

**Table 20. Average Number of Employees at Underground and Surface Mines by State and Union Status, 2016**

Coal-Producing State and Region <sup>1</sup>	Union		Nonunion	
	Underground	Surface	Underground	Surface
Alabama	1,442	41	79	456
Alaska	-	110	-	-
Arizona	-	385	-	-
Arkansas	-	-	56	-
Colorado	159	204	753	215
Illinois	-	7	2,995	220
Indiana	-	-	1,415	1,375
Kansas	-	-	-	7
<b>Kentucky Total</b>	<b>8</b>	<b>9</b>	<b>4,910</b>	<b>1,422</b>
Kentucky (East)	8	9	2,441	1,175
Kentucky (West)	-	-	2,469	247
Louisiana	-	-	-	305
Maryland	-	-	174	136
Mississippi	-	-	-	338
Missouri	-	-	-	19
Montana	-	672	237	248
New Mexico	404	370	-	249
North Dakota	-	212	-	1,045
Ohio	281	-	683	487
Oklahoma	-	-	76	75
<b>Pennsylvania Total</b>	<b>1,012</b>	<b>273</b>	<b>2,573</b>	<b>1,001</b>
Pennsylvania (Anthracite)	-	272	50	531
Pennsylvania (Bituminous)	1,012	1	2,523	470
Tennessee	-	-	115	42
Texas	-	1,383	-	1,178
Utah	16	-	1,113	38
Virginia	52	6	1,568	668
<b>West Virginia Total</b>	<b>2,955</b>	<b>218</b>	<b>6,175</b>	<b>1,967</b>
West Virginia (Northern)	2,357	-	1,718	69
West Virginia (Southern)	598	218	4,457	1,898
Wyoming	279	525	-	4,952
<b>Appalachia Total</b>	<b>5,750</b>	<b>547</b>	<b>13,808</b>	<b>5,932</b>
Appalachia Central	658	233	8,581	3,783
Appalachia Northern	3,650	273	5,148	1,693
Appalachia Southern	1,442	41	79	456
<b>Interior Region Total</b>	<b>-</b>	<b>1,390</b>	<b>7,011</b>	<b>3,764</b>
Illinois Basin	-	7	6,879	1,842
Other Interior	-	1,383	132	1,922
<b>Western Region Total</b>	<b>858</b>	<b>2,478</b>	<b>2,103</b>	<b>6,747</b>
Powder River Basin	-	659	-	5,033
Uinta Basin	175	176	1,756	226
Other Western	683	1,643	347	1,488
<b>East of Mississippi River</b>	<b>5,750</b>	<b>554</b>	<b>20,687</b>	<b>8,112</b>
<b>West of Mississippi River</b>	<b>858</b>	<b>3,861</b>	<b>2,235</b>	<b>8,331</b>
<b>U.S. Total</b>	<b>6,608</b>	<b>4,415</b>	<b>22,922</b>	<b>16,443</b>

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

- = No data reported.

Note: Includes all employees at preparation plants and tipples not co-located with a mine. Includes all employees engaged in production, preparation, processing, development, maintenance, repair shop, or yard work at mining operations, including office workers. Excludes mines producing less than 25,000 short tons and preparation plants with less than 5,000 employee hours per year, which are not required to provide data.

Source: U.S. Energy Information Administration Form EIA-7A, 'Annual Survey of Coal Production and Preparation,' and U.S. Department of Labor, Mine Safety and Health Administration Form 7000-2, 'Quarterly Mine Employment and Coal Production Report.'