

Table 20. Average Number of Employees at Underground and Surface Mines by State and Union Status, 2022

Coal-Producing State and Region ¹	Union		Nonunion	
	Underground	Surface	Underground	Surface
Alabama	1,600	-	78	382
Alaska	-	99	-	-
Colorado	173	121	741	249
Illinois	-	-	2,063	94
Indiana	-	-	1,358	909
Kentucky Total	-	-	3,424	1,023
Kentucky (East)	-	-	1,840	1,023
Kentucky (West)	-	-	1,584	-
Louisiana	-	-	-	35
Maryland	-	-	124	130
Mississippi	-	-	-	231
Missouri	-	-	-	7
Montana	-	438	230	286
New Mexico	183	363	-	226
North Dakota	-	207	-	979
Ohio	-	-	233	173
Pennsylvania Total	698	279	2,432	913
Pennsylvania (Anthracite)	-	279	36	492
Pennsylvania (Bituminous)	698	-	2,396	421
Tennessee	-	-	4	-
Texas	-	350	-	554
Utah	-	-	1,346	42
Virginia	69	1	1,432	794
West Virginia Total	2,402	35	7,753	2,498
West Virginia (Northern)	2,212	-	2,112	97
West Virginia (Southern)	190	35	5,641	2,401
Wyoming	-	434	-	4,360
Appalachia Total	4,769	315	13,896	5,913
Appalachia Central	259	36	8,917	4,218
Appalachia Northern	2,910	279	4,901	1,313
Appalachia Southern	1,600	-	78	382
Interior Region Total	-	350	5,005	1,830
Illinois Basin	-	-	5,005	1,003
Other Interior	-	350	-	827
Western Region Total	356	1,662	2,317	6,142
Powder River Basin	-	432	-	4,493
Uinta Basin	173	121	1,854	270
Other Western	183	1,109	463	1,379
East of Mississippi River	4,769	315	18,901	7,147
West of Mississippi River	356	2,012	2,317	6,738
U.S. Total	5,125	2,327	21,218	13,885

- = 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.'