

NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2001

Alabama

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	59	3,461
	Total:	59	3,461
Metals	Metal Ores, NEC	1	6
	Total:	1	6
Non-metals*	Clay (Common)	9	213
	Clay (Fire)	5	79
	Clay, Ceramic & Refractory, NEC	2	10
	Pigment Mineral	1	11
	Shale (Common)	4	10
	Total:	21	323
Sand & Gravel	Sand & Gravel	84	611
	Total:	84	611
Stone	Cement	5	746
	Granite (Crushed & Broken)	1	16
	Lime	3	157
	Limestone (Crushed & Broken)	47	1,126
	Limestone (Dimension)	2	16
	Marble (Crushed & Broken)	3	479
	Marble (Dimension)	1	8
	Sandstone (Crushed & Broken)	9	97
	Sandstone (Dimension)	4	29
	Slate (Crushed & Broken)	4	27
	Total:	79	2,701
Operators State Total:		244	7,102
<u>Contractors **</u>			
Coal			855
Metal and Nonmetal			1,675
<u>Operator & Contractor Totals</u>			
Coal		-	4,316
Metal and Nonmetal		-	5,316
	Total:	-	9,632

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 - 2001

Alaska

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	1	119
	Total:	1	119
Metals	Gold (Lode and Placer)	21	492
	Lead and/or Zinc Ore	1	208
	Platinum Group	1	10
	Silver Ores	1	274
	Total:	24	984
Sand & Gravel	Sand & Gravel	49	223
	Total:	49	223
Stone	Sandstone (Crushed & Broken)	3	9
	Stone, Crushed & Broken, NEC	12	68
	Stone, Dimension NEC	1	6
	Traprock (Crushed & Broken)	6	35
	Total:	22	118
Operators State Total:		96	1,444
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			1,294
<u>Operator & Contractor Totals</u>			
Coal		-	119
Metal and Nonmetal		-	2,619
	Total:	-	2,738

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 - 2001

Arizona

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	3	698
	Total:	3	698
Metals	Copper Ore	23	6,159
	Gold (Lode and Placer)	6	29
	Lead and/or Zinc Ore	1	6
	Silver Ores	1	1
	Total:	31	6,195
Non-metals*	Brucite	1	2
	Chemical and Fertilizer, NEC	1	29
	Clay (Common)	6	58
	Gemstones	3	25
	Gypsum	6	43
	Lithium	1	4
	Mica	3	20
	Perlite	1	11
	Pumice	12	54
	Sulfur	1	7
	Total:	35	253
Sand & Gravel	Sand & Gravel	256	2,581
	Total:	256	2,581
Stone	Cement	1	136
	Granite (Crushed & Broken)	14	128
	Granite (Dimension)	1	6
	Lime	2	115
	Limestone (Crushed & Broken)	3	190
	Marble (Crushed & Broken)	4	70
	Marble (Dimension)	1	1
	Sandstone (Crushed & Broken)	1	9
	Sandstone (Dimension)	30	298
	Slate (Dimension)	2	18
	Stone, Crushed & Broken, NEC	11	75
	Stone, Dimension NEC	18	150
	Traprock (Crushed & Broken)	1	3
	Total:	89	1,199
Operators State Total:		414	10,926
<u>Contractors **</u>			
Coal			136
Metal and Nonmetal			1,934
<u>Operator & Contractor Totals</u>			
Coal		-	834
Metal and Nonmetal		-	12,162
	Total:	-	12,996

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 - 2001

Arkansas

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	4	19
	Total:	4	19
Metals	Alumina (Mill)	2	438
	Aluminum Ore	5	133
	Vanadium	1	75
	Total:	8	646
Non-metals*	Clay (Common)	3	64
	Clay (Fire)	2	12
	Gemstones	9	21
	Gypsum	1	60
	Shale (Common)	1	2
	Total:	16	159
Sand & Gravel	Sand & Gravel	62	485
	Total:	62	485
Stone	Cement	1	168
	Granite (Crushed & Broken)	6	390
	Limestone (Crushed & Broken)	26	424
	Limestone (Dimension)	2	36
	Sandstone (Crushed & Broken)	21	393
	Sandstone (Dimension)	5	39
	Slate (Crushed & Broken)	2	31
	Stone, Crushed & Broken, NEC	16	204
	Stone, Dimension NEC	12	54
	Traprock (Crushed & Broken)	1	41
	Total:	92	1,780
Operators State Total:		182	3,089
<u>Contractors **</u>			
Coal			25
Metal and Nonmetal			315
<u>Operator & Contractor Totals</u>			
Coal		-	44
Metal and Nonmetal		-	3,385
	Total:	-	3,429

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 - 2001

California

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Gold (Lode and Placer)	20	626
	Iron Ore	2	9
	Rare Earths	1	90
	Total:	23	725
Non-metals*	Asbestos	2	20
	Barite	1	2
	Boron Minerals	3	899
	Clay (Common)	8	258
	Clay (Fire)	3	34
	Clay, Ceramic & Refractory, NEC	4	26
	Feldspar	2	38
	Gypsum	5	90
	Nonmetallic Minerals, NEC	2	446
	Perlite	1	5
	Pumice	14	101
	Shale (Common)	1	5
	Talc, Soapstone & Pyrophyllite	3	19
	Trona	1	6
	Total:	50	1,949
Sand & Gravel	Sand & Gravel	377	4,607
	Total:	377	4,607
Stone	Cement	9	1,374
	Granite (Crushed & Broken)	10	193
	Granite (Dimension)	3	34
	Lime	2	81
	Limestone (Crushed & Broken)	17	770
	Limestone (Dimension)	1	56
	Marble (Crushed & Broken)	1	6
	Sandstone (Crushed & Broken)	7	120
	Sandstone (Dimension)	1	6
	Slate (Crushed & Broken)	4	22
	Slate (Dimension)	2	54
	Stone, Crushed & Broken, NEC	71	1,053
	Stone, Dimension NEC	11	117
	Traprock (Crushed & Broken)	2	9
Total:	141	3,895	
Operators State Total:		591	11,176
<u>Contractors **</u>			
Coal			334
Metal and Nonmetal			3,053
<u>Operator & Contractor Totals</u>			
Coal		-	334
Metal and Nonmetal		-	14,229
Total:		-	14,563

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 - 2001

Colorado

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	17	1,999
	Total:	17	1,999
Metals	Gold (Lode and Placer)	2	282
	Lead and/or Zinc Ore	2	15
	Metal Ores, NEC	1	6
	Molybdenum	2	338
	Uranium	1	113
	Uranium - Vanadium Ores	1	13
	Total:	9	767
Non-metals*	Clay (Common)	2	5
	Clay (Fire)	2	10
	Gemstones	2	14
	Gypsum	1	14
	Perlite	1	5
	Shale (Common)	2	44
	Total:	10	92
Sand & Gravel	Sand & Gravel	279	1,553
	Total:	279	1,553
Stone	Cement	3	361
	Granite (Crushed & Broken)	2	53
	Limestone (Crushed & Broken)	4	43
	Limestone (Dimension)	1	38
	Marble (Dimension)	1	10
	Sandstone (Crushed & Broken)	3	50
	Sandstone (Dimension)	18	180
	Stone, Crushed & Broken, NEC	21	184
	Stone, Dimension NEC	6	29
	Total:	59	948
Operators State Total:		374	5,359
<u>Contractors **</u>			
Coal			1,242
Metal and Nonmetal			1,897
<u>Operator & Contractor Totals</u>			
Coal		-	3,241
Metal and Nonmetal		-	5,257
	Total:	-	8,498

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	74	347
	Total:	74	347
Stone	Granite (Crushed & Broken)	4	22
	Granite (Dimension)	3	14
	Limestone (Crushed & Broken)	9	159
	Sandstone (Crushed & Broken)	1	6
	Stone, Crushed & Broken, NEC	7	52
	Stone, Dimension NEC	2	18
	Traprock (Crushed & Broken)	11	338
	Total:	37	609
Operators State Total:		112	959
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			61
<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 - 2001

Delaware

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Manganese	1	64
		Total:	64
Sand & Gravel	Sand & Gravel	8	68
		Total:	68
Operators State Total:		9	132
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			15
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	147
		Total:	147

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 - 2001

Florida

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Titanium	2	363
	Total:	2	363
Non-metals*	Clay (Common)	4	228
	Phosphate Rock	18	2,055
	Total:	22	2,283
Sand & Gravel	Sand & Gravel	66	623
	Total:	66	623
Stone	Cement	8	805
	Lime	3	27
	Limestone (Crushed & Broken)	117	2,693
	Sandstone (Crushed & Broken)	6	34
	Stone, Dimension NEC	2	21
	Total:	136	3,580
Operators State Total:		226	6,849
<u>Contractors **</u>			
Coal			83
Metal and Nonmetal			2,187
<u>Operator & Contractor Totals</u>			
Coal		-	83
Metal and Nonmetal		-	9,036
	Total:	-	9,119

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 - 2001

Georgia

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Barite	2	91
	Clay (Common)	46	4,066
	Clay (Fire)	3	78
	Clay, Ceramic & Refractory, NEC	1	83
	Feldspar	2	36
	Mica	1	70
	Shale (Common)	2	36
	Total:		57
Sand & Gravel	Sand & Gravel	41	318
	Total:		41
Stone	Cement	2	275
	Granite (Crushed & Broken)	59	1,549
	Granite (Dimension)	46	322
	Limestone (Crushed & Broken)	20	384
	Marble (Crushed & Broken)	7	324
	Marble (Dimension)	2	34
	Sandstone (Crushed & Broken)	2	39
	Sandstone (Dimension)	1	1
	Slate (Crushed & Broken)	1	5
	Slate (Dimension)	1	4
	Stone, Crushed & Broken, NEC	2	34
	Stone, Dimension NEC	3	21
Total:		146	2,992
Operators State Total:		244	7,770
<u>Contractors **</u>			
Coal			25
Metal and Nonmetal			2,987
<u>Operator & Contractor Totals</u>			
Coal		-	25
Metal and Nonmetal		-	10,757
Total:		-	10,782

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 - 2001

Hawaii

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Nonmetallic Minerals, NEC	1	2
	Total:	1	2
Sand & Gravel	Sand & Gravel	10	47
	Total:	10	47
Stone	Limestone (Crushed & Broken)	4	44
	Limestone (Dimension)	1	3
	Stone, Crushed & Broken, NEC	21	219
	Traprock (Crushed & Broken)	4	85
	Total:	30	351
Operators State Total:		41	400
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			5
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	405
	Total:	-	405

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 - 2001

Idaho

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Gold (Lode and Placer)	2	25
	Lead and/or Zinc Ore	1	9
	Molybdenum	1	80
	Silver Ores	4	434
	Total:	8	548
Non-metals*	Clay (Common)	2	10
	Gemstones	3	52
	Nonmetallic Minerals, NEC	1	1
	Perlite	1	2
	Phosphate Rock	6	427
	Pumice	4	71
	Total:	17	563
Sand & Gravel	Sand & Gravel	141	695
	Total:	141	695
Stone	Cement	1	71
	Lime	2	13
	Limestone (Crushed & Broken)	4	23
	Sandstone (Crushed & Broken)	1	14
	Sandstone (Dimension)	1	1
	Slate (Dimension)	2	63
	Stone, Crushed & Broken, NEC	24	157
	Stone, Dimension NEC	4	47
	Traprock (Crushed & Broken)	2	13
	Traprock (Dimension)	1	1
Total:	42	403	
Operators State Total:		208	2,209
<u>Contractors **</u>			
Coal			96
Metal and Nonmetal			478
<u>Operator & Contractor Totals</u>			
Coal		-	96
Metal and Nonmetal		-	2,687
Total:		-	2,783

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

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Illinois

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	42	3,629
	Total:	42	3,629
Metals	Manganese	1	35
	Total:	1	35
Non-metals*	Chemical and Fertilizer, NEC	1	123
	Clay (Common)	2	74
	Clay (Fire)	1	2
	Fluorspar	1	8
	Nonmetallic Minerals, NEC	3	63
	Shale (Common)	1	3
	Total:	9	273
Sand & Gravel	Sand & Gravel	156	1,133
	Total:	156	1,133
Stone	Cement	3	419
	Lime	4	148
	Limestone (Crushed & Broken)	146	2,182
	Limestone (Dimension)	1	6
	Sandstone (Crushed & Broken)	6	288
	Total:	160	3,043
Operators State Total:		368	8,113
<u>Contractors **</u>			
Coal			1,287
Metal and Nonmetal			1,019
<u>Operator & Contractor Totals</u>			
Coal		-	4,916
Metal and Nonmetal		-	5,503
	Total:	-	10,419

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 - 2001

Indiana

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	50	2,654
	Total:	50	2,654
Non-metals*	Clay (Common)	1	7
	Gypsum	2	78
	Nonmetallic Minerals, NEC	1	5
	Shale (Common)	2	40
	Total:	6	130
Sand & Gravel	Sand & Gravel	176	1,030
	Total:	176	1,030
Stone	Lime	2	79
	Limestone (Crushed & Broken)	93	2,297
	Limestone (Dimension)	9	148
	Sandstone (Dimension)	1	2
	Traprock (Crushed & Broken)	1	16
	Total:	106	2,542
Operators State Total:		338	6,356
<u>Contractors **</u>			
Coal			1,244
Metal and Nonmetal			881
<u>Operator & Contractor Totals</u>			
Coal		-	3,898
Metal and Nonmetal		-	4,583
	Total:	-	8,481

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 - 2001

Iowa

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Clay (Common)	2	11
	Clay, Ceramic & Refractory, NEC	1	5
	Gypsum	5	143
	Total:	8	159
Sand & Gravel	Sand & Gravel	130	631
	Total:	130	631
Stone	Cement	3	425
	Lime	2	63
	Limestone (Crushed & Broken)	122	1,440
	Limestone (Dimension)	2	61
	Stone, Crushed & Broken, NEC	1	1
	Stone, Dimension NEC	1	2
Total:	131	1,992	
Operators State Total:		269	2,782
<u>Contractors **</u>			
Coal			10
Metal and Nonmetal			622
<u>Operator & Contractor Totals</u>			
Coal		-	10
Metal and Nonmetal		-	3,404
Total:		-	3,414

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 - 2001

Kansas

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	1	9
	Total:	1	9
Non-metals*	Clay (Common)	2	29
	Clay (Fire)	3	12
	Gypsum	3	53
	Perlite	2	11
	Salt (Rock)	3	148
	Total:	13	253
Sand & Gravel	Sand & Gravel	79	382
	Total:	79	382
Stone	Cement	4	495
	Limestone (Crushed & Broken)	75	844
	Limestone (Dimension)	3	7
	Stone, Crushed & Broken, NEC	4	70
	Stone, Dimension NEC	2	10
	Total:	88	1,426
Operators State Total:		181	2,070
<u>Contractors **</u>			
Coal			6
Metal and Nonmetal			518
<u>Operator & Contractor Totals</u>			
Coal		-	15
Metal and Nonmetal		-	2,579
	Total:	-	2,594

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

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Kentucky

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	632	18,224
	Total:	632	18,224
Non-metals*	Clay (Common)	8	99
	Clay, Ceramic & Refractory, NEC	1	30
	Shale (Common)	3	17
	Total:	12	146
Sand & Gravel	Sand & Gravel	30	276
	Total:	30	276
Stone	Cement	1	133
	Lime	2	135
	Limestone (Crushed & Broken)	99	2,396
	Sandstone (Crushed & Broken)	2	11
	Stone, Crushed & Broken, NEC	3	50
	Total:	107	2,725
Operators State Total:		781	21,371
<u>Contractors **</u>			
Coal			5,112
Metal and Nonmetal			462
<u>Operator & Contractor Totals</u>			
Coal		-	23,336
Metal and Nonmetal		-	3,609
	Total:	-	26,945

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 - 2001

Louisiana

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	2	186
		Total:	186
Metals	Alumina (Mill)	2	846
		Total:	846
Non-metals*	Barite	7	134
	Clay (Common)	1	6
	Clay (Fire)	7	150
	Clay, Ceramic & Refractory, NEC	1	6
	Nonmetallic Minerals, NEC	2	61
	Salt (Rock)	3	568
		Total:	925
Sand & Gravel	Sand & Gravel	127	747
		Total:	747
Stone	Lime	1	15
	Sandstone (Crushed & Broken)	7	29
	Stone, Crushed & Broken, NEC	1	9
		Total:	53
Operators State Total:		161	2,757
<u>Contractors **</u>			
Coal			102
Metal and Nonmetal			1,008
<u>Operator & Contractor Totals</u>			
Coal		-	288
Metal and Nonmetal		-	3,579
		Total:	3,867

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Maine

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Sand & Gravel	Sand & Gravel	152	566
	Total:	152	566
Stone	Granite (Crushed & Broken)	3	35
	Granite (Dimension)	2	9
	Limestone (Crushed & Broken)	4	121
	Slate (Dimension)	1	6
	Stone, Crushed & Broken, NEC	6	46
	Stone, Dimension NEC	1	2
	Traprock (Crushed & Broken)	5	47
	Traprock (Dimension)	1	22
	Total:	23	288
Operators State Total:		175	854
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			461
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	1,315
	Total:	-	1,315

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 - 2001

Maryland

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	19	495
		Total:	19 495
Metals	Metal Ores, NEC	1	2
		Total:	1 2
Non-metals*	Shale (Common)	2	3
		Total:	2 3
Sand & Gravel	Sand & Gravel	30	428
		Total:	30 428
Stone	Cement	3	271
	Granite (Crushed & Broken)	3	307
	Lime	1	18
	Limestone (Crushed & Broken)	17	399
	Sandstone (Crushed & Broken)	3	14
	Sandstone (Dimension)	5	48
	Stone, Crushed & Broken, NEC	2	24
	Stone, Dimension NEC	4	43
	Traprock (Crushed & Broken)	2	133
	Traprock (Dimension)	1	28
		Total:	41 1,285
Operators State Total:		93	2,213
<u>Contractors **</u>			
Coal			471
Metal and Nonmetal			376
<u>Operator & Contractor Totals</u>			
Coal		-	966
Metal and Nonmetal		-	2,094
		Total:	- 3,060

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 - 2001

Massachusetts

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Clay (Common)	1	3
	Shale (Common)	1	15
		Total:	18
Sand & Gravel	Sand & Gravel	120	654
			Total:
Stone	Granite (Crushed & Broken)	8	88
	Granite (Dimension)	4	67
	Limestone (Crushed & Broken)	4	230
	Sandstone (Dimension)	1	9
	Slate (Dimension)	1	4
	Stone, Crushed & Broken, NEC	12	86
	Stone, Dimension NEC	2	23
	Traprock (Crushed & Broken)	18	280
	Traprock (Dimension)	1	44
		Total:	831
Operators State Total:		173	1,503
<u>Contractors **</u>			
Coal			4
Metal and Nonmetal			136
<u>Operator & Contractor Totals</u>			
Coal			4
Metal and Nonmetal			1,639
		Total:	1,643

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 - 2001

Michigan

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Copper Ore	2	10
	Iron Ore	2	1,525
	Total:	4	1,535
Non-metals*	Gypsum	3	91
	Oil Shale	1	6
	Salt (Rock)	1	42
	Shale (Common)	1	11
	Total:	6	150
Sand & Gravel	Sand & Gravel	428	2,069
	Total:	428	2,069
Stone	Cement	2	146
	Lime	2	77
	Limestone (Crushed & Broken)	26	1,364
	Sandstone (Crushed & Broken)	1	13
	Sandstone (Dimension)	1	7
	Stone, Crushed & Broken, NEC	2	10
	Stone, Dimension NEC	1	3
	Total:	35	1,620
Operators State Total:		473	5,374
<u>Contractors **</u>			
Coal			10
Metal and Nonmetal			708
<u>Operator & Contractor Totals</u>			
Coal		-	10
Metal and Nonmetal		-	6,082
	Total:	-	6,092

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 - 2001

Minnesota

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Iron Ore	12	4,169
	Total:	12	4,169
Non-metals*	Chemical and Fertilizer, NEC	1	24
	Clay (Common)	2	15
	Nonmetallic Minerals, NEC	1	3
	Total:	4	42
Sand & Gravel	Sand & Gravel	391	1,602
	Total:	391	1,602
Stone	Granite (Crushed & Broken)	6	82
	Granite (Dimension)	6	41
	Limestone (Crushed & Broken)	33	281
	Limestone (Dimension)	2	40
	Sandstone (Crushed & Broken)	1	14
	Stone, Crushed & Broken, NEC	3	46
	Stone, Dimension NEC	6	71
	Total:	57	575
Operators State Total:		464	6,388
<u>Contractors **</u>			
Coal			82
Metal and Nonmetal			1,201
<u>Operator & Contractor Totals</u>			
Coal		-	82
Metal and Nonmetal		-	7,589
	Total:	-	7,671

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 - 2001

Mississippi

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	1	128
		Total:	128
Non-metals*	Clay (Common)	15	492
	Clay (Fire)	1	2
		Total:	494
Sand & Gravel	Sand & Gravel	96	740
		Total:	740
Stone	Cement	1	114
	Lime	3	15
	Stone, Crushed & Broken, NEC	1	3
		Total:	132
Operators State Total:		118	1,494
<u>Contractors **</u>			
Coal			2
Metal and Nonmetal			331
<u>Operator & Contractor Totals</u>			
Coal		-	130
Metal and Nonmetal		-	1,697
		Total:	1,827

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 - 2001

Missouri

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	2	38
	Total:	2	38
Metals	Iron Ore	1	94
	Lead and/or Zinc Ore	8	651
	Total:	9	745
Non-metals*	Barite	1	13
	Clay (Common)	6	180
	Clay (Fire)	4	12
	Clay, Ceramic & Refractory, NEC	4	47
	Nonmetallic Minerals, NEC	1	12
	Total:	16	264
Sand & Gravel	Sand & Gravel	99	541
	Total:	99	541
Stone	Cement	6	935
	Granite (Crushed & Broken)	3	175
	Granite (Dimension)	1	14
	Lime	4	836
	Limestone (Crushed & Broken)	220	2,961
	Limestone (Dimension)	4	40
	Sandstone (Crushed & Broken)	3	70
	Sandstone (Dimension)	1	1
	Stone, Crushed & Broken, NEC	5	45
	Stone, Dimension NEC	1	8
	Traprock (Crushed & Broken)	1	5
	Total:	249	5,090
Operators State Total:		375	6,678
<u>Contractors **</u>			
Coal			312
Metal and Nonmetal			1,986
<u>Operator & Contractor Totals</u>			
Coal		-	350
Metal and Nonmetal		-	8,626
	Total:	-	8,976

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 - 2001

Montana

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	6	844
	Total:	6	844
Metals	Chromite	1	15
	Copper Ore	2	22
	Gold (Lode and Placer)	8	303
	Metal Ores, NEC	1	44
	Platinum Group	2	1,377
	Total:	14	1,761
Non-metals*	Gemstones	5	41
	Shale (Common)	1	1
	Talc, Soapstone & Pyrophyllite	6	237
	Total:	12	279
Sand & Gravel	Sand & Gravel	175	644
	Total:	175	644
Stone	Cement	1	97
	Lime	1	25
	Limestone (Crushed & Broken)	3	102
	Slate (Dimension)	2	12
	Stone, Crushed & Broken, NEC	2	12
	Stone, Dimension NEC	28	134
	Traprock (Crushed & Broken)	1	1
	Total:	38	383
Operators State Total:		245	3,911
<u>Contractors **</u>			
Coal			73
Metal and Nonmetal			525
<u>Operator & Contractor Totals</u>			
Coal		-	917
Metal and Nonmetal		-	3,592
	Total:	-	4,509

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 - 2001

Nebraska

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Uranium	1	48
	Total:	1	48
Non-metals*	Clay (Fire)	1	2
	Total:	1	2
Sand & Gravel	Sand & Gravel	160	590
	Total:	160	590
Stone	Cement	1	135
	Limestone (Crushed & Broken)	10	266
	Stone, Crushed & Broken, NEC	1	3
	Stone, Dimension NEC	1	2
	Total:	13	406
Operators State Total:		175	1,046
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			260
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	1,306
	Total:	-	1,306

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 - 2001

Nevada

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Copper Ore	1	44
	Gold (Lode and Placer)	45	6,941
	Iron Ore	3	8
	Metal Ores, NEC	1	31
	Rare Earths	1	4
	Silver Ores	4	407
	Total:	55	7,435
Non-metals*	Barite	7	158
	Boron Minerals	1	27
	Brucite	1	5
	Clay (Common)	7	49
	Gemstones	1	1
	Gypsum	6	74
	Magnesite	1	83
	Nonmetallic Minerals, NEC	8	277
	Perlite	3	14
	Pumice	1	7
	Talc, Soapstone & Pyrophyllite	1	3
	Total:	37	698
Sand & Gravel	Sand & Gravel	156	1,092
Total:	156	1,092	
Stone	Cement	2	172
	Granite (Crushed & Broken)	2	34
	Lime	2	113
	Limestone (Crushed & Broken)	3	68
	Sandstone (Crushed & Broken)	3	69
	Slate (Dimension)	2	8
	Stone, Crushed & Broken, NEC	7	49
	Stone, Dimension NEC	3	8
Total:	24	521	
Operators State Total:		272	9,746
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			1,466
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	11,212
Total:		-	11,212

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 - 2001

New Hampshire

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Sand & Gravel	Sand & Gravel	103	479
	Total:	103	479
Stone	Granite (Crushed & Broken)	8	76
	Granite (Dimension)	4	48
	Sandstone (Crushed & Broken)	2	12
	Stone, Crushed & Broken, NEC	2	17
	Stone, Dimension NEC	1	3
	Traprock (Crushed & Broken)	4	33
	Total:	21	189
Operators State Total:		124	668
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			80
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	748
	Total:	-	748

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 - 2001

New Jersey

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Chromite	1	4
	Zircon	1	23
		Total:	27
Non-metals*	Nonmetallic Minerals, NEC	1	61
			Total:
Sand & Gravel	Sand & Gravel	64	774
			Total:
Stone	Granite (Crushed & Broken)	7	381
	Limestone (Crushed & Broken)	1	69
	Sandstone (Crushed & Broken)	1	66
	Traprock (Crushed & Broken)	12	472
			Total:
Operators State Total:		88	1,850
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			153
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	2,003
		Total:	2,003

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 - 2001

New Mexico

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	7	1,731
	Total:	7	1,731
Metals	Copper Ore	7	909
	Gold (Lode and Placer)	2	6
	Manganese	1	3
	Molybdenum	1	180
	Uranium	1	15
	Total:	12	1,113
Non-metals*	Clay (Common)	1	4
	Gypsum	2	15
	Mica	2	34
	Nonmetallic Minerals, NEC	7	56
	Perlite	5	154
	Potash	5	1,041
	Pumice	10	39
	Salt (Evaporated)	4	115
	Shale (Common)	1	4
	Total:	37	1,462
Sand & Gravel	Sand & Gravel	106	761
	Total:	106	761
Stone	Cement	1	109
	Limestone (Crushed & Broken)	18	114
	Limestone (Dimension)	1	8
	Marble (Dimension)	1	4
	Sandstone (Crushed & Broken)	2	13
	Stone, Crushed & Broken, NEC	19	226
	Stone, Dimension NEC	5	26
	Total:	47	500
Operators State Total:		209	5,567
<u>Contractors **</u>			
Coal			293
Metal and Nonmetal			919
<u>Operator & Contractor Totals</u>			
Coal		-	2,024
Metal and Nonmetal		-	4,755
	Total:	-	6,779

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 - 2001

New York

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Lead and/or Zinc Ore	2	113
	Total:	2	113
Non-metals*	Chemical and Fertilizer, NEC	1	81
	Clay (Common)	2	12
	Nonmetallic Minerals, NEC	3	87
	Salt (Rock)	3	331
	Shale (Common)	9	135
	Talc, Soapstone & Pyrophyllite	5	114
	Total:	23	760
Sand & Gravel	Sand & Gravel	459	1,806
	Total:	459	1,806
Stone	Cement	4	289
	Granite (Crushed & Broken)	5	155
	Granite (Dimension)	6	110
	Lime	1	10
	Limestone (Crushed & Broken)	70	1,217
	Marble (Crushed & Broken)	1	6
	Sandstone (Crushed & Broken)	3	19
	Sandstone (Dimension)	9	82
	Slate (Dimension)	7	16
	Stone, Crushed & Broken, NEC	13	107
	Stone, Dimension NEC	14	45
	Traprock (Crushed & Broken)	6	253
	Total:	139	2,309
Operators State Total:		623	4,988
<u>Contractors **</u>			
Coal			17
Metal and Nonmetal			802
<u>Operator & Contractor Totals</u>			
Coal		-	17
Metal and Nonmetal		-	5,790
	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 - 2001

North Carolina

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Metal Ores, NEC	1	68
	Total:	1	68
Non-metals*	Barite	1	4
	Clay (Common)	19	135
	Clay (Fire)	5	32
	Feldspar	7	236
	Gemstones	1	3
	Gypsum	1	13
	Mica	6	119
	Nonmetallic Minerals, NEC	3	26
	Phosphate Rock	1	482
	Salt (Evaporated)	1	2
	Shale (Common)	3	12
	Talc, Soapstone & Pyrophyllite	2	48
	Total:	50	1,112
Sand & Gravel	Sand & Gravel	106	747
	Total:	106	747
Stone	Granite (Crushed & Broken)	84	1,960
	Granite (Dimension)	6	210
	Limestone (Crushed & Broken)	21	298
	Sandstone (Crushed & Broken)	2	19
	Sandstone (Dimension)	2	28
	Slate (Crushed & Broken)	1	80
	Slate (Dimension)	4	32
	Stone, Crushed & Broken, NEC	2	26
	Stone, Dimension NEC	7	79
	Traprock (Crushed & Broken)	5	88
	Total:	134	2,820
Operators State Total:		291	4,747
<u>Contractors **</u>			
Coal			205
Metal and Nonmetal			1,784
<u>Operator & Contractor Totals</u>			
Coal		-	205
Metal and Nonmetal		-	6,531
	Total:	-	6,736

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 - 2001

North Dakota

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	5	915
		Total:	5 915
Non-metals*	Clay (Common)	1	5
	Leonardite	2	25
		Total:	3 30
Sand & Gravel	Sand & Gravel	109	441
		Total:	109 441
Stone	Stone, Crushed & Broken, NEC	1	1
		Total:	1 1
Operators State Total:		118	1,387
<u>Contractors **</u>			
Coal			220
Metal and Nonmetal			85
<u>Operator & Contractor Totals</u>			
Coal		-	1,135
Metal and Nonmetal		-	557
		Total:	- 1,692

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 - 2001

Ohio

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	86	3,022
	Total:	86	3,022
Non-metals*	Clay (Common)	3	30
	Clay (Fire)	3	46
	Clay, Ceramic & Refractory, NEC	2	9
	Gypsum	1	11
	Salt (Rock)	2	393
	Shale (Common)	7	57
	Total:	18	546
Sand & Gravel	Sand & Gravel	206	1,767
	Total:	206	1,767
Stone	Cement	1	103
	Lime	4	133
	Limestone (Crushed & Broken)	108	2,342
	Limestone (Dimension)	3	12
	Sandstone (Crushed & Broken)	13	200
	Sandstone (Dimension)	3	171
	Stone, Dimension NEC	1	10
	Total:	133	2,971
Operators State Total:		443	8,306
<u>Contractors **</u>			
Coal			1,505
Metal and Nonmetal			1,496
<u>Operator & Contractor Totals</u>			
Coal		-	4,527
Metal and Nonmetal		-	6,780
	Total:	-	11,307

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 - 2001

Oklahoma

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	8	162
	Total:	8	162
Non-metals*	Clay (Common)	7	39
	Clay (Fire)	1	5
	Clay, Ceramic & Refractory, NEC	2	10
	Gypsum	8	148
	Nonmetallic Minerals, NEC	1	1
	Shale (Common)	8	41
	Total:	27	244
Sand & Gravel	Sand & Gravel	102	612
	Total:	102	612
Stone	Cement	4	402
	Granite (Crushed & Broken)	5	114
	Granite (Dimension)	2	12
	Limestone (Crushed & Broken)	63	1,307
	Limestone (Dimension)	15	127
	Sandstone (Crushed & Broken)	2	49
	Sandstone (Dimension)	7	50
	Stone, Dimension NEC	5	28
	Total:	103	2,089
Operators State Total:		240	3,107
<u>Contractors **</u>			
Coal			109
Metal and Nonmetal			327
<u>Operator & Contractor Totals</u>			
Coal		-	271
Metal and Nonmetal		-	3,272
	Total:	-	3,543

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 - 2001

Oregon

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Gold (Lode and Placer)	1	6
	Total:	1	6
Non-metals*	Clay (Common)	2	10
	Gemstones	1	2
	Nonmetallic Minerals, NEC	6	100
	Perlite	1	23
	Pumice	3	22
	Total:	13	157
Sand & Gravel	Sand & Gravel	89	663
	Total:	89	663
Stone	Cement	1	116
	Lime	1	49
	Slate (Crushed & Broken)	1	5
	Stone, Crushed & Broken, NEC	117	627
	Stone, Dimension NEC	2	10
	Traprock (Crushed & Broken)	38	332
	Traprock (Dimension)	1	4
	Total:	161	1,143
Operators State Total:		264	1,969
<u>Contractors **</u>			
Coal			11
Metal and Nonmetal			789
<u>Operator & Contractor Totals</u>			
Coal		-	11
Metal and Nonmetal		-	2,758
	Total:	-	2,769

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 - 2001

Pennsylvania

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Anthracite	172	1,268
	Coal, Bituminous	270	7,159
	Total:	442	8,427
Metals	Chromite	1	2
	Metal Ores, NEC	2	72
	Zircon	1	3
	Total:	4	77
Non-metals*	Clay (Common)	2	4
	Clay (Fire)	2	8
	Clay, Ceramic & Refractory, NEC	1	3
	Magnesite	1	13
	Nonmetallic Minerals, NEC	2	79
	Shale (Common)	5	15
	Total:	13	122
Sand & Gravel	Sand & Gravel	130	847
	Total:	130	847
Stone	Cement	10	1,114
	Granite (Crushed & Broken)	4	130
	Lime	6	473
	Limestone (Crushed & Broken)	125	2,589
	Limestone (Dimension)	5	120
	Sandstone (Crushed & Broken)	36	506
	Sandstone (Dimension)	70	388
	Slate (Crushed & Broken)	1	7
	Slate (Dimension)	12	140
	Stone, Crushed & Broken, NEC	16	170
	Stone, Dimension NEC	56	298
	Traprock (Crushed & Broken)	13	301
	Total:	354	6,236
Operators State Total:		943	15,709
<u>Contractors **</u>			
Coal			3,564
Metal and Nonmetal			1,834
<u>Operator & Contractor Totals</u>			
Coal		-	11,991
Metal and Nonmetal		-	9,116
	Total:	-	21,107

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 - 2001

Puerto Rico

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Sand & Gravel	Sand & Gravel	45	518
	Total:	45	518
Stone	Cement	2	457
	Limestone (Crushed & Broken)	26	679
	Limestone (Dimension)	2	15
	Marble (Dimension)	2	19
	Sandstone (Crushed & Broken)	1	38
	Stone, Crushed & Broken, NEC	26	350
	Stone, Dimension NEC	1	5
	Traprock (Crushed & Broken)	1	62
	Total:	61	1,625
Operators State Total:		106	2,143
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			202
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	2,345
	Total:	-	2,345

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 - 2001

Rhode Island

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Sand & Gravel	Sand & Gravel	18	140
	Total:	18	140
Stone	Granite (Crushed & Broken)	3	20
	Limestone (Crushed & Broken)	1	7
	Stone, Crushed & Broken, NEC	3	22
	Traprock (Crushed & Broken)	1	6
	Total:	8	55
Operators State Total:		26	195
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			7
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	202
	Total:	-	202

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 - 2001

South Carolina

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Gold (Lode and Placer)	2	13
	Manganese	1	3
	Total:	3	16
Non-metals*	Boron Minerals	1	33
	Clay (Common)	10	194
	Clay (Fire)	3	7
	Clay, Ceramic & Refractory, NEC	1	25
	Mica	1	8
	Shale (Common)	1	7
	Vermiculite	2	79
	Total:	19	353
Sand & Gravel	Sand & Gravel	67	438
	Total:	67	438
Stone	Cement	2	369
	Granite (Crushed & Broken)	23	559
	Granite (Dimension)	2	9
	Lime	3	35
	Limestone (Crushed & Broken)	6	310
	Stone, Crushed & Broken, NEC	3	28
	Stone, Dimension NEC	1	2
	Total:	40	1,312
Operators State Total:		129	2,119
<u>Contractors **</u>			
Coal			37
Metal and Nonmetal			1,045
<u>Operator & Contractor Totals</u>			
Coal		-	37
Metal and Nonmetal		-	3,164
	Total:	-	3,201

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 - 2001

South Dakota

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Gold (Lode and Placer)	2	408
	Iron Ore	1	3
	Total:	3	411
Non-metals*	Clay (Common)	1	51
	Feldspar	2	8
	Gypsum	1	7
	Mica	2	13
	Nonmetallic Minerals, NEC	1	30
	Shale (Common)	1	5
	Total:	8	114
Sand & Gravel	Sand & Gravel	117	501
	Total:	117	501
Stone	Cement	1	182
	Granite (Crushed & Broken)	2	10
	Granite (Dimension)	4	55
	Limestone (Crushed & Broken)	3	75
	Sandstone (Crushed & Broken)	3	84
	Stone, Crushed & Broken, NEC	2	11
	Total:	15	417
Operators State Total:		143	1,443
<u>Contractors **</u>			
Coal			21
Metal and Nonmetal			254
<u>Operator & Contractor Totals</u>			
Coal		-	21
Metal and Nonmetal		-	1,697
	Total:	-	1,718

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 - 2001

Tennessee

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	30	582
	Total:	30	582
Metals	Lead and/or Zinc Ore	8	725
	Titanium	1	7
	Total:	9	732
Non-metals*	Barite	1	4
	Clay (Common)	17	318
	Clay (Fire)	1	8
	Clay, Ceramic & Refractory, NEC	1	9
	Total:	20	339
Sand & Gravel	Sand & Gravel	52	412
	Total:	52	412
Stone	Cement	2	202
	Lime	2	81
	Limestone (Crushed & Broken)	123	1,803
	Limestone (Dimension)	1	15
	Marble (Dimension)	3	55
	Sandstone (Crushed & Broken)	4	72
	Sandstone (Dimension)	4	75
	Stone, Crushed & Broken, NEC	3	36
	Stone, Dimension NEC	1	8
	Total:	143	2,347
Operators State Total:		254	4,412
<u>Contractors **</u>			
Coal			498
Metal and Nonmetal			608
<u>Operator & Contractor Totals</u>			
Coal		-	1,080
Metal and Nonmetal		-	4,438
	Total:	-	5,518

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 - 2001

Texas

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	16	2,481
	Total:	16	2,481
Metals	Alumina (Mill)	2	1,718
	Chromite	1	9
	Gold (Lode and Placer)	1	14
	Iron Ore	2	20
	Manganese	2	39
	Uranium	3	38
	Total:	11	1,838
Non-metals*	Barite	9	151
	Clay (Common)	26	445
	Clay (Fire)	9	31
	Clay, Ceramic & Refractory, NEC	3	41
	Gilsonite	2	8
	Gypsum	7	110
	Nonmetallic Minerals, NEC	1	13
	Perlite	1	1
	Pigment Mineral	1	45
	Salt (Rock)	2	277
	Shale (Common)	2	83
	Talc, Soapstone & Pyrophyllite	6	66
	Total:	69	1,271
Sand & Gravel	Sand & Gravel	356	3,364
	Total:	356	3,364
Stone	Cement	10	1,195
	Granite (Crushed & Broken)	1	7
	Granite (Dimension)	3	38
	Lime	2	110
	Limestone (Crushed & Broken)	151	3,278
	Limestone (Dimension)	41	699
	Marble (Crushed & Broken)	3	25
	Marble (Dimension)	1	5
	Sandstone (Crushed & Broken)	4	112
	Sandstone (Dimension)	6	106
	Slate (Dimension)	1	24
	Stone, Crushed & Broken, NEC	57	578
	Stone, Dimension NEC	31	335
	Traprock (Crushed & Broken)	3	38
	Traprock (Dimension)	2	18
	Total:	316	6,568
Operators State Total:		768	15,522
<u>Contractors **</u>			
Coal			1,394
Metal and Nonmetal			4,330
<u>Operator & Contractor Totals</u>			
Coal		-	3,875
Metal and Nonmetal		-	17,371
	Total:	-	21,246

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 - 2001

Utah

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	22	1,549
	Total:	22	1,549
Metals	Beryl	1	98
	Copper Ore	2	1,105
	Gold (Lode and Placer)	5	416
	Uranium	1	23
	Total:	9	1,642
Non-metals*	Clay (Common)	3	31
	Fluorspar	1	2
	Gemstones	2	21
	Gilsonite	5	147
	Gypsum	4	55
	Perlite	1	13
	Phosphate Rock	1	139
	Pumice	2	7
	Salt (Evaporated)	1	47
	Salt (Rock)	1	68
	Shale (Common)	5	55
	Total:	26	585
Sand & Gravel	Sand & Gravel	199	1,134
	Total:	199	1,134
Stone	Cement	2	197
	Limestone (Crushed & Broken)	10	143
	Limestone (Dimension)	3	32
	Sandstone (Crushed & Broken)	2	3
	Sandstone (Dimension)	5	31
	Stone, Crushed & Broken, NEC	5	35
	Stone, Dimension NEC	5	75
	Total:	32	516
Operators State Total:		288	5,426
<u>Contractors **</u>			
Coal			1,145
Metal and Nonmetal			1,759
<u>Operator & Contractor Totals</u>			
Coal		-	2,694
Metal and Nonmetal		-	5,636
	Total:	-	8,330

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 - 2001

Vermont

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Talc, Soapstone & Pyrophyllite	2	70
	Total:	2	70
Sand & Gravel	Sand & Gravel	103	303
	Total:	103	303
Stone	Granite (Crushed & Broken)	4	13
	Granite (Dimension)	2	18
	Limestone (Crushed & Broken)	11	146
	Marble (Crushed & Broken)	2	139
	Marble (Dimension)	3	24
	Sandstone (Crushed & Broken)	1	1
	Sandstone (Dimension)	1	2
	Slate (Crushed & Broken)	3	13
	Slate (Dimension)	38	441
	Stone, Crushed & Broken, NEC	4	10
	Stone, Dimension NEC	9	116
	Traprock (Crushed & Broken)	3	21
	Total:	81	944
Operators State Total:		186	1,317
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			138
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	1,455
	Total:	-	1,455

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 - 2001

Virgin Islands

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Metals	Alumina (Mill)	1	65
	Total:	1	65
Stone	Limestone (Crushed & Broken)	1	21
	Stone, Crushed & Broken, NEC	1	11
	Traprock (Crushed & Broken)	1	20
	Total:	3	52
Operators State Total:		4	117
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			0
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	117
	Total:	-	117

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 - 2001

Virginia

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	209	5,667
	Total:	209	5,667
Metals	Titanium	1	102
	Total:	1	102
Non-metals*	Aplite	1	32
	Clay (Common)	3	62
	Clay, Ceramic & Refractory, NEC	1	93
	Gemstones	1	5
	Kyanite	3	147
	Pigment Mineral	1	37
	Shale (Common)	6	95
	Vermiculite	1	24
	Total:	17	495
Sand & Gravel	Sand & Gravel	50	412
	Total:	50	412
Stone	Cement	2	213
	Granite (Crushed & Broken)	30	757
	Granite (Dimension)	1	10
	Lime	2	220
	Limestone (Crushed & Broken)	49	1,164
	Sandstone (Crushed & Broken)	5	78
	Sandstone (Dimension)	1	10
	Slate (Dimension)	1	86
	Stone, Crushed & Broken, NEC	6	114
	Stone, Dimension NEC	2	28
	Traprock (Crushed & Broken)	6	211
	Total:	105	2,891
Operators State Total:		382	9,567
<u>Contractors **</u>			
Coal			2,422
Metal and Nonmetal			1,015
<u>Operator & Contractor Totals</u>			
Coal		-	8,089
Metal and Nonmetal		-	4,915
	Total:	-	13,004

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 - 2001

Washington

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	1	558
	Total:	1	558
Metals	Gold (Lode and Placer)	4	115
	Lead and/or Zinc Ore	1	14
	Metal Ores, NEC	1	1
	Uranium - Vanadium Ores	1	14
	Total:	7	144
Non-metals*	Clay (Common)	1	3
	Nonmetallic Minerals, NEC	3	84
	Total:	4	87
Sand & Gravel	Sand & Gravel	240	1,643
	Total:	240	1,643
Stone	Cement	3	174
	Granite (Crushed & Broken)	2	12
	Lime	2	73
	Limestone (Crushed & Broken)	12	80
	Marble (Crushed & Broken)	1	59
	Sandstone (Crushed & Broken)	2	28
	Sandstone (Dimension)	1	2
	Stone, Crushed & Broken, NEC	29	171
	Stone, Dimension NEC	3	11
	Traprock (Crushed & Broken)	46	372
	Traprock (Dimension)	3	20
	Total:	104	1,002
Operators State Total:		356	3,434
<u>Contractors **</u>			
Coal			247
Metal and Nonmetal			718
<u>Operator & Contractor Totals</u>			
Coal		-	805
Metal and Nonmetal		-	3,594
	Total:	-	4,399

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 - 2001

West Virginia

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	457	17,677
		Total:	457 17,677
Metals	Iron Ore	4	29
		Total:	4 29
Non-metals*	Clay (Common)	1	3
		Total:	1 3
Sand & Gravel	Sand & Gravel	6	54
		Total:	6 54
Stone	Cement	1	203
	Limestone (Crushed & Broken)	29	533
	Limestone (Dimension)	1	60
	Sandstone (Crushed & Broken)	12	176
	Sandstone (Dimension)	1	8
		Total:	44 980
Operators State Total:		512	18,743
<u>Contractors **</u>			
Coal			9,650
Metal and Nonmetal			196
<u>Operator & Contractor Totals</u>			
Coal		-	27,327
Metal and Nonmetal		-	1,262
		Total:	- 28,589

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 - 2001

Wisconsin

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Clay (Fire)	1	11
	Nonmetallic Minerals, NEC	1	22
	Total:	2	33
Sand & Gravel	Sand & Gravel	359	1,406
	Total:	359	1,406
Stone	Granite (Crushed & Broken)	4	22
	Granite (Dimension)	6	38
	Lime	6	143
	Limestone (Crushed & Broken)	144	941
	Limestone (Dimension)	14	433
	Sandstone (Crushed & Broken)	3	102
	Sandstone (Dimension)	3	11
	Stone, Crushed & Broken, NEC	3	9
	Stone, Dimension NEC	4	53
	Traprock (Crushed & Broken)	2	88
	Total:	189	1,840
Operators State Total:		550	3,279
<u>Contractors **</u>			
Coal			282
Metal and Nonmetal			705
<u>Operator & Contractor Totals</u>			
Coal		-	282
Metal and Nonmetal		-	3,984
	Total:	-	4,266

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 - 2001

Wyoming

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	22	4,455
	Total:	22	4,455
Metals	Uranium	5	151
	Total:	5	151
Non-metals*	Clay (Common)	19	610
	Clay (Fire)	4	82
	Gypsum	2	14
	Leonardite	2	18
	Nonmetallic Minerals, NEC	1	4
	Oil Shale	1	2
	Shale (Common)	2	4
	Trona	6	2,528
	Total:	37	3,262
Sand & Gravel	Sand & Gravel	93	408
	Total:	93	408
Stone	Granite (Crushed & Broken)	2	75
	Granite (Dimension)	1	6
	Lime	1	13
	Limestone (Crushed & Broken)	6	147
	Limestone (Dimension)	1	17
	Marble (Crushed & Broken)	1	22
	Marble (Dimension)	1	6
	Stone, Crushed & Broken, NEC	2	12
	Stone, Dimension NEC	2	6
	Total:	17	304
Operators State Total:		174	8,580
<u>Contractors **</u>			
Coal			1,598
Metal and Nonmetal			678
<u>Operator & Contractor Totals</u>			
Coal		-	6,053
Metal and Nonmetal		-	4,803
	Total:	-	10,856

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 - 2001

U.S. Summary**

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Coal	Coal, Anthracite	172	1,268
	Coal, Bituminous	1,972	78,461
		Total:	79,729
Metals	Alumina (Mill)	7	3,067
	Aluminum Ore	5	133
	Beryl	1	98
	Chromite	4	30
	Copper Ore	37	8,249
	Gold (Lode and Placer)	121	9,676
	Iron Ore	27	5,857
	Lead and/or Zinc Ore	24	1,741
	Manganese	6	144
	Metal Ores, NEC	9	230
	Molybdenum	4	598
	Platinum Group	3	1,387
	Rare Earths	2	94
	Silver Ores	10	1,116
	Titanium	4	472
	Uranium	12	388
	Uranium - Vanadium Ores	2	27
Vanadium	1	75	
Zircon	2	26	
		Total:	33,408
Non-metals*	Aplite	1	32
	Asbestos	2	20
	Barite	29	557
	Boron Minerals	5	959
	Brucite	2	7
	Chemical and Fertilizer, NEC	4	257
	Clay (Common)	245	7,823
	Clay (Fire)	62	626
	Clay, Ceramic & Refractory, NEC	25	397
	Feldspar	13	318
	Fluorspar	2	10
	Gemstones	28	185
	Gilsonite	7	155
	Gypsum	58	1,019
	Kyanite	3	147
	Leonardite	4	43
	Lithium	1	4
	Magnesite	2	96
	Mica	15	264
	Nonmetallic Minerals, NEC	50	1,433
	Oil Shale	2	8
	Perlite	17	239
	Phosphate Rock	26	3,103
	Pigment Mineral	3	93
	Potash	5	1,041
	Pumice	46	301
	Salt (Evaporated)	6	164
Salt (Rock)	15	1,827	
Shale (Common)	71	700	
Sulfur	1	7	
Talc, Soapstone & Pyrophyllite	25	557	

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 - 2001

U.S. Summary** (Contd)

General Description	Product	Number of Mines	Average Employment
<u>Operators</u>			
Non-metals*	Trona	7	2,534
	Vermiculite	3	103
		Total:	785
Sand & Gravel	Sand & Gravel	7,131	44,913
			Total:
Stone	Cement	103	12,603
	Granite (Crushed & Broken)	305	7,363
	Granite (Dimension)	103	1,061
	Lime	66	3,257
	Limestone (Crushed & Broken)	2,084	38,070
	Limestone (Dimension)	115	1,989
	Marble (Crushed & Broken)	23	1,130
	Marble (Dimension)	16	166
	Sandstone (Crushed & Broken)	178	2,857
	Sandstone (Dimension)	182	1,585
	Slate (Crushed & Broken)	17	190
	Slate (Dimension)	76	908
	Stone, Crushed & Broken, NEC	549	5,061
	Stone, Dimension NEC	259	1,907
	Traprock (Crushed & Broken)	196	3,303
Traprock (Dimension)	10	137	
		Total:	4,282
<u>Operator Totals</u>			
Coal		2,144	79,729
Metal and Nonmetal		12,479	184,937
		Total:	14,623
<u>Contractor Totals</u>			
Coal		-	34,729
Metal and Nonmetal		-	47,833
		Total:	-
<u>Operator & Contractor Totals</u>			
Coal		-	114,458
Metal and Nonmetal		-	232,770
		Total:	-

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