<b><u>Contractors **</u></b>			
<b>Coal</b>			26
<b>Metal and Nonmetal</b>			520
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	41
<b>Metal and Nonmetal</b>		-	2,536
	Total:	-	2,577

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Kentucky

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	593	17,750
	Total:	593	17,750
<b>Non-metals*</b>	Clay (Common)	4	26
	Clay, Ceramic & Refractory, NEC	5	86
	Shale (Common)	4	48
	Total:	13	160
<b>Sand &amp; Gravel</b>	Sand & Gravel	29	255
	Total:	29	255
<b>Stone</b>	Cement	2	155
	Lime	2	97
	Limestone (Crushed & Broken)	95	2,255
	Limestone (Dimension)	1	120
	Sandstone (Crushed & Broken)	2	9
	Stone, Crushed & Broken, NEC	4	77
	Total:	106	2,713
<b>Operators State Total:</b>		741	20,878
<b><u>Contractors **</u></b>			
<b>Coal</b>			4,638
<b>Metal and Nonmetal</b>			521
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	22,388
<b>Metal and Nonmetal</b>		-	3,649
	<b>Total:</b>	-	26,037

*Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)*

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Louisiana

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	2	205
	Total:	2	205
<b>Metals</b>	Alumina (Mill)	2	560
	Total:	2	560
<b>Non-metals*</b>	Barite	8	115
	Clay (Common)	2	8
	Clay (Fire)	6	159
	Clay, Ceramic & Refractory, NEC	1	7
	Nonmetallic Minerals, NEC	2	50
	Salt (Rock)	3	517
	Total:	22	856
<b>Sand &amp; Gravel</b>	Sand & Gravel	120	744
	Total:	120	744
<b>Stone</b>	Lime	1	15
	Sandstone (Crushed & Broken)	6	24
	Stone, Crushed & Broken, NEC	1	9
	Total:	8	48
<b>Operators State Total:</b>		154	2,413
<b><u>Contractors **</u></b>			
<b>Coal</b>			79
<b>Metal and Nonmetal</b>			462
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	284
<b>Metal and Nonmetal</b>		-	2,670
	Total:	-	2,954

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Maine

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Sand &amp; Gravel</b>	Sand & Gravel	162	661
	Total:	162	661
<b>Stone</b>	Granite (Crushed & Broken)	2	22
	Granite (Dimension)	2	9
	Limestone (Crushed & Broken)	4	119
	Stone, Crushed & Broken, NEC	7	42
	Stone, Dimension NEC	4	16
	Traprock (Crushed & Broken)	5	43
	Traprock (Dimension)	1	22
	Total:	25	273
<b>Operators State Total:</b>		187	934
<b><u>Contractors **</u></b>			
<b>Coal</b>			0
<b>Metal and Nonmetal</b>			120
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	0
<b>Metal and Nonmetal</b>		-	1,054
	<b>Total:</b>	-	1,054

*Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)*

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Maryland

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
Coal	Coal, Bituminous	20	473
		Total:	473
Non-metals*	Shale (Common)	1	1
		Total:	1
Sand & Gravel	Sand & Gravel	29	418
		Total:	418
Stone	Cement	4	431
	Granite (Crushed & Broken)	3	145
	Granite (Dimension)	1	2
	Limestone (Crushed & Broken)	17	376
	Sandstone (Crushed & Broken)	2	7
	Sandstone (Dimension)	6	51
	Stone, Crushed & Broken, NEC	2	24
	Stone, Dimension NEC	4	41
	Traprock (Crushed & Broken)	1	76
	Traprock (Dimension)	1	28
		Total:	1,181
<b>Operators State Total:</b>		91	2,073
<b><u>Contractors **</u></b>			
Coal			496
Metal and Nonmetal			347
<b><u>Operator &amp; Contractor Totals</u></b>			
Coal		-	969
Metal and Nonmetal		-	1,947
		Total:	2,916

*Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)*

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Massachusetts

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Non-metals*</b>	Clay (Common)	1	3
	Shale (Common)	1	15
	Total:	2	18
<b>Sand &amp; Gravel</b>	Sand & Gravel	120	686
	Total:	120	686
<b>Stone</b>	Granite (Crushed & Broken)	7	64
	Granite (Dimension)	1	26
	Limestone (Crushed & Broken)	4	218
	Slate (Dimension)	1	4
	Stone, Crushed & Broken, NEC	10	82
	Stone, Dimension NEC	7	88
	Traprock (Crushed & Broken)	18	288
	Total:	48	770
<b>Operators State Total:</b>		170	1,474
<b><u>Contractors **</u></b>			
<b>Coal</b>			9
<b>Metal and Nonmetal</b>			138
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	9
<b>Metal and Nonmetal</b>		-	1,612
	<b>Total:</b>	-	1,621

*Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)*

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Michigan

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Copper Ore	1	3
	Iron Ore	2	1,317
	Total:	3	1,320
<b>Non-metals*</b>	Gypsum	3	81
	Salt (Rock)	1	40
	Shale (Common)	2	14
	Total:	6	135
<b>Sand &amp; Gravel</b>	Sand & Gravel	438	1,981
	Total:	438	1,981
<b>Stone</b>	Cement	4	575
	Lime	2	80
	Limestone (Crushed & Broken)	25	893
	Sandstone (Crushed & Broken)	1	14
	Sandstone (Dimension)	1	7
	Stone, Crushed & Broken, NEC	1	4
	Stone, Dimension NEC	1	5
	Total:	35	1,578
<b>Operators State Total:</b>		482	5,014
<b><u>Contractors **</u></b>			
<b>Coal</b>			23
<b>Metal and Nonmetal</b>			623
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	23
<b>Metal and Nonmetal</b>		-	5,637
	<b>Total:</b>	-	5,660

*Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)*

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Minnesota

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Iron Ore	11	3,985
	Total:	11	3,985
<b>Non-metals*</b>	Chemical and Fertilizer, NEC	1	28
	Clay (Common)	1	14
	Nonmetallic Minerals, NEC	1	3
	Total:	3	45
<b>Sand &amp; Gravel</b>	Sand & Gravel	381	1,517
	Total:	381	1,517
<b>Stone</b>	Granite (Crushed & Broken)	6	78
	Granite (Dimension)	11	91
	Limestone (Crushed & Broken)	35	311
	Limestone (Dimension)	3	80
	Sandstone (Crushed & Broken)	1	15
	Stone, Crushed & Broken, NEC	2	17
	Stone, Dimension NEC	1	8
	Total:	59	600
<b>Operators State Total:</b>		454	6,147
<b><u>Contractors **</u></b>			
<b>Coal</b>			92
<b>Metal and Nonmetal</b>			1,640
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	92
<b>Metal and Nonmetal</b>		-	7,787
	<b>Total:</b>	-	7,879

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Mississippi

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	1	135
	Total:	1	135
<b>Non-metals*</b>	Clay (Common)	11	326
	Clay (Fire)	2	3
	Clay, Ceramic & Refractory, NEC	1	136
	Total:	14	465
<b>Sand &amp; Gravel</b>	Sand & Gravel	91	697
	Total:	91	697
<b>Stone</b>	Lime	3	15
	Limestone (Crushed & Broken)	1	108
	Total:	4	123
<b>Operators State Total:</b>		110	1,420
<b><u>Contractors **</u></b>			
<b>Coal</b>			11
<b>Metal and Nonmetal</b>			380
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	146
<b>Metal and Nonmetal</b>		-	1,665
	<b>Total:</b>	-	1,811

*Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)*

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Missouri

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	2	13
	Total:	2	13
<b>Metals</b>	Lead and/or Zinc Ore	8	575
	Total:	8	575
<b>Non-metals*</b>	Aplite	1	5
	Barite	1	11
	Clay (Common)	8	194
	Clay (Fire)	2	5
	Clay, Ceramic & Refractory, NEC	4	46
	Nonmetallic Minerals, NEC	1	13
	Total:	17	274
<b>Sand &amp; Gravel</b>	Sand & Gravel	104	572
	Total:	104	572
<b>Stone</b>	Cement	5	841
	Granite (Crushed & Broken)	3	175
	Lime	4	741
	Limestone (Crushed & Broken)	220	2,829
	Limestone (Dimension)	7	64
	Marble (Crushed & Broken)	1	6
	Sandstone (Crushed & Broken)	3	75
	Sandstone (Dimension)	1	1
	Stone, Crushed & Broken, NEC	3	20
	Stone, Dimension NEC	2	19
	Traprock (Crushed & Broken)	1	5
	Total:	250	4,776
<b>Operators State Total:</b>		381	6,210
<b><u>Contractors **</u></b>			
<b>Coal</b>			342
<b>Metal and Nonmetal</b>			1,356
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	355
<b>Metal and Nonmetal</b>		-	7,553
	Total:	-	7,908

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Montana

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	7	825
	Total:	7	825
<b>Metals</b>	Copper Ore	2	13
	Gold (Lode and Placer)	7	356
	Iron Ore	1	2
	Metal Ores, NEC	1	44
	Platinum Group	2	1,450
	Total:	13	1,865
<b>Non-metals*</b>	Gemstones	3	25
	Mica	1	6
	Shale (Common)	1	2
	Talc, Soapstone & Pyrophyllite	5	226
	Total:	10	259
<b>Sand &amp; Gravel</b>	Sand & Gravel	179	677
	Total:	179	677
<b>Stone</b>	Cement	1	86
	Lime	1	24
	Limestone (Crushed & Broken)	2	98
	Slate (Dimension)	1	7
	Stone, Crushed & Broken, NEC	2	2
	Stone, Dimension NEC	30	144
	Traprock (Crushed & Broken)	1	1
	Total:	38	362
<b>Operators State Total:</b>		247	3,988
<b><u>Contractors **</u></b>			
<b>Coal</b>			91
<b>Metal and Nonmetal</b>			546
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	916
<b>Metal and Nonmetal</b>		-	3,709
	<b>Total:</b>	-	4,625

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Nebraska

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Uranium	1	51
	Total:	1	51
<b>Non-metals*</b>	Clay (Fire)	1	4
	Total:	1	4
<b>Sand &amp; Gravel</b>	Sand & Gravel	157	564
	Total:	157	564
<b>Stone</b>	Cement	1	147
	Limestone (Crushed & Broken)	10	274
	Stone, Crushed & Broken, NEC	1	3
	Stone, Dimension NEC	2	6
	Total:	14	430
<b>Operators State Total:</b>		173	1,049
<b><u>Contractors **</u></b>			
<b>Coal</b>			11
<b>Metal and Nonmetal</b>			127
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	11
<b>Metal and Nonmetal</b>		-	1,176
	<b>Total:</b>	-	1,187

*Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)*

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Nevada

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Copper Ore	1	43
	Gold (Lode and Placer)	46	6,493
	Iron Ore	2	7
	Metal Ores, NEC	1	29
	Silver Ores	3	333
	Total:	53	6,905
<b>Non-metals*</b>	Barite	8	150
	Boron Minerals	1	25
	Brucite	1	6
	Chemical and Fertilizer, NEC	1	10
	Clay (Common)	6	47
	Clay, Ceramic & Refractory, NEC	2	10
	Gemstones	1	1
	Gypsum	6	80
	Magnesite	1	75
	Mica	3	11
	Nonmetallic Minerals, NEC	8	263
	Perlite	3	16
	Pumice	1	6
	Total:	42	700
<b>Sand &amp; Gravel</b>	Sand & Gravel	152	1,094
		Total:	152
<b>Stone</b>	Cement	1	125
	Granite (Crushed & Broken)	1	35
	Lime	2	123
	Limestone (Crushed & Broken)	3	112
	Sandstone (Crushed & Broken)	3	63
	Sandstone (Dimension)	1	5
	Slate (Dimension)	1	8
	Stone, Crushed & Broken, NEC	7	48
	Stone, Dimension NEC	1	3
	Total:	20	522
<b>Operators State Total:</b>		267	9,221
<b><u>Contractors **</u></b>			
<b>Coal</b>			0
<b>Metal and Nonmetal</b>			1,249
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	0
<b>Metal and Nonmetal</b>		-	10,470
	Total:	-	10,470

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

# NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

## New Hampshire

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Sand &amp; Gravel</b>	Sand & Gravel	99	555
	Total:	99	555
<b>Stone</b>	Granite (Crushed & Broken)	8	78
	Granite (Dimension)	3	48
	Sandstone (Crushed & Broken)	2	11
	Stone, Crushed & Broken, NEC	2	18
	Stone, Dimension NEC	1	5
	Traprock (Crushed & Broken)	4	35
	Total:	20	195
<b>Operators State Total:</b>		119	750
<b><u>Contractors **</u></b>			
<b>Coal</b>			0
<b>Metal and Nonmetal</b>			76
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	0
<b>Metal and Nonmetal</b>		-	826
	Total:	-	826

*Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)*

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### New Jersey

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Zircon	1	22
		Total:	22
<b>Non-metals*</b>	Nonmetallic Minerals, NEC	1	57
		Total:	57
<b>Sand &amp; Gravel</b>	Sand & Gravel	63	778
		Total:	778
<b>Stone</b>	Granite (Crushed & Broken)	7	357
	Limestone (Crushed & Broken)	1	65
	Limestone (Dimension)	1	40
	Sandstone (Crushed & Broken)	1	62
	Slate (Crushed & Broken)	1	4
	Stone, Crushed & Broken, NEC	2	41
	Stone, Dimension NEC	1	8
	Traprock (Crushed & Broken)	11	445
		Total:	1,022
<b>Operators State Total:</b>		90	1,879
<b><u>Contractors **</u></b>			
<b>Coal</b>			5
<b>Metal and Nonmetal</b>			127
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	5
<b>Metal and Nonmetal</b>		-	2,006
		Total:	2,011

*Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)*

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

# NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

## New Mexico

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	7	1,679
	Total:	7	1,679
<b>Metals</b>	Copper Ore	6	642
	Gold (Lode and Placer)	2	9
	Manganese	1	2
	Molybdenum	1	131
	Uranium	1	14
	Total:	11	798
<b>Non-metals*</b>	Clay (Common)	1	5
	Gypsum	2	10
	Leonardite	1	2
	Mica	2	37
	Nonmetallic Minerals, NEC	4	50
	Perlite	3	145
	Potash	5	998
	Pumice	12	60
	Salt (Evaporated)	4	100
	Shale (Common)	1	4
	Total:	35	1,411
<b>Sand &amp; Gravel</b>	Sand & Gravel	110	711
	Total:	110	711
<b>Stone</b>	Cement	1	109
	Limestone (Crushed & Broken)	17	130
	Marble (Dimension)	1	4
	Sandstone (Crushed & Broken)	3	21
	Stone, Crushed & Broken, NEC	22	218
	Stone, Dimension NEC	5	26
	Total:	49	508
<b>Operators State Total:</b>		212	5,107
<b><u>Contractors **</u></b>			
<b>Coal</b>			320
<b>Metal and Nonmetal</b>			358
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	1,999
<b>Metal and Nonmetal</b>		-	3,786
	Total:	-	5,785

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### New York

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Lead and/or Zinc Ore	1	9
	Metal Ores, NEC	3	75
	Total:	4	84
<b>Non-metals*</b>	Chemical and Fertilizer, NEC	1	78
	Clay (Common)	1	4
	Salt (Rock)	3	387
	Shale (Common)	8	134
	Talc, Soapstone & Pyrophyllite	5	115
	Total:	18	718
<b>Sand &amp; Gravel</b>	Sand & Gravel	459	1,742
	Total:	459	1,742
<b>Stone</b>	Cement	5	525
	Granite (Crushed & Broken)	6	140
	Granite (Dimension)	1	9
	Lime	1	5
	Limestone (Crushed & Broken)	67	911
	Limestone (Dimension)	2	23
	Marble (Dimension)	1	5
	Sandstone (Crushed & Broken)	3	24
	Sandstone (Dimension)	12	94
	Slate (Dimension)	10	26
	Stone, Crushed & Broken, NEC	12	108
	Stone, Dimension NEC	20	160
Traprock (Crushed & Broken)	6	234	
	Total:	146	2,264
<b>Operators State Total:</b>		627	4,808
<b><u>Contractors **</u></b>			
<b>Coal</b>			21
<b>Metal and Nonmetal</b>			621
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	21
<b>Metal and Nonmetal</b>		-	5,429
	<b>Total:</b>	-	5,450

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.

\*\* Based on Contractor's mailing address state

# NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

## North Carolina

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Metal Ores, NEC	1	69
	Total:	1	69
<b>Non-metals*</b>	Barite	1	4
	Clay (Common)	15	99
	Clay (Fire)	5	33
	Feldspar	8	218
	Gemstones	2	3
	Gypsum	1	47
	Mica	5	111
	Nonmetallic Minerals, NEC	4	65
	Phosphate Rock	1	407
	Salt (Evaporated)	1	4
	Shale (Common)	5	85
	Talc, Soapstone & Pyrophyllite	2	48
	Total:	50	1,124
<b>Sand &amp; Gravel</b>	Sand & Gravel	98	713
	Total:	98	713
<b>Stone</b>	Granite (Crushed & Broken)	83	1,882
	Granite (Dimension)	2	72
	Limestone (Crushed & Broken)	20	289
	Sandstone (Crushed & Broken)	2	19
	Sandstone (Dimension)	2	28
	Slate (Dimension)	4	27
	Stone, Crushed & Broken, NEC	4	37
	Stone, Dimension NEC	9	198
	Traprock (Crushed & Broken)	5	82
	Total:	131	2,634
<b>Operators State Total:</b>		280	4,540
<b><u>Contractors **</u></b>			
<b>Coal</b>			124
<b>Metal and Nonmetal</b>			1,288
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	124
<b>Metal and Nonmetal</b>		-	5,828
	Total:	-	5,952

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.

\*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### North Dakota

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
Coal	Coal, Bituminous	5	941
		Total:	5 941
Non-metals*	Clay (Common)	1	4
	Leonardite	2	21
		Total:	3 25
Sand & Gravel	Sand & Gravel	109	426
		Total:	109 426
Stone	Stone, Crushed & Broken, NEC	1	2
		Total:	1 2
<b>Operators State Total:</b>		118	1,394
<b><u>Contractors **</u></b>			
Coal			238
Metal and Nonmetal			124
<b><u>Operator &amp; Contractor Totals</u></b>			
Coal		-	1,179
Metal and Nonmetal		-	577
		Total:	- 1,756

*Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)*

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Ohio

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	92	2,790
	Total:	92	2,790
<b>Non-metals*</b>	Clay (Common)	3	29
	Clay (Fire)	3	12
	Clay, Ceramic & Refractory, NEC	3	48
	Gypsum	1	7
	Salt (Rock)	2	309
	Shale (Common)	8	68
	Total:	20	473
<b>Sand &amp; Gravel</b>	Sand & Gravel	211	1,744
	Total:	211	1,744
<b>Stone</b>	Cement	2	204
	Lime	4	130
	Limestone (Crushed & Broken)	108	2,189
	Limestone (Dimension)	3	12
	Sandstone (Crushed & Broken)	14	202
	Sandstone (Dimension)	4	158
	Stone, Dimension NEC	1	5
	Total:	136	2,900
<b>Operators State Total:</b>		459	7,907
<b><u>Contractors **</u></b>			
<b>Coal</b>			1,342
<b>Metal and Nonmetal</b>			1,396
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	4,132
<b>Metal and Nonmetal</b>		-	6,513
	Total:	-	10,645

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Oklahoma

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
Coal	Coal, Bituminous	7	142
	Total:	7	142
Non-metals*	Clay (Common)	5	18
	Clay (Fire)	1	6
	Clay, Ceramic & Refractory, NEC	2	14
	Gypsum	9	151
	Mica	2	10
	Nonmetallic Minerals, NEC	1	1
	Shale (Common)	4	32
	Total:	24	232
Sand & Gravel	Sand & Gravel	91	518
	Total:	91	518
Stone	Cement	4	386
	Granite (Crushed & Broken)	5	109
	Granite (Dimension)	2	9
	Limestone (Crushed & Broken)	59	1,347
	Limestone (Dimension)	15	104
	Sandstone (Crushed & Broken)	2	50
	Sandstone (Dimension)	9	55
	Stone, Crushed & Broken, NEC	4	19
	Stone, Dimension NEC	5	33
	Total:	105	2,112
<b>Operators State Total:</b>		227	3,004
<b><u>Contractors **</u></b>			
Coal			61
Metal and Nonmetal			384
<b><u>Operator &amp; Contractor Totals</u></b>			
Coal		-	203
Metal and Nonmetal		-	3,246
	Total:	-	3,449

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Oregon

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Gold (Lode and Placer)	1	5
	Total:	1	5
<b>Non-metals*</b>	Clay (Common)	2	10
	Nonmetallic Minerals, NEC	7	106
	Perlite	1	26
	Pumice	3	29
	Total:	13	171
<b>Sand &amp; Gravel</b>	Sand & Gravel	88	675
	Total:	88	675
<b>Stone</b>	Cement	1	120
	Limestone (Crushed & Broken)	1	46
	Stone, Crushed & Broken, NEC	111	647
	Stone, Dimension NEC	2	15
	Traprock (Crushed & Broken)	37	303
	Traprock (Dimension)	1	3
	Total:	153	1,134
<b>Operators State Total:</b>		255	1,985
<b><u>Contractors **</u></b>			
<b>Coal</b>			27
<b>Metal and Nonmetal</b>			771
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	27
<b>Metal and Nonmetal</b>		-	2,756
	<b>Total:</b>	-	2,783

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.

\*\* Based on Contractor's mailing address state

# NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

## Pennsylvania

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Anthracite	155	1,163
	Coal, Bituminous	260	6,559
	Total:	415	7,722
<b>Metals</b>	Chromite	2	193
	Zircon	1	3
	Total:	3	196
<b>Non-metals*</b>	Clay (Common)	4	6
	Clay (Fire)	2	5
	Clay, Ceramic & Refractory, NEC	3	64
	Magnesite	1	12
	Nonmetallic Minerals, NEC	1	47
	Shale (Common)	4	7
	Total:	15	141
<b>Sand &amp; Gravel</b>	Sand & Gravel	132	846
	Total:	132	846
<b>Stone</b>	Cement	6	662
	Granite (Crushed & Broken)	5	137
	Lime	3	127
	Limestone (Crushed & Broken)	124	2,693
	Limestone (Dimension)	6	190
	Marble (Dimension)	1	73
	Sandstone (Crushed & Broken)	39	536
	Sandstone (Dimension)	61	361
	Slate (Crushed & Broken)	13	35
	Slate (Dimension)	15	147
	Stone, Crushed & Broken, NEC	26	467
	Stone, Dimension NEC	58	288
	Traprock (Crushed & Broken)	13	323
	Total:	370	6,039
<b>Operators State Total:</b>		935	14,944
<b><u>Contractors **</u></b>			
<b>Coal</b>			3,639
<b>Metal and Nonmetal</b>			1,725
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	11,361
<b>Metal and Nonmetal</b>		-	8,947
	Total:	-	20,308

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Puerto Rico

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Sand &amp; Gravel</b>	Sand & Gravel	42	462
	Total:	42	462
<b>Stone</b>	Cement	2	425
	Limestone (Crushed & Broken)	25	888
	Limestone (Dimension)	4	38
	Marble (Dimension)	1	6
	Sandstone (Crushed & Broken)	1	36
	Stone, Crushed & Broken, NEC	25	367
	Traprock (Crushed & Broken)	1	64
	Total:	59	1,824
<b>Operators State Total:</b>		101	2,286
<b><u>Contractors **</u></b>			
<b>Coal</b>			0
<b>Metal and Nonmetal</b>			189
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	0
<b>Metal and Nonmetal</b>		-	2,475
	Total:	-	2,475

*Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)*

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Rhode Island

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Sand &amp; Gravel</b>	Sand & Gravel	15	129
	Total:	15	129
<b>Stone</b>	Granite (Crushed & Broken)	3	20
	Limestone (Crushed & Broken)	1	4
	Stone, Crushed & Broken, NEC	4	25
	Traprock (Crushed & Broken)	1	6
	Total:	9	55
<b>Operators State Total:</b>		24	184
<b><u>Contractors **</u></b>			
<b>Coal</b>			0
<b>Metal and Nonmetal</b>			9
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	0
<b>Metal and Nonmetal</b>		-	193
	<b>Total:</b>	-	193

*Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)*

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

# NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

## South Carolina

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Gold (Lode and Placer)	2	10
	Total:	2	10
<b>Non-metals*</b>	Boron Minerals	1	28
	Clay (Common)	10	183
	Clay (Fire)	3	8
	Clay, Ceramic & Refractory, NEC	2	28
	Mica	1	8
	Shale (Common)	1	6
	Vermiculite	2	64
	Total:	20	325
<b>Sand &amp; Gravel</b>	Sand & Gravel	66	417
	Total:	66	417
<b>Stone</b>	Cement	2	350
	Granite (Crushed & Broken)	22	524
	Granite (Dimension)	1	5
	Lime	3	31
	Limestone (Crushed & Broken)	6	310
	Stone, Crushed & Broken, NEC	5	49
	Stone, Dimension NEC	2	6
	Total:	41	1,275
<b>Operators State Total:</b>		129	2,027
<b><u>Contractors **</u></b>			
<b>Coal</b>			34
<b>Metal and Nonmetal</b>			890
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	34
<b>Metal and Nonmetal</b>		-	2,917
	<b>Total:</b>	-	2,951

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

# NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

## South Dakota

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Gold (Lode and Placer)	2	240
	Iron Ore	1	4
	Total:	3	244
<b>Non-metals*</b>	Clay (Common)	1	54
	Feldspar	2	7
	Gypsum	1	3
	Mica	2	11
	Nonmetallic Minerals, NEC	1	27
	Total:	7	102
<b>Sand &amp; Gravel</b>	Sand & Gravel	122	526
	Total:	122	526
<b>Stone</b>	Cement	1	178
	Granite (Crushed & Broken)	2	11
	Granite (Dimension)	4	63
	Limestone (Crushed & Broken)	3	81
	Sandstone (Crushed & Broken)	3	102
	Stone, Crushed & Broken, NEC	2	11
	Total:	15	446
<b>Operators State Total:</b>		147	1,318
<b><u>Contractors **</u></b>			
<b>Coal</b>			17
<b>Metal and Nonmetal</b>			279
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	17
<b>Metal and Nonmetal</b>		-	1,597
	<b>Total:</b>	-	1,614

*Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)*

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Tennessee

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	32	632
	Total:	32	632
<b>Metals</b>	Lead and/or Zinc Ore	8	360
	Titanium	1	5
	Total:	9	365
<b>Non-metals*</b>	Barite	1	6
	Clay (Common)	16	329
	Clay (Fire)	1	7
	Clay, Ceramic & Refractory, NEC	2	20
	Total:	20	362
<b>Sand &amp; Gravel</b>	Sand & Gravel	52	413
	Total:	52	413
<b>Stone</b>	Cement	2	227
	Lime	1	76
	Limestone (Crushed & Broken)	122	1,748
	Limestone (Dimension)	1	12
	Marble (Dimension)	3	54
	Sandstone (Crushed & Broken)	4	75
	Sandstone (Dimension)	4	62
	Stone, Crushed & Broken, NEC	3	31
	Stone, Dimension NEC	2	31
	Total:	142	2,316
<b>Operators State Total:</b>		255	4,088
<b><u>Contractors **</u></b>			
<b>Coal</b>			335
<b>Metal and Nonmetal</b>			653
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	967
<b>Metal and Nonmetal</b>		-	4,109
	Total:	-	5,076

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Texas

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	14	2,387
	Total:	14	2,387
<b>Metals</b>	Alumina (Mill)	2	1,450
	Gold (Lode and Placer)	1	9
	Iron Ore	2	17
	Manganese	2	38
	Uranium	3	28
	Total:	10	1,542
<b>Non-metals*</b>	Barite	9	147
	Clay (Common)	27	431
	Clay (Fire)	9	30
	Clay, Ceramic & Refractory, NEC	3	16
	Gemstones	1	5
	Gilsonite	1	5
	Gypsum	7	111
	Mica	1	5
	Nonmetallic Minerals, NEC	2	11
	Perlite	1	1
	Pigment Mineral	1	40
	Salt (Rock)	2	271
	Shale (Common)	2	81
	Talc, Soapstone & Pyrophyllite	6	63
	Total:	72	1,217
<b>Sand &amp; Gravel</b>	Sand & Gravel	336	3,362
	Total:	336	3,362
<b>Stone</b>	Cement	8	1,121
	Granite (Crushed & Broken)	1	15
	Granite (Dimension)	5	89
	Lime	2	112
	Limestone (Crushed & Broken)	158	3,221
	Limestone (Dimension)	42	683
	Marble (Crushed & Broken)	2	14
	Marble (Dimension)	1	4
	Sandstone (Crushed & Broken)	5	107
	Sandstone (Dimension)	6	119
	Slate (Dimension)	1	20
	Stone, Crushed & Broken, NEC	55	537
	Stone, Dimension NEC	32	375
	Traprock (Crushed & Broken)	3	59
	Traprock (Dimension)	2	26
	Total:	323	6,502
<b>Operators State Total:</b>		755	15,010
<b><u>Contractors **</u></b>			
<b>Coal</b>			1,425
<b>Metal and Nonmetal</b>			3,405
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	3,812
<b>Metal and Nonmetal</b>		-	16,028
	<b>Total:</b>	-	19,840

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

# NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

## Utah

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	21	1,591
	Total:	21	1,591
<b>Metals</b>	Beryl	1	72
	Copper Ore	1	801
	Gold (Lode and Placer)	5	438
	Metal Ores, NEC	1	2
	Uranium	1	53
	Total:	9	1,366
<b>Non-metals*</b>	Clay (Common)	2	23
	Fluorspar	1	2
	Gemstones	1	1
	Gilsonite	3	124
	Gypsum	4	51
	Nonmetallic Minerals, NEC	1	1
	Perlite	1	18
	Phosphate Rock	1	136
	Potash	1	47
	Pumice	1	2
	Salt (Rock)	1	74
	Shale (Common)	6	49
	Total:	23	528
<b>Sand &amp; Gravel</b>	Sand & Gravel	199	1,127
	Total:	199	1,127
<b>Stone</b>	Cement	2	191
	Limestone (Crushed & Broken)	9	135
	Limestone (Dimension)	4	43
	Sandstone (Crushed & Broken)	1	2
	Sandstone (Dimension)	5	33
	Stone, Crushed & Broken, NEC	7	48
	Stone, Dimension NEC	6	75
	Total:	34	527
<b>Operators State Total:</b>		286	5,139
<b><u>Contractors **</u></b>			
<b>Coal</b>			1,142
<b>Metal and Nonmetal</b>			1,277
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	2,733
<b>Metal and Nonmetal</b>		-	4,825
	Total:	-	7,558

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Vermont

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Non-metals*</b>	Talc, Soapstone & Pyrophyllite	2	69
	Total:	2	69
<b>Sand &amp; Gravel</b>	Sand & Gravel	98	305
	Total:	98	305
<b>Stone</b>	Granite (Crushed & Broken)	4	16
	Granite (Dimension)	2	14
	Limestone (Crushed & Broken)	11	100
	Marble (Crushed & Broken)	2	145
	Marble (Dimension)	5	30
	Sandstone (Crushed & Broken)	1	2
	Slate (Crushed & Broken)	3	12
	Slate (Dimension)	34	394
	Stone, Crushed & Broken, NEC	6	30
	Stone, Dimension NEC	11	86
	Traprock (Crushed & Broken)	2	16
	Traprock (Dimension)	1	2
	Total:	82	847
<b>Operators State Total:</b>		182	1,221
<b><u>Contractors **</u></b>			
<b>Coal</b>			2
<b>Metal and Nonmetal</b>			132
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	2
<b>Metal and Nonmetal</b>		-	1,353
	<b>Total:</b>	-	1,355

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Virgin Islands

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Stone</b>	Limestone (Crushed & Broken)	1	20
	Stone, Crushed & Broken, NEC	1	11
	Traprock (Crushed & Broken)	1	29
	<b>Total:</b>	<b>3</b>	<b>60</b>
<b>Operators State Total:</b>		<b>3</b>	<b>60</b>
<b><u>Contractors **</u></b>			
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	#Error
<b>Metal and Nonmetal</b>		-	#Error
<b>Total:</b>		<b>-</b>	<b>#Error</b>

*Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)*

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Virginia

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	197	5,259
	Total:	197	5,259
<b>Metals</b>	Titanium	1	112
	Total:	1	112
<b>Non-metals*</b>	Aplite	1	33
	Clay, Ceramic & Refractory, NEC	3	159
	Gemstones	1	5
	Kyanite	3	144
	Mica	1	5
	Pigment Mineral	1	40
	Shale (Common)	1	43
	Vermiculite	1	26
	Total:	12	455
<b>Sand &amp; Gravel</b>	Sand & Gravel	50	399
	Total:	50	399
<b>Stone</b>	Cement	2	222
	Granite (Crushed & Broken)	36	903
	Lime	1	114
	Limestone (Crushed & Broken)	45	1,022
	Limestone (Dimension)	2	103
	Sandstone (Crushed & Broken)	4	65
	Sandstone (Dimension)	1	9
	Slate (Crushed & Broken)	5	68
	Slate (Dimension)	1	92
	Stone, Crushed & Broken, NEC	8	131
	Stone, Dimension NEC	3	44
	Traprock (Crushed & Broken)	3	113
	Total:	111	2,886
<b>Operators State Total:</b>		371	9,111
<b><u>Contractors **</u></b>			
<b>Coal</b>			2,455
<b>Metal and Nonmetal</b>			1,097
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	7,714
<b>Metal and Nonmetal</b>		-	4,949
	Total:	-	12,663

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.

\*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Washington

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	2	551
	Total:	2	551
<b>Metals</b>	Gold (Lode and Placer)	2	88
	Lead and/or Zinc Ore	1	17
	Metal Ores, NEC	2	6
	Uranium - Vanadium Ores	1	13
	Total:	6	124
<b>Non-metals*</b>	Clay (Common)	1	4
	Nonmetallic Minerals, NEC	3	70
	Total:	4	74
<b>Sand &amp; Gravel</b>	Sand & Gravel	229	1,511
	Total:	229	1,511
<b>Stone</b>	Cement	3	163
	Granite (Crushed & Broken)	3	15
	Lime	2	69
	Limestone (Crushed & Broken)	12	71
	Limestone (Dimension)	1	3
	Marble (Crushed & Broken)	1	54
	Sandstone (Crushed & Broken)	2	30
	Slate (Dimension)	1	6
	Stone, Crushed & Broken, NEC	31	196
	Stone, Dimension NEC	4	37
	Traprock (Crushed & Broken)	45	381
	Traprock (Dimension)	2	14
	Total:	107	1,039
<b>Operators State Total:</b>		348	3,299
<b><u>Contractors **</u></b>			
<b>Coal</b>			88
<b>Metal and Nonmetal</b>			306
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	639
<b>Metal and Nonmetal</b>		-	3,054
	Total:	-	3,693

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### West Virginia

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	449	17,412
		Total:	449      17,412
<b>Metals</b>	Iron Ore	4	28
		Total:	4      28
<b>Non-metals*</b>	Clay (Common)	1	1
		Total:	1      1
<b>Sand &amp; Gravel</b>	Sand & Gravel	7	53
		Total:	7      53
<b>Stone</b>	Cement	1	203
	Granite (Crushed & Broken)	1	67
	Lime	1	7
	Limestone (Crushed & Broken)	27	466
	Limestone (Dimension)	1	63
	Sandstone (Crushed & Broken)	11	166
	Sandstone (Dimension)	1	5
		Total:	43      977
<b>Operators State Total:</b>		504	18,471
<b><u>Contractors **</u></b>			
<b>Coal</b>			9,067
<b>Metal and Nonmetal</b>			142
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	26,479
<b>Metal and Nonmetal</b>		-	1,201
		Total:	-      27,680

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Wisconsin

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Non-metals*</b>	Clay (Fire)	1	12
	Nonmetallic Minerals, NEC	1	23
	Total:	2	35
<b>Sand &amp; Gravel</b>	Sand & Gravel	365	1,408
	Total:	365	1,408
<b>Stone</b>	Granite (Crushed & Broken)	7	198
	Granite (Dimension)	2	4
	Lime	6	139
	Limestone (Crushed & Broken)	148	835
	Limestone (Dimension)	13	488
	Sandstone (Crushed & Broken)	2	41
	Sandstone (Dimension)	3	13
	Stone, Crushed & Broken, NEC	6	15
	Stone, Dimension NEC	8	89
	Traprock (Crushed & Broken)	2	97
	Total:	197	1,919
<b>Operators State Total:</b>		564	3,362
<b><u>Contractors **</u></b>			
<b>Coal</b>			184
<b>Metal and Nonmetal</b>			606
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	184
<b>Metal and Nonmetal</b>		-	3,968
	<b>Total:</b>	-	4,152

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2002

### Wyoming

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	20	4,771
	Total:	20	4,771
<b>Metals</b>	Uranium	2	64
	Total:	2	64
<b>Non-metals*</b>	Clay (Common)	19	587
	Clay (Fire)	4	79
	Gypsum	2	14
	Leonardite	2	10
	Nonmetallic Minerals, NEC	1	5
	Oil Shale	1	3
	Shale (Common)	3	8
	Sodium Compounds	1	24
	Trona	5	2,283
	Total:	38	3,013
<b>Sand &amp; Gravel</b>	Sand & Gravel	106	449
	Total:	106	449
<b>Stone</b>	Granite (Crushed & Broken)	1	52
	Granite (Dimension)	1	4
	Lime	1	25
	Limestone (Crushed & Broken)	6	151
	Limestone (Dimension)	1	17
	Marble (Crushed & Broken)	1	22
	Marble (Dimension)	1	4
	Stone, Crushed & Broken, NEC	3	16
	Stone, Dimension NEC	3	19
	Total:	18	310
<b>Operators State Total:</b>		184	8,607
<b><u>Contractors **</u></b>			
<b>Coal</b>			1,823
<b>Metal and Nonmetal</b>			747
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	6,594
<b>Metal and Nonmetal</b>		-	4,583
	Total:	-	11,177

Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)

\* Excluding Stone, sand & gravel.      \*\* Based on Contractor's mailing address state

## NUMBER OF MINES AND AVERAGE EMPLOYMENT - 2002

### U.S. Summary\*\*

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Anthracite	155	1,163
	Coal, Bituminous	1,910	77,104
		<b>Total:</b>	<b>78,267</b>
<b>Metals</b>	Alumina (Mill)	6	2,341
	Aluminum Ore	6	151
	Beryl	1	72
	Chromite	2	193
	Copper Ore	31	6,294
	Gold (Lode and Placer)	113	8,860
	Iron Ore	25	5,371
	Lead and/or Zinc Ore	21	1,185
	Manganese	5	131
	Metal Ores, NEC	12	381
	Molybdenum	4	608
	Platinum Group	3	1,459
	Rare Earths	1	90
	Silver Ores	8	915
	Titanium	4	460
	Uranium	9	303
	Uranium - Vanadium Ores	2	22
	Vanadium	1	76
Zircon	2	25	
		<b>Total:</b>	<b>28,937</b>
<b>Non-metals*</b>	Aplite	2	38
	Asbestos	2	17
	Barite	31	517
	Boron Minerals	4	855
	Brucite	2	8
	Chemical and Fertilizer, NEC	4	141
	Clay (Common)	223	6,867
	Clay (Fire)	56	557
	Clay, Ceramic & Refractory, NEC	39	791
	Feldspar	13	268
	Fluorspar	2	12
	Gemstones	28	151
	Gilsonite	4	129
	Gypsum	59	1,019
	Kyanite	3	144
	Leonardite	5	33
	Lithium	1	3
	Magnesite	2	87
	Mica	24	299
	Nonmetallic Minerals, NEC	50	1,299
	Oil Shale	2	7
	Perlite	14	232
	Phosphate Rock	24	2,935
	Pigment Mineral	3	89
	Potash	6	1,045
	Potash, Soda & Borate Min'ls NEC	1	7
	Pumice	41	282
	Salt (Evaporated)	5	104
	Salt (Rock)	15	1,729
	Shale (Common)	66	800
Sodium Compounds	1	24	

*Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)*

\* Excluding Stone, sand & gravel.    \*\* Includes Puerto Rico and the Virgin Islands

## NUMBER OF MINES AND AVERAGE EMPLOYMENT - 2002

### U.S. Summary\*\* (Contd)

General Description	Product	Number of Mines	Average Employment
<b><u>Operators</u></b>			
<b>Non-metals*</b>	Sulfur	1	9
	Talc, Soapstone & Pyrophyllite	21	539
	Trona	6	2,289
	Vermiculite	3	90
	<b>Total:</b>	763	23,416
<b>Sand &amp; Gravel</b>	Sand & Gravel	7,125	44,251
	<b>Total:</b>	7,125	44,251
<b>Stone</b>	Cement	100	12,741
	Granite (Crushed & Broken)	306	7,370
	Granite (Dimension)	79	770
	Lime	63	2,622
	Limestone (Crushed & Broken)	2,064	36,761
	Limestone (Dimension)	135	2,469
	Marble (Crushed & Broken)	21	1,068
	Marble (Dimension)	18	228
	Sandstone (Crushed & Broken)	169	2,706
	Sandstone (Dimension)	175	1,570
	Slate (Crushed & Broken)	34	214
	Slate (Dimension)	76	881
	Stone, Crushed & Broken, NEC	592	5,648
	Stone, Dimension NEC	285	2,322
	Traprock (Crushed & Broken)	186	3,089
Traprock (Dimension)	8	95	
<b>Total:</b>	4,311	80,554	
<b><u>Operator Totals</u></b>			
<b>Coal</b>		2,065	78,267
<b>Metal and Nonmetal</b>		12,455	177,158
<b>Total:</b>		14,520	255,425
<b><u>Contractor Totals</u></b>			
<b>Coal</b>		-	32,699
<b>Metal and Nonmetal</b>		-	40,990
<b>Total:</b>		-	73,689
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	110,966
<b>Metal and Nonmetal</b>		-	218,148
<b>Total:</b>		-	329,114

*Source: MSHA Accident, Illness And Injury And Employment Self Extracting Files (Part 50 Data)*

\* Excluding Stone, sand & gravel.    \*\* Includes Puerto Rico and the Virgin Islands