

**Table 19. Average Number of Employees at Underground and Surface Mines by State and Mine Production Range, 2006**

Coal-Producing State, Region <sup>1</sup> , and Mine Type	Mine Production Range (thousand short tons)								Total Number of Employees
	1,000 and Greater	500 to 1,000	200 to 500	100 to 200	50 to 100	10 to 50	Less Than 10	Zero <sup>2</sup>	
<b>Alabama</b> .....	<b>1,745</b>	<b>1,145</b>	<b>429</b>	<b>225</b>	<b>252</b>	<b>230</b>	<b>39</b>	<b>130</b>	<b>4,195</b>
Underground.....	1,745	750	-	25	42	9	3	47	2,621
Surface.....	-	395	429	200	210	221	36	83	1,574
<b>Alaska</b> .....	<b>96</b>	-	-	-	-	-	-	-	<b>96</b>
Surface.....	96	-	-	-	-	-	-	-	96
<b>Arizona</b> .....	<b>411</b>	-	-	-	-	-	-	<b>7</b>	<b>418</b>
Surface.....	411	-	-	-	-	-	-	7	418
<b>Arkansas</b> .....	-	-	-	-	-	<b>41</b>	<b>2</b>	-	<b>43</b>
Underground.....	-	-	-	-	-	41	-	-	41
Surface.....	-	-	-	-	-	-	2	-	2
<b>Colorado</b> .....	<b>2,054</b>	<b>20</b>	<b>108</b>	-	<b>41</b>	-	-	<b>6</b>	<b>2,229</b>
Underground.....	1,596	-	80	-	-	-	-	6	1,682
Surface.....	458	20	28	-	41	-	-	-	547
<b>Illinois</b> .....	<b>3,378</b>	<b>67</b>	<b>312</b>	-	<b>55</b>	<b>2</b>	-	<b>163</b>	<b>3,977</b>
Underground.....	3,110	-	227	-	55	-	-	115	3,507
Surface.....	268	67	85	-	-	2	-	48	470
<b>Indiana</b> .....	<b>2,193</b>	<b>191</b>	<b>206</b>	-	<b>75</b>	<b>16</b>	<b>3</b>	<b>174</b>	<b>2,858</b>
Underground.....	948	-	156	-	39	-	-	88	1,231
Surface.....	1,245	191	50	-	36	16	3	86	1,627
<b>Kansas</b> .....	-	-	<b>32</b>	<b>13</b>	-	-	-	<b>16</b>	<b>61</b>
Surface.....	-	-	32	13	-	-	-	16	61
<b>Kentucky Total</b> .....	<b>4,359</b>	<b>3,350</b>	<b>3,395</b>	<b>1,935</b>	<b>1,423</b>	<b>927</b>	<b>518</b>	<b>2,052</b>	<b>17,959</b>
Underground.....	3,415	2,387	1,788	1,263	1,019	458	316	1,256	11,902
Surface.....	944	963	1,607	672	404	469	202	796	6,057
<b>Eastern</b> .....	<b>1,987</b>	<b>3,276</b>	<b>3,272</b>	<b>1,848</b>	<b>1,306</b>	<b>899</b>	<b>509</b>	<b>1,913</b>	<b>15,010</b>
Underground.....	1,120	2,387	1,739	1,196	943	458	316	1,144	9,303
Surface.....	867	889	1,533	652	363	441	193	769	5,707
<b>Western</b> .....	<b>2,372</b>	<b>74</b>	<b>123</b>	<b>87</b>	<b>117</b>	<b>28</b>	<b>9</b>	<b>139</b>	<b>2,949</b>
Underground.....	2,295	-	49	87	76	-	-	112	2,599
Surface.....	77	74	74	20	41	28	9	27	350
<b>Louisiana</b> .....	<b>204</b>	<b>39</b>	-	-	-	-	-	-	<b>243</b>
Surface.....	204	39	-	-	-	-	-	-	243
<b>Maryland</b> .....	<b>94</b>	<b>110</b>	<b>95</b>	<b>60</b>	<b>39</b>	<b>38</b>	<b>17</b>	<b>37</b>	<b>490</b>
Underground.....	94	-	54	23	-	-	-	34	205
Surface.....	-	110	41	37	39	38	17	3	285
<b>Mississippi</b> .....	<b>178</b>	-	-	-	-	-	-	-	<b>178</b>
Surface.....	178	-	-	-	-	-	-	-	178
<b>Missouri</b> .....	-	-	<b>8</b>	<b>12</b>	-	-	-	-	<b>20</b>
Surface.....	-	-	8	12	-	-	-	-	20
<b>Montana</b> .....	<b>872</b>	-	<b>70</b>	-	-	-	-	-	<b>942</b>
Underground.....	-	-	58	-	-	-	-	-	58
Surface.....	872	-	12	-	-	-	-	-	884
<b>New Mexico</b> .....	<b>1,202</b>	-	-	-	-	-	-	<b>170</b>	<b>1,372</b>
Underground.....	302	-	-	-	-	-	-	66	368
Surface.....	900	-	-	-	-	-	-	104	1,004
<b>North Dakota</b> .....	<b>942</b>	-	-	-	-	-	-	<b>5</b>	<b>947</b>
Surface.....	942	-	-	-	-	-	-	5	947
<b>Ohio</b> .....	<b>879</b>	<b>558</b>	<b>400</b>	<b>257</b>	<b>51</b>	<b>60</b>	<b>50</b>	<b>158</b>	<b>2,413</b>
Underground.....	879	243	129	64	-	-	-	69	1,384
Surface.....	-	315	271	193	51	60	50	89	1,029
<b>Oklahoma</b> .....	-	-	<b>167</b>	<b>24</b>	-	<b>31</b>	<b>2</b>	-	<b>224</b>
Underground.....	-	-	48	-	-	25	-	-	73
Surface.....	-	-	119	24	-	6	2	-	151
<b>Pennsylvania Total</b> .....	<b>3,498</b>	<b>664</b>	<b>963</b>	<b>544</b>	<b>338</b>	<b>483</b>	<b>292</b>	<b>744</b>	<b>7,526</b>
Underground.....	3,498	443	451	245	32	61	52	317	5,099
Surface.....	-	221	512	299	306	422	240	427	2,427
<b>Anthracite</b> .....	-	-	<b>24</b>	<b>46</b>	<b>106</b>	<b>154</b>	<b>165</b>	<b>374</b>	<b>869</b>
Underground.....	-	-	-	46	-	33	52	95	226
Surface.....	-	-	24	-	106	121	113	279	643
<b>Bituminous</b> .....	<b>3,498</b>	<b>664</b>	<b>939</b>	<b>498</b>	<b>232</b>	<b>329</b>	<b>127</b>	<b>370</b>	<b>6,657</b>
Underground.....	3,498	443	451	199	32	28	-	222	4,873
Surface.....	-	221	488	299	200	301	127	148	1,784
<b>Tennessee</b> .....	-	-	<b>357</b>	<b>44</b>	<b>50</b>	<b>129</b>	<b>17</b>	<b>63</b>	<b>660</b>
Underground.....	-	-	156	-	50	84	8	35	333
Surface.....	-	-	201	44	-	45	9	28	327
<b>Texas</b> .....	<b>2,080</b>	<b>58</b>	-	-	-	-	-	-	<b>2,138</b>
Surface.....	2,080	58	-	-	-	-	-	-	2,138
<b>Utah</b> .....	<b>1,554</b>	<b>270</b>	<b>54</b>	-	-	<b>14</b>	<b>5</b>	<b>139</b>	<b>2,036</b>
Underground.....	1,554	270	54	-	-	14	5	133	2,030

See footnotes at end of table.

**Table 19. Average Number of Employees at Underground and Surface Mines by State and Mine Production Range, 2006 (Continued)**

Coal-Producing State, Region <sup>1</sup> , and Mine Type	Mine Production Range (thousand short tons)								Total Number of Employees	
	1,000 and Greater	500 to 1,000	200 to 500	100 to 200	50 to 100	10 to 50	Less Than 10	Zero <sup>2</sup>		
<b>Utah (continued)</b>										
Surface.....	-	-	-	-	-	-	-	-	6	6
<b>Virginia.....</b>	<b>984</b>	<b>683</b>	<b>1,521</b>	<b>530</b>	<b>405</b>	<b>338</b>	<b>126</b>	<b>675</b>	<b>5,262</b>	
Underground.....	748	421	960	427	249	219	94	505	3,623	
Surface.....	236	262	561	103	156	119	32	170	1,639	
<b>Washington.....</b>	<b>673</b>	-	-	-	-	-	-	-	<b>673</b>	
Surface.....	673	-	-	-	-	-	-	-	673	
<b>West Virginia Total.....</b>	<b>8,286</b>	<b>3,323</b>	<b>3,590</b>	<b>1,046</b>	<b>756</b>	<b>597</b>	<b>178</b>	<b>2,300</b>	<b>20,076</b>	
Underground.....	4,757	2,341	2,726	724	624	356	140	1,522	13,190	
Surface.....	3,529	982	864	322	132	241	38	778	6,886	
<b>Northern.....</b>	<b>2,817</b>	<b>624</b>	<b>513</b>	<b>76</b>	<b>102</b>	<b>123</b>	<b>47</b>	<b>319</b>	<b>4,621</b>	
Underground.....	2,531	589	425	57	95	42	23	220	3,982	
Surface.....	286	35	88	19	7	81	24	99	639	
<b>Southern.....</b>	<b>5,469</b>	<b>2,699</b>	<b>3,077</b>	<b>970</b>	<b>654</b>	<b>474</b>	<b>131</b>	<b>1,981</b>	<b>15,455</b>	
Underground.....	2,226	1,752	2,301	667	529	314	117	1,302	9,208	
Surface.....	3,243	947	776	303	125	160	14	679	6,247	
<b>Wyoming.....</b>	<b>5,640</b>	<b>128</b>	-	-	<b>60</b>	<b>6</b>	<b>3</b>	-	<b>5,837</b>	
Underground.....	-	128	-	-	-	-	-	-	128	
Surface.....	5,640	-	-	-	60	6	3	-	5,709	
<b>Appalachian Total.....</b>	<b>17,473</b>	<b>9,759</b>	<b>10,627</b>	<b>4,554</b>	<b>3,197</b>	<b>2,774</b>	<b>1,228</b>	<b>6,020</b>	<b>55,632</b>	
Underground.....	12,841	6,585	6,215	2,704	1,940	1,187	613	3,673	35,758	
Surface.....	4,632	3,174	4,412	1,850	1,257	1,587	615	2,347	19,874	
<b>Northern.....</b>	<b>7,288</b>	<b>1,956</b>	<b>1,971</b>	<b>937</b>	<b>530</b>	<b>704</b>	<b>406</b>	<b>1,258</b>	<b>15,050</b>	
Underground.....	7,002	1,275	1,059	389	127	103	75	640	10,670	
Surface.....	286	681	912	548	403	601	331	618	4,380	
<b>Central.....</b>	<b>8,440</b>	<b>6,658</b>	<b>8,227</b>	<b>3,392</b>	<b>2,415</b>	<b>1,840</b>	<b>783</b>	<b>4,632</b>	<b>36,387</b>	
Underground.....	4,094	4,560	5,156	2,290	1,771	1,075	535	2,986	22,467	
Surface.....	4,346	2,098	3,071	1,102	644	765	248	1,646	13,920	
<b>Southern.....</b>	<b>1,745</b>	<b>1,145</b>	<b>429</b>	<b>225</b>	<b>252</b>	<b>230</b>	<b>39</b>	<b>130</b>	<b>4,195</b>	
Underground.....	1,745	750	-	25	42	9	3	47	2,621	
Surface.....	-	395	429	200	210	221	36	83	1,574	
<b>Interior Total.....</b>	<b>10,405</b>	<b>429</b>	<b>848</b>	<b>136</b>	<b>247</b>	<b>118</b>	<b>16</b>	<b>492</b>	<b>12,691</b>	
Underground.....	6,353	-	480	67	170	66	-	315	7,451	
Surface.....	4,052	429	368	69	77	52	16	177	5,240	
<b>Illinois Basin.....</b>	<b>7,943</b>	<b>332</b>	<b>641</b>	<b>87</b>	<b>247</b>	<b>46</b>	<b>12</b>	<b>476</b>	<b>9,784</b>	
Underground.....	6,353	-	432	67	170	-	-	315	7,337	
Surface.....	1,590	332	209	20	77	46	12	161	2,447	
<b>Western Total.....</b>	<b>13,444</b>	<b>418</b>	<b>232</b>	-	<b>101</b>	<b>20</b>	<b>8</b>	<b>327</b>	<b>14,550</b>	
Underground.....	3,452	398	192	-	-	14	5	205	4,266	
Surface.....	9,992	20	40	-	101	6	3	122	10,284	
<b>Powder River Basin.....</b>	<b>5,792</b>	-	-	-	<b>60</b>	-	-	-	<b>5,852</b>	
Surface.....	5,792	-	-	-	60	-	-	-	5,852	
<b>Uinta Region.....</b>	<b>3,608</b>	<b>290</b>	<b>79</b>	-	<b>41</b>	<b>14</b>	<b>5</b>	<b>145</b>	<b>4,182</b>	
Underground.....	3,150	270	79	-	-	14	5	139	3,657	
Surface.....	458	20	-	-	41	-	-	6	525	
<b>East of Miss. River.....</b>	<b>25,594</b>	<b>10,091</b>	<b>11,268</b>	<b>4,641</b>	<b>3,444</b>	<b>2,820</b>	<b>1,240</b>	<b>6,496</b>	<b>65,594</b>	
Underground.....	19,194	6,585	6,647	2,771	2,110	1,187	613	3,988	43,095	
Surface.....	6,400	3,506	4,621	1,870	1,334	1,633	627	2,508	22,499	
<b>West of Miss. River.....</b>	<b>15,728</b>	<b>515</b>	<b>439</b>	<b>49</b>	<b>101</b>	<b>92</b>	<b>12</b>	<b>343</b>	<b>17,279</b>	
Underground.....	3,452	398	240	-	-	80	5	205	4,380	
Surface.....	12,276	117	199	49	101	12	7	138	12,899	
<b>Subtotal.....</b>	<b>41,322</b>	<b>10,606</b>	<b>11,707</b>	<b>4,690</b>	<b>3,545</b>	<b>2,912</b>	<b>1,252</b>	<b>6,839</b>	<b>82,873</b>	
Underground.....	22,646	6,983	6,887	2,771	2,110	1,267	618	4,193	47,475	
Surface.....	18,676	3,623	4,820	1,919	1,435	1,645	634	2,646	35,398	
<b>Refuse Recovery.....</b>	-	-	-	<b>31</b>	-	<b>37</b>	<b>16</b>	<b>2</b>	<b>86</b>	
<b>U.S. Total.....</b>	<b>41,322</b>	<b>10,606</b>	<b>11,707</b>	<b>4,721</b>	<b>3,545</b>	<b>2,949</b>	<b>1,268</b>	<b>6,841</b>	<b>82,959</b>	

<sup>1</sup> For a definition of coal producing regions, see Glossary.

<sup>2</sup> Includes all employees at preparation plants and tipples not co-located with a mine.

- = No data are reported.

Note: • Includes all employees engaged in production, preparation, processing, development, maintenance, repair shop, or yard work at mining operations, including office workers. Excludes preparation plants with less than 5,000 employee hours per year, which are not required to provide data.

Source: • U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, "Quarterly Mine Employment and Coal Production Report."