

NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2003

Alabama

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	57	3,524
	Total:	57	3,524
Metals	Aluminum Ore	1	8
	Metal Ores, NEC	1	7
	Total:	2	15
Non-metals*	Clay (Common)	9	202
	Clay (Fire)	3	65
	Clay, Ceramic & Refractory, NEC	1	7
	Pigment Mineral	1	12
	Shale (Common)	4	22
	Total:	18	308
Sand & Gravel	Sand & Gravel	83	585
	Total:	83	585
Stone	Cement	5	650
	Granite (Crushed & Broken)	2	24
	Granite (Dimension)	1	5
	Lime	4	208
	Limestone (Crushed & Broken)	50	1,151
	Limestone (Dimension)	2	16
	Marble (Crushed & Broken)	3	456
	Marble (Dimension)	1	8
	Sandstone (Crushed & Broken)	10	112
	Sandstone (Dimension)	4	24
	Slate (Crushed & Broken)	6	31
	Stone, Crushed & Broken, NEC	2	3
	Stone, Dimension NEC	2	12
	Total:	92	2,700
Operators State Total:		252	7,132
<u>Contractors **</u>			
Coal			923
Metal and Nonmetal			1,790
<u>Operator & Contractor Totals</u>			
Coal		-	4,447
Metal and Nonmetal		-	5,398
	Total:	-	9,845

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 - 2003

Alaska

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	1	81
	Total:	1	81
Metals	Gold (Lode and Placer)	26	567
	Lead and/or Zinc Ore	1	199
	Platinum Group	1	6
	Silver Ores	1	266
	Total:	29	1,038
Sand & Gravel	Sand & Gravel	73	380
	Total:	73	380
Stone	Limestone (Crushed & Broken)	1	4
	Limestone (Dimension)	1	5
	Sandstone (Crushed & Broken)	1	2
	Stone, Crushed & Broken, NEC	25	156
	Stone, Dimension NEC	1	9
	Traprock (Crushed & Broken)	5	28
	Total:	34	204
Operators State Total:		137	1,703
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			193
<u>Operator & Contractor Totals</u>			
Coal		-	81
Metal and Nonmetal		-	1,815
	Total:	-	1,896

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

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NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2003

Arizona

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	3	661
	Total:	3	661
Metals	Copper Ore	17	4,442
	Gold (Lode and Placer)	3	10
	Total:	20	4,452
Non-metals*	Brucite	1	2
	Chemical and Fertilizer, NEC	1	19
	Clay (Common)	6	33
	Gemstones	2	32
	Gypsum	6	48
	Lithium	1	4
	Mica	1	2
	Perlite	1	9
	Pumice	10	54
	Sulfur	1	5
	Total:	30	208
Sand & Gravel	Sand & Gravel	259	2,388
	Total:	259	2,388
Stone	Cement	1	136
	Granite (Crushed & Broken)	13	106
	Granite (Dimension)	1	5
	Lime	2	73
	Limestone (Crushed & Broken)	3	153
	Marble (Crushed & Broken)	3	75
	Sandstone (Crushed & Broken)	2	11
	Sandstone (Dimension)	19	259
	Stone, Crushed & Broken, NEC	18	109
	Stone, Dimension NEC	13	138
	Traprock (Crushed & Broken)	1	4
	Total:	76	1,069
Operators State Total:		388	8,778
<u>Contractors **</u>			
Coal			87
Metal and Nonmetal			1,434
<u>Operator & Contractor Totals</u>			
Coal		-	748
Metal and Nonmetal		-	9,551
	Total:	-	10,299

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

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NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2003

Arkansas

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	2	23
	Total:	2	23
Metals	Alumina (Mill)	2	336
	Aluminum Ore	5	138
	Vanadium	1	75
	Total:	8	549
Non-metals*	Clay (Common)	3	56
	Clay (Fire)	2	12
	Gemstones	13	26
	Gypsum	1	56
	Shale (Common)	1	2
	Total:	20	152
Sand & Gravel	Sand & Gravel	61	454
	Total:	61	454
Stone	Cement	1	159
	Granite (Crushed & Broken)	4	349
	Limestone (Crushed & Broken)	31	539
	Limestone (Dimension)	1	7
	Sandstone (Crushed & Broken)	18	312
	Sandstone (Dimension)	4	39
	Slate (Crushed & Broken)	2	40
	Stone, Crushed & Broken, NEC	15	122
	Stone, Dimension NEC	7	33
	Traprock (Crushed & Broken)	1	36
	Total:	84	1,636
Operators State Total:		175	2,814
<u>Contractors **</u>			
Coal			11
Metal and Nonmetal			418
<u>Operator & Contractor Totals</u>			
Coal		-	34
Metal and Nonmetal		-	3,209
	Total:	-	3,243

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

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NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2003

California

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Gold (Lode and Placer)	16	196
	Iron Ore	2	9
	Metal Ores, NEC	1	43
	Rare Earths	1	68
	Total:	20	316
Non-metals*	Asbestos	1	12
	Barite	1	1
	Boron Minerals	2	786
	Clay (Common)	8	163
	Clay (Fire)	1	5
	Clay, Ceramic & Refractory, NEC	4	44
	Feldspar	1	11
	Gemstones	1	2
	Gypsum	5	79
	Nonmetallic Minerals, NEC	4	409
	Perlite	1	3
	Pumice	9	76
	Shale (Common)	1	6
	Talc, Soapstone & Pyrophyllite	1	17
	Trona	1	6
Total:	41	1,620	
Sand & Gravel	Sand & Gravel	382	4,437
	Total:	382	4,437
Stone	Cement	9	1,396
	Granite (Crushed & Broken)	12	198
	Granite (Dimension)	1	4
	Lime	2	80
	Limestone (Crushed & Broken)	15	652
	Limestone (Dimension)	1	52
	Marble (Crushed & Broken)	1	7
	Sandstone (Crushed & Broken)	2	24
	Sandstone (Dimension)	1	7
	Slate (Crushed & Broken)	4	23
	Slate (Dimension)	2	56
	Stone, Crushed & Broken, NEC	83	1,077
	Stone, Dimension NEC	9	118
Traprock (Crushed & Broken)	3	12	
Total:	145	3,706	
Operators State Total:		588	10,079
<u>Contractors **</u>			
Coal			60
Metal and Nonmetal			2,701
<u>Operator & Contractor Totals</u>			
Coal		-	60
Metal and Nonmetal		-	12,780
Total:		-	12,840

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

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NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2003

Colorado

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	16	2,128
	Total:	16	2,128
Metals	Gold (Lode and Placer)	2	330
	Lead and/or Zinc Ore	1	3
	Metal Ores, NEC	1	7
	Molybdenum	3	418
	Uranium	1	38
	Uranium - Vanadium Ores	2	12
	Total:	10	808
Non-metals*	Clay (Common)	1	4
	Clay (Fire)	2	13
	Gemstones	2	9
	Gypsum	1	15
	Perlite	2	46
	Shale (Common)	2	46
	Total:	10	133
Sand & Gravel	Sand & Gravel	288	1,516
	Total:	288	1,516
Stone	Cement	2	274
	Granite (Crushed & Broken)	1	31
	Limestone (Crushed & Broken)	3	47
	Limestone (Dimension)	1	44
	Marble (Dimension)	1	8
	Sandstone (Crushed & Broken)	4	53
	Sandstone (Dimension)	20	198
	Stone, Crushed & Broken, NEC	20	156
	Stone, Dimension NEC	4	35
	Total:	56	846
Operators State Total:		380	5,431
<u>Contractors **</u>			
Coal			996
Metal and Nonmetal			2,213
<u>Operator & Contractor Totals</u>			
Coal		-	3,124
Metal and Nonmetal		-	5,516
	Total:	-	8,640

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

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NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2003

Connecticut

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Clay (Fire)	1	3
	Total:	1	3
Sand & Gravel	Sand & Gravel	76	364
	Total:	76	364
Stone	Granite (Crushed & Broken)	5	25
	Limestone (Crushed & Broken)	9	149
	Stone, Crushed & Broken, NEC	5	37
	Stone, Dimension NEC	4	27
	Traprock (Crushed & Broken)	10	326
	Total:	33	564
Operators State Total:		110	931
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			89
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	1,020
	Total:	-	1,020

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

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NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2003

Delaware

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Manganese	1	53
		Total:	53
Sand & Gravel	Sand & Gravel	8	61
		Total:	61
Operators State Total:		9	114
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			12
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	126
		Total:	-

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

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NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2003

Florida

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Titanium	2	330
	Total:	2	330
Non-metals*	Clay (Common)	4	217
	Clay, Ceramic & Refractory, NEC	1	41
	Nonmetallic Minerals, NEC	1	9
	Phosphate Rock	15	2,091
	Total:	21	2,358
Sand & Gravel	Sand & Gravel	71	617
	Total:	71	617
Stone	Cement	9	839
	Lime	4	40
	Limestone (Crushed & Broken)	112	2,679
	Limestone (Dimension)	1	21
	Sandstone (Crushed & Broken)	4	29
	Stone, Crushed & Broken, NEC	2	79
	Stone, Dimension NEC	1	18
	Total:	133	3,705
Operators State Total:		227	7,010
<u>Contractors **</u>			
Coal			119
Metal and Nonmetal			2,371
<u>Operator & Contractor Totals</u>			
Coal		-	119
Metal and Nonmetal		-	9,381
	Total:	-	9,500

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

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NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2003

Georgia

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Barite	2	78
	Clay (Common)	39	3,348
	Clay (Fire)	3	67
	Clay, Ceramic & Refractory, NEC	2	290
	Feldspar	2	26
	Mica	1	60
	Shale (Common)	3	81
	Total:	52	3,950
Sand & Gravel	Sand & Gravel	40	357
	Total:	40	357
Stone	Cement	2	213
	Granite (Crushed & Broken)	53	1,466
	Granite (Dimension)	34	254
	Limestone (Crushed & Broken)	16	285
	Marble (Crushed & Broken)	8	320
	Marble (Dimension)	2	32
	Sandstone (Crushed & Broken)	2	40
	Sandstone (Dimension)	1	1
	Slate (Crushed & Broken)	1	5
	Slate (Dimension)	1	4
	Stone, Crushed & Broken, NEC	11	251
	Stone, Dimension NEC	10	68
Total:	141	2,939	
Operators State Total:		233	7,246
<u>Contractors **</u>			
Coal			32
Metal and Nonmetal			2,661
<u>Operator & Contractor Totals</u>			
Coal		-	32
Metal and Nonmetal		-	9,907
Total:		-	9,939

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

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NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2003

Hawaii

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Nonmetallic Minerals, NEC	1	1
	Total:	1	1
Sand & Gravel	Sand & Gravel	9	48
	Total:	9	48
Stone	Limestone (Crushed & Broken)	2	12
	Limestone (Dimension)	1	2
	Stone, Crushed & Broken, NEC	23	222
	Traprock (Crushed & Broken)	4	97
	Total:	30	333
Operators State Total:		40	382
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			36
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	418
	Total:	-	418

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

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NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2003

Idaho

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Gold (Lode and Placer)	1	10
	Lead and/or Zinc Ore	1	9
	Metal Ores, NEC	1	108
	Molybdenum	1	110
	Silver Ores	4	298
	Total:	8	535
Non-metals*	Clay (Common)	1	4
	Gemstones	1	32
	Perlite	1	4
	Phosphate Rock	5	293
	Pumice	4	54
	Total:	12	387
Sand & Gravel	Sand & Gravel	140	592
	Total:	140	592
Stone	Cement	1	71
	Lime	2	9
	Limestone (Crushed & Broken)	2	23
	Limestone (Dimension)	1	3
	Sandstone (Crushed & Broken)	1	13
	Sandstone (Dimension)	2	3
	Slate (Dimension)	2	105
	Stone, Crushed & Broken, NEC	21	158
	Stone, Dimension NEC	5	55
Traprock (Crushed & Broken)	2	13	
	Total:	39	453
Operators State Total:		199	1,967
<u>Contractors **</u>			
Coal			7
Metal and Nonmetal			307
<u>Operator & Contractor Totals</u>			
Coal		-	7
Metal and Nonmetal		-	2,274
	Total:	-	2,281

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

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NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2003

Illinois

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	40	3,763
	Total:	40	3,763
Metals	Manganese	1	25
	Total:	1	25
Non-metals*	Clay (Common)	2	62
	Clay (Fire)	1	2
	Fluorspar	1	10
	Nonmetallic Minerals, NEC	3	66
	Shale (Common)	2	4
	Total:	9	144
Sand & Gravel	Sand & Gravel	148	1,091
	Total:	148	1,091
Stone	Cement	3	394
	Lime	5	130
	Limestone (Crushed & Broken)	136	2,400
	Limestone (Dimension)	1	5
	Sandstone (Crushed & Broken)	6	287
	Stone, Crushed & Broken, NEC	2	16
	Total:	153	3,232
Operators State Total:		351	8,255
<u>Contractors **</u>			
Coal			963
Metal and Nonmetal			949
<u>Operator & Contractor Totals</u>			
Coal		-	4,726
Metal and Nonmetal		-	5,441
	Total:	-	10,167

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

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NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2003

Indiana

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	50	2,852
	Total:	50	2,852
Non-metals*	Clay (Common)	1	7
	Gypsum	2	77
	Nonmetallic Minerals, NEC	1	5
	Shale (Common)	2	39
	Total:	6	128
Sand & Gravel	Sand & Gravel	165	963
	Total:	165	963
Stone	Lime	2	67
	Limestone (Crushed & Broken)	93	2,185
	Limestone (Dimension)	12	187
	Sandstone (Dimension)	1	2
	Total:	108	2,441
Operators State Total:		329	6,384
<u>Contractors **</u>			
Coal			1,063
Metal and Nonmetal			839
<u>Operator & Contractor Totals</u>			
Coal		-	3,915
Metal and Nonmetal		-	4,371
	Total:	-	8,286

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

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NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2003

Iowa

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Clay (Common)	2	15
	Clay, Ceramic & Refractory, NEC	1	4
	Gypsum	6	151
	Total:	9	170
Sand & Gravel	Sand & Gravel	129	616
	Total:	129	616
Stone	Cement	3	418
	Lime	2	74
	Limestone (Crushed & Broken)	128	1,417
	Limestone (Dimension)	4	67
	Total:	137	1,976
Operators State Total:		275	2,762
<u>Contractors **</u>			
Coal			15
Metal and Nonmetal			734
<u>Operator & Contractor Totals</u>			
Coal		-	15
Metal and Nonmetal		-	3,496
	Total:	-	3,511

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

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NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2003

Kansas

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	2	13
	Total:	2	13
Non-metals*	Clay (Common)	2	26
	Clay (Fire)	3	13
	Gypsum	3	53
	Perlite	1	4
	Potash, Soda & Borate Min'ls NEC	1	6
	Salt (Rock)	3	136
	Total:	13	238
Sand & Gravel	Sand & Gravel	83	382
	Total:	83	382
Stone	Cement	3	390
	Lime	3	108
	Limestone (Crushed & Broken)	70	797
	Limestone (Dimension)	6	16
	Stone, Crushed & Broken, NEC	5	39
	Stone, Dimension NEC	3	12
	Total:	90	1,362
Operators State Total:		188	1,995
<u>Contractors **</u>			
Coal			15
Metal and Nonmetal			564
<u>Operator & Contractor Totals</u>			
Coal		-	28
Metal and Nonmetal		-	2,546
	Total:	-	2,574

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

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NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2003

Kentucky

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	572	16,084
	Total:	572	16,084
Non-metals*	Clay (Common)	4	29
	Clay, Ceramic & Refractory, NEC	6	88
	Shale (Common)	3	36
	Total:	13	153
Sand & Gravel	Sand & Gravel	27	216
	Total:	27	216
Stone	Cement	2	148
	Lime	1	9
	Limestone (Crushed & Broken)	96	2,309
	Limestone (Dimension)	1	115
	Sandstone (Crushed & Broken)	2	8
	Stone, Crushed & Broken, NEC	2	26
	Total:	104	2,615
Operators State Total:		716	19,068
<u>Contractors **</u>			
Coal			4,345
Metal and Nonmetal			412
<u>Operator & Contractor Totals</u>			
Coal		-	20,429
Metal and Nonmetal		-	3,396
	Total:	-	23,825

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

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NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2003

Louisiana

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	2	214
	Total:	2	214
Metals	Alumina (Mill)	2	591
	Total:	2	591
Non-metals*	Barite	8	110
	Clay (Common)	2	7
	Clay (Fire)	6	159
	Clay, Ceramic & Refractory, NEC	1	5
	Nonmetallic Minerals, NEC	2	55
	Salt (Rock)	3	511
	Total:	22	847
Sand & Gravel	Sand & Gravel	111	746
	Total:	111	746
Stone	Lime	1	14
	Sandstone (Crushed & Broken)	7	19
	Stone, Crushed & Broken, NEC	1	9
	Total:	9	42
Operators State Total:		146	2,440
<u>Contractors **</u>			
Coal			96
Metal and Nonmetal			462
<u>Operator & Contractor Totals</u>			
Coal		-	310
Metal and Nonmetal		-	2,688
	Total:	-	2,998

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

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NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2003

Maine

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Sand & Gravel	Sand & Gravel	173	664
	Total:	173	664
Stone	Granite (Crushed & Broken)	3	18
	Granite (Dimension)	3	11
	Limestone (Crushed & Broken)	4	118
	Stone, Crushed & Broken, NEC	8	47
	Stone, Dimension NEC	4	16
	Traprock (Crushed & Broken)	4	39
	Traprock (Dimension)	1	26
	Total:	27	275
Operators State Total:		200	939
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			228
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	1,167
	Total:	-	1,167

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

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NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2003

Maryland

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	21	427
		Total:	427
Non-metals*	Shale (Common)	2	2
		Total:	2
Sand & Gravel	Sand & Gravel	28	398
		Total:	398
Stone	Cement	4	448
	Granite (Crushed & Broken)	3	137
	Granite (Dimension)	1	6
	Limestone (Crushed & Broken)	17	417
	Sandstone (Crushed & Broken)	2	7
	Sandstone (Dimension)	6	64
	Stone, Crushed & Broken, NEC	3	26
	Stone, Dimension NEC	4	38
	Traprock (Crushed & Broken)	1	74
	Traprock (Dimension)	1	27
		Total:	1,244
Operators State Total:		93	2,071
<u>Contractors **</u>			
Coal			439
Metal and Nonmetal			248
<u>Operator & Contractor Totals</u>			
Coal		-	866
Metal and Nonmetal		-	1,892
		Total:	2,758

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 - 2003

Massachusetts

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Clay (Common)	1	3
	Shale (Common)	1	12
	Total:	2	15
Sand & Gravel	Sand & Gravel	116	922
	Total:	116	922
Stone	Granite (Crushed & Broken)	6	65
	Limestone (Crushed & Broken)	4	220
	Slate (Dimension)	1	4
	Stone, Crushed & Broken, NEC	9	68
	Stone, Dimension NEC	7	104
	Traprock (Crushed & Broken)	18	264
	Total:	45	725
Operators State Total:		163	1,662
<u>Contractors **</u>			
Coal			11
Metal and Nonmetal			209
<u>Operator & Contractor Totals</u>			
Coal		-	11
Metal and Nonmetal		-	1,871
	Total:	-	1,882

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 - 2003

Michigan

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Copper Ore	1	4
	Iron Ore	2	1,414
	Total:	3	1,418
Non-metals*	Gypsum	3	72
	Salt (Rock)	1	41
	Shale (Common)	2	8
	Total:	6	121
Sand & Gravel	Sand & Gravel	431	2,029
	Total:	431	2,029
Stone	Cement	4	576
	Lime	2	83
	Limestone (Crushed & Broken)	27	849
	Sandstone (Dimension)	1	7
	Stone, Crushed & Broken, NEC	1	5
	Stone, Dimension NEC	1	3
	Total:	36	1,523
Operators State Total:		476	5,091
<u>Contractors **</u>			
Coal			18
Metal and Nonmetal			653
<u>Operator & Contractor Totals</u>			
Coal		-	18
Metal and Nonmetal		-	5,744
	Total:	-	5,762

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 - 2003

Minnesota

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Iron Ore	16	4,364
	Metal Ores, NEC	2	4
	Total:	18	4,368
Non-metals*	Chemical and Fertilizer, NEC	1	25
	Clay (Common)	1	17
	Nonmetallic Minerals, NEC	1	2
	Total:	3	44
Sand & Gravel	Sand & Gravel	419	1,620
	Total:	419	1,620
Stone	Granite (Crushed & Broken)	10	102
	Granite (Dimension)	10	106
	Limestone (Crushed & Broken)	38	279
	Limestone (Dimension)	3	61
	Sandstone (Crushed & Broken)	1	15
	Stone, Crushed & Broken, NEC	2	5
	Stone, Dimension NEC	1	7
	Total:	65	575
Operators State Total:		505	6,607
<u>Contractors **</u>			
Coal			94
Metal and Nonmetal			1,460
<u>Operator & Contractor Totals</u>			
Coal		-	94
Metal and Nonmetal		-	8,067
	Total:	-	8,161

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 - 2003

Mississippi

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	1	195
	Total:	1	195
Non-metals*	Clay (Common)	11	285
	Clay (Fire)	2	3
	Clay, Ceramic & Refractory, NEC	2	164
	Total:	15	452
Sand & Gravel	Sand & Gravel	86	660
	Total:	86	660
Stone	Lime	3	18
	Limestone (Crushed & Broken)	1	109
	Total:	4	127
Operators State Total:		106	1,434
<u>Contractors **</u>			
Coal			12
Metal and Nonmetal			243
<u>Operator & Contractor Totals</u>			
Coal		-	207
Metal and Nonmetal		-	1,482
	Total:	-	1,689

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 - 2003

Missouri

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	2	19
	Total:	2	19
Metals	Lead and/or Zinc Ore	8	547
	Total:	8	547
Non-metals*	Aplite	1	4
	Barite	1	10
	Clay (Common)	8	203
	Clay (Fire)	3	7
	Clay, Ceramic & Refractory, NEC	4	46
	Nonmetallic Minerals, NEC	1	13
	Total:	18	283
Sand & Gravel	Sand & Gravel	103	571
	Total:	103	571
Stone	Cement	5	833
	Granite (Crushed & Broken)	3	183
	Lime	4	699
	Limestone (Crushed & Broken)	219	2,744
	Limestone (Dimension)	7	64
	Marble (Crushed & Broken)	1	6
	Sandstone (Crushed & Broken)	3	69
	Sandstone (Dimension)	1	1
	Stone, Crushed & Broken, NEC	2	14
	Stone, Dimension NEC	2	23
	Traprock (Crushed & Broken)	1	4
	Total:	248	4,640
Operators State Total:		379	6,060
<u>Contractors **</u>			
Coal			202
Metal and Nonmetal			1,041
<u>Operator & Contractor Totals</u>			
Coal		-	221
Metal and Nonmetal		-	7,082
	Total:	-	7,303

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 - 2003

Montana

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	7	761
	Total:	7	761
Metals	Copper Ore	2	164
	Gold (Lode and Placer)	11	400
	Metal Ores, NEC	1	38
	Platinum Group	2	1,357
	Total:	16	1,959
Non-metals*	Gemstones	2	8
	Shale (Common)	1	2
	Talc, Soapstone & Pyrophyllite	5	225
	Total:	8	235
Sand & Gravel	Sand & Gravel	184	702
	Total:	184	702
Stone	Cement	1	86
	Granite (Crushed & Broken)	1	4
	Lime	1	24
	Limestone (Crushed & Broken)	2	97
	Slate (Dimension)	3	14
	Stone, Crushed & Broken, NEC	5	11
	Stone, Dimension NEC	32	160
	Traprock (Crushed & Broken)	1	1
	Total:	46	397
Operators State Total:		261	4,054
<u>Contractors **</u>			
Coal			110
Metal and Nonmetal			594
<u>Operator & Contractor Totals</u>			
Coal		-	871
Metal and Nonmetal		-	3,887
	Total:	-	4,758

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 - 2003

Nebraska

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Uranium	1	50
	Total:	1	50
Non-metals*	Clay (Fire)	1	3
	Total:	1	3
Sand & Gravel	Sand & Gravel	158	587
	Total:	158	587
Stone	Cement	1	151
	Limestone (Crushed & Broken)	9	276
	Stone, Crushed & Broken, NEC	1	3
	Stone, Dimension NEC	1	4
	Total:	12	434
Operators State Total:		172	1,074
<u>Contractors **</u>			
Coal			3
Metal and Nonmetal			156
<u>Operator & Contractor Totals</u>			
Coal		-	3
Metal and Nonmetal		-	1,230
	Total:	-	1,233

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 - 2003

Nevada

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Copper Ore	1	10
	Gold (Lode and Placer)	42	6,406
	Iron Ore	2	8
	Metal Ores, NEC	1	26
	Silver Ores	2	275
	Total:	48	6,725
Non-metals*	Barite	7	138
	Boron Minerals	1	25
	Brucite	1	7
	Chemical and Fertilizer, NEC	1	9
	Clay (Common)	5	44
	Clay, Ceramic & Refractory, NEC	1	7
	Gemstones	1	1
	Gypsum	5	105
	Magnesite	1	77
	Nonmetallic Minerals, NEC	8	273
	Perlite	3	16
	Pumice	1	8
		Total:	35
Sand & Gravel	Sand & Gravel	145	1,076
		Total:	145
Stone	Cement	1	122
	Granite (Crushed & Broken)	1	42
	Lime	2	119
	Limestone (Crushed & Broken)	4	102
	Sandstone (Crushed & Broken)	3	61
	Sandstone (Dimension)	1	5
	Slate (Dimension)	1	12
	Stone, Crushed & Broken, NEC	9	67
	Stone, Dimension NEC	4	10
	Total:	26	540
Operators State Total:		254	9,051
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			1,290
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	10,341
	Total:	-	10,341

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 - 2003

New Hampshire

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Sand & Gravel	Sand & Gravel	98	475
	Total:	98	475
Stone	Granite (Crushed & Broken)	8	72
	Granite (Dimension)	1	33
	Sandstone (Crushed & Broken)	2	12
	Stone, Crushed & Broken, NEC	2	22
	Stone, Dimension NEC	3	19
	Traprock (Crushed & Broken)	4	31
	Total:	20	189
Operators State Total:		118	664
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			61
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	725
	Total:	-	725

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 - 2003

New Jersey

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Zircon	1	21
	Total:	1	21
Non-metals*	Nonmetallic Minerals, NEC	1	50
	Total:	1	50
Sand & Gravel	Sand & Gravel	62	752
	Total:	62	752
Stone	Granite (Crushed & Broken)	7	358
	Limestone (Crushed & Broken)	1	14
	Limestone (Dimension)	1	35
	Sandstone (Crushed & Broken)	1	32
	Slate (Crushed & Broken)	1	4
	Stone, Crushed & Broken, NEC	2	41
	Stone, Dimension NEC	1	8
	Traprock (Crushed & Broken)	11	386
	Total:	25	878
Operators State Total:		89	1,701
<u>Contractors **</u>			
Coal			4
Metal and Nonmetal			159
<u>Operator & Contractor Totals</u>			
Coal		-	4
Metal and Nonmetal		-	1,860
	Total:	-	1,864

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 - 2003

New Mexico

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	7	1,516
	Total:	7	1,516
Metals	Copper Ore	6	617
	Gold (Lode and Placer)	1	9
	Manganese	1	2
	Molybdenum	1	140
	Uranium	1	20
	Total:	10	788
Non-metals*	Clay (Common)	1	5
	Gypsum	2	11
	Leonardite	1	3
	Mica	2	32
	Nonmetallic Minerals, NEC	4	46
	Perlite	3	128
	Potash	5	879
	Pumice	13	63
	Salt (Evaporated)	3	83
	Shale (Common)	1	6
	Total:	35	1,256
Sand & Gravel	Sand & Gravel	112	628
	Total:	112	628
Stone	Cement	1	104
	Limestone (Crushed & Broken)	16	118
	Limestone (Dimension)	1	4
	Marble (Dimension)	1	3
	Sandstone (Crushed & Broken)	3	31
	Stone, Crushed & Broken, NEC	18	143
	Stone, Dimension NEC	4	22
	Total:	44	425
Operators State Total:		208	4,613
<u>Contractors **</u>			
Coal			275
Metal and Nonmetal			351
<u>Operator & Contractor Totals</u>			
Coal		-	1,791
Metal and Nonmetal		-	3,448
	Total:	-	5,239

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 - 2003

New York

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Lead and/or Zinc Ore	1	6
	Metal Ores, NEC	3	74
	Total:	4	80
Non-metals*	Chemical and Fertilizer, NEC	1	73
	Salt (Rock)	3	391
	Shale (Common)	9	149
	Talc, Soapstone & Pyrophyllite	5	114
	Total:	18	727
Sand & Gravel	Sand & Gravel	427	1,733
	Total:	427	1,733
Stone	Cement	5	505
	Granite (Crushed & Broken)	5	112
	Granite (Dimension)	2	70
	Lime	1	7
	Limestone (Crushed & Broken)	64	903
	Limestone (Dimension)	1	17
	Marble (Dimension)	1	4
	Sandstone (Crushed & Broken)	6	34
	Sandstone (Dimension)	12	87
	Slate (Dimension)	8	22
	Stone, Crushed & Broken, NEC	13	112
	Stone, Dimension NEC	17	88
	Traprock (Crushed & Broken)	5	214
	Total:	140	2,175
Operators State Total:		589	4,715
<u>Contractors **</u>			
Coal			22
Metal and Nonmetal			612
<u>Operator & Contractor Totals</u>			
Coal		-	22
Metal and Nonmetal		-	5,327
	Total:	-	5,349

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 - 2003

North Carolina

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Metal Ores, NEC	1	66
	Total:	1	66
Non-metals*	Barite	1	3
	Clay (Common)	14	96
	Clay (Fire)	4	26
	Feldspar	7	193
	Gemstones	1	4
	Gypsum	1	49
	Mica	5	102
	Nonmetallic Minerals, NEC	4	67
	Phosphate Rock	1	401
	Salt (Evaporated)	1	3
	Shale (Common)	5	89
	Talc, Soapstone & Pyrophyllite	2	51
	Total:	46	1,084
Sand & Gravel	Sand & Gravel	97	741
	Total:	97	741
Stone	Granite (Crushed & Broken)	82	1,806
	Granite (Dimension)	2	82
	Limestone (Crushed & Broken)	18	279
	Sandstone (Crushed & Broken)	2	21
	Sandstone (Dimension)	3	31
	Slate (Dimension)	4	25
	Stone, Crushed & Broken, NEC	4	40
	Stone, Dimension NEC	8	182
	Traprock (Crushed & Broken)	5	84
	Total:	128	2,550
Operators State Total:		272	4,441
<u>Contractors **</u>			
Coal			78
Metal and Nonmetal			1,299
<u>Operator & Contractor Totals</u>			
Coal		-	78
Metal and Nonmetal		-	5,740
	Total:	-	5,818

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 - 2003

North Dakota

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	5	921
		Total:	5 921
Non-metals*	Clay (Common)	1	4
	Leonardite	2	22
		Total:	3 26
Sand & Gravel	Sand & Gravel	111	478
		Total:	111 478
Stone	Stone, Crushed & Broken, NEC	1	1
		Total:	1 1
Operators State Total:		120	1,426
<u>Contractors **</u>			
Coal			241
Metal and Nonmetal			121
<u>Operator & Contractor Totals</u>			
Coal		-	1,162
Metal and Nonmetal		-	626
		Total:	- 1,788

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 - 2003

Ohio

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	90	2,588
	Total:	90	2,588
Non-metals*	Clay (Common)	3	28
	Clay (Fire)	3	13
	Clay, Ceramic & Refractory, NEC	3	47
	Gypsum	1	7
	Oil Shale	1	4
	Salt (Rock)	2	309
	Shale (Common)	7	56
	Total:	20	464
Sand & Gravel	Sand & Gravel	198	1,703
	Total:	198	1,703
Stone	Cement	1	104
	Lime	4	129
	Limestone (Crushed & Broken)	108	2,184
	Limestone (Dimension)	3	12
	Sandstone (Crushed & Broken)	13	185
	Sandstone (Dimension)	3	120
	Stone, Dimension NEC	1	6
	Total:	133	2,740
Operators State Total:		441	7,495
<u>Contractors **</u>			
Coal			1,173
Metal and Nonmetal			1,368
<u>Operator & Contractor Totals</u>			
Coal		-	3,761
Metal and Nonmetal		-	6,275
	Total:	-	10,036

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 - 2003

Oklahoma

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	7	148
	Total:	7	148
Non-metals*	Clay (Common)	3	7
	Clay (Fire)	1	6
	Clay, Ceramic & Refractory, NEC	3	11
	Gypsum	9	158
	Mica	2	11
	Nonmetallic Minerals, NEC	1	1
	Shale (Common)	4	31
	Total:	23	225
Sand & Gravel	Sand & Gravel	87	487
	Total:	87	487
Stone	Cement	4	370
	Granite (Crushed & Broken)	3	87
	Granite (Dimension)	1	4
	Lime	2	6
	Limestone (Crushed & Broken)	57	1,328
	Limestone (Dimension)	15	115
	Sandstone (Crushed & Broken)	2	50
	Sandstone (Dimension)	9	59
	Stone, Crushed & Broken, NEC	5	35
	Stone, Dimension NEC	8	57
	Total:	106	2,111
Operators State Total:		223	2,971
<u>Contractors **</u>			
Coal			50
Metal and Nonmetal			475
<u>Operator & Contractor Totals</u>			
Coal		-	198
Metal and Nonmetal		-	3,298
	Total:	-	3,496

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

NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2003

Oregon

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Gold (Lode and Placer)	1	4
	Total:	1	4
Non-metals*	Clay (Common)	3	13
	Nonmetallic Minerals, NEC	6	104
	Oil Shale	1	2
	Perlite	1	23
	Pumice	2	20
	Total:	13	162
Sand & Gravel	Sand & Gravel	93	683
	Total:	93	683
Stone	Cement	1	120
	Granite (Crushed & Broken)	1	2
	Limestone (Crushed & Broken)	1	46
	Stone, Crushed & Broken, NEC	111	620
	Stone, Dimension NEC	2	16
	Traprock (Crushed & Broken)	36	295
	Total:	152	1,099
Operators State Total:		259	1,948
<u>Contractors **</u>			
Coal			3
Metal and Nonmetal			777
<u>Operator & Contractor Totals</u>			
Coal		-	3
Metal and Nonmetal		-	2,725
	Total:	-	2,728

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 - 2003

Pennsylvania

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Anthracite	147	1,133
	Coal, Bituminous	251	5,841
		Total:	6,974
Metals	Chromite	1	2
	Zircon	1	2
		Total:	4
Non-metals*	Clay (Common)	2	3
	Clay (Fire)	2	7
	Clay, Ceramic & Refractory, NEC	1	4
	Magnesite	1	11
	Mica	1	8
	Nonmetallic Minerals, NEC	1	51
	Shale (Common)	6	12
		Total:	96
Sand & Gravel	Sand & Gravel	127	794
			Total:
Stone	Cement	11	1,228
	Granite (Crushed & Broken)	5	125
	Granite (Dimension)	2	5
	Lime	4	115
	Limestone (Crushed & Broken)	122	2,488
	Limestone (Dimension)	6	236
	Marble (Dimension)	1	66
	Sandstone (Crushed & Broken)	42	532
	Sandstone (Dimension)	60	339
	Slate (Crushed & Broken)	15	43
	Slate (Dimension)	14	134
	Stone, Crushed & Broken, NEC	21	233
	Stone, Dimension NEC	53	244
	Traprock (Crushed & Broken)	16	325
		Total:	6,113
Operators State Total:		913	13,981
<u>Contractors **</u>			
Coal			3,628
Metal and Nonmetal			1,928
<u>Operator & Contractor Totals</u>			
Coal		-	10,602
Metal and Nonmetal		-	8,935
		Total:	19,537

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 - 2003

Puerto Rico

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Sand & Gravel	Sand & Gravel	38	431
	Total:	38	431
Stone	Cement	2	386
	Limestone (Crushed & Broken)	28	692
	Limestone (Dimension)	4	32
	Marble (Dimension)	1	5
	Sandstone (Crushed & Broken)	1	33
	Stone, Crushed & Broken, NEC	24	334
	Traprock (Crushed & Broken)	1	55
	Total:	61	1,537
Operators State Total:		99	1,968
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			196
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	2,164
	Total:	-	2,164

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 - 2003

Rhode Island

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Sand & Gravel	Sand & Gravel	20	148
	Total:	20	148
Stone	Granite (Crushed & Broken)	3	27
	Limestone (Crushed & Broken)	1	5
	Stone, Crushed & Broken, NEC	4	35
	Traprock (Crushed & Broken)	1	1
	Total:	9	68
Operators State Total:		29	216
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			7
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	223
	Total:	-	223

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 - 2003

South Carolina

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Gold (Lode and Placer)	1	7
	Total:	1	7
Non-metals*	Boron Minerals	1	27
	Clay (Common)	10	175
	Clay (Fire)	3	9
	Clay, Ceramic & Refractory, NEC	2	28
	Mica	1	8
	Shale (Common)	1	6
	Vermiculite	2	62
	Total:	20	315
Sand & Gravel	Sand & Gravel	59	404
	Total:	59	404
Stone	Cement	3	566
	Granite (Crushed & Broken)	22	496
	Lime	1	19
	Limestone (Crushed & Broken)	6	104
	Stone, Crushed & Broken, NEC	4	46
	Stone, Dimension NEC	3	11
	Total:	39	1,242
Operators State Total:		119	1,968
<u>Contractors **</u>			
Coal			21
Metal and Nonmetal			638
<u>Operator & Contractor Totals</u>			
Coal		-	21
Metal and Nonmetal		-	2,606
	Total:	-	2,627

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 - 2003

South Dakota

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Gold (Lode and Placer)	2	203
	Iron Ore	1	3
	Total:	3	206
Non-metals*	Clay, Ceramic & Refractory, NEC	1	51
	Feldspar	2	7
	Gypsum	1	3
	Mica	2	10
	Nonmetallic Minerals, NEC	1	43
	Total:	7	114
Sand & Gravel	Sand & Gravel	125	552
	Total:	125	552
Stone	Cement	1	173
	Granite (Crushed & Broken)	2	13
	Granite (Dimension)	4	75
	Limestone (Crushed & Broken)	3	94
	Sandstone (Crushed & Broken)	3	100
	Stone, Crushed & Broken, NEC	2	11
	Total:	15	466
Operators State Total:		150	1,338
<u>Contractors **</u>			
Coal			96
Metal and Nonmetal			176
<u>Operator & Contractor Totals</u>			
Coal		-	96
Metal and Nonmetal		-	1,514
	Total:	-	1,610

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 - 2003

Tennessee

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	32	594
	Total:	32	594
Metals	Lead and/or Zinc Ore	8	197
	Total:	8	197
Non-metals*	Barite	1	7
	Clay (Common)	16	303
	Clay (Fire)	1	19
	Clay, Ceramic & Refractory, NEC	2	19
	Total:	20	348
Sand & Gravel	Sand & Gravel	52	407
	Total:	52	407
Stone	Cement	2	227
	Lime	1	75
	Limestone (Crushed & Broken)	125	1,713
	Limestone (Dimension)	1	13
	Marble (Dimension)	3	55
	Sandstone (Crushed & Broken)	4	78
	Sandstone (Dimension)	6	81
	Stone, Crushed & Broken, NEC	6	45
	Stone, Dimension NEC	3	32
	Total:	151	2,319
Operators State Total:		263	3,865
<u>Contractors **</u>			
Coal			222
Metal and Nonmetal			585
<u>Operator & Contractor Totals</u>			
Coal		-	816
Metal and Nonmetal		-	3,856
	Total:	-	4,672

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 - 2003

Texas

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	15	2,377
	Total:	15	2,377
Metals	Alumina (Mill)	2	1,388
	Gold (Lode and Placer)	1	18
	Iron Ore	2	18
	Manganese	2	38
	Uranium	3	13
	Total:	10	1,475
Non-metals*	Barite	8	114
	Clay (Common)	23	446
	Clay (Fire)	8	28
	Clay, Ceramic & Refractory, NEC	4	16
	Gemstones	1	4
	Gypsum	7	109
	Mica	1	6
	Nonmetallic Minerals, NEC	2	9
	Pigment Mineral	1	42
	Salt (Rock)	2	262
	Shale (Common)	2	80
	Talc, Soapstone & Pyrophyllite	6	94
	Total:	65	1,210
Sand & Gravel	Sand & Gravel	306	3,237
	Total:	306	3,237
Stone	Cement	8	1,122
	Granite (Crushed & Broken)	1	8
	Granite (Dimension)	5	133
	Lime	2	115
	Limestone (Crushed & Broken)	159	3,267
	Limestone (Dimension)	47	784
	Marble (Crushed & Broken)	3	20
	Marble (Dimension)	1	7
	Sandstone (Crushed & Broken)	5	107
	Sandstone (Dimension)	7	115
	Slate (Dimension)	1	12
	Stone, Crushed & Broken, NEC	58	587
	Stone, Dimension NEC	29	376
	Traprock (Crushed & Broken)	3	50
	Traprock (Dimension)	3	37
	Total:	332	6,740
Operators State Total:		728	15,039
<u>Contractors **</u>			
Coal			1,631
Metal and Nonmetal			3,516
<u>Operator & Contractor Totals</u>			
Coal		-	4,008
Metal and Nonmetal		-	16,178
	Total:	-	20,186

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 - 2003

Utah

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	23	1,631
	Total:	23	1,631
Metals	Beryl	1	70
	Copper Ore	1	713
	Gold (Lode and Placer)	4	332
	Uranium	1	35
	Total:	7	1,150
Non-metals*	Clay (Common)	2	24
	Fluorspar	1	2
	Gilsonite	3	120
	Gypsum	3	40
	Nonmetallic Minerals, NEC	1	4
	Perlite	1	39
	Phosphate Rock	1	136
	Potash	1	48
	Pumice	1	3
	Salt (Rock)	1	64
	Shale (Common)	6	47
	Total:	21	527
Sand & Gravel	Sand & Gravel	196	1,102
	Total:	196	1,102
Stone	Cement	2	199
	Limestone (Crushed & Broken)	9	132
	Limestone (Dimension)	4	49
	Sandstone (Crushed & Broken)	1	4
	Sandstone (Dimension)	4	33
	Stone, Crushed & Broken, NEC	8	66
	Stone, Dimension NEC	8	57
	Traprock (Dimension)	1	3
	Total:	37	543
Operators State Total:		284	4,953
<u>Contractors **</u>			
Coal			1,046
Metal and Nonmetal			1,553
<u>Operator & Contractor Totals</u>			
Coal		-	2,677
Metal and Nonmetal		-	4,875
	Total:	-	7,552

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 - 2003

Vermont

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Talc, Soapstone & Pyrophyllite	2	65
	Total:	2	65
Sand & Gravel	Sand & Gravel	89	269
	Total:	89	269
Stone	Granite (Crushed & Broken)	2	11
	Granite (Dimension)	3	36
	Limestone (Crushed & Broken)	11	95
	Marble (Crushed & Broken)	2	166
	Marble (Dimension)	6	34
	Sandstone (Crushed & Broken)	2	4
	Sandstone (Dimension)	2	4
	Slate (Crushed & Broken)	3	11
	Slate (Dimension)	33	340
	Stone, Crushed & Broken, NEC	4	10
	Stone, Dimension NEC	9	94
	Traprock (Crushed & Broken)	1	13
	Traprock (Dimension)	1	2
	Total:	79	820
Operators State Total:		170	1,154
<u>Contractors **</u>			
Coal			2
Metal and Nonmetal			116
<u>Operator & Contractor Totals</u>			
Coal		-	2
Metal and Nonmetal		-	1,270
	Total:	-	1,272

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 - 2003

Virgin Islands

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Stone	Limestone (Crushed & Broken)	1	16
	Stone, Crushed & Broken, NEC	1	10
	Traprock (Crushed & Broken)	1	20
	Total:	3	46
Operators State Total:		3	46
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			0
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	46
Total:		-	46

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 - 2003

Virginia

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	185	4,913
	Total:	185	4,913
Metals	Titanium	1	124
	Total:	1	124
Non-metals*	Aplite	1	35
	Clay, Ceramic & Refractory, NEC	3	153
	Gemstones	1	4
	Kyanite	2	126
	Mica	1	5
	Pigment Mineral	1	41
	Shale (Common)	1	43
	Vermiculite	1	28
	Total:	11	435
Sand & Gravel	Sand & Gravel	53	421
	Total:	53	421
Stone	Cement	2	228
	Granite (Crushed & Broken)	35	899
	Granite (Dimension)	2	16
	Lime	1	111
	Limestone (Crushed & Broken)	45	1,019
	Limestone (Dimension)	2	106
	Sandstone (Crushed & Broken)	5	75
	Sandstone (Dimension)	1	9
	Slate (Crushed & Broken)	5	63
	Slate (Dimension)	1	89
	Stone, Crushed & Broken, NEC	8	120
	Stone, Dimension NEC	3	50
	Traprock (Crushed & Broken)	3	111
	Total:	113	2,896
Operators State Total:		363	8,789
<u>Contractors **</u>			
Coal			2,462
Metal and Nonmetal			1,116
<u>Operator & Contractor Totals</u>			
Coal		-	7,375
Metal and Nonmetal		-	4,992
	Total:	-	12,367

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 - 2003

Washington

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	1	577
	Total:	1	577
Metals	Gold (Lode and Placer)	3	81
	Lead and/or Zinc Ore	1	51
	Metal Ores, NEC	3	8
	Uranium - Vanadium Ores	1	11
	Total:	8	151
Non-metals*	Clay (Common)	2	11
	Clay (Fire)	1	5
	Clay, Ceramic & Refractory, NEC	1	5
	Nonmetallic Minerals, NEC	3	67
	Total:	7	88
Sand & Gravel	Sand & Gravel	234	1,447
	Total:	234	1,447
Stone	Cement	3	165
	Granite (Crushed & Broken)	4	24
	Lime	2	67
	Limestone (Crushed & Broken)	13	91
	Limestone (Dimension)	1	2
	Marble (Crushed & Broken)	1	55
	Marble (Dimension)	1	6
	Sandstone (Crushed & Broken)	2	32
	Sandstone (Dimension)	1	3
	Slate (Dimension)	1	10
	Stone, Crushed & Broken, NEC	41	185
	Stone, Dimension NEC	4	31
	Traprock (Crushed & Broken)	45	352
	Traprock (Dimension)	2	17
	Total:	121	1,040
Operators State Total:		371	3,303
<u>Contractors **</u>			
Coal			88
Metal and Nonmetal			338
<u>Operator & Contractor Totals</u>			
Coal		-	665
Metal and Nonmetal		-	3,064
	Total:	-	3,729

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 - 2003

West Virginia

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	413	16,077
	Total:	413	16,077
Metals	Iron Ore	4	28
	Total:	4	28
Non-metals*	Clay (Common)	1	1
	Total:	1	1
Sand & Gravel	Sand & Gravel	6	48
	Total:	6	48
Stone	Cement	1	192
	Granite (Crushed & Broken)	1	54
	Lime	1	4
	Limestone (Crushed & Broken)	25	436
	Limestone (Dimension)	1	49
	Sandstone (Crushed & Broken)	11	163
	Sandstone (Dimension)	1	10
	Total:	41	908
Operators State Total:		465	17,062
<u>Contractors **</u>			
Coal			8,411
Metal and Nonmetal			208
<u>Operator & Contractor Totals</u>			
Coal		-	24,488
Metal and Nonmetal		-	1,193
	Total:	-	25,681

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 - 2003

Wisconsin

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Clay (Fire)	1	11
	Nonmetallic Minerals, NEC	1	25
	Total:	2	36
Sand & Gravel	Sand & Gravel	370	1,414
	Total:	370	1,414
Stone	Granite (Crushed & Broken)	8	177
	Granite (Dimension)	1	3
	Lime	6	141
	Limestone (Crushed & Broken)	152	846
	Limestone (Dimension)	14	475
	Sandstone (Crushed & Broken)	2	40
	Sandstone (Dimension)	3	13
	Stone, Crushed & Broken, NEC	6	17
	Stone, Dimension NEC	8	89
	Traprock (Crushed & Broken)	2	105
	Total:	202	1,906
Operators State Total:		574	3,356
<u>Contractors **</u>			
Coal			216
Metal and Nonmetal			593
<u>Operator & Contractor Totals</u>			
Coal		-	216
Metal and Nonmetal		-	3,949
	Total:	-	4,165

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 - 2003

Wyoming

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	20	4,825
	Total:	20	4,825
Non-metals*	Clay (Common)	19	585
	Clay (Fire)	4	83
	Gypsum	2	14
	Leonardite	2	10
	Nonmetallic Minerals, NEC	1	5
	Oil Shale	1	4
	Shale (Common)	2	5
	Sodium Compounds	1	11
	Trona	5	2,159
	Total:	37	2,876
Sand & Gravel	Sand & Gravel	114	514
	Total:	114	514
Stone	Granite (Crushed & Broken)	1	46
	Lime	1	12
	Limestone (Crushed & Broken)	7	155
	Limestone (Dimension)	1	18
	Marble (Crushed & Broken)	1	28
	Marble (Dimension)	1	6
	Stone, Crushed & Broken, NEC	3	11
	Stone, Dimension NEC	3	16
	Total:	18	292
Operators State Total:		189	8,507
<u>Contractors **</u>			
Coal			1,648
Metal and Nonmetal			589
<u>Operator & Contractor Totals</u>			
Coal		-	6,473
Metal and Nonmetal		-	4,271
	Total:	-	10,744

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 - 2003

U.S. Summary**

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Anthracite	147	1,133
	Coal, Bituminous	1,825	72,753
		Total:	73,886
Metals	Alumina (Mill)	6	2,315
	Aluminum Ore	6	146
	Beryl	1	70
	Chromite	1	2
	Copper Ore	28	5,950
	Gold (Lode and Placer)	114	8,573
	Iron Ore	29	5,844
	Lead and/or Zinc Ore	21	1,012
	Manganese	5	118
	Metal Ores, NEC	15	381
	Molybdenum	5	668
	Platinum Group	3	1,363
	Rare Earths	1	68
	Silver Ores	7	839
	Titanium	3	454
	Uranium	7	156
	Uranium - Vanadium Ores	3	23
	Vanadium	1	75
Zircon	2	23	
		Total:	28,080
Non-metals*	Aplite	2	39
	Asbestos	1	12
	Barite	29	461
	Boron Minerals	4	838
	Brucite	2	9
	Chemical and Fertilizer, NEC	4	126
	Clay (Common)	210	6,426
	Clay (Fire)	56	559
	Clay, Ceramic & Refractory, NEC	43	1,030
	Feldspar	12	237
	Fluorspar	2	12
	Gemstones	25	122
	Gilsonite	3	120
	Gypsum	58	1,047
	Kyanite	2	126
	Leonardite	5	35
	Lithium	1	4
	Magnesite	2	88
	Mica	17	244
	Nonmetallic Minerals, NEC	48	1,305
	Oil Shale	3	10
	Perlite	14	272
	Phosphate Rock	22	2,921
	Pigment Mineral	3	95
	Potash	6	927
	Potash, Soda & Borate Min'ls NEC	1	6
	Pumice	40	278
	Salt (Evaporated)	4	86
	Salt (Rock)	15	1,714
	Shale (Common)	68	784
Sodium Compounds	1	11	

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 - 2003

U.S. Summary** (Contd)

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Sulfur	1	5
	Talc, Soapstone & Pyrophyllite	21	566
	Trona	6	2,165
	Vermiculite	3	90
	Total:	734	22,770
Sand & Gravel	Sand & Gravel	7,070	43,910
	Total:	7,070	43,910
Stone	Cement	104	12,993
	Granite (Crushed & Broken)	307	7,067
	Granite (Dimension)	74	848
	Lime	66	2,556
	Limestone (Crushed & Broken)	2,064	36,038
	Limestone (Dimension)	145	2,612
	Marble (Crushed & Broken)	23	1,133
	Marble (Dimension)	20	234
	Sandstone (Crushed & Broken)	175	2,595
	Sandstone (Dimension)	173	1,514
	Slate (Crushed & Broken)	37	220
	Slate (Dimension)	72	827
	Stone, Crushed & Broken, NEC	621	5,430
	Stone, Dimension NEC	282	2,288
	Traprock (Crushed & Broken)	185	2,940
Traprock (Dimension)	9	112	
Total:	4,357	79,407	
<u>Operator Totals</u>			
Coal		1,972	73,886
Metal and Nonmetal		12,419	174,167
Total:		14,391	248,053
<u>Contractor Totals</u>			
Coal		-	30,938
Metal and Nonmetal		-	41,158
Total:		-	72,096
<u>Operator & Contractor Totals</u>			
Coal		-	104,824
Metal and Nonmetal		-	215,325
Total:		-	320,149

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