

# NMA - MSHA State Employment And Operations Report 2018



101 Constitution Avenue, NW, Suite 500E, Washington, DC 20001

202/463-2600

*Visit us at <http://www.nma.org>*

**National Mining Association's  
NMA – MSHA State Employment and Operations Report  
Final 2018 Data**

**Contents**

1. State - Number of Mines and Average Employment by State Listing - 2018
2. National - Number of Mines and Average Employment U.S. Summary Listing - 2018

# NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2018

## Alabama

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	41	2,922
	Total:	41	2,922
<b>Metals</b>	Aluminum Ore	2	4
	Iron Ore	1	33
	Total:	3	37
<b>Non-metals*</b>	Clay (Common)	5	82
	Clay (Fire)	3	80
	Clay, Ceramic & Refractory, NEC	4	64
	Shale (Common)	4	11
	Total:	16	237
<b>Sand &amp; Gravel</b>	Sand & Gravel	50	556
	Total:	50	556
<b>Stone</b>	Cement	5	589
	Granite (Crushed & Broken)	3	66
	Granite (Dimension)	2	25
	Lime	6	433
	Limestone (Crushed & Broken)	46	769
	Limestone (Dimension)	1	24
	Marble (Crushed & Broken)	2	358
	Marble (Dimension)	1	6
	Sandstone (Crushed & Broken)	3	43
	Sandstone (Dimension)	5	57
	Slate (Crushed & Broken)	2	11
	Stone, Crushed & Broken, NEC	6	35
	Stone, Dimension NEC	1	5
	Total:	83	2,421
	<b>Operators State Total:</b>	<b>193</b>	<b>6,173</b>
<b><u>Contractors **</u></b>			
<b>Coal</b>			713
<b>Metal and Nonmetal</b>			2,501
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	3,635
<b>Metal and Nonmetal</b>		-	5,752
	<b>Total:</b>	<b>-</b>	<b>9,387</b>

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

\* Excluding Stone, sand & gravel.

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

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2018

### Alaska

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	2	101
	Total:	2	101
<b>Metals</b>	Gold (Lode and Placer)	51	1,646
	Lead and/or Zinc Ore	1	272
	Silver Ores	1	426
	Total:	53	2,344
<b>Sand &amp; Gravel</b>	Sand & Gravel	93	419
	Total:	93	419
<b>Stone</b>	Limestone (Crushed & Broken)	1	3
	Stone, Crushed & Broken, NEC	19	124
	Stone, Dimension NEC	1	5
	Traprock (Crushed & Broken)	1	4
	Total:	22	136
<b>Operators State Total:</b>		170	3,000
<b><u>Contractors **</u></b>			
<b>Coal</b>			0
<b>Metal and Nonmetal</b>			505
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	101
<b>Metal and Nonmetal</b>		-	3,404
	<b>Total:</b>	-	3,505

*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 - 2018

## Arizona

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	1	416
	Total:	1	416
<b>Metals</b>	Copper Ore	19	9,277
	Gold (Lode and Placer)	10	135
	Iron Ore	1	5
	Lead and/or Zinc Ore	1	159
	Uranium	1	9
	Total:	32	9,585
<b>Non-metals*</b>	Chemical and Fertilizer, NEC	2	2
	Clay (Common)	1	1
	Gemstones	1	13
	Gypsum	3	21
	Nonmetallic Minerals, NEC	1	2
	Perlite	1	7
	Total:	9	46
<b>Sand &amp; Gravel</b>	Sand & Gravel	182	1,543
	Total:	182	1,543
<b>Stone</b>	Cement	3	365
	Granite (Crushed & Broken)	11	109
	Granite (Dimension)	1	2
	Lime	2	85
	Limestone (Crushed & Broken)	1	19
	Marble (Crushed & Broken)	1	27
	Marble (Dimension)	1	3
	Sandstone (Crushed & Broken)	2	44
	Sandstone (Dimension)	7	55
	Stone, Crushed & Broken, NEC	25	147
	Stone, Dimension NEC	12	59
	Total:	66	915
<b>Operators State Total:</b>		290	12,505
<b><u>Contractors **</u></b>			
<b>Coal</b>			321
<b>Metal and Nonmetal</b>			5,235
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	737
<b>Metal and Nonmetal</b>		-	17,324
	<b>Total:</b>	-	18,061

*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 - 2018

## Arkansas

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	1	4
	Total:	1	4
<b>Metals</b>	Alumina (Mill)	1	146
	Aluminum Ore	4	161
	Vanadium	1	31
	Total:	6	338
<b>Non-metals*</b>	Clay (Common)	1	3
	Clay (Fire)	2	11
	Gemstones	6	15
	Gypsum	1	63
	Total:	10	92
<b>Sand &amp; Gravel</b>	Sand & Gravel	36	364
	Total:	36	364
<b>Stone</b>	Cement	1	154
	Granite (Crushed & Broken)	3	317
	Lime	1	32
	Limestone (Crushed & Broken)	37	476
	Limestone (Dimension)	3	50
	Sandstone (Crushed & Broken)	15	346
	Sandstone (Dimension)	1	40
	Slate (Crushed & Broken)	1	20
	Stone, Crushed & Broken, NEC	17	151
	Stone, Dimension NEC	9	81
	Traprock (Crushed & Broken)	1	41
	Total:	89	1,708
<b>Operators State Total:</b>		142	2,506
<b><u>Contractors **</u></b>			
<b>Coal</b>			4
<b>Metal and Nonmetal</b>			703
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	8
<b>Metal and Nonmetal</b>		-	3,205
	<b>Total:</b>	-	3,213

*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 - 2018

## California

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Gold (Lode and Placer)	8	572
	Iron Ore	3	12
	Rare Earths	1	190
	Total:	12	774
<b>Non-metals*</b>	Boron Minerals	1	670
	Chemical and Fertilizer, NEC	1	3
	Clay (Common)	5	131
	Clay (Fire)	1	8
	Clay, Ceramic & Refractory, NEC	4	54
	Gemstones	3	7
	Gypsum	5	86
	Nonmetallic Minerals, NEC	4	242
	Potash	1	6
	Pumice	3	20
	Trona	1	6
	Total:	29	1,233
<b>Sand &amp; Gravel</b>	Sand & Gravel	270	3,224
	Total:	270	3,224
<b>Stone</b>	Cement	9	1,240
	Granite (Crushed & Broken)	10	169
	Granite (Dimension)	1	7
	Lime	1	66
	Limestone (Crushed & Broken)	9	235
	Limestone (Dimension)	1	11
	Marble (Crushed & Broken)	1	5
	Sandstone (Crushed & Broken)	1	5
	Slate (Crushed & Broken)	4	13
	Stone, Crushed & Broken, NEC	73	909
	Stone, Dimension NEC	8	73
	Traprock (Crushed & Broken)	2	15
	Traprock (Dimension)	1	8
Total:	121	2,756	
<b>Operators State Total:</b>		432	7,987
<b><u>Contractors **</u></b>			
<b>Coal</b>			88
<b>Metal and Nonmetal</b>			3,088
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	88
<b>Metal and Nonmetal</b>		-	11,075
<b>Total:</b>		-	11,163

*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 - 2018

## Colorado

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	12	1,294
	Total:	12	1,294
<b>Metals</b>	Gold (Lode and Placer)	12	644
	Molybdenum	2	755
	Silver Ores	2	17
	Total:	16	1,416
<b>Non-metals*</b>	Clay (Common)	2	6
	Clay (Fire)	1	2
	Gemstones	3	13
	Gypsum	3	20
	Perlite	2	10
	Shale (Common)	2	39
	Total:	13	90
<b>Sand &amp; Gravel</b>	Sand & Gravel	255	1,299
	Total:	255	1,299
<b>Stone</b>	Cement	3	343
	Granite (Crushed & Broken)	2	77
	Granite (Dimension)	1	5
	Limestone (Crushed & Broken)	3	20
	Limestone (Dimension)	3	35
	Marble (Dimension)	1	43
	Sandstone (Crushed & Broken)	4	48
	Sandstone (Dimension)	10	107
	Stone, Crushed & Broken, NEC	14	113
	Stone, Dimension NEC	8	91
	Total:	49	882
	<b>Operators State Total:</b>	<b>345</b>	<b>4,981</b>
<b><u>Contractors **</u></b>			
<b>Coal</b>			414
<b>Metal and Nonmetal</b>			2,137
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	1,708
<b>Metal and Nonmetal</b>		-	5,824
	<b>Total:</b>	<b>-</b>	<b>7,532</b>

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

\* Excluding Stone, sand & gravel.

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

# NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2018

## Connecticut

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Non-metals*</b>	Clay (Fire)	1	3
	Total:	1	3
<b>Sand &amp; Gravel</b>	Sand & Gravel	56	263
	Total:	56	263
<b>Stone</b>	Granite (Crushed & Broken)	6	34
	Limestone (Crushed & Broken)	6	90
	Marble (Crushed & Broken)	1	6
	Stone, Crushed & Broken, NEC	17	100
	Stone, Dimension NEC	6	41
	Traprock (Crushed & Broken)	7	217
	Total:	43	488
<b>Operators State Total:</b>		100	754
<b><u>Contractors **</u></b>			
<b>Coal</b>			8
<b>Metal and Nonmetal</b>			168
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	8
<b>Metal and Nonmetal</b>		-	922
	<b>Total:</b>	-	930

*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 - 2018

### Delaware

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
Metals	Manganese	1	31
	Total:	1	31
Sand & Gravel	Sand & Gravel	8	61
	Total:	8	61
<b>Operators State Total:</b>		9	92
<b><u>Contractors **</u></b>			
Coal			18
Metal and Nonmetal			20
<b><u>Operator &amp; Contractor Totals</u></b>			
Coal		-	18
Metal and Nonmetal		-	112
	<b>Total:</b>	-	130

*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 - 2018

### Florida

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Titanium	2	260
	Total:	2	260
<b>Non-metals*</b>	Clay (Common)	2	133
	Clay, Ceramic & Refractory, NEC	1	36
	Leonardite	1	26
	Nonmetallic Minerals, NEC	9	116
	Phosphate Rock	6	1,290
	Total:	19	1,601
<b>Sand &amp; Gravel</b>	Sand & Gravel	23	241
	Total:	23	241
<b>Stone</b>	Cement	8	686
	Limestone (Crushed & Broken)	78	1,783
	Limestone (Dimension)	2	15
	Sandstone (Crushed & Broken)	1	3
	Stone, Crushed & Broken, NEC	2	19
	Total:	91	2,506
<b>Operators State Total:</b>		135	4,608
<b><u>Contractors **</u></b>			
<b>Coal</b>			205
<b>Metal and Nonmetal</b>			2,916
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	205
<b>Metal and Nonmetal</b>		-	7,524
	<b>Total:</b>	-	7,729

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

\* Excluding Stone, sand & gravel.

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

# NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2018

## Georgia

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Non-metals*</b>	Barite	1	42
	Chemical and Fertilizer, NEC	1	6
	Clay (Common)	31	2,552
	Clay (Fire)	2	18
	Clay, Ceramic & Refractory, NEC	2	14
	Mica	2	56
	Nonmetallic Minerals, NEC	1	78
	Shale (Common)	1	2
	Total:	41	2,768
<b>Sand &amp; Gravel</b>	Sand & Gravel	15	187
		Total:	15
<b>Stone</b>	Cement	2	175
	Granite (Crushed & Broken)	52	1,089
	Granite (Dimension)	7	44
	Lime	2	16
	Limestone (Crushed & Broken)	6	120
	Marble (Crushed & Broken)	6	375
	Marble (Dimension)	2	30
	Sandstone (Crushed & Broken)	2	48
	Slate (Crushed & Broken)	1	9
	Slate (Dimension)	1	3
	Stone, Crushed & Broken, NEC	9	203
	Stone, Dimension NEC	22	171
	Total:	112	2,283
<b>Operators State Total:</b>		168	5,238
<b><u>Contractors **</u></b>			
<b>Coal</b>			62
<b>Metal and Nonmetal</b>			3,231
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	62
<b>Metal and Nonmetal</b>		-	8,469
	Total:	-	8,531

*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 - 2018

### Hawaii

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Sand &amp; Gravel</b>	Sand & Gravel	15	58
	Total:	15	58
<b>Stone</b>	Stone, Crushed & Broken, NEC	16	149
	Stone, Dimension NEC	1	41
	Traprock (Crushed & Broken)	4	133
	Total:	21	323
	<b>Operators State Total:</b>	36	381
<b><u>Contractors **</u></b>			
<b>Coal</b>			0
<b>Metal and Nonmetal</b>			60
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	0
<b>Metal and Nonmetal</b>		-	441
	<b>Total:</b>	-	441

*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 - 2018

### Idaho

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Cobalt	2	22
	Copper Ore	1	1
	Gold (Lode and Placer)	4	33
	Molybdenum	1	57
	Total:	8	113
<b>Non-metals*</b>	Clay (Common)	1	4
	Nonmetallic Minerals, NEC	3	30
	Total:	4	34
<b>Sand &amp; Gravel</b>	Sand & Gravel	98	549
	Total:	98	549
<b>Stone</b>	Limestone (Crushed & Broken)	1	8
	Sandstone (Dimension)	1	4
	Slate (Dimension)	1	35
	Stone, Crushed & Broken, NEC	6	27
	Stone, Dimension NEC	6	112
	Traprock (Crushed & Broken)	1	2
Total:	16	188	
<b>Operators State Total:</b>		126	884
<b><u>Contractors **</u></b>			
<b>Coal</b>			71
<b>Metal and Nonmetal</b>			975
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	71
<b>Metal and Nonmetal</b>		-	1,859
<b>Total:</b>		-	1,930

*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 - 2018

### Illinois

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	34	3,151
	Total:	34	3,151
<b>Metals</b>	Metal Ores, NEC	1	21
	Total:	1	21
<b>Non-metals*</b>	Clay (Common)	1	29
	Fluorspar	1	10
	Total:	2	39
<b>Sand &amp; Gravel</b>	Sand & Gravel	94	533
	Total:	94	533
<b>Stone</b>	Cement	3	228
	Lime	1	3
	Limestone (Crushed & Broken)	117	1,662
	Limestone (Dimension)	3	13
	Sandstone (Crushed & Broken)	1	94
	Stone, Dimension NEC	1	5
	Total:	126	2,005
<b>Operators State Total:</b>		257	5,749
<b><u>Contractors **</u></b>			
<b>Coal</b>			905
<b>Metal and Nonmetal</b>			1,766
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	4,056
<b>Metal and Nonmetal</b>		-	4,364
	<b>Total:</b>	-	8,420

*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 - 2018

## Indiana

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	31	2,988
	Total:	31	2,988
<b>Metals</b>	Iron Ore	1	3
	Total:	1	3
<b>Non-metals*</b>	Clay (Common)	2	8
	Clay, Ceramic & Refractory, NEC	1	7
	Gypsum	1	49
	Nonmetallic Minerals, NEC	2	11
	Shale (Common)	3	39
	Total:	9	114
<b>Sand &amp; Gravel</b>	Sand & Gravel	117	700
	Total:	117	700
<b>Stone</b>	Cement	4	545
	Lime	2	86
	Limestone (Crushed & Broken)	86	1,468
	Limestone (Dimension)	17	253
	Stone, Crushed & Broken, NEC	1	9
	Stone, Dimension NEC	2	9
	Total:	112	2,370
	<b>Operators State Total:</b>	270	6,175
<b><u>Contractors **</u></b>			
<b>Coal</b>			993
<b>Metal and Nonmetal</b>			1,279
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	3,981
<b>Metal and Nonmetal</b>		-	4,466
	<b>Total:</b>	-	8,447

*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 - 2018

### Iowa

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Metal Ores, NEC	1	14
	Total:	1	14
<b>Non-metals*</b>	Clay (Common)	2	7
	Clay, Ceramic & Refractory, NEC	1	2
	Gypsum	8	126
	Total:	11	135
<b>Sand &amp; Gravel</b>	Sand & Gravel	135	618
	Total:	135	618
<b>Stone</b>	Cement	2	223
	Lime	1	76
	Limestone (Crushed & Broken)	137	1,485
	Limestone (Dimension)	4	39
	Stone, Crushed & Broken, NEC	4	14
	Total:	148	1,837
<b>Operators State Total:</b>		295	2,604
<b><u>Contractors **</u></b>			
<b>Coal</b>			14
<b>Metal and Nonmetal</b>			962
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	14
<b>Metal and Nonmetal</b>		-	3,566
	<b>Total:</b>	-	3,580

*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 - 2018

### Kansas

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Non-metals*</b>	Clay (Fire)	2	6
	Gypsum	3	61
	Potash, Soda & Borate Min'ls NEC	1	12
	Pumice	1	5
	Salt (Rock)	3	164
	Total:	10	248
<b>Sand &amp; Gravel</b>	Sand & Gravel	95	381
	Total:	95	381
<b>Stone</b>	Cement	2	282
	Granite (Crushed & Broken)	1	1
	Limestone (Crushed & Broken)	70	554
	Limestone (Dimension)	12	53
	Sandstone (Crushed & Broken)	1	8
	Stone, Crushed & Broken, NEC	4	37
	Stone, Dimension NEC	14	57
	Total:	104	992
<b>Operators State Total:</b>		209	1,621
<b><u>Contractors **</u></b>			
<b>Coal</b>			16
<b>Metal and Nonmetal</b>			1,246
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	16
<b>Metal and Nonmetal</b>		-	2,867
	<b>Total:</b>	-	2,883

*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 - 2018

## Kentucky

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	253	6,839
	Total:	253	6,839
<b>Non-metals*</b>	Clay (Common)	1	1
	Clay, Ceramic & Refractory, NEC	3	63
	Fluorspar	1	3
	Shale (Common)	3	30
	Total:	8	97
<b>Sand &amp; Gravel</b>	Sand & Gravel	15	137
	Total:	15	137
<b>Stone</b>	Cement	1	155
	Lime	3	197
	Limestone (Crushed & Broken)	87	2,036
	Sandstone (Crushed & Broken)	1	30
	Stone, Crushed & Broken, NEC	2	25
	Total:	94	2,443
	<b>Operators State Total:</b>	370	9,516
<b><u>Contractors **</u></b>			
<b>Coal</b>			2,919
<b>Metal and Nonmetal</b>			1,203
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	9,758
<b>Metal and Nonmetal</b>		-	3,880
	<b>Total:</b>	-	13,638

*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 - 2018

### Louisiana

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	2	321
	Total:	2	321
<b>Metals</b>	Alumina (Mill)	2	797
	Total:	2	797
<b>Non-metals*</b>	Barite	5	74
	Clay (Fire)	3	62
	Nonmetallic Minerals, NEC	1	71
	Salt (Rock)	3	493
	Total:	12	700
<b>Sand &amp; Gravel</b>	Sand & Gravel	71	519
	Total:	71	519
<b>Stone</b>	Stone, Crushed & Broken, NEC	3	15
	Total:	3	15
<b>Operators State Total:</b>		90	2,352
<b><u>Contractors **</u></b>			
<b>Coal</b>			97
<b>Metal and Nonmetal</b>			1,124
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	418
<b>Metal and Nonmetal</b>		-	3,155
	<b>Total:</b>	-	3,573

*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 - 2018

### Maine

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Non-metals*</b>	Clay, Ceramic & Refractory, NEC	1	2
	Gemstones	1	4
	Total:	2	6
<b>Sand &amp; Gravel</b>	Sand & Gravel	225	789
	Total:	225	789
<b>Stone</b>	Cement	1	100
	Granite (Crushed & Broken)	2	36
	Granite (Dimension)	3	11
	Limestone (Crushed & Broken)	5	40
	Stone, Crushed & Broken, NEC	17	72
	Stone, Dimension NEC	6	17
	Traprock (Crushed & Broken)	2	24
	Total:	36	300
<b>Operators State Total:</b>		263	1,095
<b><u>Contractors **</u></b>			
<b>Coal</b>			0
<b>Metal and Nonmetal</b>			88
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	0
<b>Metal and Nonmetal</b>		-	1,183
	<b>Total:</b>	-	1,183

*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 - 2018

### Maryland

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	17	310
	Total:	17	310
<b>Non-metals*</b>	Shale (Common)	2	2
	Total:	2	2
<b>Sand &amp; Gravel</b>	Sand & Gravel	22	285
	Total:	22	285
<b>Stone</b>	Cement	2	271
	Granite (Crushed & Broken)	4	147
	Granite (Dimension)	1	6
	Limestone (Crushed & Broken)	13	337
	Sandstone (Crushed & Broken)	2	8
	Sandstone (Dimension)	1	7
	Stone, Crushed & Broken, NEC	1	29
	Stone, Dimension NEC	3	33
	Traprock (Crushed & Broken)	2	92
	Total:	29	930
<b>Operators State Total:</b>		70	1,527
<b><u>Contractors **</u></b>			
<b>Coal</b>			2,042
<b>Metal and Nonmetal</b>			757
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	2,352
<b>Metal and Nonmetal</b>		-	1,974
	<b>Total:</b>	-	4,326

*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 - 2018

### Massachusetts

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Non-metals*</b>	Clay (Common)	1	3
	Shale (Common)	1	12
	Total:	2	15
<b>Sand &amp; Gravel</b>	Sand & Gravel	91	402
	Total:	91	402
<b>Stone</b>	Granite (Crushed & Broken)	4	69
	Lime	2	167
	Limestone (Crushed & Broken)	2	24
	Slate (Dimension)	1	5
	Stone, Crushed & Broken, NEC	16	131
	Stone, Dimension NEC	10	105
	Traprock (Crushed & Broken)	14	208
	Total:	49	709
<b>Operators State Total:</b>		142	1,126
<b><u>Contractors **</u></b>			
<b>Coal</b>			5
<b>Metal and Nonmetal</b>			361
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	5
<b>Metal and Nonmetal</b>		-	1,487
	<b>Total:</b>	-	1,492

*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 - 2018

### Michigan

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Chromite	1	5
	Iron Ore	4	867
	Nickel	2	212
	Total:	7	1,084
<b>Non-metals*</b>	Gypsum	2	33
	Oil Shale	1	5
	Salt (Rock)	1	72
	Total:	4	110
<b>Sand &amp; Gravel</b>	Sand & Gravel	359	1,473
	Total:	359	1,473
<b>Stone</b>	Cement	3	413
	Lime	2	58
	Limestone (Crushed & Broken)	21	567
	Sandstone (Dimension)	1	7
	Stone, Crushed & Broken, NEC	4	12
	Total:	31	1,057
<b>Operators State Total:</b>		401	3,724
<b><u>Contractors **</u></b>			
<b>Coal</b>			9
<b>Metal and Nonmetal</b>			1,572
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	9
<b>Metal and Nonmetal</b>		-	5,296
<b>Total:</b>		-	5,305

*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 - 2018

## Minnesota

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Copper Ore	1	30
	Iron Ore	12	3,685
	Total:	13	3,715
<b>Non-metals*</b>	Clay (Common)	1	1
	Gemstones	1	4
	Total:	2	5
<b>Sand &amp; Gravel</b>	Sand & Gravel	508	1,737
	Total:	508	1,737
<b>Stone</b>	Granite (Crushed & Broken)	9	92
	Granite (Dimension)	7	34
	Limestone (Crushed & Broken)	34	187
	Limestone (Dimension)	2	38
	Sandstone (Crushed & Broken)	2	118
	Stone, Crushed & Broken, NEC	11	40
	Stone, Dimension NEC	2	9
	Total:	67	518
<b>Operators State Total:</b>		590	5,975
<b><u>Contractors **</u></b>			
<b>Coal</b>			330
<b>Metal and Nonmetal</b>			3,483
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	330
<b>Metal and Nonmetal</b>		-	9,458
<b>Total:</b>		-	9,788

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

\* Excluding Stone, sand & gravel.

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

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2018

### Mississippi

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	2	245
	Total:	2	245
<b>Non-metals*</b>	Chemical and Fertilizer, NEC	2	6
	Clay (Common)	4	249
	Clay, Ceramic & Refractory, NEC	2	73
	Total:	8	328
<b>Sand &amp; Gravel</b>	Sand & Gravel	41	440
	Total:	41	440
<b>Stone</b>	Limestone (Crushed & Broken)	1	8
	Stone, Crushed & Broken, NEC	3	20
	Total:	4	28
	<b>Operators State Total:</b>	55	1,041
<b><u>Contractors **</u></b>			
<b>Coal</b>			35
<b>Metal and Nonmetal</b>			374
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	280
<b>Metal and Nonmetal</b>		-	1,170
	<b>Total:</b>	-	1,450

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

\* Excluding Stone, sand & gravel.

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

# NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2018

## Missouri

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	1	16
	Total:	1	16
<b>Metals</b>	Lead and/or Zinc Ore	6	695
	Total:	6	695
<b>Non-metals*</b>	Clay (Common)	3	349
	Clay (Fire)	3	16
	Clay, Ceramic & Refractory, NEC	4	54
	Nonmetallic Minerals, NEC	1	11
	Shale (Common)	1	30
	Total:	12	460
<b>Sand &amp; Gravel</b>	Sand & Gravel	59	297
	Total:	59	297
<b>Stone</b>	Cement	5	831
	Granite (Crushed & Broken)	3	250
	Granite (Dimension)	2	21
	Lime	3	692
	Limestone (Crushed & Broken)	190	2,167
	Limestone (Dimension)	8	164
	Sandstone (Crushed & Broken)	4	171
	Stone, Crushed & Broken, NEC	8	44
	Traprock (Crushed & Broken)	1	24
	Total:	224	4,364
<b>Operators State Total:</b>		302	5,832
<b><u>Contractors **</u></b>			
<b>Coal</b>			242
<b>Metal and Nonmetal</b>			1,840
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	258
<b>Metal and Nonmetal</b>		-	7,656
	<b>Total:</b>	-	7,914

*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 - 2018

## Montana

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	7	1,310
	Total:	7	1,310
<b>Metals</b>	Copper Ore	2	377
	Gold (Lode and Placer)	11	153
	Iron Ore	1	4
	Lead and/or Zinc Ore	1	9
	Platinum Group	2	1,324
	Silver Ores	5	323
	Total:	22	2,190
<b>Non-metals*</b>	Gemstones	3	98
	Gypsum	1	1
	Talc, Soapstone & Pyrophyllite	6	207
	Total:	10	306
<b>Sand &amp; Gravel</b>	Sand & Gravel	179	654
	Total:	179	654
<b>Stone</b>	Cement	2	160
	Granite (Crushed & Broken)	1	4
	Lime	1	40
	Limestone (Crushed & Broken)	1	16
	Limestone (Dimension)	1	1
	Sandstone (Crushed & Broken)	1	1
	Sandstone (Dimension)	4	25
	Slate (Dimension)	3	8
	Stone, Crushed & Broken, NEC	12	69
	Stone, Dimension NEC	22	108
	Traprock (Dimension)	1	5
	Total:	49	437
	<b>Operators State Total:</b>	267	4,897
<b><u>Contractors **</u></b>			
<b>Coal</b>			180
<b>Metal and Nonmetal</b>			567
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	1,490
<b>Metal and Nonmetal</b>		-	4,154
	Total:	-	5,644

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

\* Excluding Stone, sand & gravel.

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

## NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2018

### Nebraska

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Non-metals*</b>	Clay (Fire)	1	4
	Total:	1	4
<b>Sand &amp; Gravel</b>	Sand & Gravel	126	547
	Total:	126	547
<b>Stone</b>	Cement	1	125
	Limestone (Crushed & Broken)	8	285
	Limestone (Dimension)	1	3
	Stone, Crushed & Broken, NEC	2	7
	Stone, Dimension NEC	1	1
	Total:	13	421
<b>Operators State Total:</b>		140	972
<b><u>Contractors **</u></b>			
<b>Coal</b>			0
<b>Metal and Nonmetal</b>			548
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	0
<b>Metal and Nonmetal</b>		-	1,520
	<b>Total:</b>	-	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 - 2018

## Nevada

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Copper Ore	3	647
	Gold (Lode and Placer)	55	10,187
	Iron Ore	1	5
	Rare Earths	1	5
	Silver Ores	1	292
	Tungsten	2	12
	Total:	63	11,148
<b>Non-metals*</b>	Barite	10	145
	Clay (Common)	1	6
	Clay, Ceramic & Refractory, NEC	2	42
	Gemstones	3	6
	Gypsum	6	221
	Magnesite	1	122
	Nonmetallic Minerals, NEC	8	332
	Perlite	2	5
	Potash, Soda & Borate Min'ls NEC	2	12
	Pumice	1	6
	Salt (Rock)	1	12
	Total:	37	909
<b>Sand &amp; Gravel</b>	Sand & Gravel	77	578
		Total:	77
<b>Stone</b>	Cement	1	96
	Lime	2	183
	Limestone (Crushed & Broken)	2	26
	Limestone (Dimension)	1	6
	Sandstone (Crushed & Broken)	2	41
	Sandstone (Dimension)	1	4
	Slate (Dimension)	1	18
	Stone, Crushed & Broken, NEC	10	79
Stone, Dimension NEC	2	6	
	Total:	22	459
<b>Operators State Total:</b>		199	13,094
<b><u>Contractors **</u></b>			
<b>Coal</b>			44
<b>Metal and Nonmetal</b>			3,083
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	44
<b>Metal and Nonmetal</b>		-	16,177
	Total:	-	16,221

*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 - 2018

## New Hampshire

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Sand &amp; Gravel</b>	Sand & Gravel	107	451
	Total:	107	451
<b>Stone</b>	Granite (Crushed & Broken)	7	79
	Granite (Dimension)	1	10
	Sandstone (Crushed & Broken)	2	10
	Sandstone (Dimension)	1	2
	Stone, Crushed & Broken, NEC	8	56
	Stone, Dimension NEC	3	41
	Traprock (Crushed & Broken)	2	16
	Total:	24	214
	<b>Operators State Total:</b>	131	665
<b><u>Contractors **</u></b>			
<b>Coal</b>			3
<b>Metal and Nonmetal</b>			169
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	3
<b>Metal and Nonmetal</b>		-	834
	<b>Total:</b>	-	837

*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 - 2018

## New Jersey

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Non-metals*</b>	Nonmetallic Minerals, NEC	1	45
	Total:	1	45
<b>Sand &amp; Gravel</b>	Sand & Gravel	47	445
	Total:	47	445
<b>Stone</b>	Granite (Crushed & Broken)	4	195
	Limestone (Crushed & Broken)	3	42
	Sandstone (Crushed & Broken)	1	25
	Slate (Crushed & Broken)	1	11
	Stone, Crushed & Broken, NEC	2	49
	Traprock (Crushed & Broken)	7	226
	Total:	18	548
<b>Operators State Total:</b>		66	1,038
<b><u>Contractors **</u></b>			
<b>Coal</b>			40
<b>Metal and Nonmetal</b>			459
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	40
<b>Metal and Nonmetal</b>		-	1,497
	<b>Total:</b>	-	1,537

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

\* Excluding Stone, sand & gravel.

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

# NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2018

## New Mexico

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	4	912
	Total:	4	912
<b>Metals</b>	Copper Ore	2	1,418
	Total:	2	1,418
<b>Non-metals*</b>	Chemical and Fertilizer, NEC	1	24
	Gemstones	1	2
	Gypsum	1	5
	Leonardite	1	2
	Nonmetallic Minerals, NEC	6	85
	Perlite	3	64
	Potash	4	654
	Pumice	4	34
	Salt (Evaporated)	3	110
	Total:	24	980
<b>Sand &amp; Gravel</b>	Sand & Gravel	87	452
	Total:	87	452
<b>Stone</b>	Cement	1	95
	Limestone (Crushed & Broken)	14	114
	Limestone (Dimension)	3	12
	Marble (Dimension)	1	2
	Sandstone (Crushed & Broken)	3	16
	Stone, Crushed & Broken, NEC	37	187
	Stone, Dimension NEC	4	16
	Traprock (Crushed & Broken)	1	5
	Traprock (Dimension)	1	11
	Total:	65	458
	<b>Operators State Total:</b>	<b>182</b>	<b>4,220</b>
<b><u>Contractors **</u></b>			
<b>Coal</b>			136
<b>Metal and Nonmetal</b>			537
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	1,048
<b>Metal and Nonmetal</b>		-	3,845
	<b>Total:</b>	<b>-</b>	<b>4,893</b>

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

\* Excluding Stone, sand & gravel.

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

# NUMBER OF MINES AND AVERAGE EMPLOYMENT BY STATE - 2018

## New York

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Iron Ore	1	2
	Lead and/or Zinc Ore	1	113
	Metal Ores, NEC	2	70
	Total:	4	185
<b>Non-metals*</b>	Nonmetallic Minerals, NEC	4	130
	Salt (Rock)	2	570
	Shale (Common)	6	112
	Total:	12	812
<b>Sand &amp; Gravel</b>	Sand & Gravel	371	1,516
	Total:	371	1,516
<b>Stone</b>	Cement	4	272
	Granite (Crushed & Broken)	4	76
	Granite (Dimension)	6	70
	Limestone (Crushed & Broken)	73	818
	Limestone (Dimension)	1	25
	Marble (Crushed & Broken)	1	3
	Sandstone (Crushed & Broken)	5	51
	Sandstone (Dimension)	11	39
	Slate (Crushed & Broken)	2	10
	Slate (Dimension)	4	9
	Stone, Crushed & Broken, NEC	33	196
	Stone, Dimension NEC	26	118
	Traprock (Crushed & Broken)	5	187
Total:	175	1,874	
<b>Operators State Total:</b>		562	4,387
<b><u>Contractors **</u></b>			
<b>Coal</b>			8
<b>Metal and Nonmetal</b>			731
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	8
<b>Metal and Nonmetal</b>		-	5,118
<b>Total:</b>		-	5,126

*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 - 2018

## North Carolina

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Alumina (Mill)	1	7
	Total:	1	7
<b>Non-metals*</b>	Clay (Common)	7	26
	Clay (Fire)	2	7
	Clay, Ceramic & Refractory, NEC	4	6
	Feldspar	5	165
	Gemstones	4	267
	Mica	4	29
	Nonmetallic Minerals, NEC	1	36
	Phosphate Rock	1	348
	Shale (Common)	3	152
	Talc, Soapstone & Pyrophyllite	1	1
	Total:	32	1,037
<b>Sand &amp; Gravel</b>	Sand & Gravel	39	301
	Total:	39	301
<b>Stone</b>	Granite (Crushed & Broken)	85	1,430
	Granite (Dimension)	1	9
	Limestone (Crushed & Broken)	14	197
	Sandstone (Crushed & Broken)	2	23
	Sandstone (Dimension)	2	5
	Slate (Dimension)	2	9
	Stone, Crushed & Broken, NEC	8	69
	Stone, Dimension NEC	19	92
	Traprock (Crushed & Broken)	4	89
	Total:	137	1,923
<b>Operators State Total:</b>		209	3,268
<b><u>Contractors **</u></b>			
<b>Coal</b>			62
<b>Metal and Nonmetal</b>			2,988
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	62
<b>Metal and Nonmetal</b>		-	6,256
	<b>Total:</b>	-	6,318

*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 - 2018

### North Dakota

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	6	1,249
	Total:	6	1,249
<b>Non-metals*</b>	Leonardite	2	26
	Nonmetallic Minerals, NEC	1	1
	Total:	3	27
<b>Sand &amp; Gravel</b>	Sand & Gravel	135	473
	Total:	135	473
<b>Stone</b>	Stone, Crushed & Broken, NEC	1	1
	Total:	1	1
<b>Operators State Total:</b>		145	1,750
<b><u>Contractors **</u></b>			
<b>Coal</b>			185
<b>Metal and Nonmetal</b>			150
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	1,434
<b>Metal and Nonmetal</b>		-	651
	<b>Total:</b>	-	2,085

*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 - 2018

## Ohio

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	32	1,177
	Total:	32	1,177
<b>Non-metals*</b>	Clay (Common)	2	13
	Clay (Fire)	1	1
	Clay, Ceramic & Refractory, NEC	5	56
	Salt (Rock)	2	325
	Shale (Common)	6	43
	Total:	16	438
<b>Sand &amp; Gravel</b>	Sand & Gravel	143	1,056
	Total:	143	1,056
<b>Stone</b>	Cement	2	212
	Lime	5	356
	Limestone (Crushed & Broken)	89	1,501
	Limestone (Dimension)	4	18
	Sandstone (Crushed & Broken)	6	30
	Sandstone (Dimension)	6	52
	Stone, Crushed & Broken, NEC	1	2
	Stone, Dimension NEC	1	2
	Total:	114	2,173
	<b>Operators State Total:</b>	<b>305</b>	<b>4,844</b>
<b><u>Contractors **</u></b>			
<b>Coal</b>			1,176
<b>Metal and Nonmetal</b>			2,720
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	2,353
<b>Metal and Nonmetal</b>		-	6,387
	<b>Total:</b>	-	8,740

*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 - 2018

## Oklahoma

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	6	145
	Total:	6	145
<b>Non-metals*</b>	Clay (Common)	2	6
	Clay, Ceramic & Refractory, NEC	3	18
	Gypsum	8	186
	Nonmetallic Minerals, NEC	2	10
	Shale (Common)	2	10
	Total:	17	230
<b>Sand &amp; Gravel</b>	Sand & Gravel	42	250
	Total:	42	250
<b>Stone</b>	Cement	3	337
	Granite (Crushed & Broken)	3	87
	Granite (Dimension)	1	2
	Lime	1	49
	Limestone (Crushed & Broken)	47	884
	Limestone (Dimension)	11	95
	Sandstone (Crushed & Broken)	5	119
	Sandstone (Dimension)	38	286
	Stone, Crushed & Broken, NEC	13	163
	Stone, Dimension NEC	25	192
	Traprock (Dimension)	3	22
	Total:	150	2,236
<b>Operators State Total:</b>		215	2,861
<b><u>Contractors **</u></b>			
<b>Coal</b>			29
<b>Metal and Nonmetal</b>			573
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	174
<b>Metal and Nonmetal</b>		-	3,289
	Total:	-	3,463

*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 - 2018

### Oregon

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Gold (Lode and Placer)	2	11
	Silver Ores	1	9
	Total:	3	20
<b>Non-metals*</b>	Chemical and Fertilizer, NEC	1	2
	Clay (Common)	1	3
	Gemstones	11	47
	Nonmetallic Minerals, NEC	4	170
	Perlite	2	26
	Pumice	1	16
	Total:	20	264
<b>Sand &amp; Gravel</b>	Sand & Gravel	83	590
	Total:	83	590
<b>Stone</b>	Cement	1	117
	Granite (Crushed & Broken)	1	4
	Lime	1	11
	Limestone (Crushed & Broken)	1	20
	Stone, Crushed & Broken, NEC	140	751
	Stone, Dimension NEC	2	7
	Traprock (Crushed & Broken)	18	147
	Total:	164	1,057
<b>Operators State Total:</b>		270	1,931
<b><u>Contractors **</u></b>			
<b>Coal</b>			13
<b>Metal and Nonmetal</b>			667
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	13
<b>Metal and Nonmetal</b>		-	2,598
	<b>Total:</b>	-	2,611

*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 - 2018

## Pennsylvania

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Anthracite	125	1,093
	Coal, Bituminous	166	4,364
	Total:	291	5,457
<b>Metals</b>	Alumina (Mill)	1	102
	Chromite	1	7
	Iron Ore	1	12
	Total:	3	121
<b>Non-metals*</b>	Clay (Common)	2	3
	Clay (Fire)	2	13
	Mica	1	8
	Nonmetallic Minerals, NEC	1	58
	Shale (Common)	2	3
	Total:	8	85
<b>Sand &amp; Gravel</b>	Sand & Gravel	81	535
	Total:	81	535
<b>Stone</b>	Cement	7	732
	Granite (Crushed & Broken)	2	20
	Granite (Dimension)	1	13
	Lime	4	262
	Limestone (Crushed & Broken)	114	2,132
	Limestone (Dimension)	3	70
	Sandstone (Crushed & Broken)	49	470
	Sandstone (Dimension)	32	270
	Slate (Crushed & Broken)	7	18
	Slate (Dimension)	6	41
	Stone, Crushed & Broken, NEC	53	449
	Stone, Dimension NEC	97	383
Traprock (Crushed & Broken)	12	357	
	Total:	387	5,217
<b>Operators State Total:</b>		770	11,415
<b><u>Contractors **</u></b>			
<b>Coal</b>			4,419
<b>Metal and Nonmetal</b>			4,228
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	9,876
<b>Metal and Nonmetal</b>		-	10,186
	<b>Total:</b>	-	20,062

*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 - 2018

## Rhode Island

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Sand &amp; Gravel</b>	Sand & Gravel	25	162
	Total:	25	162
<b>Stone</b>	Granite (Crushed & Broken)	2	12
	Stone, Crushed & Broken, NEC	6	45
	Traprock (Crushed & Broken)	1	13
	Total:	9	70
	<b>Operators State Total:</b>	34	232
<b><u>Contractors **</u></b>			
<b>Coal</b>			0
<b>Metal and Nonmetal</b>			43
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	0
<b>Metal and Nonmetal</b>		-	275
	<b>Total:</b>	-	275

*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 - 2018

## South Carolina

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Gold (Lode and Placer)	2	336
	Total:	2	336
<b>Non-metals*</b>	Clay (Common)	9	106
	Clay (Fire)	3	9
	Clay, Ceramic & Refractory, NEC	2	34
	Mica	1	1
	Vermiculite	1	47
	Total:	16	197
<b>Sand &amp; Gravel</b>	Sand & Gravel	24	229
	Total:	24	229
<b>Stone</b>	Cement	3	474
	Granite (Crushed & Broken)	26	504
	Limestone (Crushed & Broken)	5	79
	Stone, Crushed & Broken, NEC	4	59
	Stone, Dimension NEC	1	2
	Total:	39	1,118
<b>Operators State Total:</b>		81	1,880
<b><u>Contractors **</u></b>			
<b>Coal</b>			51
<b>Metal and Nonmetal</b>			1,018
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	51
<b>Metal and Nonmetal</b>		-	2,898
	<b>Total:</b>	-	2,949

*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 - 2018

## South Dakota

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Metals</b>	Gold (Lode and Placer)	2	215
	Iron Ore	1	5
	Total:	3	220
<b>Non-metals*</b>	Chemical and Fertilizer, NEC	1	18
	Feldspar	2	13
	Gypsum	1	5
	Mica	1	32
	Shale (Common)	1	2
	Total:	6	70
<b>Sand &amp; Gravel</b>	Sand & Gravel	116	437
	Total:	116	437
<b>Stone</b>	Cement	1	129
	Granite (Crushed & Broken)	1	10
	Granite (Dimension)	3	14
	Lime	1	100
	Limestone (Crushed & Broken)	4	35
	Limestone (Dimension)	1	1
	Sandstone (Crushed & Broken)	2	63
	Stone, Crushed & Broken, NEC	2	60
	Stone, Dimension NEC	3	21
	Total:	18	433
<b>Operators State Total:</b>		143	1,160
<b><u>Contractors **</u></b>			
<b>Coal</b>			33
<b>Metal and Nonmetal</b>			347
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	33
<b>Metal and Nonmetal</b>		-	1,507
	Total:	-	1,540

*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 - 2018

### Tennessee

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	13	112
	Total:	13	112
<b>Metals</b>	Lead and/or Zinc Ore	6	864
	Total:	6	864
<b>Non-metals*</b>	Barite	1	11
	Clay (Common)	7	246
	Clay, Ceramic & Refractory, NEC	1	4
	Nonmetallic Minerals, NEC	2	5
	Total:	11	266
<b>Sand &amp; Gravel</b>	Sand & Gravel	25	261
	Total:	25	261
<b>Stone</b>	Cement	3	235
	Granite (Crushed & Broken)	1	28
	Limestone (Crushed & Broken)	117	1,583
	Limestone (Dimension)	2	10
	Marble (Dimension)	2	31
	Sandstone (Crushed & Broken)	6	97
	Sandstone (Dimension)	3	38
	Stone, Crushed & Broken, NEC	13	100
	Stone, Dimension NEC	51	238
	Total:	198	2,360
<b>Operators State Total:</b>		253	3,863
<b><u>Contractors **</u></b>			
<b>Coal</b>			213
<b>Metal and Nonmetal</b>			1,964
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	325
<b>Metal and Nonmetal</b>		-	5,715
	<b>Total:</b>	-	6,040

*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 - 2018

## Texas

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	13	1,800
	Total:	13	1,800
<b>Metals</b>	Alumina (Mill)	1	55
	Iron Ore	2	17
	Total:	3	72
<b>Non-metals*</b>	Barite	8	163
	Clay (Common)	20	371
	Clay (Fire)	4	18
	Clay, Ceramic & Refractory, NEC	4	22
	Gypsum	9	127
	Nonmetallic Minerals, NEC	9	54
	Pigment Mineral	1	44
	Salt (Rock)	2	269
	Shale (Common)	1	65
	Talc, Soapstone & Pyrophyllite	4	71
	Total:	62	1,204
<b>Sand &amp; Gravel</b>	Sand & Gravel	245	4,318
	Total:	245	4,318
<b>Stone</b>	Cement	11	1,417
	Granite (Crushed & Broken)	3	9
	Granite (Dimension)	2	5
	Lime	7	357
	Limestone (Crushed & Broken)	194	2,875
	Limestone (Dimension)	40	635
	Marble (Crushed & Broken)	2	6
	Marble (Dimension)	1	3
	Sandstone (Crushed & Broken)	7	362
	Sandstone (Dimension)	12	99
	Stone, Crushed & Broken, NEC	103	831
	Stone, Dimension NEC	38	726
	Traprock (Crushed & Broken)	3	51
	Traprock (Dimension)	1	46
	Total:	424	7,422
<b>Operators State Total:</b>		747	14,816
<b><u>Contractors **</u></b>			
<b>Coal</b>			1,183
<b>Metal and Nonmetal</b>			5,411
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	2,983
<b>Metal and Nonmetal</b>		-	18,427
	<b>Total:</b>	-	21,410

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 - 2018

## Utah

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	19	1,376
	Total:	19	1,376
<b>Metals</b>	Beryl	2	87
	Copper Ore	5	1,536
	Gold (Lode and Placer)	3	18
	Uranium	2	73
	Total:	12	1,714
<b>Non-metals*</b>	Chemical and Fertilizer, NEC	2	3
	Clay (Common)	4	44
	Fluorspar	2	3
	Gilsonite	4	98
	Gypsum	6	65
	Nonmetallic Minerals, NEC	2	32
	Phosphate Rock	3	326
	Pumice	3	73
	Salt (Rock)	2	103
	Shale (Common)	3	60
	Total:	31	807
<b>Sand &amp; Gravel</b>	Sand & Gravel	228	1,517
	Total:	228	1,517
<b>Stone</b>	Cement	2	210
	Lime	1	70
	Limestone (Crushed & Broken)	6	43
	Limestone (Dimension)	3	23
	Sandstone (Crushed & Broken)	2	13
	Sandstone (Dimension)	1	19
	Stone, Crushed & Broken, NEC	10	82
	Stone, Dimension NEC	9	63
	Total:	34	523
<b>Operators State Total:</b>		324	5,937
<b><u>Contractors **</u></b>			
<b>Coal</b>			1,078
<b>Metal and Nonmetal</b>			4,130
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	2,454
<b>Metal and Nonmetal</b>		-	8,691
	<b>Total:</b>	-	11,145

*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 - 2018

### Vermont

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Non-metals*</b>	Talc, Soapstone & Pyrophyllite	1	29
	Total:	1	29
<b>Sand &amp; Gravel</b>	Sand & Gravel	91	280
	Total:	91	280
<b>Stone</b>	Granite (Dimension)	3	20
	Limestone (Crushed & Broken)	10	107
	Marble (Dimension)	1	33
	Sandstone (Crushed & Broken)	4	22
	Sandstone (Dimension)	1	2
	Slate (Crushed & Broken)	2	9
	Slate (Dimension)	25	173
	Stone, Crushed & Broken, NEC	35	262
	Stone, Dimension NEC	10	52
	Traprock (Dimension)	1	5
	Total:	92	685
<b>Operators State Total:</b>		184	994
<b><u>Contractors **</u></b>			
<b>Coal</b>			2
<b>Metal and Nonmetal</b>			159
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	2
<b>Metal and Nonmetal</b>		-	1,153
	<b>Total:</b>	-	1,155

*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 - 2018

## Virginia

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	99	2,974
	Total:	99	2,974
<b>Non-metals*</b>	Aplite	1	22
	Clay, Ceramic & Refractory, NEC	4	90
	Kyanite	2	146
	Pigment Mineral	1	22
	Talc, Soapstone & Pyrophyllite	2	9
	Vermiculite	1	25
	Total:	11	314
<b>Sand &amp; Gravel</b>	Sand & Gravel	28	200
	Total:	28	200
<b>Stone</b>	Cement	2	219
	Granite (Crushed & Broken)	36	892
	Granite (Dimension)	2	14
	Lime	3	249
	Limestone (Crushed & Broken)	42	733
	Limestone (Dimension)	1	14
	Sandstone (Crushed & Broken)	2	47
	Slate (Crushed & Broken)	1	7
	Slate (Dimension)	2	58
	Stone, Crushed & Broken, NEC	8	91
	Stone, Dimension NEC	3	36
	Traprock (Crushed & Broken)	4	147
	Total:	106	2,507
<b>Operators State Total:</b>		244	5,995
<b><u>Contractors **</u></b>			
<b>Coal</b>			1,959
<b>Metal and Nonmetal</b>			1,658
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	4,933
<b>Metal and Nonmetal</b>		-	4,679
	<b>Total:</b>	-	9,612

*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 - 2018

## Washington

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	1	37
	Total:	1	37
<b>Metals</b>	Gold (Lode and Placer)	4	57
	Lead and/or Zinc Ore	1	281
	Total:	5	338
<b>Non-metals*</b>	Clay (Common)	1	3
	Nonmetallic Minerals, NEC	2	75
	Total:	3	78
<b>Sand &amp; Gravel</b>	Sand & Gravel	182	1,199
	Total:	182	1,199
<b>Stone</b>	Cement	3	109
	Granite (Crushed & Broken)	2	14
	Lime	1	8
	Limestone (Crushed & Broken)	9	84
	Marble (Crushed & Broken)	1	68
	Marble (Dimension)	1	14
	Sandstone (Crushed & Broken)	4	23
	Stone, Crushed & Broken, NEC	43	195
	Stone, Dimension NEC	4	18
	Traprock (Crushed & Broken)	24	181
	Traprock (Dimension)	1	5
	Total:	93	719
<b>Operators State Total:</b>		284	2,371
<b><u>Contractors **</u></b>			
<b>Coal</b>			43
<b>Metal and Nonmetal</b>			944
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	80
<b>Metal and Nonmetal</b>		-	3,278
	<b>Total:</b>	-	3,358

*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 - 2018

## West Virginia

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	285	14,812
	Total:	285	14,812
<b>Metals</b>	Iron Ore	1	7
	Total:	1	7
<b>Non-metals*</b>	Clay (Common)	1	1
	Shale (Common)	1	1
	Talc, Soapstone & Pyrophyllite	1	48
	Total:	3	50
<b>Sand &amp; Gravel</b>	Sand & Gravel	1	17
	Total:	1	17
<b>Stone</b>	Cement	1	154
	Lime	1	69
	Limestone (Crushed & Broken)	20	470
	Sandstone (Crushed & Broken)	7	72
	Sandstone (Dimension)	1	3
	Total:	30	768
<b>Operators State Total:</b>		320	15,654
<b><u>Contractors **</u></b>			
<b>Coal</b>			5,492
<b>Metal and Nonmetal</b>			1,094
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	20,304
<b>Metal and Nonmetal</b>		-	1,936
	<b>Total:</b>	-	22,240

*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 - 2018

### Wisconsin

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Sand &amp; Gravel</b>	Sand & Gravel	370	1,292
	Total:	370	1,292
<b>Stone</b>	Granite (Crushed & Broken)	10	196
	Lime	4	155
	Limestone (Crushed & Broken)	145	706
	Limestone (Dimension)	20	340
	Marble (Crushed & Broken)	1	11
	Sandstone (Crushed & Broken)	2	4
	Sandstone (Dimension)	3	10
	Stone, Crushed & Broken, NEC	8	23
	Stone, Dimension NEC	11	78
	Traprock (Crushed & Broken)	2	112
	Total:	206	1,635
	<b>Operators State Total:</b>	576	2,927
<b><u>Contractors **</u></b>			
<b>Coal</b>			9
<b>Metal and Nonmetal</b>			2,555
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	9
<b>Metal and Nonmetal</b>		-	5,482
	<b>Total:</b>	-	5,491

*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 - 2018

## Wyoming

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Bituminous	17	5,559
	Total:	17	5,559
<b>Non-metals*</b>	Chemical and Fertilizer, NEC	21	612
	Clay (Common)	1	57
	Clay (Fire)	1	56
	Clay, Ceramic & Refractory, NEC	1	20
	Gypsum	2	18
	Leonardite	2	11
	Oil Sand	1	6
	Phosphate Rock	2	259
	Trona	4	2,219
	Total:	35	3,258
<b>Sand &amp; Gravel</b>	Sand & Gravel	128	507
	Total:	128	507
<b>Stone</b>	Cement	1	130
	Granite (Crushed & Broken)	1	42
	Lime	1	15
	Limestone (Crushed & Broken)	4	54
	Stone, Crushed & Broken, NEC	3	12
	Total:	10	253
<b>Operators State Total:</b>		190	9,577
<b><u>Contractors **</u></b>			
<b>Coal</b>			1,414
<b>Metal and Nonmetal</b>			826
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	6,973
<b>Metal and Nonmetal</b>		-	4,844
	<b>Total:</b>	-	11,817

*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 - 2018

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

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Coal</b>	Coal, Anthracite	125	1,093
	Coal, Bituminous	1,065	54,434
	<b>Total:</b>	1,190	55,527
<b>Metals</b>	Alumina (Mill)	6	1,107
	Aluminum Ore	6	165
	Beryl	2	87
	Chromite	2	12
	Cobalt	2	22
	Copper Ore	33	13,286
	Gold (Lode and Placer)	164	14,007
	Iron Ore	30	4,657
	Lead and/or Zinc Ore	17	2,393
	Manganese	1	31
	Metal Ores, NEC	4	105
	Molybdenum	3	812
	Nickel	2	212
	Platinum Group	2	1,324
	Rare Earths	2	195
	Silver Ores	10	1,067
	Titanium	2	260
	Tungsten	2	12
	Uranium	3	82
Vanadium	1	31	
	<b>Total:</b>	294	39,867
<b>Non-metals*</b>	Aplite	1	22
	Barite	25	435
	Boron Minerals	1	670
	Chemical and Fertilizer, NEC	32	676
	Clay (Common)	121	4,444
	Clay (Fire)	32	314
	Clay, Ceramic & Refractory, NEC	49	661
	Feldspar	7	178
	Fluorspar	4	16
	Gemstones	37	476
	Gilsonite	4	98
	Gypsum	60	1,087
	Kyanite	2	146
	Leonardite	6	65
	Magnesite	1	122
	Mica	9	126
	Nonmetallic Minerals, NEC	65	1,594
	Oil Sand	1	6
	Oil Shale	1	5
	Perlite	10	112
	Phosphate Rock	12	2,223
	Pigment Mineral	2	66
	Potash	5	660
	Potash, Soda & Borate Min'ls NEC	3	24
	Pumice	13	154
	Salt (Evaporated)	3	110
	Salt (Rock)	16	2,008
	Shale (Common)	42	613
	Talc, Soapstone & Pyrophyllite	15	365
	Trona	5	2,225

*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 - 2018

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

General Description	Product	Number of Operations	Average Employment
<b><u>Operators</u></b>			
<b>Non-metals*</b>	Vermiculite	2	72
	<b>Total:</b>	586	19,773
<b>Sand &amp; Gravel</b>	Sand & Gravel	5,928	35,434
	<b>Total:</b>	5,928	35,434
<b>Stone</b>	Cement	105	11,978
	Granite (Crushed & Broken)	299	6,058
	Granite (Dimension)	45	312
	Lime	60	3,837
	Limestone (Crushed & Broken)	1,890	27,140
	Limestone (Dimension)	148	1,948
	Marble (Crushed & Broken)	16	859
	Marble (Dimension)	11	165
	Sandstone (Crushed & Broken)	152	2,513
	Sandstone (Dimension)	142	1,131
	Slate (Crushed & Broken)	21	108
	Slate (Dimension)	46	359
	Stone, Crushed & Broken, NEC	846	6,397
	Stone, Dimension NEC	444	3,114
	Traprock (Crushed & Broken)	120	2,346
	Traprock (Dimension)	9	102
	<b>Total:</b>	4,354	68,367
<b><u>Operator Totals</u></b>			
<b>Coal</b>		1,190	55,527
<b>Metal and Nonmetal</b>		11,162	163,441
	<b>Total:</b>	12,352	218,968
<b><u>Contractor Totals</u></b>			
<b>Coal</b>		-	27,284
<b>Metal and Nonmetal</b>		-	75,563
	<b>Total:</b>	-	102,847
<b><u>Operator &amp; Contractor Totals</u></b>			
<b>Coal</b>		-	82,811
<b>Metal and Nonmetal</b>		-	239,004
	<b>Total:</b>	-	321,815

*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