

**Table 20. Average Number of Employees at Underground and Surface Mines by State and Union Status, 2017**

| Coal-Producing State and Region <sup>1</sup> | Union        |              | Nonunion      |               |
|--|--------------|--------------|---------------|---------------|
|  | Underground  | Surface      | Underground   | Surface       |
| Alabama                                      | 1,958        | 2            | 74            | 513           |
| Alaska                                       | -            | 102          | -             | -             |
| Arizona                                      | -            | 402          | -             | -             |
| Colorado                                     | 159          | 208          | 649           | 237           |
| Illinois                                     | -            | 8            | 2,858         | 277           |
| Indiana                                      | -            | -            | 1,312         | 1,473         |
| <b>Kentucky Total</b>                        | <b>8</b>     | <b>8</b>     | <b>4,804</b>  | <b>1,455</b>  |
| Kentucky (East)                              | 8            | 8            | 2,529         | 1,251         |
| Kentucky (West)                              | -            | -            | 2,275         | 204           |
| Louisiana                                    | -            | -            | -             | 325           |
| Maryland                                     | -            | -            | 172           | 123           |
| Mississippi                                  | -            | -            | -             | 380           |
| Missouri                                     | -            | -            | -             | 15            |
| Montana                                      | -            | 633          | 252           | 261           |
| New Mexico                                   | 349          | 342          | -             | 238           |
| North Dakota                                 | -            | 200          | -             | 1,055         |
| Ohio   | 24           | -            | 643           | 374           |
| Oklahoma                                     | -            | -            | 84            | 100           |
| <b>Pennsylvania Total</b>                    | <b>1,104</b> | <b>262</b>   | <b>2,742</b>  | <b>1,047</b>  |
| Pennsylvania (Anthracite)                    | -            | 255          | 52            | 454           |
| Pennsylvania (Bituminous)                    | 1,104        | 7            | 2,690         | 593           |
| Tennessee                                    | -            | -            | 85            | 39            |
| Texas  | -            | 1,069        | -             | 924           |
| Utah   | -            | -            | 1,191         | 38            |
| Virginia                                     | 58           | 3            | 1,869         | 618           |
| <b>West Virginia Total</b>                   | <b>3,285</b> | <b>80</b>    | <b>7,166</b>  | <b>2,458</b>  |
| West Virginia (Northern)                     | 2,489        | -            | 1,723         | 25            |
| West Virginia (Southern)                     | 796          | 80           | 5,443         | 2,433         |
| Wyoming                                      | 230          | 510          | -             | 4,960         |
| <b>Appalachia Total</b>                      | <b>6,437</b> | <b>355</b>   | <b>15,280</b> | <b>6,423</b>  |
| Appalachia Central                           | 862          | 91           | 9,926         | 4,341         |
| Appalachia Northern                          | 3,617        | 262          | 5,280         | 1,569         |
| Appalachia Southern                          | 1,958        | 2            | 74            | 513           |
| <b>Interior Region Total</b>                 | <b>-</b>     | <b>1,077</b> | <b>6,529</b>  | <b>3,698</b>  |
| Illinois Basin                               | -            | 8            | 6,445         | 1,954         |
| Other Interior                               | -            | 1,069        | 84            | 1,744         |
| <b>Western Region Total</b>                  | <b>738</b>   | <b>2,397</b> | <b>2,092</b>  | <b>6,789</b>  |
| Powder River Basin                           | -            | 619          | -             | 5,038         |
| Uinta Basin                                  | 159          | 184          | 1,758         | 247           |
| Other Western                                | 579          | 1,594        | 334           | 1,504         |
| <b>East of Mississippi River</b>             | <b>6,437</b> | <b>363</b>   | <b>21,725</b> | <b>8,757</b>  |
| <b>West of Mississippi River</b>             | <b>738</b>   | <b>3,466</b> | <b>2,176</b>  | <b>8,153</b>  |
| <b>U.S. Total</b>                            | <b>7,175</b> | <b>3,829</b> | <b>23,901</b> | <b>16,910</b> |

- = 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.'