

NMA - MSHA State Employment And Operations Report 2015



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National Mining Association's NMA – MSHA State Employment and Operations Report Final 2015 Data

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NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2015

Alabama

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	51	3,293
	Total:	51	3,293
Metals	Aluminum Ore	1	4
	Iron Ore	1	26
	Total:	2	30
Non-metals*	Clay (Common)	7	142
	Clay (Fire)	2	86
	Clay, Ceramic & Refractory, NEC	3	44
	Shale (Common)	5	22
	Total:	17	294
Sand & Gravel	Sand & Gravel	57	498
	Total:	57	498
Stone	Cement	5	610
	Granite (Crushed & Broken)	3	59
	Granite (Dimension)	2	22
	Lime	6	445
	Limestone (Crushed & Broken)	46	768
	Limestone (Dimension)	1	26
	Marble (Crushed & Broken)	2	336
	Marble (Dimension)	1	8
	Sandstone (Crushed & Broken)	3	49
	Sandstone (Dimension)	3	36
	Slate (Crushed & Broken)	2	10
	Stone, Crushed & Broken, NEC	6	52
	Total:	80	2,421
Operators State Total:		207	6,536
<u>Contractors **</u>			
Coal			1,011
Metal and Nonmetal			2,564
<u>Operator & Contractor Totals</u>			
Coal		-	4,304
Metal and Nonmetal		-	5,807
	Total:	-	10,111

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 - 2015

Alaska

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	2	114
	Total:	2	114
Metals	Gold (Lode and Placer)	43	1,577
	Lead and/or Zinc Ore	1	251
	Silver Ores	1	418
	Total:	45	2,246
Sand & Gravel	Sand & Gravel	83	416
	Total:	83	416
Stone	Granite (Crushed & Broken)	1	6
	Limestone (Crushed & Broken)	1	7
	Stone, Crushed & Broken, NEC	24	129
	Stone, Dimension NEC	1	7
	Total:	27	149
Operators State Total:		157	2,925
<u>Contractors **</u>			
Coal			6
Metal and Nonmetal			416
<u>Operator & Contractor Totals</u>			
Coal		-	120
Metal and Nonmetal		-	3,227
	Total:	-	3,347

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 - 2015

Arizona

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	1	403
	Total:	1	403
Metals	Copper Ore	19	8,812
	Gold (Lode and Placer)	5	35
	Iron Ore	1	3
	Uranium	3	56
	Total:	28	8,906
Non-metals*	Chemical and Fertilizer, NEC	2	2
	Clay (Common)	1	5
	Gemstones	1	15
	Gypsum	4	23
	Nonmetallic Minerals, NEC	1	11
	Perlite	1	7
	Potash, Soda & Borate Min'ls NEC	1	5
	Total:	11	68
Sand & Gravel	Sand & Gravel	165	1,378
	Total:	165	1,378
Stone	Cement	3	345
	Granite (Crushed & Broken)	11	98
	Granite (Dimension)	1	3
	Lime	2	93
	Limestone (Crushed & Broken)	2	26
	Marble (Crushed & Broken)	1	17
	Marble (Dimension)	1	3
	Sandstone (Crushed & Broken)	2	26
	Sandstone (Dimension)	11	84
	Stone, Crushed & Broken, NEC	25	160
	Stone, Dimension NEC	11	55
	Total:	70	910
Operators State Total:		275	11,665
<u>Contractors **</u>			
Coal			151
Metal and Nonmetal			5,957
<u>Operator & Contractor Totals</u>			
Coal		-	554
Metal and Nonmetal		-	17,219
	Total:	-	17,773

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 - 2015

Arkansas

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	3	81
	Total:	3	81
Metals	Alumina (Mill)	2	206
	Aluminum Ore	4	191
	Vanadium	1	84
	Total:	7	481
Non-metals*	Clay (Common)	1	4
	Clay (Fire)	2	8
	Clay, Ceramic & Refractory, NEC	1	4
	Gemstones	7	16
	Gypsum	1	77
	Total:	12	109
Sand & Gravel	Sand & Gravel	39	343
	Total:	39	343
Stone	Cement	1	140
	Granite (Crushed & Broken)	3	289
	Lime	1	33
	Limestone (Crushed & Broken)	40	507
	Limestone (Dimension)	3	64
	Sandstone (Crushed & Broken)	15	352
	Sandstone (Dimension)	2	38
	Slate (Crushed & Broken)	1	18
	Stone, Crushed & Broken, NEC	16	134
	Stone, Dimension NEC	11	99
	Traprock (Crushed & Broken)	1	42
	Total:	94	1,716
	Operators State Total:	155	2,730
<u>Contractors **</u>			
Coal			10
Metal and Nonmetal			650
<u>Operator & Contractor Totals</u>			
Coal		-	91
Metal and Nonmetal		-	3,299
	Total:	-	3,390

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 - 2015

California

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Metals	Gold (Lode and Placer)	13	539
	Iron Ore	2	10
	Rare Earths	1	399
	Tungsten	1	3
	Total:	17	951
Non-metals*	Boron Minerals	1	717
	Clay (Common)	6	143
	Clay (Fire)	1	9
	Clay, Ceramic & Refractory, NEC	4	53
	Gemstones	2	7
	Gypsum	5	68
	Nonmetallic Minerals, NEC	6	262
	Pumice	6	37
	Trona	1	6
Total:	32	1,302	
Sand & Gravel	Sand & Gravel	273	2,816
	Total:	273	2,816
Stone	Cement	10	1,402
	Granite (Crushed & Broken)	11	164
	Granite (Dimension)	2	10
	Lime	1	61
	Limestone (Crushed & Broken)	9	205
	Marble (Crushed & Broken)	1	4
	Sandstone (Crushed & Broken)	1	16
	Slate (Crushed & Broken)	4	9
	Stone, Crushed & Broken, NEC	74	815
	Stone, Dimension NEC	8	95
	Traprock (Crushed & Broken)	2	12
	Traprock (Dimension)	1	4
Total:	124	2,797	
Operators State Total:		446	7,866
<u>Contractors **</u>			
Coal			89
Metal and Nonmetal			3,380
<u>Operator & Contractor Totals</u>			
Coal		-	89
Metal and Nonmetal		-	11,246
Total:		-	11,335

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 - 2015

Colorado

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	15	1,670
	Total:	15	1,670
Metals	Gold (Lode and Placer)	12	629
	Molybdenum	2	914
	Silver Ores	2	124
	Total:	16	1,667
Non-metals*	Clay (Common)	2	6
	Clay (Fire)	1	1
	Clay, Ceramic & Refractory, NEC	1	1
	Gypsum	5	50
	Perlite	2	13
	Shale (Common)	2	38
	Total:	13	109
Sand & Gravel	Sand & Gravel	244	1,159
	Total:	244	1,159
Stone	Cement	3	353
	Granite (Crushed & Broken)	3	80
	Granite (Dimension)	1	3
	Lime	1	7
	Limestone (Crushed & Broken)	4	22
	Limestone (Dimension)	3	49
	Marble (Crushed & Broken)	1	3
	Marble (Dimension)	2	35
	Sandstone (Crushed & Broken)	3	43
	Sandstone (Dimension)	9	103
	Stone, Crushed & Broken, NEC	13	100
	Stone, Dimension NEC	6	70
	Total:	49	868
Operators State Total:		337	5,473
<u>Contractors **</u>			
Coal			677
Metal and Nonmetal			2,347
<u>Operator & Contractor Totals</u>			
Coal		-	2,347
Metal and Nonmetal		-	6,150
	Total:	-	8,497

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 - 2015

Connecticut

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Non-metals*	Clay (Fire)	1	2
	Total:	1	2
Sand & Gravel	Sand & Gravel	50	256
	Total:	50	256
Stone	Granite (Crushed & Broken)	6	17
	Limestone (Crushed & Broken)	4	86
	Marble (Crushed & Broken)	1	4
	Stone, Crushed & Broken, NEC	13	79
	Stone, Dimension NEC	8	44
	Traprock (Crushed & Broken)	10	229
	Total:	42	459
Operators State Total:		93	717
<u>Contractors **</u>			
Coal			7
Metal and Nonmetal			185
<u>Operator & Contractor Totals</u>			
Coal		-	7
Metal and Nonmetal		-	902
	Total:	-	909

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 - 2015

Delaware

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Metals	Manganese	1	39
	Total:	1	39
Sand & Gravel	Sand & Gravel	8	44
	Total:	8	44
Operators State Total:		9	83
<u>Contractors **</u>			
Coal			9
Metal and Nonmetal			62
<u>Operator & Contractor Totals</u>			
Coal		-	9
Metal and Nonmetal		-	145
	Total:	-	154

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 - 2015

Florida

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Metals	Titanium	1	115
	Total:	1	115
Non-metals*	Clay (Common)	2	126
	Clay, Ceramic & Refractory, NEC	1	30
	Nonmetallic Minerals, NEC	10	116
	Phosphate Rock	6	1,305
	Total:	19	1,577
Sand & Gravel	Sand & Gravel	22	309
	Total:	22	309
Stone	Cement	8	668
	Lime	1	6
	Limestone (Crushed & Broken)	76	1,602
	Limestone (Dimension)	1	5
	Sandstone (Crushed & Broken)	1	14
	Stone, Crushed & Broken, NEC	1	10
	Stone, Dimension NEC	1	12
	Total:	89	2,317
Operators State Total:		131	4,318
<u>Contractors **</u>			
Coal			336
Metal and Nonmetal			3,238
<u>Operator & Contractor Totals</u>			
Coal		-	336
Metal and Nonmetal		-	7,556
	Total:	-	7,892

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 - 2015

Georgia

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Non-metals*	Barite	1	42
	Chemical and Fertilizer, NEC	1	9
	Clay (Common)	35	2,733
	Clay (Fire)	2	19
	Clay, Ceramic & Refractory, NEC	2	13
	Mica	2	55
	Nonmetallic Minerals, NEC	1	67
	Shale (Common)	1	2
	Total:	45	2,940
Sand & Gravel	Sand & Gravel	18	208
		Total:	18
Stone	Cement	2	167
	Granite (Crushed & Broken)	54	977
	Granite (Dimension)	9	53
	Lime	3	22
	Limestone (Crushed & Broken)	7	111
	Marble (Crushed & Broken)	6	320
	Marble (Dimension)	2	31
	Sandstone (Crushed & Broken)	2	46
	Slate (Crushed & Broken)	1	7
	Slate (Dimension)	1	5
	Stone, Crushed & Broken, NEC	9	177
	Stone, Dimension NEC	23	172
	Total:	119	2,088
Operators State Total:		182	5,236
<u>Contractors **</u>			
Coal			80
Metal and Nonmetal			3,154
<u>Operator & Contractor Totals</u>			
Coal		-	80
Metal and Nonmetal		-	8,390
	Total:	-	8,470

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

* Excluding Stone, sand & gravel.

** Based on Contractor's mailing address state

NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2015

Hawaii

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Sand & Gravel	Sand & Gravel	16	55
	Total:	16	55
Stone	Stone, Crushed & Broken, NEC	21	154
	Stone, Dimension NEC	1	37
	Traprock (Crushed & Broken)	4	145
	Total:	26	336
Operators State Total:		42	391
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			40
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	431
	Total:	-	431

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 - 2015

Idaho

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Metals	Gold (Lode and Placer)	4	50
	Lead and/or Zinc Ore	1	13
	Molybdenum	1	51
	Silver Ores	5	589
	Total:	11	703
Non-metals*	Clay (Common)	1	7
	Gemstones	1	22
	Nonmetallic Minerals, NEC	2	26
	Phosphate Rock	4	418
	Pumice	3	78
	Total:	11	551
Sand & Gravel	Sand & Gravel	146	675
	Total:	146	675
Stone	Limestone (Crushed & Broken)	2	21
	Limestone (Dimension)	2	14
	Sandstone (Crushed & Broken)	1	5
	Sandstone (Dimension)	1	4
	Slate (Dimension)	1	37
	Stone, Crushed & Broken, NEC	20	130
	Stone, Dimension NEC	6	91
	Traprock (Crushed & Broken)	1	2
	Traprock (Dimension)	1	3
	Total:	35	307
Operators State Total:		203	2,236
<u>Contractors **</u>			
Coal			14
Metal and Nonmetal			1,201
<u>Operator & Contractor Totals</u>			
Coal		-	14
Metal and Nonmetal		-	3,437
	Total:	-	3,451

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 - 2015

Illinois

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	36	4,171
	Total:	36	4,171
Metals	Metal Ores, NEC	1	19
	Total:	1	19
Non-metals*	Clay (Common)	1	34
	Fluorspar	1	8
	Total:	2	42
Sand & Gravel	Sand & Gravel	90	551
	Total:	90	551
Stone	Cement	2	234
	Lime	1	6
	Limestone (Crushed & Broken)	128	1,796
	Limestone (Dimension)	3	11
	Sandstone (Crushed & Broken)	1	56
	Stone, Dimension NEC	2	5
	Total:	137	2,108
Operators State Total:		266	6,891
<u>Contractors **</u>			
Coal			1,407
Metal and Nonmetal			1,784
<u>Operator & Contractor Totals</u>			
Coal		-	5,578
Metal and Nonmetal		-	4,504
	Total:	-	10,082

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 - 2015

Indiana

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	37	3,369
	Total:	37	3,369
Metals	Iron Ore	1	3
	Total:	1	3
Non-metals*	Clay (Common)	2	8
	Gypsum	1	37
	Nonmetallic Minerals, NEC	1	153
	Shale (Common)	5	46
	Total:	9	244
Sand & Gravel	Sand & Gravel	115	649
	Total:	115	649
Stone	Cement	4	551
	Lime	1	85
	Limestone (Crushed & Broken)	89	1,397
	Limestone (Dimension)	15	225
	Stone, Crushed & Broken, NEC	1	8
	Stone, Dimension NEC	1	8
	Total:	111	2,274
Operators State Total:		273	6,539
<u>Contractors **</u>			
Coal			1,973
Metal and Nonmetal			1,312
<u>Operator & Contractor Totals</u>			
Coal		-	5,342
Metal and Nonmetal		-	4,482
	Total:	-	9,824

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 - 2015

Iowa

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Metals	Metal Ores, NEC	1	12
	Total:	1	12
Non-metals*	Clay (Common)	2	11
	Clay, Ceramic & Refractory, NEC	1	9
	Gypsum	6	145
	Total:	9	165
Sand & Gravel	Sand & Gravel	131	602
	Total:	131	602
Stone	Cement	2	217
	Lime	2	88
	Limestone (Crushed & Broken)	146	1,470
	Limestone (Dimension)	5	46
	Stone, Crushed & Broken, NEC	5	49
	Total:	160	1,870
Operators State Total:		301	2,649
<u>Contractors **</u>			
Coal			2
Metal and Nonmetal			1,395
<u>Operator & Contractor Totals</u>			
Coal		-	2
Metal and Nonmetal		-	4,044
	Total:	-	4,046

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 - 2015

Kansas

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	2	12
	Total:	2	12
Metals	Lead and/or Zinc Ore	1	2
	Total:	1	2
Non-metals*	Clay (Common)	1	25
	Clay (Fire)	2	4
	Clay, Ceramic & Refractory, NEC	1	1
	Gypsum	4	67
	Potash, Soda & Borate Min'ls NEC	1	12
	Pumice	1	3
	Salt (Rock)	3	191
	Total:	13	303
Sand & Gravel	Sand & Gravel	88	334
	Total:	88	334
Stone	Cement	2	276
	Limestone (Crushed & Broken)	61	542
	Limestone (Dimension)	14	88
	Sandstone (Crushed & Broken)	1	5
	Stone, Crushed & Broken, NEC	6	62
	Stone, Dimension NEC	10	36
	Total:	94	1,009
Operators State Total:		198	1,660
<u>Contractors **</u>			
Coal			25
Metal and Nonmetal			920
<u>Operator & Contractor Totals</u>			
Coal		-	37
Metal and Nonmetal		-	2,568
	Total:	-	2,605

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 - 2015

Kentucky

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	351	10,295
	Total:	351	10,295
Non-metals*	Clay (Common)	1	1
	Clay, Ceramic & Refractory, NEC	3	55
	Fluorspar	1	6
	Oil Sand	1	6
	Shale (Common)	3	31
	Total:	9	99
Sand & Gravel	Sand & Gravel	18	198
	Total:	18	198
Stone	Cement	1	152
	Lime	3	218
	Limestone (Crushed & Broken)	88	1,889
	Sandstone (Crushed & Broken)	1	31
	Stone, Crushed & Broken, NEC	2	28
	Total:	95	2,318
	Operators State Total:	473	12,910
<u>Contractors **</u>			
Coal			4,262
Metal and Nonmetal			1,130
<u>Operator & Contractor Totals</u>			
Coal		-	14,557
Metal and Nonmetal		-	3,745
	Total:	-	18,302

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 - 2015

Louisiana

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	2	307
	Total:	2	307
Metals	Alumina (Mill)	2	757
	Total:	2	757
Non-metals*	Barite	5	78
	Clay (Fire)	3	57
	Nonmetallic Minerals, NEC	1	60
	Salt (Rock)	3	542
	Total:	12	737
Sand & Gravel	Sand & Gravel	80	584
	Total:	80	584
Stone	Stone, Crushed & Broken, NEC	4	36
	Total:	4	36
Operators State Total:		100	2,421
<u>Contractors **</u>			
Coal			339
Metal and Nonmetal			1,254
<u>Operator & Contractor Totals</u>			
Coal		-	646
Metal and Nonmetal		-	3,368
	Total:	-	4,014

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 - 2015

Maine

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Non-metals*	Clay, Ceramic & Refractory, NEC	1	2
	Gemstones	2	8
	Total:	3	10
Sand & Gravel	Sand & Gravel	207	732
	Total:	207	732
Stone	Cement	1	85
	Granite (Crushed & Broken)	2	27
	Granite (Dimension)	3	13
	Limestone (Crushed & Broken)	4	33
	Stone, Crushed & Broken, NEC	16	72
	Stone, Dimension NEC	7	20
	Traprock (Crushed & Broken)	2	28
	Total:	35	278
Operators State Total:		245	1,020
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			96
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	1,116
	Total:	-	1,116

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 - 2015

Maryland

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	23	387
	Total:	23	387
Non-metals*	Shale (Common)	2	2
	Total:	2	2
Sand & Gravel	Sand & Gravel	24	305
	Total:	24	305
Stone	Cement	2	272
	Granite (Crushed & Broken)	4	120
	Granite (Dimension)	2	8
	Limestone (Crushed & Broken)	15	334
	Sandstone (Crushed & Broken)	2	6
	Sandstone (Dimension)	2	14
	Stone, Crushed & Broken, NEC	3	26
	Stone, Dimension NEC	1	7
	Traprock (Crushed & Broken)	2	70
	Traprock (Dimension)	1	27
	Total:	34	884
Operators State Total:		83	1,578
<u>Contractors **</u>			
Coal			1,617
Metal and Nonmetal			847
<u>Operator & Contractor Totals</u>			
Coal		-	2,004
Metal and Nonmetal		-	2,038
	Total:	-	4,042

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 - 2015

Massachusetts

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Non-metals*	Clay (Common)	1	2
	Shale (Common)	1	14
	Total:	2	16
Sand & Gravel	Sand & Gravel	95	412
	Total:	95	412
Stone	Granite (Crushed & Broken)	5	70
	Lime	2	167
	Limestone (Crushed & Broken)	3	20
	Slate (Dimension)	1	5
	Stone, Crushed & Broken, NEC	16	122
	Stone, Dimension NEC	10	143
	Traprock (Crushed & Broken)	14	193
	Total:	51	720
Operators State Total:		148	1,148
<u>Contractors **</u>			
Coal			2
Metal and Nonmetal			316
<u>Operator & Contractor Totals</u>			
Coal		-	2
Metal and Nonmetal		-	1,464
	Total:	-	1,466

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 - 2015

Michigan

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Metals	Chromite	1	6
	Iron Ore	6	1,169
	Nickel	2	197
	Total:	9	1,372
Non-metals*	Gypsum	3	22
	Oil Shale	1	4
	Salt (Rock)	1	58
	Total:	5	84
Sand & Gravel	Sand & Gravel	363	1,507
	Total:	363	1,507
Stone	Cement	3	402
	Lime	2	61
	Limestone (Crushed & Broken)	18	500
	Sandstone (Dimension)	1	8
	Stone, Crushed & Broken, NEC	2	8
	Stone, Dimension NEC	1	2
	Total:	27	981
Operators State Total:		404	3,944
<u>Contractors **</u>			
Coal			41
Metal and Nonmetal			1,485
<u>Operator & Contractor Totals</u>			
Coal		-	41
Metal and Nonmetal		-	5,429
Total:		-	5,470

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

* Excluding Stone, sand & gravel.

** Based on Contractor's mailing address state

NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2015

Minnesota

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Metals	Copper Ore	1	14
	Iron Ore	15	3,938
	Metal Ores, NEC	1	24
	Total:	17	3,976
Non-metals*	Clay (Common)	1	2
	Gemstones	1	5
	Total:	2	7
Sand & Gravel	Sand & Gravel	497	1,692
	Total:	497	1,692
Stone	Granite (Crushed & Broken)	9	88
	Granite (Dimension)	5	51
	Lime	1	3
	Limestone (Crushed & Broken)	33	180
	Limestone (Dimension)	3	51
	Sandstone (Crushed & Broken)	2	131
	Stone, Crushed & Broken, NEC	11	48
	Stone, Dimension NEC	1	4
Total:	65	556	
Operators State Total:		581	6,231
<u>Contractors **</u>			
Coal			226
Metal and Nonmetal			3,484
<u>Operator & Contractor Totals</u>			
Coal		-	226
Metal and Nonmetal		-	9,715
Total:		-	9,941

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 - 2015

Mississippi

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	2	330
	Total:	2	330
Non-metals*	Chemical and Fertilizer, NEC	2	6
	Clay (Common)	4	252
	Clay, Ceramic & Refractory, NEC	2	82
	Total:	8	340
Sand & Gravel	Sand & Gravel	50	417
	Total:	50	417
Stone	Limestone (Crushed & Broken)	2	9
	Stone, Crushed & Broken, NEC	1	6
	Total:	3	15
Operators State Total:		63	1,102
<u>Contractors **</u>			
Coal			38
Metal and Nonmetal			391
<u>Operator & Contractor Totals</u>			
Coal		-	368
Metal and Nonmetal		-	1,163
	Total:	-	1,531

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 - 2015

Missouri

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	1	15
	Total:	1	15
Metals	Iron Ore	1	4
	Lead and/or Zinc Ore	6	782
	Total:	7	786
Non-metals*	Clay (Common)	5	348
	Clay (Fire)	4	17
	Clay, Ceramic & Refractory, NEC	4	56
	Nonmetallic Minerals, NEC	1	13
	Shale (Common)	1	30
	Total:	15	464
Sand & Gravel	Sand & Gravel	60	351
	Total:	60	351
Stone	Cement	4	651
	Granite (Crushed & Broken)	3	211
	Granite (Dimension)	2	20
	Lime	3	677
	Limestone (Crushed & Broken)	191	2,164
	Limestone (Dimension)	11	364
	Sandstone (Crushed & Broken)	4	53
	Stone, Crushed & Broken, NEC	6	31
	Stone, Dimension NEC	1	1
	Traprock (Crushed & Broken)	1	39
	Total:	226	4,211
Operators State Total:		309	5,827
<u>Contractors **</u>			
Coal			334
Metal and Nonmetal			1,852
<u>Operator & Contractor Totals</u>			
Coal		-	349
Metal and Nonmetal		-	7,664
	Total:	-	8,013

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 - 2015

Montana

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	6	1,329
	Total:	6	1,329
Metals	Copper Ore	2	388
	Gold (Lode and Placer)	14	287
	Iron Ore	1	4
	Platinum Group	2	1,284
	Rare Earths	1	7
	Silver Ores	1	4
	Total:	21	1,974
Non-metals*	Gemstones	1	48
	Gypsum	1	1
	Talc, Soapstone & Pyrophyllite	6	247
	Total:	8	296
Sand & Gravel	Sand & Gravel	191	643
	Total:	191	643
Stone	Cement	2	158
	Granite (Crushed & Broken)	1	2
	Lime	1	39
	Limestone (Crushed & Broken)	1	20
	Limestone (Dimension)	1	1
	Sandstone (Dimension)	4	25
	Slate (Dimension)	3	9
	Stone, Crushed & Broken, NEC	4	17
	Stone, Dimension NEC	23	137
	Total:	40	408
Operators State Total:		266	4,650
<u>Contractors **</u>			
Coal			138
Metal and Nonmetal			670
<u>Operator & Contractor Totals</u>			
Coal		-	1,467
Metal and Nonmetal		-	3,991
	Total:	-	5,458

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 - 2015

Nebraska

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Non-metals*	Clay (Fire)	1	5
	Total:	1	5
Sand & Gravel	Sand & Gravel	140	513
	Total:	140	513
Stone	Cement	1	132
	Limestone (Crushed & Broken)	9	261
	Limestone (Dimension)	1	3
	Sandstone (Crushed & Broken)	1	2
	Stone, Crushed & Broken, NEC	2	6
	Stone, Dimension NEC	1	4
	Total:	15	408
Operators State Total:		156	926
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			502
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	1,428
	Total:	-	1,428

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 - 2015

Nevada

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Metals	Antimony	1	2
	Copper Ore	2	610
	Gold (Lode and Placer)	57	9,860
	Iron Ore	1	5
	Lithium	1	2
	Molybdenum	2	8
	Rare Earths	1	4
	Silver Ores	2	300
	Total:	67	10,791
Non-metals*	Barite	12	213
	Clay, Ceramic & Refractory, NEC	2	39
	Gemstones	4	317
	Gypsum	6	153
	Magnesite	1	112
	Nonmetallic Minerals, NEC	10	316
	Perlite	2	16
	Potash, Soda & Borate Min'ls NEC	2	7
	Pumice	1	4
	Salt (Rock)	1	9
	Total:	41	1,186
Sand & Gravel	Sand & Gravel	73	464
	Total:	73	464
Stone	Cement	1	103
	Lime	2	203
	Limestone (Crushed & Broken)	2	25
	Limestone (Dimension)	1	6
	Sandstone (Crushed & Broken)	2	44
	Sandstone (Dimension)	1	4
	Slate (Dimension)	1	23
	Stone, Crushed & Broken, NEC	9	49
	Stone, Dimension NEC	2	5
	Total:	21	462
	Operators State Total:	202	12,903
<u>Contractors **</u>			
Coal			20
Metal and Nonmetal			2,980
<u>Operator & Contractor Totals</u>			
Coal		-	20
Metal and Nonmetal		-	15,883
	Total:	-	15,903

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 - 2015

New Hampshire

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Sand & Gravel	Sand & Gravel	103	429
	Total:	103	429
Stone	Granite (Crushed & Broken)	7	74
	Granite (Dimension)	1	7
	Limestone (Crushed & Broken)	1	11
	Sandstone (Crushed & Broken)	2	10
	Sandstone (Dimension)	1	2
	Stone, Crushed & Broken, NEC	9	71
	Stone, Dimension NEC	3	37
	Traprock (Crushed & Broken)	2	15
	Total:	26	227
Operators State Total:		129	656
<u>Contractors **</u>			
Coal			8
Metal and Nonmetal			97
<u>Operator & Contractor Totals</u>			
Coal		-	8
Metal and Nonmetal		-	753
	Total:	-	761

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 - 2015

New Jersey

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Non-metals*	Nonmetallic Minerals, NEC	1	49
	Total:	1	49
Sand & Gravel	Sand & Gravel	50	449
	Total:	50	449
Stone	Granite (Crushed & Broken)	4	193
	Limestone (Crushed & Broken)	2	34
	Sandstone (Crushed & Broken)	1	26
	Stone, Crushed & Broken, NEC	2	51
	Traprock (Crushed & Broken)	7	221
	Total:	16	525
Operators State Total:		67	1,023
<u>Contractors **</u>			
Coal			50
Metal and Nonmetal			447
<u>Operator & Contractor Totals</u>			
Coal		-	50
Metal and Nonmetal		-	1,470
	Total:	-	1,520

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 - 2015

New Mexico

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	4	1,133
	Total:	4	1,133
Metals	Copper Ore	4	1,565
	Gold (Lode and Placer)	3	5
	Molybdenum	1	66
	Total:	8	1,636
Non-metals*	Chemical and Fertilizer, NEC	1	21
	Gemstones	1	2
	Gypsum	1	4
	Leonardite	1	2
	Nonmetallic Minerals, NEC	5	77
	Perlite	3	64
	Potash	4	1,164
	Pumice	4	29
	Salt (Evaporated)	3	123
	Total:	23	1,486
Sand & Gravel	Sand & Gravel	79	465
	Total:	79	465
Stone	Cement	2	90
	Limestone (Crushed & Broken)	14	114
	Limestone (Dimension)	3	17
	Marble (Dimension)	1	2
	Sandstone (Crushed & Broken)	3	13
	Stone, Crushed & Broken, NEC	19	124
	Stone, Dimension NEC	4	16
	Traprock (Crushed & Broken)	1	3
	Traprock (Dimension)	1	14
	Total:	48	393
Operators State Total:		162	5,113
<u>Contractors **</u>			
Coal			131
Metal and Nonmetal			756
<u>Operator & Contractor Totals</u>			
Coal		-	1,264
Metal and Nonmetal		-	4,736
	Total:	-	6,000

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 - 2015

New York

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Metals	Lead and/or Zinc Ore	1	11
	Metal Ores, NEC	2	71
	Total:	3	82
Non-metals*	Nonmetallic Minerals, NEC	5	128
	Salt (Rock)	2	547
	Shale (Common)	6	126
	Total:	13	801
Sand & Gravel	Sand & Gravel	365	1,443
	Total:	365	1,443
Stone	Cement	4	249
	Granite (Crushed & Broken)	4	77
	Granite (Dimension)	7	55
	Limestone (Crushed & Broken)	73	792
	Limestone (Dimension)	1	16
	Marble (Crushed & Broken)	1	4
	Sandstone (Crushed & Broken)	7	58
	Sandstone (Dimension)	10	42
	Slate (Crushed & Broken)	2	8
	Slate (Dimension)	7	14
	Stone, Crushed & Broken, NEC	29	165
	Stone, Dimension NEC	20	143
	Traprock (Crushed & Broken)	5	154
	Total:	170	1,777
Operators State Total:		551	4,103
<u>Contractors **</u>			
Coal			22
Metal and Nonmetal			795
<u>Operator & Contractor Totals</u>			
Coal		-	22
Metal and Nonmetal		-	4,898
	Total:	-	4,920

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 - 2015

North Carolina

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Metals	Alumina (Mill)	1	9
	Gold (Lode and Placer)	1	1
	Total:	2	10
Non-metals*	Clay (Common)	12	37
	Clay (Fire)	3	10
	Clay, Ceramic & Refractory, NEC	1	1
	Feldspar	4	123
	Gemstones	3	113
	Gypsum	1	55
	Mica	4	32
	Nonmetallic Minerals, NEC	1	34
	Phosphate Rock	1	351
	Shale (Common)	3	119
	Total:	33	875
Sand & Gravel	Sand & Gravel	46	395
	Total:	46	395
Stone	Granite (Crushed & Broken)	84	1,353
	Granite (Dimension)	1	16
	Lime	1	7
	Limestone (Crushed & Broken)	13	164
	Sandstone (Crushed & Broken)	2	19
	Sandstone (Dimension)	3	25
	Slate (Dimension)	2	9
	Stone, Crushed & Broken, NEC	9	49
	Stone, Dimension NEC	11	113
Traprock (Crushed & Broken)	4	83	
	Total:	130	1,838
Operators State Total:		211	3,118
<u>Contractors **</u>			
Coal			89
Metal and Nonmetal			2,484
<u>Operator & Contractor Totals</u>			
Coal			-
Metal and Nonmetal			-
Total:		-	5,691

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 - 2015

North Dakota

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	6	1,313
	Total:	6	1,313
Non-metals*	Leonardite	2	42
	Nonmetallic Minerals, NEC	1	1
	Total:	3	43
Sand & Gravel	Sand & Gravel	189	739
	Total:	189	739
Stone	Stone, Crushed & Broken, NEC	4	14
	Total:	4	14
Operators State Total:		202	2,109
<u>Contractors **</u>			
Coal			287
Metal and Nonmetal			198
<u>Operator & Contractor Totals</u>			
Coal		-	1,600
Metal and Nonmetal		-	994
	Total:	-	2,594

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 - 2015

Ohio

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	43	2,416
	Total:	43	2,416
Non-metals*	Clay (Common)	2	12
	Clay (Fire)	2	6
	Clay, Ceramic & Refractory, NEC	5	49
	Mica	1	17
	Salt (Rock)	2	371
	Shale (Common)	6	44
	Total:	18	499
Sand & Gravel	Sand & Gravel	152	1,026
	Total:	152	1,026
Stone	Cement	2	199
	Lime	5	354
	Limestone (Crushed & Broken)	92	1,426
	Limestone (Dimension)	4	22
	Sandstone (Crushed & Broken)	8	37
	Sandstone (Dimension)	5	54
	Stone, Crushed & Broken, NEC	1	3
	Stone, Dimension NEC	1	4
	Total:	118	2,099
	Operators State Total:	331	6,040
<u>Contractors **</u>			
Coal			1,984
Metal and Nonmetal			2,730
<u>Operator & Contractor Totals</u>			
Coal		-	4,400
Metal and Nonmetal		-	6,354
	Total:	-	10,754

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 - 2015

Oklahoma

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	7	164
	Total:	7	164
Non-metals*	Clay (Common)	2	5
	Clay, Ceramic & Refractory, NEC	3	12
	Gypsum	9	171
	Nonmetallic Minerals, NEC	2	4
	Shale (Common)	2	9
	Total:	18	201
Sand & Gravel	Sand & Gravel	43	246
	Total:	43	246
Stone	Cement	3	357
	Granite (Crushed & Broken)	3	83
	Granite (Dimension)	2	8
	Lime	1	55
	Limestone (Crushed & Broken)	51	955
	Limestone (Dimension)	13	105
	Sandstone (Crushed & Broken)	4	83
	Sandstone (Dimension)	23	191
	Stone, Crushed & Broken, NEC	17	189
	Stone, Dimension NEC	24	279
	Traprock (Dimension)	3	26
	Total:	144	2,331
Operators State Total:		212	2,942
<u>Contractors **</u>			
Coal			85
Metal and Nonmetal			428
<u>Operator & Contractor Totals</u>			
Coal		-	249
Metal and Nonmetal		-	3,206
	Total:	-	3,455

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 - 2015

Oregon

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Metals	Chromite	1	8
	Gold (Lode and Placer)	6	16
	Silver Ores	1	3
	Total:	8	27
Non-metals*	Chemical and Fertilizer, NEC	1	3
	Clay (Common)	1	1
	Gemstones	11	46
	Nonmetallic Minerals, NEC	5	179
	Perlite	2	27
	Pumice	1	11
	Total:	21	267
Sand & Gravel	Sand & Gravel	77	492
	Total:	77	492
Stone	Cement	1	111
	Granite (Crushed & Broken)	1	2
	Lime	1	13
	Limestone (Crushed & Broken)	1	20
	Stone, Crushed & Broken, NEC	135	723
	Stone, Dimension NEC	1	3
	Traprock (Crushed & Broken)	16	117
Total:	156	989	
Operators State Total:		262	1,775
<u>Contractors **</u>			
Coal			30
Metal and Nonmetal			713
<u>Operator & Contractor Totals</u>			
Coal		-	30
Metal and Nonmetal		-	2,488
Total:		-	2,518

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 - 2015

Pennsylvania

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Anthracite	136	1,214
	Coal, Bituminous	217	5,469
	Total:	353	6,683
Metals	Chromite	1	7
	Iron Ore	1	11
	Total:	2	18
Non-metals*	Clay (Common)	2	3
	Clay (Fire)	2	6
	Mica	1	10
	Nonmetallic Minerals, NEC	1	54
	Shale (Common)	2	4
	Total:	8	77
Sand & Gravel	Sand & Gravel	79	512
	Total:	79	512
Stone	Cement	8	733
	Granite (Crushed & Broken)	3	21
	Granite (Dimension)	1	14
	Lime	5	329
	Limestone (Crushed & Broken)	121	2,184
	Limestone (Dimension)	3	150
	Sandstone (Crushed & Broken)	56	477
	Sandstone (Dimension)	35	197
	Slate (Crushed & Broken)	12	30
	Slate (Dimension)	3	38
	Stone, Crushed & Broken, NEC	52	485
	Stone, Dimension NEC	89	380
	Traprock (Crushed & Broken)	10	299
	Total:	398	5,337
Operators State Total:		840	12,627
<u>Contractors **</u>			
Coal			5,121
Metal and Nonmetal			4,920
<u>Operator & Contractor Totals</u>			
Coal		-	11,804
Metal and Nonmetal		-	10,864
	Total:	-	22,668

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 - 2015

Puerto Rico

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Sand & Gravel	Sand & Gravel	19	123
	Total:	19	123
Stone	Cement	2	228
	Lime	1	17
	Limestone (Crushed & Broken)	22	340
	Sandstone (Crushed & Broken)	1	35
	Stone, Crushed & Broken, NEC	15	147
	Traprock (Crushed & Broken)	1	39
	Total:	42	806
	Operators State Total:	61	929
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			63
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	992
	Total:	-	992

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 - 2015

Rhode Island

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Sand & Gravel	Sand & Gravel	22	155
	Total:	22	155
Stone	Granite (Crushed & Broken)	3	42
	Stone, Crushed & Broken, NEC	5	37
	Traprock (Crushed & Broken)	1	11
	Total:	9	90
Operators State Total:		31	245
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			46
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	291
Total:		-	291

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 - 2015

South Carolina

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Metals	Gold (Lode and Placer)	1	109
	Total:	1	109
Non-metals*	Boron Minerals	1	4
	Clay (Common)	9	101
	Clay (Fire)	3	8
	Clay, Ceramic & Refractory, NEC	3	39
	Vermiculite	1	45
	Total:	17	197
Sand & Gravel	Sand & Gravel	29	210
	Total:	29	210
Stone	Cement	3	476
	Granite (Crushed & Broken)	24	385
	Limestone (Crushed & Broken)	5	65
	Stone, Crushed & Broken, NEC	4	54
	Stone, Dimension NEC	1	2
	Total:	37	982
	Operators State Total:	84	1,498
<u>Contractors **</u>			
Coal			55
Metal and Nonmetal			1,141
<u>Operator & Contractor Totals</u>			
Coal		-	55
Metal and Nonmetal		-	2,639
	Total:	-	2,694

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 - 2015

South Dakota

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Metals	Gold (Lode and Placer)	3	192
	Iron Ore	1	5
	Total:	4	197
Non-metals*	Chemical and Fertilizer, NEC	1	21
	Feldspar	3	17
	Mica	1	11
	Pigment Mineral	1	3
	Shale (Common)	1	3
	Total:	7	55
Sand & Gravel	Sand & Gravel	131	445
	Total:	131	445
Stone	Cement	1	126
	Granite (Crushed & Broken)	1	5
	Granite (Dimension)	3	19
	Lime	1	117
	Limestone (Crushed & Broken)	6	44
	Sandstone (Crushed & Broken)	2	56
	Stone, Crushed & Broken, NEC	3	61
	Stone, Dimension NEC	4	24
	Total:	21	452
Operators State Total:		163	1,149
<u>Contractors **</u>			
Coal			27
Metal and Nonmetal			212
<u>Operator & Contractor Totals</u>			
Coal		-	27
Metal and Nonmetal		-	1,361
	Total:	-	1,388

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 - 2015

Tennessee

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	20	317
	Total:	20	317
Metals	Lead and/or Zinc Ore	7	901
	Total:	7	901
Non-metals*	Barite	1	11
	Clay (Common)	7	268
	Clay, Ceramic & Refractory, NEC	1	3
	Total:	9	282
Sand & Gravel	Sand & Gravel	33	287
	Total:	33	287
Stone	Cement	3	208
	Granite (Crushed & Broken)	1	24
	Limestone (Crushed & Broken)	116	1,553
	Limestone (Dimension)	3	16
	Marble (Dimension)	3	37
	Sandstone (Crushed & Broken)	6	95
	Sandstone (Dimension)	2	30
	Stone, Crushed & Broken, NEC	8	88
	Stone, Dimension NEC	33	157
	Total:	175	2,208
Operators State Total:		244	3,995
<u>Contractors **</u>			
Coal			333
Metal and Nonmetal			2,188
<u>Operator & Contractor Totals</u>			
Coal		-	650
Metal and Nonmetal		-	5,866
	Total:	-	6,516

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 - 2015

Texas

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	17	2,768
	Total:	17	2,768
Metals	Alumina (Mill)	2	1,203
	Iron Ore	1	15
	Total:	3	1,218
Non-metals*	Barite	7	145
	Clay (Common)	19	364
	Clay (Fire)	4	16
	Clay, Ceramic & Refractory, NEC	3	21
	Gypsum	8	154
	Nonmetallic Minerals, NEC	14	65
	Oil Sand	1	8
	Pigment Mineral	1	50
	Salt (Rock)	2	256
	Shale (Common)	2	68
	Talc, Soapstone & Pyrophyllite	4	80
	Total:	65	1,227
Sand & Gravel	Sand & Gravel	227	2,846
	Total:	227	2,846
Stone	Cement	11	1,395
	Granite (Crushed & Broken)	3	9
	Granite (Dimension)	2	3
	Lime	7	391
	Limestone (Crushed & Broken)	174	2,703
	Limestone (Dimension)	41	667
	Marble (Crushed & Broken)	2	10
	Sandstone (Crushed & Broken)	8	369
	Sandstone (Dimension)	11	135
	Stone, Crushed & Broken, NEC	76	498
	Stone, Dimension NEC	41	875
	Traprock (Crushed & Broken)	3	53
	Traprock (Dimension)	1	48
	Total:	380	7,156
Operators State Total:		692	15,215
<u>Contractors **</u>			
Coal			1,964
Metal and Nonmetal			5,294
<u>Operator & Contractor Totals</u>			
Coal		-	4,732
Metal and Nonmetal		-	17,741
	Total:	-	22,473

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 - 2015

Utah

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	23	1,308
	Total:	23	1,308
Metals	Beryl	1	85
	Copper Ore	6	1,618
	Gold (Lode and Placer)	4	30
	Iron Ore	1	1
	Uranium	1	55
	Total:	13	1,789
Non-metals*	Chemical and Fertilizer, NEC	2	4
	Clay (Common)	4	72
	Gilsonite	3	112
	Gypsum	5	49
	Nonmetallic Minerals, NEC	1	22
	Oil Shale	1	17
	Phosphate Rock	1	159
	Salt (Rock)	1	93
	Shale (Common)	3	54
	Sodium Compounds	1	2
	Total:	22	584
Sand & Gravel	Sand & Gravel	187	1,014
	Total:	187	1,014
Stone	Cement	2	200
	Lime	1	75
	Limestone (Crushed & Broken)	4	20
	Limestone (Dimension)	2	16
	Sandstone (Dimension)	1	19
	Stone, Crushed & Broken, NEC	7	50
	Stone, Dimension NEC	8	64
	Total:	25	444
Operators State Total:		270	5,139
<u>Contractors **</u>			
Coal			1,229
Metal and Nonmetal			4,099
<u>Operator & Contractor Totals</u>			
Coal		-	2,537
Metal and Nonmetal		-	7,930
	Total:	-	10,467

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 - 2015

Vermont

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Non-metals*	Talc, Soapstone & Pyrophyllite	1	23
	Total:	1	23
Sand & Gravel	Sand & Gravel	75	222
	Total:	75	222
Stone	Granite (Dimension)	3	14
	Limestone (Crushed & Broken)	10	99
	Marble (Dimension)	1	31
	Sandstone (Crushed & Broken)	5	32
	Sandstone (Dimension)	2	3
	Slate (Crushed & Broken)	2	8
	Slate (Dimension)	25	258
	Stone, Crushed & Broken, NEC	34	248
	Stone, Dimension NEC	9	58
	Traprock (Dimension)	1	5
	Total:	92	756
Operators State Total:		168	1,001
<u>Contractors **</u>			
Coal			2
Metal and Nonmetal			175
<u>Operator & Contractor Totals</u>			
Coal		-	2
Metal and Nonmetal		-	1,176
	Total:	-	1,178

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 - 2015

Virgin Islands

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Stone	Limestone (Crushed & Broken)	1	33
	Stone, Crushed & Broken, NEC	1	11
	Traprock (Crushed & Broken)	1	25
	Total:	3	69
Operators State Total:		3	69
<u>Contractors **</u>			
Coal			0
Metal and Nonmetal			0
<u>Operator & Contractor Totals</u>			
Coal		-	0
Metal and Nonmetal		-	69
Total:		-	69

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 - 2015

Virginia

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	120	3,189
	Total:	120	3,189
Metals	Titanium	3	192
	Total:	3	192
Non-metals*	Aplite	1	23
	Clay, Ceramic & Refractory, NEC	3	195
	Gemstones	1	4
	Kyanite	2	155
	Pigment Mineral	1	22
	Shale (Common)	3	4
	Talc, Soapstone & Pyrophyllite	2	14
	Vermiculite	1	24
	Total:	14	441
Sand & Gravel	Sand & Gravel	30	225
	Total:	30	225
Stone	Cement	2	245
	Granite (Crushed & Broken)	34	707
	Granite (Dimension)	2	21
	Lime	2	194
	Limestone (Crushed & Broken)	43	820
	Limestone (Dimension)	1	12
	Sandstone (Crushed & Broken)	3	46
	Slate (Crushed & Broken)	3	13
	Slate (Dimension)	2	55
	Stone, Crushed & Broken, NEC	7	76
	Stone, Dimension NEC	3	43
	Traprock (Crushed & Broken)	4	160
	Total:	106	2,392
Operators State Total:		273	6,439
<u>Contractors **</u>			
Coal			2,128
Metal and Nonmetal			1,680
<u>Operator & Contractor Totals</u>			
Coal		-	5,317
Metal and Nonmetal		-	4,930
	Total:	-	10,247

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 - 2015

Washington

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	1	35
	Total:	1	35
Metals	Gold (Lode and Placer)	2	212
	Lead and/or Zinc Ore	1	229
	Total:	3	441
Non-metals*	Clay (Common)	1	4
	Nonmetallic Minerals, NEC	2	57
	Total:	3	61
Sand & Gravel	Sand & Gravel	176	1,114
	Total:	176	1,114
Stone	Cement	3	118
	Granite (Crushed & Broken)	2	9
	Lime	1	35
	Limestone (Crushed & Broken)	8	69
	Marble (Crushed & Broken)	1	63
	Marble (Dimension)	1	17
	Sandstone (Crushed & Broken)	2	8
	Slate (Dimension)	1	11
	Stone, Crushed & Broken, NEC	42	197
	Stone, Dimension NEC	2	9
	Traprock (Crushed & Broken)	28	203
	Traprock (Dimension)	1	4
	Total:	92	743
Operators State Total:		275	2,394
<u>Contractors **</u>			
Coal			54
Metal and Nonmetal			1,009
<u>Operator & Contractor Totals</u>			
Coal		-	89
Metal and Nonmetal		-	3,368
	Total:	-	3,457

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 - 2015

West Virginia

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	313	16,657
	Total:	313	16,657
Metals	Iron Ore	2	8
	Total:	2	8
Non-metals*	Clay (Common)	1	2
	Shale (Common)	1	1
	Talc, Soapstone & Pyrophyllite	1	42
	Total:	3	45
Sand & Gravel	Sand & Gravel	2	18
	Total:	2	18
Stone	Cement	1	152
	Lime	1	73
	Limestone (Crushed & Broken)	20	442
	Sandstone (Crushed & Broken)	6	51
	Sandstone (Dimension)	1	3
	Total:	29	721
Operators State Total:		349	17,449
<u>Contractors **</u>			
Coal			6,100
Metal and Nonmetal			1,099
<u>Operator & Contractor Totals</u>			
Coal		-	22,757
Metal and Nonmetal		-	1,891
	Total:	-	24,648

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 - 2015

Wisconsin

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Sand & Gravel	Sand & Gravel	364	1,253
	Total:	364	1,253
Stone	Granite (Crushed & Broken)	10	177
	Granite (Dimension)	1	2
	Lime	4	170
	Limestone (Crushed & Broken)	142	679
	Limestone (Dimension)	19	320
	Marble (Crushed & Broken)	1	8
	Sandstone (Crushed & Broken)	2	19
	Sandstone (Dimension)	4	21
	Stone, Crushed & Broken, NEC	4	11
	Stone, Dimension NEC	10	81
	Traprock (Crushed & Broken)	2	111
	Total:	199	1,599
Operators State Total:		563	2,852
<u>Contractors **</u>			
Coal			25
Metal and Nonmetal			2,476
<u>Operator & Contractor Totals</u>			
Coal		-	25
Metal and Nonmetal		-	5,328
	Total:	-	5,353

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 - 2015

Wyoming

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Bituminous	21	6,654
	Total:	21	6,654
Metals	Iron Ore	1	1
	Total:	1	1
Non-metals*	Chemical and Fertilizer, NEC	23	596
	Clay (Common)	1	68
	Clay (Fire)	1	60
	Clay, Ceramic & Refractory, NEC	1	20
	Gypsum	2	15
	Leonardite	2	9
	Oil Sand	1	25
	Oil Shale	1	5
	Trona	4	2,272
	Total:	36	3,070
Sand & Gravel	Sand & Gravel	106	478
	Total:	106	478
Stone	Cement	1	127
	Granite (Crushed & Broken)	1	40
	Lime	1	15
	Limestone (Crushed & Broken)	4	24
	Limestone (Dimension)	1	3
	Stone, Crushed & Broken, NEC	2	7
	Total:	10	216
Operators State Total:		174	10,419
<u>Contractors **</u>			
Coal			1,784
Metal and Nonmetal			810
<u>Operator & Contractor Totals</u>			
Coal		-	8,438
Metal and Nonmetal		-	4,575
	Total:	-	13,013

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 - 2015

U.S. Summary**

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Coal	Coal, Anthracite	136	1,214
	Coal, Bituminous	1,324	67,199
	Total:	1,460	68,413
Metals	Alumina (Mill)	7	2,175
	Aluminum Ore	5	195
	Antimony	1	2
	Beryl	1	85
	Chromite	3	21
	Copper Ore	34	13,007
	Gold (Lode and Placer)	168	13,542
	Iron Ore	36	5,203
	Lead and/or Zinc Ore	18	2,189
	Lithium	1	2
	Manganese	1	39
	Metal Ores, NEC	5	126
	Molybdenum	6	1,039
	Nickel	2	197
	Platinum Group	2	1,284
	Rare Earths	3	410
	Silver Ores	12	1,438
	Titanium	4	307
	Tungsten	1	3
Uranium	4	111	
Vanadium	1	84	
	Total:	315	41,459
Non-metals*	Aplite	1	23
	Barite	26	489
	Boron Minerals	2	721
	Chemical and Fertilizer, NEC	33	662
	Clay (Common)	134	4,786
	Clay (Fire)	34	314
	Clay, Ceramic & Refractory, NEC	46	729
	Feldspar	7	140
	Fluorspar	2	14
	Gemstones	35	603
	Gilsonite	3	112
	Gypsum	62	1,091
	Kyanite	2	155
	Leonardite	5	53
	Magnesite	1	112
	Mica	9	125
	Nonmetallic Minerals, NEC	71	1,694
	Oil Sand	3	39
	Oil Shale	3	26
	Perlite	10	127
	Phosphate Rock	12	2,233
	Pigment Mineral	3	75
	Potash	4	1,164
	Potash, Soda & Borate Min'ls NEC	4	24
	Pumice	16	162
	Salt (Evaporated)	3	123
	Salt (Rock)	15	2,067
	Shale (Common)	49	617
	Sodium Compounds	1	2

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 - 2015

U.S. Summary** (Contd)

General Description	Product	Number of Operations	Average Employment
<u>Operators</u>			
Non-metals*	Talc, Soapstone & Pyrophyllite	14	406
	Trona	5	2,278
	Vermiculite	2	69
	Total:	617	21,235
Sand & Gravel	Sand & Gravel	5,927	32,697
	Total:	5,927	32,697
Stone	Cement	106	11,932
	Granite (Crushed & Broken)	301	5,409
	Granite (Dimension)	50	342
	Lime	65	4,059
	Limestone (Crushed & Broken)	1,904	26,586
	Limestone (Dimension)	155	2,297
	Marble (Crushed & Broken)	17	769
	Marble (Dimension)	12	164
	Sandstone (Crushed & Broken)	160	2,313
	Sandstone (Dimension)	132	1,038
	Slate (Crushed & Broken)	27	103
	Slate (Dimension)	47	464
	Stone, Crushed & Broken, NEC	795	5,867
	Stone, Dimension NEC	400	3,342
	Traprock (Crushed & Broken)	122	2,254
Traprock (Dimension)	10	131	
Total:	4,303	67,070	
<u>Operator Totals</u>			
Coal		1,460	68,413
Metal and Nonmetal		11,162	162,461
Total:		12,622	230,874
<u>Contractor Totals</u>			
Coal		-	34,358
Metal and Nonmetal		-	77,677
Total:		-	112,035
<u>Operator & Contractor Totals</u>			
Coal		-	102,771
Metal and Nonmetal		-	240,138
Total:		-	342,909

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