

NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 1999

Alabama

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	66	4,337
	Total:	66	4,337
Metals	Metal Ores, NEC	1	4
	Total:	1	4
Non-metals*	Clay (Common)	8	207
	Clay (Fire)	6	96
	Clay, Ceramic & Refractory, NEC	2	9
	Pigment Mineral	1	14
	Shale (Common)	3	5
	Talc, Soapstone & Pyrophyllite	1	17
	Total:	21	348
Sand & Gravel	Sand & Gravel	90	656
	Total:	90	656
Stone	Cement	4	626
	Granite (Crushed & Broken)	1	17
	Lime	4	167
	Limestone (Crushed & Broken)	47	1,257
	Limestone (Dimension)	2	13
	Marble (Crushed & Broken)	3	522
	Marble (Dimension)	2	27
	Sandstone (Crushed & Broken)	6	58
	Sandstone (Dimension)	2	30
	Slate (Crushed & Broken)	4	27
	Stone, Crushed & Broken, NEC	1	2
	Total:	76	2,746
Operators State Total:		254	8,091
<u>Contractors **</u>			
Coal			923
Metal and Nonmetal			1,630
<u>Operator & Contractor Totals</u>			
Coal		-	5,260
Metal and Nonmetal		-	5,384
	Total:	-	10,644

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 - 1999

Alaska

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	1	121
	Total:	1	121
Metals	Gold (Lode and Placer)	23	516
	Lead and/or Zinc Ore	1	213
	Silver Ores	1	266
	Total:	25	995
Sand & Gravel	Sand & Gravel	32	205
	Total:	32	205
Stone	Stone, Crushed & Broken, NEC	6	35
	Stone, Dimension NEC	1	6
	Traprock (Crushed & Broken)	5	24
	Total:	12	65
Operators State Total:		70	1,386
<u>Contractors **</u>			
Coal			1
Metal and Nonmetal			195
<u>Operator & Contractor Totals</u>			
Coal		-	122
Metal and Nonmetal		-	1,460
	Total:	-	1,582

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 - 1999

Arizona

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	3	732
	Total:	3	732
Metals	Copper Ore	26	7,588
	Gold (Lode and Placer)	5	28
	Iron Ore	1	3
	Lead and/or Zinc Ore	1	3
	Silver Ores	1	2
	Total:	34	7,624
Non-metals*	Brucite	1	6
	Chemical and Fertilizer, NEC	1	34
	Clay (Common)	6	32
	Gemstones	1	25
	Gypsum	6	48
	Mica	1	17
	Perlite	1	13
	Pumice	15	69
	Sulfur	1	3
	Vermiculite	1	2
	Total:	34	249
Sand & Gravel	Sand & Gravel	234	2,218
	Total:	234	2,218
Stone	Cement	1	138
	Granite (Crushed & Broken)	12	104
	Granite (Dimension)	4	47
	Lime	2	124
	Limestone (Crushed & Broken)	4	156
	Marble (Crushed & Broken)	4	36
	Marble (Dimension)	1	3
	Sandstone (Crushed & Broken)	2	14
	Sandstone (Dimension)	27	258
	Stone, Crushed & Broken, NEC	10	78
	Stone, Dimension NEC	12	81
	Traprock (Crushed & Broken)	1	5
	Total:	80	1,044
Operators State Total:		385	11,867
<u>Contractors **</u>			
Coal			234
Metal and Nonmetal			2,558
<u>Operator & Contractor Totals</u>			
Coal		-	966
Metal and Nonmetal		-	13,693
	Total:	-	14,659

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 - 1999

Arkansas

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	6	12
	Total:	6	12
Metals	Alumina (Mill)	2	551
	Aluminum Ore	7	162
	Vanadium	1	89
	Total:	10	802
Non-metals*	Clay (Common)	4	58
	Clay (Fire)	1	12
	Gemstones	9	27
	Gypsum	2	60
	Industrial Chemicals, NEC	1	4
	Nonmetallic Minerals, NEC	3	21
	Shale (Common)	1	1
	Total:	21	183
Sand & Gravel	Sand & Gravel	60	511
	Total:	60	511
Stone	Cement	1	167
	Granite (Crushed & Broken)	5	386
	Limestone (Crushed & Broken)	28	449
	Limestone (Dimension)	2	49
	Sandstone (Crushed & Broken)	21	359
	Sandstone (Dimension)	5	39
	Slate (Crushed & Broken)	2	33
	Stone, Crushed & Broken, NEC	12	162
	Stone, Dimension NEC	5	26
	Traprock (Crushed & Broken)	1	41
	Total:	82	1,711
Operators State Total:		179	3,219
<u>Contractors **</u>			
Coal			19
Metal and Nonmetal			275
<u>Operator & Contractor Totals</u>			
Coal		-	31
Metal and Nonmetal		-	3,482
	Total:	-	3,513

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 - 1999

California

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	1	13
	Total:	1	13
Metals	Gold (Lode and Placer)	24	790
	Iron Ore	2	8
	Rare Earths	1	78
	Tungsten	1	17
	Total:	28	893
Non-metals*	Asbestos	2	23
	Barite	1	3
	Boron Minerals	3	897
	Clay (Common)	9	277
	Clay (Fire)	3	40
	Clay, Ceramic & Refractory, NEC	2	21
	Feldspar	3	46
	Gemstones	3	13
	Gypsum	3	51
	Mica	1	1
	Nonmetallic Minerals, NEC	3	497
	Perlite	1	8
	Pumice	12	113
	Shale (Common)	2	78
	Talc, Soapstone & Pyrophyllite	4	23
	Trona	1	6
	Total:	53	2,097
Sand & Gravel	Sand & Gravel	346	4,468
	Total:	346	4,468
Stone	Cement	9	1,305
	Granite (Crushed & Broken)	8	189
	Granite (Dimension)	4	38
	Lime	2	95
	Limestone (Crushed & Broken)	16	728
	Limestone (Dimension)	1	53
	Marble (Crushed & Broken)	1	6
	Sandstone (Crushed & Broken)	6	107
	Slate (Crushed & Broken)	4	31
	Slate (Dimension)	1	43
	Stone, Crushed & Broken, NEC	71	965
	Stone, Dimension NEC	9	90
	Traprock (Crushed & Broken)	2	10
	Total:	134	3,660
Operators State Total:		562	11,131
<u>Contractors **</u>			
Coal			222
Metal and Nonmetal			2,114
<u>Operator & Contractor Totals</u>			
Coal		-	235
Metal and Nonmetal		-	13,232
	Total:	-	13,467

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

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Colorado

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	19	1,913
	Total:	19	1,913
Metals	Gold (Lode and Placer)	6	320
	Lead and/or Zinc Ore	2	38
	Molybdenum	2	619
	Uranium	4	499
	Uranium - Vanadium Ores	1	23
	Total:	15	1,499
Non-metals*	Clay (Common)	4	9
	Clay (Fire)	2	8
	Gemstones	2	6
	Gypsum	1	10
	Perlite	1	5
	Shale (Common)	2	45
	Total:	12	83
Sand & Gravel	Sand & Gravel	283	1,619
	Total:	283	1,619
Stone	Cement	3	382
	Granite (Crushed & Broken)	1	49
	Granite (Dimension)	1	2
	Limestone (Crushed & Broken)	4	48
	Limestone (Dimension)	1	38
	Marble (Dimension)	1	2
	Sandstone (Crushed & Broken)	4	50
	Sandstone (Dimension)	10	113
	Stone, Crushed & Broken, NEC	19	214
	Stone, Dimension NEC	4	34
	Total:	48	932
Operators State Total:		377	6,046
<u>Contractors **</u>			
Coal			682
Metal and Nonmetal			3,108
<u>Operator & Contractor Totals</u>			
Coal		-	2,595
Metal and Nonmetal		-	7,241
	Total:	-	9,836

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

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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	68	328
	Total:	68	328
Stone	Granite (Crushed & Broken)	6	18
	Granite (Dimension)	3	13
	Limestone (Crushed & Broken)	9	187
	Stone, Crushed & Broken, NEC	5	45
	Stone, Dimension NEC	3	20
	Traprock (Crushed & Broken)	11	354
	Total:	37	637
Operators State Total:		106	968
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			55
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	1,023
	Total:	-	1,023

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

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Delaware

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Manganese	1	64
		Total:	64
Sand & Gravel	Sand & Gravel	7	69
		Total:	69
Operators State Total:		8	133
<u>Contractors **</u>			
<u>Operator & Contractor Totals</u>			
Coal		-	#Error
Metal and Nonmetal		-	#Error
		Total:	#Error

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

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Florida

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Titanium	2	385
	Total:	2	385
Non-metals*	Clay (Common)	4	258
	Phosphate Rock	20	2,549
	Total:	24	2,807
Sand & Gravel	Sand & Gravel	65	607
	Total:	65	607
Stone	Cement	6	670
	Lime	2	23
	Limestone (Crushed & Broken)	115	2,953
	Sandstone (Crushed & Broken)	4	31
	Stone, Dimension NEC	3	8
	Total:	130	3,685
Operators State Total:		221	7,484
<u>Contractors **</u>			
Coal			32
Metal and Nonmetal			3,691
<u>Operator & Contractor Totals</u>			
Coal		-	32
Metal and Nonmetal		-	11,175
	Total:	-	11,207

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

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Georgia

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Barite	2	95
	Clay (Common)	48	4,477
	Clay (Fire)	4	121
	Clay, Ceramic & Refractory, NEC	2	88
	Feldspar	2	37
	Mica	1	71
	Shale (Common)	2	3
	Total:		61
Sand & Gravel	Sand & Gravel	42	316
	Total:		42
Stone	Cement	2	262
	Granite (Crushed & Broken)	60	1,588
	Granite (Dimension)	50	339
	Limestone (Crushed & Broken)	17	375
	Marble (Crushed & Broken)	9	322
	Marble (Dimension)	2	36
	Sandstone (Crushed & Broken)	2	39
	Sandstone (Dimension)	1	3
	Slate (Crushed & Broken)	1	6
	Slate (Dimension)	1	4
Total:		145	2,974
Operators State Total:		248	8,182
<u>Contractors **</u>			
Coal			88
Metal and Nonmetal			1,997
<u>Operator & Contractor Totals</u>			
Coal			88
Metal and Nonmetal			10,179
Total:		-	10,267

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

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Hawaii

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Sand & Gravel	Sand & Gravel	4	9
	Total:	4	9
Stone	Limestone (Crushed & Broken)	3	57
	Limestone (Dimension)	1	5
	Stone, Crushed & Broken, NEC	21	207
	Traprock (Crushed & Broken)	5	79
	Total:	30	348
Operators State Total:		34	357
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			3
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	360
	Total:	-	360

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

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Idaho

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Gold (Lode and Placer)	6	180
	Lead and/or Zinc Ore	1	10
	Molybdenum	1	177
	Silver Ores	4	754
	Total:	12	1,121
Non-metals*	Clay (Common)	2	9
	Gemstones	4	51
	Nonmetallic Minerals, NEC	2	5
	Perlite	2	7
	Phosphate Rock	6	442
	Pumice	4	74
Total:	20	588	
Sand & Gravel	Sand & Gravel	121	655
	Total:	121	655
Stone	Cement	1	71
	Lime	2	23
	Limestone (Crushed & Broken)	7	54
	Limestone (Dimension)	1	3
	Sandstone (Crushed & Broken)	1	20
	Sandstone (Dimension)	1	2
	Slate (Dimension)	2	44
	Stone, Crushed & Broken, NEC	18	159
	Stone, Dimension NEC	3	36
	Traprock (Crushed & Broken)	3	16
Traprock (Dimension)	1	3	
Total:	40	431	
Operators State Total:		193	2,795
<u>Contractors **</u>			
Coal			62
Metal and Nonmetal			559
<u>Operator & Contractor Totals</u>			
Coal		-	62
Metal and Nonmetal		-	3,354
Total:		-	3,416

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Illinois

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	48	4,638
	Total:	48	4,638
Metals	Manganese	1	43
	Total:	1	43
Non-metals*	Chemical and Fertilizer, NEC	1	127
	Clay (Common)	1	69
	Clay (Fire)	3	4
	Fluorspar	1	5
	Nonmetallic Minerals, NEC	3	67
	Shale (Common)	1	2
	Total:	10	274
Sand & Gravel	Sand & Gravel	156	1,081
	Total:	156	1,081
Stone	Cement	3	419
	Lime	4	149
	Limestone (Crushed & Broken)	135	2,094
	Limestone (Dimension)	1	13
	Sandstone (Crushed & Broken)	6	306
	Total:	149	2,981
Operators State Total:		364	9,017
<u>Contractors **</u>			
Coal			784
Metal and Nonmetal			668
<u>Operator & Contractor Totals</u>			
Coal		-	5,422
Metal and Nonmetal		-	5,047
	Total:	-	10,469

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

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Indiana

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	49	2,751
	Total:	49	2,751
Non-metals*	Clay (Common)	1	7
	Gypsum	2	81
	Nonmetallic Minerals, NEC	1	5
	Shale (Common)	2	35
	Total:	6	128
Sand & Gravel	Sand & Gravel	156	1,008
	Total:	156	1,008
Stone	Cement	1	16
	Lime	2	80
	Limestone (Crushed & Broken)	95	2,381
	Limestone (Dimension)	9	160
	Stone, Crushed & Broken, NEC	1	12
	Traprock (Crushed & Broken)	1	19
	Total:	109	2,668
Operators State Total:		320	6,555
<u>Contractors **</u>			
Coal			531
Metal and Nonmetal			2,324
<u>Operator & Contractor Totals</u>			
Coal		-	3,282
Metal and Nonmetal		-	6,128
	Total:	-	9,410

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Iowa

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Clay (Common)	2	9
	Clay, Ceramic & Refractory, NEC	1	5
	Gypsum	4	143
	Total:	7	157
Sand & Gravel	Sand & Gravel	123	685
	Total:	123	685
Stone	Cement	3	432
	Lime	2	65
	Limestone (Crushed & Broken)	118	1,513
	Limestone (Dimension)	3	54
	Stone, Crushed & Broken, NEC	1	5
	Stone, Dimension NEC	1	7
Total:	128	2,076	
Operators State Total:		258	2,918
<u>Contractors **</u>			
Coal			10
Metal and Nonmetal			565
<u>Operator & Contractor Totals</u>			
Coal		-	10
Metal and Nonmetal		-	3,483
Total:		-	3,493

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

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Kansas

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	2	18
	Total:	2	18
Non-metals*	Clay (Common)	2	29
	Clay (Fire)	3	8
	Gypsum	3	57
	Perlite	2	13
	Salt (Rock)	3	144
	Shale (Common)	1	4
	Total:	14	255
Sand & Gravel	Sand & Gravel	80	346
	Total:	80	346
Stone	Cement	4	511
	Limestone (Crushed & Broken)	73	929
	Limestone (Dimension)	1	6
	Stone, Crushed & Broken, NEC	4	70
	Stone, Dimension NEC	1	5
	Total:	83	1,521
Operators State Total:		179	2,140
<u>Contractors **</u>			
Coal			23
Metal and Nonmetal			426
<u>Operator & Contractor Totals</u>			
Coal		-	41
Metal and Nonmetal		-	2,548
	Total:	-	2,589

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Kentucky

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	627	18,068
	Total:	627	18,068
Non-metals*	Clay (Common)	8	100
	Shale (Common)	3	8
	Total:	11	108
Sand & Gravel	Sand & Gravel	30	288
	Total:	30	288
Stone	Cement	1	131
	Lime	1	134
	Limestone (Crushed & Broken)	97	2,552
	Stone, Crushed & Broken, NEC	3	44
	Total:	102	2,861
Operators State Total:		770	21,325
<u>Contractors **</u>			
Coal			5,014
Metal and Nonmetal			407
<u>Operator & Contractor Totals</u>			
Coal		-	23,082
Metal and Nonmetal		-	3,664
	Total:	-	26,746

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Louisiana

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	2	176
	Total:	2	176
Metals	Alumina (Mill)	2	754
	Total:	2	754
Non-metals*	Barite	9	115
	Clay (Common)	1	6
	Clay (Fire)	6	144
	Clay, Ceramic & Refractory, NEC	1	6
	Nonmetallic Minerals, NEC	2	40
	Salt (Rock)	3	562
	Total:	22	873
Sand & Gravel	Sand & Gravel	123	811
	Total:	123	811
Stone	Lime	1	17
	Sandstone (Crushed & Broken)	7	31
	Stone, Crushed & Broken, NEC	1	9
	Total:	9	57
Operators State Total:		158	2,671
<u>Contractors **</u>			
Coal			346
Metal and Nonmetal			888
<u>Operator & Contractor Totals</u>			
Coal		-	522
Metal and Nonmetal		-	3,383
	Total:	-	3,905

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Maine

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Sand & Gravel	Sand & Gravel	115	454
	Total:	115	454
Stone	Cement	1	96
	Granite (Crushed & Broken)	2	14
	Granite (Dimension)	3	13
	Limestone (Crushed & Broken)	3	27
	Slate (Dimension)	1	5
	Stone, Crushed & Broken, NEC	4	23
	Stone, Dimension NEC	1	1
	Traprock (Crushed & Broken)	5	40
	Total:	20	219
Operators State Total:		135	673
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			72
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	745
	Total:	-	745

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NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 1999

Maryland

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	19	475
	Total:	19	475
Non-metals*	Clay (Common)	1	2
	Shale (Common)	1	2
	Total:	2	4
Sand & Gravel	Sand & Gravel	32	400
	Total:	32	400
Stone	Cement	4	468
	Granite (Crushed & Broken)	2	86
	Lime	2	23
	Limestone (Crushed & Broken)	16	422
	Sandstone (Crushed & Broken)	4	18
	Sandstone (Dimension)	2	42
	Stone, Crushed & Broken, NEC	2	32
	Stone, Dimension NEC	4	37
	Traprock (Crushed & Broken)	2	120
	Traprock (Dimension)	1	33
	Total:	39	1,281
Operators State Total:		92	2,160
<u>Contractors **</u>			
Coal			591
Metal and Nonmetal			162
<u>Operator & Contractor Totals</u>			
Coal		-	1,066
Metal and Nonmetal		-	1,847
	Total:	-	2,913

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 - 1999

Massachusetts

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Clay (Common)	1	3
	Shale (Common)	1	16
	Total:	2	19
Sand & Gravel	Sand & Gravel	107	599
	Total:	107	599
Stone	Granite (Crushed & Broken)	7	78
	Granite (Dimension)	3	49
	Limestone (Crushed & Broken)	4	253
	Slate (Dimension)	1	4
	Stone, Crushed & Broken, NEC	10	74
	Stone, Dimension NEC	1	22
	Traprock (Crushed & Broken)	19	305
	Traprock (Dimension)	1	18
	Total:	46	803
Operators State Total:		155	1,421
<u>Contractors **</u>			
Coal			2
Metal and Nonmetal			179
<u>Operator & Contractor Totals</u>			
Coal		-	2
Metal and Nonmetal		-	1,600
	Total:	-	1,602

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 - 1999

Michigan

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Alumina (Mill)	1	4
	Copper Ore	3	33
	Iron Ore	2	1,742
	Total:	6	1,779
Non-metals*	Gypsum	4	160
	Salt (Rock)	1	45
	Shale (Common)	2	7
	Total:	7	212
Sand & Gravel	Sand & Gravel	426	2,130
	Total:	426	2,130
Stone	Cement	2	137
	Lime	2	85
	Limestone (Crushed & Broken)	22	1,359
	Sandstone (Crushed & Broken)	1	14
	Sandstone (Dimension)	1	11
	Stone, Crushed & Broken, NEC	2	12
	Total:	30	1,618
Operators State Total:		469	5,739
<u>Contractors **</u>			
Coal			19
Metal and Nonmetal			759
<u>Operator & Contractor Totals</u>			
Coal		-	19
Metal and Nonmetal		-	6,498
Total:		-	6,517

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 - 1999

Minnesota

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Iron Ore	14	5,658
	Total:	14	5,658
Non-metals*	Chemical and Fertilizer, NEC	1	15
	Clay (Common)	2	16
	Clay (Fire)	2	7
	Nonmetallic Minerals, NEC	1	3
	Total:	6	41
Sand & Gravel	Sand & Gravel	340	1,422
	Total:	340	1,422
Stone	Granite (Crushed & Broken)	4	78
	Granite (Dimension)	10	92
	Limestone (Crushed & Broken)	35	325
	Limestone (Dimension)	2	41
	Sandstone (Crushed & Broken)	2	65
	Stone, Crushed & Broken, NEC	3	43
	Stone, Dimension NEC	2	11
	Total:	58	655
Operators State Total:		418	7,776
<u>Contractors **</u>			
Coal			103
Metal and Nonmetal			1,214
<u>Operator & Contractor Totals</u>			
Coal		-	103
Metal and Nonmetal		-	8,990
	Total:	-	9,093

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 - 1999

Mississippi

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	1	45
	Total:	1	45
Non-metals*	Clay (Common)	14	482
	Clay (Fire)	4	14
	Total:	18	496
Sand & Gravel	Sand & Gravel	104	843
	Total:	104	843
Stone	Lime	3	14
	Limestone (Crushed & Broken)	2	126
	Stone, Crushed & Broken, NEC	1	2
	Total:	6	142
Operators State Total:		129	1,526
<u>Contractors **</u>			
Coal			11
Metal and Nonmetal			142
<u>Operator & Contractor Totals</u>			
Coal		-	56
Metal and Nonmetal		-	1,623
	Total:	-	1,679

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 - 1999

Missouri

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	2	57
	Total:	2	57
Metals	Iron Ore	1	106
	Lead and/or Zinc Ore	10	817
	Total:	11	923
Non-metals*	Barite	1	22
	Clay (Common)	5	170
	Clay (Fire)	4	45
	Clay, Ceramic & Refractory, NEC	3	11
	Nonmetallic Minerals, NEC	1	14
	Total:	14	262
Sand & Gravel	Sand & Gravel	99	568
	Total:	99	568
Stone	Cement	5	870
	Granite (Crushed & Broken)	3	184
	Granite (Dimension)	1	15
	Lime	4	939
	Limestone (Crushed & Broken)	208	3,052
	Limestone (Dimension)	4	37
	Sandstone (Crushed & Broken)	3	72
	Sandstone (Dimension)	1	1
	Stone, Crushed & Broken, NEC	4	44
	Stone, Dimension NEC	1	6
	Traprock (Crushed & Broken)	1	3
	Total:	235	5,223
Operators State Total:		361	7,033
<u>Contractors **</u>			
Coal			169
Metal and Nonmetal			1,197
<u>Operator & Contractor Totals</u>			
Coal		-	226
Metal and Nonmetal		-	8,173
	Total:	-	8,399

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 - 1999

Montana

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	6	928
	Total:	6	928
Metals	Copper Ore	2	340
	Gold (Lode and Placer)	13	489
	Iron Ore	1	1
	Platinum Group	2	889
	Total:	18	1,719
Non-metals*	Gemstones	3	24
	Phosphate Rock	1	4
	Shale (Common)	1	2
	Talc, Soapstone & Pyrophyllite	7	275
	Total:	12	305
Sand & Gravel	Sand & Gravel	187	686
	Total:	187	686
Stone	Cement	1	100
	Lime	1	30
	Limestone (Crushed & Broken)	2	107
	Stone, Crushed & Broken, NEC	2	12
	Stone, Dimension NEC	5	14
	Traprock (Crushed & Broken)	1	1
	Traprock (Dimension)	1	3
	Total:	13	267
Operators State Total:		236	3,905
<u>Contractors **</u>			
Coal			52
Metal and Nonmetal			528
<u>Operator & Contractor Totals</u>			
Coal		-	980
Metal and Nonmetal		-	3,505
	Total:	-	4,485

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 - 1999

Nebraska

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Uranium	1	44
	Total:	1	44
Non-metals*	Clay (Fire)	2	3
	Talc, Soapstone & Pyrophyllite	1	30
	Total:	3	33
Sand & Gravel	Sand & Gravel	169	638
	Total:	169	638
Stone	Cement	1	147
	Limestone (Crushed & Broken)	10	250
	Stone, Crushed & Broken, NEC	1	2
	Stone, Dimension NEC	2	8
	Total:	14	407
Operators State Total:		187	1,122
<u>Contractors **</u>			
Coal			1
Metal and Nonmetal			180
<u>Operator & Contractor Totals</u>			
Coal		-	1
Metal and Nonmetal		-	1,302
	Total:	-	1,303

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 - 1999

Nevada

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Copper Ore	2	67
	Gold (Lode and Placer)	59	8,205
	Iron Ore	1	2
	Lead and/or Zinc Ore	1	2
	Rare Earths	2	8
	Silver Ores	5	612
	Total:	70	8,896
Non-metals*	Barite	5	108
	Boron Minerals	1	27
	Clay (Common)	4	51
	Clay, Ceramic & Refractory, NEC	1	2
	Gypsum	6	74
	Magnesite	1	76
	Nonmetallic Minerals, NEC	9	298
	Perlite	3	14
	Pumice	1	7
	Talc, Soapstone & Pyrophyllite	1	2
	Total:	32	659
Sand & Gravel	Sand & Gravel	132	1,179
	Total:	132	1,179
Stone	Cement	2	156
	Granite (Crushed & Broken)	2	23
	Lime	2	101
	Limestone (Crushed & Broken)	5	75
	Sandstone (Crushed & Broken)	4	66
	Slate (Dimension)	1	9
	Stone, Crushed & Broken, NEC	3	39
	Stone, Dimension NEC	4	14
	Total:	23	483
Operators State Total:		257	11,217
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			1,642
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	12,859
	Total:	-	12,859

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 - 1999

New Hampshire

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Sand & Gravel	Sand & Gravel	81	406
	Total:	81	406
Stone	Granite (Crushed & Broken)	7	62
	Granite (Dimension)	4	44
	Sandstone (Crushed & Broken)	2	8
	Stone, Crushed & Broken, NEC	2	26
	Traprock (Crushed & Broken)	4	29
	Total:	19	169
Operators State Total:		100	575
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			43
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	618
	Total:	-	618

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 - 1999

New Jersey

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Zircon	1	26
	Total:	1	26
Non-metals*	Nonmetallic Minerals, NEC	1	60
	Shale (Common)	1	4
	Total:	2	64
Sand & Gravel	Sand & Gravel	65	773
	Total:	65	773
Stone	Granite (Crushed & Broken)	7	411
	Limestone (Crushed & Broken)	2	88
	Sandstone (Crushed & Broken)	1	63
	Traprock (Crushed & Broken)	12	463
	Total:	22	1,025
Operators State Total:		90	1,888
<u>Contractors **</u>			
Coal			1
Metal and Nonmetal			164
<u>Operator & Contractor Totals</u>			
Coal		-	1
Metal and Nonmetal		-	2,052
	Total:	-	2,053

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 - 1999

New Mexico

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	7	1,693
	Total:	7	1,693
Metals	Copper Ore	8	1,173
	Gold (Lode and Placer)	3	13
	Manganese	1	3
	Molybdenum	1	145
	Uranium	1	29
	Total:	14	1,363
Non-metals*	Clay (Common)	1	4
	Gypsum	2	11
	Mica	2	39
	Nonmetallic Minerals, NEC	10	114
	Perlite	5	174
	Potash	7	1,311
	Pumice	10	44
	Salt (Evaporated)	4	110
	Shale (Common)	1	4
	Total:	42	1,811
Sand & Gravel	Sand & Gravel	115	760
	Total:	115	760
Stone	Cement	1	102
	Limestone (Crushed & Broken)	19	106
	Limestone (Dimension)	1	8
	Marble (Dimension)	1	3
	Stone, Crushed & Broken, NEC	14	117
	Stone, Dimension NEC	5	22
	Total:	41	358
Operators State Total:		219	5,985
<u>Contractors **</u>			
Coal			264
Metal and Nonmetal			721
<u>Operator & Contractor Totals</u>			
Coal		-	1,957
Metal and Nonmetal		-	5,013
	Total:	-	6,970

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 - 1999

New York

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Iron Ore	1	2
	Lead and/or Zinc Ore	2	187
	Total:	3	189
Non-metals*	Clay (Common)	1	2
	Gypsum	1	18
	Nonmetallic Minerals, NEC	4	166
	Salt (Rock)	2	254
	Shale (Common)	9	128
	Talc, Soapstone & Pyrophyllite	5	144
	Total:	22	712
Sand & Gravel	Sand & Gravel	480	2,177
	Total:	480	2,177
Stone	Cement	2	256
	Granite (Crushed & Broken)	6	130
	Granite (Dimension)	4	75
	Lime	1	8
	Limestone (Crushed & Broken)	69	1,227
	Sandstone (Crushed & Broken)	3	21
	Sandstone (Dimension)	12	340
	Slate (Dimension)	6	22
	Stone, Crushed & Broken, NEC	11	113
	Stone, Dimension NEC	11	42
Traprock (Crushed & Broken)	6	224	
	Total:	131	2,458
Operators State Total:		636	5,536
<u>Contractors **</u>			
Coal			41
Metal and Nonmetal			655
<u>Operator & Contractor Totals</u>			
Coal		-	41
Metal and Nonmetal		-	6,191
	Total:	-	6,232

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 - 1999

North Carolina

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Metal Ores, NEC	1	55
	Total:	1	55
Non-metals*	Barite	1	4
	Clay (Common)	16	150
	Clay (Fire)	4	30
	Feldspar	9	246
	Mica	8	249
	Nonmetallic Minerals, NEC	3	33
	Phosphate Rock	1	479
	Shale (Common)	3	12
	Talc, Soapstone & Pyrophyllite	2	61
	Total:	47	1,264
Sand & Gravel	Sand & Gravel	100	660
	Total:	100	660
Stone	Granite (Crushed & Broken)	77	1,778
	Granite (Dimension)	10	234
	Lime	1	6
	Limestone (Crushed & Broken)	17	270
	Sandstone (Crushed & Broken)	2	17
	Sandstone (Dimension)	3	19
	Slate (Crushed & Broken)	1	74
	Slate (Dimension)	4	33
	Stone, Crushed & Broken, NEC	3	33
	Stone, Dimension NEC	6	69
	Traprock (Crushed & Broken)	5	88
	Total:	129	2,621
Operators State Total:		277	4,600
<u>Contractors **</u>			
Coal			175
Metal and Nonmetal			1,403
<u>Operator & Contractor Totals</u>			
Coal		-	175
Metal and Nonmetal		-	6,003
	Total:	-	6,178

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 - 1999

North Dakota

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	5	932
		Total:	5 932
Non-metals*	Clay (Common)	1	4
	Leonardite	2	22
		Total:	3 26
Sand & Gravel	Sand & Gravel	109	495
		Total:	109 495
Stone	Stone, Crushed & Broken, NEC	1	3
		Total:	1 3
Operators State Total:		118	1,456
<u>Contractors **</u>			
Coal			74
Metal and Nonmetal			41
<u>Operator & Contractor Totals</u>			
Coal		-	1,006
Metal and Nonmetal		-	565
		Total:	- 1,571

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 - 1999

Ohio

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	114	3,337
	Total:	114	3,337
Non-metals*	Clay (Common)	4	36
	Clay (Fire)	4	48
	Clay, Ceramic & Refractory, NEC	2	9
	Gypsum	1	12
	Salt (Rock)	2	421
	Shale (Common)	9	61
	Talc, Soapstone & Pyrophyllite	1	6
	Total:	23	593
Sand & Gravel	Sand & Gravel	210	1,889
	Total:	210	1,889
Stone	Cement	1	137
	Lime	4	147
	Limestone (Crushed & Broken)	106	2,437
	Limestone (Dimension)	3	17
	Sandstone (Crushed & Broken)	14	237
	Sandstone (Dimension)	3	138
	Stone, Dimension NEC	1	9
	Total:	132	3,122
Operators State Total:		479	8,941
<u>Contractors **</u>			
Coal			1,400
Metal and Nonmetal			1,429
<u>Operator & Contractor Totals</u>			
Coal		-	4,737
Metal and Nonmetal		-	7,033
	Total:	-	11,770

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 - 1999

Oklahoma

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	11	214
	Total:	11	214
Non-metals*	Clay (Common)	6	28
	Clay (Fire)	1	4
	Clay, Ceramic & Refractory, NEC	1	3
	Gypsum	14	178
	Nonmetallic Minerals, NEC	1	2
	Shale (Common)	3	15
	Total:	26	230
Sand & Gravel	Sand & Gravel	71	489
	Total:	71	489
Stone	Cement	4	413
	Granite (Crushed & Broken)	5	76
	Granite (Dimension)	2	13
	Limestone (Crushed & Broken)	55	1,259
	Limestone (Dimension)	9	52
	Sandstone (Crushed & Broken)	2	44
	Sandstone (Dimension)	4	34
	Stone, Dimension NEC	2	19
	Total:	83	1,910
Operators State Total:		191	2,843
<u>Contractors **</u>			
Coal			42
Metal and Nonmetal			218
<u>Operator & Contractor Totals</u>			
Coal		-	256
Metal and Nonmetal		-	2,847
	Total:	-	3,103

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 - 1999

Oregon

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Nickel	1	12
	Total:	1	12
Non-metals*	Clay (Common)	2	11
	Nonmetallic Minerals, NEC	5	99
	Perlite	2	15
	Pumice	3	31
	Total:	12	156
Sand & Gravel	Sand & Gravel	94	839
	Total:	94	839
Stone	Cement	1	131
	Lime	1	50
	Slate (Crushed & Broken)	1	8
	Stone, Crushed & Broken, NEC	98	627
	Stone, Dimension NEC	2	14
	Traprock (Crushed & Broken)	41	461
	Traprock (Dimension)	2	13
	Total:	146	1,304
Operators State Total:		253	2,311
<u>Contractors **</u>			
Coal			7
Metal and Nonmetal			205
<u>Operator & Contractor Totals</u>			
Coal		-	7
Metal and Nonmetal		-	2,516
	Total:	-	2,523

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 - 1999

Pennsylvania

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Anthracite	195	1,749
	Coal, Bituminous	320	7,993
		Total:	9,742
Metals	Chromite	1	4
	Zircon	1	3
		Total:	7
Non-metals*	Clay (Common)	3	8
	Clay (Fire)	2	8
	Clay, Ceramic & Refractory, NEC	1	3
	Magnesite	1	13
	Nonmetallic Minerals, NEC	2	92
	Shale (Common)	5	9
		Total:	133
Sand & Gravel	Sand & Gravel	121	935
			Total:
Stone	Cement	11	1,254
	Granite (Crushed & Broken)	3	48
	Lime	8	637
	Limestone (Crushed & Broken)	126	2,638
	Limestone (Dimension)	2	8
	Sandstone (Crushed & Broken)	36	527
	Sandstone (Dimension)	9	150
	Slate (Crushed & Broken)	1	7
	Slate (Dimension)	5	136
	Stone, Crushed & Broken, NEC	14	171
	Stone, Dimension NEC	45	221
	Traprock (Crushed & Broken)	12	314
		Total:	6,111
Operators State Total:		924	16,928
<u>Contractors **</u>			
Coal			3,455
Metal and Nonmetal			1,391
<u>Operator & Contractor Totals</u>			
Coal		-	13,197
Metal and Nonmetal		-	8,577
		Total:	21,774

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 - 1999

Puerto Rico

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Sand & Gravel	Sand & Gravel	52	588
	Total:	52	588
Stone	Cement	2	492
	Limestone (Crushed & Broken)	27	733
	Limestone (Dimension)	1	9
	Marble (Dimension)	2	27
	Sandstone (Crushed & Broken)	1	35
	Stone, Crushed & Broken, NEC	32	348
	Stone, Dimension NEC	1	5
	Traprock (Crushed & Broken)	1	67
	Total:	67	1,716
Operators State Total:		119	2,304
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			119
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	2,423
	Total:	-	2,423

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 - 1999

Rhode Island

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Sand & Gravel	Sand & Gravel	17	124
	Total:	17	124
Stone	Granite (Crushed & Broken)	3	26
	Limestone (Crushed & Broken)	1	7
	Stone, Crushed & Broken, NEC	3	32
	Traprock (Crushed & Broken)	1	5
	Total:	8	70
Operators State Total:		25	194
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			9
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	203
	Total:	-	203

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 - 1999

South Carolina

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Gold (Lode and Placer)	3	181
	Manganese	1	3
	Total:	4	184
Non-metals*	Boron Minerals	1	38
	Clay (Common)	11	172
	Clay (Fire)	3	8
	Clay, Ceramic & Refractory, NEC	1	26
	Feldspar	1	6
	Mica	1	9
	Shale (Common)	1	7
	Vermiculite	2	108
	Total:	21	374
Sand & Gravel	Sand & Gravel	66	468
	Total:	66	468
Stone	Cement	3	545
	Granite (Crushed & Broken)	26	568
	Granite (Dimension)	2	10
	Lime	3	53
	Limestone (Crushed & Broken)	5	76
	Stone, Crushed & Broken, NEC	2	20
	Stone, Dimension NEC	1	4
	Total:	42	1,276
Operators State Total:		133	2,302
<u>Contractors **</u>			
Coal			2
Metal and Nonmetal			886
<u>Operator & Contractor Totals</u>			
Coal		-	2
Metal and Nonmetal		-	3,188
	Total:	-	3,190

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 - 1999

South Dakota

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Gold (Lode and Placer)	3	515
	Iron Ore	1	8
	Total:	4	523
Non-metals*	Clay (Common)	1	57
	Feldspar	2	9
	Gypsum	1	3
	Mica	2	10
	Shale (Common)	1	4
	Total:	7	83
Sand & Gravel	Sand & Gravel	99	406
	Total:	99	406
Stone	Cement	1	209
	Granite (Crushed & Broken)	2	9
	Granite (Dimension)	6	96
	Limestone (Crushed & Broken)	3	103
	Sandstone (Crushed & Broken)	3	90
	Stone, Crushed & Broken, NEC	2	9
	Stone, Dimension NEC	2	8
	Total:	19	524
Operators State Total:		129	1,536
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			277
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	1,813
	Total:	-	1,813

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 - 1999

Tennessee

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	33	613
	Total:	33	613
Metals	Lead and/or Zinc Ore	9	684
	Total:	9	684
Non-metals*	Barite	1	4
	Clay (Common)	18	358
	Clay (Fire)	1	7
	Clay, Ceramic & Refractory, NEC	1	8
	Total:	21	377
Sand & Gravel	Sand & Gravel	61	506
	Total:	61	506
Stone	Cement	2	209
	Lime	2	96
	Limestone (Crushed & Broken)	123	2,076
	Limestone (Dimension)	1	16
	Marble (Dimension)	3	38
	Sandstone (Crushed & Broken)	2	52
	Sandstone (Dimension)	4	71
	Stone, Crushed & Broken, NEC	3	34
	Stone, Dimension NEC	1	10
	Total:	141	2,602
Operators State Total:		265	4,782
<u>Contractors **</u>			
Coal			659
Metal and Nonmetal			366
<u>Operator & Contractor Totals</u>			
Coal		-	1,272
Metal and Nonmetal		-	4,535
	Total:	-	5,807

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 - 1999

Texas

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	16	2,476
	Total:	16	2,476
Metals	Alumina (Mill)	2	1,915
	Gold (Lode and Placer)	1	7
	Iron Ore	3	54
	Manganese	2	39
	Uranium	3	53
	Total:	11	2,068
Non-metals*	Barite	8	101
	Clay (Common)	25	455
	Clay (Fire)	8	33
	Clay, Ceramic & Refractory, NEC	2	28
	Gypsum	7	120
	Nonmetallic Minerals, NEC	1	31
	Oil Sand	1	3
	Perlite	1	1
	Pigment Mineral	1	43
	Salt (Rock)	2	307
	Shale (Common)	2	84
	Talc, Soapstone & Pyrophyllite	6	65
	Total:	64	1,271
Sand & Gravel	Sand & Gravel	310	3,109
	Total:	310	3,109
Stone	Cement	9	1,156
	Granite (Crushed & Broken)	1	4
	Granite (Dimension)	6	55
	Lime	2	109
	Limestone (Crushed & Broken)	132	3,264
	Limestone (Dimension)	34	577
	Marble (Crushed & Broken)	3	46
	Sandstone (Crushed & Broken)	5	93
	Sandstone (Dimension)	3	62
	Slate (Dimension)	1	14
	Stone, Crushed & Broken, NEC	54	453
	Stone, Dimension NEC	14	137
	Traprock (Crushed & Broken)	3	30
	Traprock (Dimension)	1	7
	Total:	268	6,007
Operators State Total:		669	14,931
<u>Contractors **</u>			
Coal			927
Metal and Nonmetal			2,757
<u>Operator & Contractor Totals</u>			
Coal		-	3,403
Metal and Nonmetal		-	15,212
	Total:	-	18,615

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 - 1999

Utah

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	25	1,896
	Total:	25	1,896
Metals	Beryl	1	97
	Copper Ore	3	1,227
	Gold (Lode and Placer)	6	411
	Silver Ores	2	13
	Uranium	3	103
	Total:	15	1,851
Non-metals*	Clay (Common)	5	52
	Gemstones	2	11
	Gilsonite	3	112
	Gypsum	6	54
	Oil Shale	1	5
	Perlite	1	9
	Phosphate Rock	1	130
	Pumice	3	10
	Salt (Evaporated)	1	50
	Salt (Rock)	1	46
	Shale (Common)	6	64
	Total:	30	543
Sand & Gravel	Sand & Gravel	193	1,173
	Total:	193	1,173
Stone	Cement	2	221
	Granite (Dimension)	1	18
	Limestone (Crushed & Broken)	9	131
	Limestone (Dimension)	2	19
	Sandstone (Crushed & Broken)	2	6
	Sandstone (Dimension)	3	11
	Stone, Crushed & Broken, NEC	2	29
	Stone, Dimension NEC	2	15
	Total:	23	450
Operators State Total:		286	5,913
<u>Contractors **</u>			
Coal			1,249
Metal and Nonmetal			1,875
<u>Operator & Contractor Totals</u>			
Coal		-	3,145
Metal and Nonmetal		-	5,892
	Total:	-	9,037

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 - 1999

Vermont

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Talc, Soapstone & Pyrophyllite	2	64
	Total:	2	64
Sand & Gravel	Sand & Gravel	93	296
	Total:	93	296
Stone	Granite (Crushed & Broken)	4	11
	Granite (Dimension)	6	127
	Limestone (Crushed & Broken)	11	122
	Marble (Crushed & Broken)	4	159
	Marble (Dimension)	4	27
	Sandstone (Dimension)	1	2
	Slate (Crushed & Broken)	3	10
	Slate (Dimension)	40	416
	Stone, Crushed & Broken, NEC	4	11
	Stone, Dimension NEC	6	14
	Traprock (Crushed & Broken)	1	5
	Total:	84	904
Operators State Total:		179	1,264
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			311
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	1,575
	Total:	-	1,575

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 - 1999

Virgin Islands

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Alumina (Mill)	1	349
	Total:	1	349
Stone	Limestone (Crushed & Broken)	1	20
	Stone, Crushed & Broken, NEC	1	10
	Traprock (Crushed & Broken)	1	15
	Total:	3	45
Operators State Total:		4	394
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			0
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	394
	Total:	-	394

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 - 1999

Virginia

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	224	5,905
	Total:	224	5,905
Metals	Titanium	1	79
	Total:	1	79
Non-metals*	Aplite	1	31
	Clay (Common)	3	56
	Clay (Fire)	1	91
	Gemstones	1	3
	Gypsum	1	65
	Kyanite	3	156
	Pigment Mineral	1	40
	Shale (Common)	7	87
	Vermiculite	1	28
	Total:	19	557
Sand & Gravel	Sand & Gravel	52	425
	Total:	52	425
Stone	Cement	2	213
	Granite (Crushed & Broken)	31	759
	Granite (Dimension)	1	12
	Lime	3	278
	Limestone (Crushed & Broken)	49	1,197
	Sandstone (Crushed & Broken)	6	78
	Slate (Dimension)	2	129
	Stone, Crushed & Broken, NEC	6	123
	Traprock (Crushed & Broken)	6	208
	Total:	106	2,997
Operators State Total:		402	9,963
<u>Contractors **</u>			
Coal			2,054
Metal and Nonmetal			1,354
<u>Operator & Contractor Totals</u>			
Coal		-	7,959
Metal and Nonmetal		-	5,412
	Total:	-	13,371

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 - 1999

Washington

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	2	521
	Total:	2	521
Metals	Gold (Lode and Placer)	4	176
	Lead and/or Zinc Ore	1	9
	Metal Ores, NEC	1	1
	Uranium - Vanadium Ores	1	21
	Total:	7	207
Non-metals*	Clay (Common)	3	11
	Nonmetallic Minerals, NEC	2	73
	Total:	5	84
Sand & Gravel	Sand & Gravel	217	1,604
	Total:	217	1,604
Stone	Cement	3	179
	Lime	1	30
	Limestone (Crushed & Broken)	10	131
	Marble (Crushed & Broken)	1	60
	Sandstone (Crushed & Broken)	2	27
	Sandstone (Dimension)	1	2
	Stone, Crushed & Broken, NEC	24	160
	Stone, Dimension NEC	2	9
	Traprock (Crushed & Broken)	55	490
	Traprock (Dimension)	3	7
	Total:	102	1,095
Operators State Total:		333	3,511
<u>Contractors **</u>			
Coal			65
Metal and Nonmetal			514
<u>Operator & Contractor Totals</u>			
Coal		-	586
Metal and Nonmetal		-	3,504
	Total:	-	4,090

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 - 1999

West Virginia

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	479	16,907
		Total:	479 16,907
Metals	Iron Ore	4	29
		Total:	4 29
Non-metals*	Clay (Common)	1	3
		Total:	1 3
Sand & Gravel	Sand & Gravel	7	48
		Total:	7 48
Stone	Cement	1	213
	Lime	1	53
	Limestone (Crushed & Broken)	31	565
	Sandstone (Crushed & Broken)	11	177
		Total:	44 1,008
Operators State Total:		535	17,995
<u>Contractors **</u>			
Coal			9,392
Metal and Nonmetal			230
<u>Operator & Contractor Totals</u>			
Coal		-	26,299
Metal and Nonmetal		-	1,318
		Total:	- 27,617

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 - 1999

Wisconsin

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Clay (Fire)	1	10
	Nonmetallic Minerals, NEC	1	12
	Total:	2	22
Sand & Gravel	Sand & Gravel	361	1,517
	Total:	361	1,517
Stone	Granite (Crushed & Broken)	9	45
	Granite (Dimension)	5	44
	Lime	6	152
	Limestone (Crushed & Broken)	136	945
	Limestone (Dimension)	14	321
	Sandstone (Crushed & Broken)	7	137
	Stone, Crushed & Broken, NEC	2	12
	Stone, Dimension NEC	6	51
	Traprock (Crushed & Broken)	2	131
	Total:	187	1,838
Operators State Total:		550	3,377
<u>Contractors **</u>			
Coal			187
Metal and Nonmetal			628
<u>Operator & Contractor Totals</u>			
Coal		-	187
Metal and Nonmetal		-	4,005
	Total:	-	4,192

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 - 1999

Wyoming

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	23	4,417
	Total:	23	4,417
Metals	Uranium	5	201
	Total:	5	201
Non-metals*	Clay (Common)	18	523
	Clay (Fire)	3	64
	Gypsum	2	17
	Leonardite	2	11
	Nonmetallic Minerals, NEC	1	59
	Trona	6	2,727
	Total:	32	3,401
Sand & Gravel	Sand & Gravel	78	375
	Total:	78	375
Stone	Granite (Crushed & Broken)	1	55
	Granite (Dimension)	1	7
	Lime	1	13
	Limestone (Crushed & Broken)	4	151
	Limestone (Dimension)	1	15
	Marble (Crushed & Broken)	1	27
	Marble (Dimension)	1	6
	Stone, Crushed & Broken, NEC	2	20
	Stone, Dimension NEC	2	11
	Total:	14	305
Operators State Total:		152	8,699
<u>Contractors **</u>			
Coal			1,639
Metal and Nonmetal			1,570
<u>Operator & Contractor Totals</u>			
Coal		-	6,056
Metal and Nonmetal		-	5,852
	Total:	-	11,908

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 - 1999

U.S. Summary**

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Anthracite	195	1,749
	Coal, Bituminous	2,111	81,188
		Total:	82,937
Metals	Alumina (Mill)	8	3,573
	Aluminum Ore	7	162
	Beryl	1	97
	Chromite	1	4
	Copper Ore	44	10,428
	Gold (Lode and Placer)	156	11,831
	Iron Ore	31	7,613
	Lead and/or Zinc Ore	28	1,963
	Manganese	6	152
	Metal Ores, NEC	3	60
	Molybdenum	4	941
	Nickel	1	12
	Platinum Group	2	889
	Rare Earths	3	86
	Silver Ores	13	1,647
	Titanium	3	464
	Tungsten	1	17
	Uranium	17	929
	Uranium - Vanadium Ores	2	44
	Vanadium	1	89
Zircon	2	29	
		Total:	41,030
Non-metals*	Aplite	1	31
	Asbestos	2	23
	Barite	28	452
	Boron Minerals	5	962
	Brucite	1	6
	Chemical and Fertilizer, NEC	3	176
	Clay (Common)	246	8,201
	Clay (Fire)	69	808
	Clay, Ceramic & Refractory, NEC	20	219
	Feldspar	17	344
	Fluorspar	1	5
	Gemstones	25	160
	Gilsonite	3	112
	Gypsum	66	1,162
	Industrial Chemicals, NEC	1	4
	Kyanite	3	156
	Leonardite	4	33
	Magnesite	2	89
	Mica	16	396
	Nonmetallic Minerals, NEC	56	1,691
	Oil Sand	1	3
	Oil Shale	1	5
	Perlite	19	259
	Phosphate Rock	29	3,604
	Pigment Mineral	3	97
	Potash	7	1,311
	Pumice	48	348
	Salt (Evaporated)	5	160
	Salt (Rock)	14	1,779

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 - 1999

U.S. Summary** (Contd)

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Shale (Common)	70	687
	Sulfur	1	3
	Talc, Soapstone & Pyrophyllite	30	687
	Trona	7	2,733
	Vermiculite	4	138
	Total:	808	26,844
Sand & Gravel	Sand & Gravel	6,783	44,861
	Total:	6,783	44,861
Stone	Cement	100	12,834
	Granite (Crushed & Broken)	295	6,796
	Granite (Dimension)	127	1,343
	Lime	70	3,701
	Limestone (Crushed & Broken)	2,011	39,275
	Limestone (Dimension)	96	1,514
	Marble (Crushed & Broken)	26	1,178
	Marble (Dimension)	17	169
	Sandstone (Crushed & Broken)	172	2,862
	Sandstone (Dimension)	93	1,328
	Slate (Crushed & Broken)	17	196
	Slate (Dimension)	65	859
	Stone, Crushed & Broken, NEC	485	4,641
	Stone, Dimension NEC	171	1,086
	Traprock (Crushed & Broken)	207	3,547
Traprock (Dimension)	10	84	
	Total:	3,962	81,413
<u>Operator Totals</u>			
Coal		2,306	82,937
Metal and Nonmetal		11,887	194,148
	Total:	14,193	277,085
<u>Contractor Totals</u>			
Coal		-	31,552
Metal and Nonmetal		-	44,704
	Total:	-	76,256
<u>Operator & Contractor Totals</u>			
Coal		-	114,489
Metal and Nonmetal		-	238,852
	Total:	-	353,341

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