

Table 20. Average Number of Employees at Underground and Surface Mines by State and Union Status, 2018

Coal-Producing State and Region ¹	Union		Nonunion	
	Underground	Surface	Underground	Surface
Alabama	2,175	1	81	534
Alaska	-	99	-	-
Arizona	-	416	-	-
Colorado	162	199	668	229
Illinois	-	-	2,729	350
Indiana	-	-	1,459	1,459
Kentucky Total	7	7	4,792	1,381
Kentucky (East)	7	7	2,486	1,311
Kentucky (West)	-	-	2,306	70
Louisiana	-	-	-	322
Maryland	-	-	171	103
Mississippi	-	-	-	199
Missouri	-	-	-	16
Montana	-	753	264	294
New Mexico	313	341	-	251
North Dakota	-	206	-	1,043
Ohio	13	-	678	427
Oklahoma	-	-	75	67
Pennsylvania Total	1,151	270	2,600	1,081
Pennsylvania (Anthracite)	-	270	40	515
Pennsylvania (Bituminous)	1,151	-	2,560	566
Tennessee	-	-	55	14
Texas	-	693	-	953
Utah	-	-	1,314	38
Virginia	52	6	1,949	636
West Virginia Total	3,113	76	7,629	2,998
West Virginia (Northern)	2,359	-	1,671	86
West Virginia (Southern)	754	76	5,958	2,912
Wyoming	169	518	-	4,871
Appalachia Total	6,511	360	15,649	7,104
Appalachia Central	813	89	10,448	4,873
Appalachia Northern	3,523	270	5,120	1,697
Appalachia Southern	2,175	1	81	534
Interior Region Total	-	693	6,569	3,436
Illinois Basin	-	-	6,494	1,879
Other Interior	-	693	75	1,557
Western Region Total	644	2,532	2,246	6,726
Powder River Basin	-	740	-	5,000
Uinta Basin	162	199	1,899	239
Other Western	482	1,593	347	1,487
East of Mississippi River	6,511	360	22,143	9,182
West of Mississippi River	644	3,225	2,321	8,084
U.S. Total	7,155	3,585	24,464	17,266

- = No data reported.

1 For a definition of coal producing regions, see the Glossary.

Notes: 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.

Sources: 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.'