

# Number of Mining Employees by Detailed Commodity and Type of Operation, 2006

(Data source: MSHA)

Commodity		Underground Mining Operation <sup>1</sup>		Surface Mining Operation <sup>2</sup>				Total	
		Underground	Underground with Prep Plant or Mill	Surface	Surface with Prep Plant or Mill	Prep Plant or Mill	Sand & Gravel Dredge		Independent Shop
<b>Coal operator</b>	Anthracite	135	0	552	23	398	0	0	1,108
	Bituminous	27,825	15,972	21,267	12,614	6,443	0	464	84,585
	<b>Subtotal</b>	<b>27,960</b>	<b>15,972</b>	<b>21,819</b>	<b>12,637</b>	<b>6,841</b>	<b>0</b>	<b>464</b>	<b>85,693</b>
<b>Metal operator</b>	Iron ore	0	0	916	2,772	1,244	0	221	5,153
	Copper	83	159	1,335	6,984	590	0	0	9,151
	Gold	1,914	586	404	6,440	665	0	0	10,009
	Lead/zinc ores	110	930	3	190	10	0	17	1,260
	Silver ores	37	617	0	193	5	0	0	852
	Platinum group	0	1,462	4	0	0	0	0	1,466
	Alumina mill	0	0	0	0	2,456	0	0	2,456
	Other metals	65	917	69	1,028	432	0	16	2,527
<b>Subtotal</b>	<b>2,209</b>	<b>4,671</b>	<b>2,731</b>	<b>17,607</b>	<b>5,402</b>	<b>0</b>	<b>254</b>	<b>32,874</b>	
<b>Nonmetal operator</b>	Clay, common	12	0	690	1,734	3,170	0	0	5,606
	Phosphate rock	0	0	326	2,391	27	0	0	2,744
	Trona, potash, borate minerals	288	2,647	21	797	330	0	0	4,083
	Other Nonmetals	653	1,537	1,746	2,845	3,837	0	0	10,618
<b>Subtotal</b>	<b>953</b>	<b>4,184</b>	<b>2,783</b>	<b>7,767</b>	<b>7,364</b>	<b>0</b>	<b>0</b>	<b>23,051</b>	
<b>Stone operator</b>	Dimension stone	57	14	6,770	2,696	443	0	32	10,012
	Crushed stone	1,026	2,075	17,907	31,986	2,287	0	333	55,614
	Cement	0	0	0	10,616	3,861	0	0	14,477
	Lime	33	819	128	532	968	0	0	2,480
<b>Subtotal</b>	<b>1,116</b>	<b>2,908</b>	<b>24,805</b>	<b>45,830</b>	<b>7,559</b>	<b>0</b>	<b>365</b>	<b>82,583</b>	
<b>Sand &amp; gravel operator</b>	Sand, gravel	0	0	39,878	0	0	6,191	0	46,069
	<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>39,878</b>	<b>0</b>	<b>0</b>	<b>6,191</b>	<b>0</b>	<b>46,069</b>

Commodity	Underground Mining Operation <sup>1</sup>		Surface Mining Operation <sup>2</sup>					Total
	Underground	Underground with Prep Plant or Mill	Surface	Surface with Prep Plant or Mill	Prep Plant or Mill	Sand & Gravel Dredge	Independent Shop	
<b>Total</b>								
Anthracite	135	0	552	23	398	0	0	1,108
Bituminous	27,825	15,972	21,267	12,614	6,443	0	464	84,585
Iron ore	0	0	916	2,772	1,244	0	221	5,153
Copper	83	159	1,335	6,984	590	0	0	9,151
Gold	1,914	586	404	6,440	665	0	0	10,009
Lead/zinc ores	110	930	3	190	10	0	17	1,260
Silver ores	37	617	0	193	5	0	0	852
Platinum group	0	1,462	4	0	0	0	0	1,466
Alumina mill	0	0	0	0	2,456	0	0	2,456
Other metals	65	917	69	1,028	432	0	16	2,527
Clay, common	12	0	690	1,734	3,170	0	0	5,606
Phosphate rock	0	0	326	2,391	27	0	0	2,744
Trona, potash, borate minerals	288	2,647	21	797	330	0	0	4,083
Other Nonmetals	653	1,537	1,746	2,845	3,837	0	0	10,618
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Crushed stone	1,026	2,075	17,907	31,986	2,287	0	333	55,614
Cement	0	0	0	10,616	3,861	0	0	14,477
Lime	33	819	128	532	968	0	0	2,480
Sand, gravel	0	0	39,878	0	0	6,191	0	46,069
<b>Total</b>	<b>32,238</b>	<b>27,735</b>	<b>92,016</b>	<b>83,841</b>	<b>27,166</b>	<b>6,191</b>	<b>1,083</b>	<b>270,270</b>

Commodity	Underground <sup>1</sup>	Surface <sup>2</sup>	Total
<b>Coal</b>	43,932	41,761	85,693
<b>Noncoal</b>	16,041	168,536	184,577
<b>Total</b>	<b>59,973</b>	<b>210,297</b>	<b>270,270</b>

<sup>1</sup>Underground includes employees at mining operations reporting employment at underground and/or surface at underground subunits.

<sup>2</sup>Surface includes employees at mining operations reporting employment at strip mines, quarries, culm banks augering, and dredge (except for Sand & Gravel).

NOTE: These tables contain counts of the number of employees for various commodities and for different types of operations (underground vs. surface vs. mill, etc.) reporting any employment in 2006. Excludes independent contractor employees.