

**Table 13. Productive Capacity and Capacity Utilization of Underground Coal Mines by State and Mining Method, 2017**

(thousand short tons)

| Coal-Producing State       | Continuous <sup>1</sup> |                              | Conventional and Other <sup>2</sup> |                              | Longwall <sup>3</sup> |                              | Total               |                              |
|----------------------------|-------------------------|------------------------------|-------------------------------------|------------------------------|-----------------------|------------------------------|---------------------|------------------------------|
|                            | Productive Capacity     | Capacity Utilization Percent | Productive Capacity                 | Capacity Utilization Percent | Productive Capacity   | Capacity Utilization Percent | Productive Capacity | Capacity Utilization Percent |
| Alabama                    | 355                     | 81.90                        | -                                   | -                            | 13,111                | 77.77                        | 13,466              | 77.88                        |
| Colorado                   | 1,000                   | 54.66                        | -                                   | -                            | 13,000                | 81.32                        | 14,000              | 79.41                        |
| Illinois                   | 17,599                  | 87.45                        | 2,300                               | 88.34                        | 30,216                | 90.96                        | 50,115              | 89.61                        |
| Indiana                    | 14,893                  | 96.66                        | -                                   | -                            | -                     | -                            | 14,893              | 96.66                        |
| <b>Kentucky Total</b>      | <b>41,424</b>           | <b>75.57</b>                 | <b>360</b>                          | <b>39.19</b>                 | -                     | -                            | <b>41,784</b>       | <b>75.26</b>                 |
| Kentucky (East)            | 16,182                  | 60.26                        | 360                                 | 39.19                        | -                     | -                            | 16,542              | 59.80                        |
| Kentucky (West)            | 25,242                  | 85.39                        | -                                   | -                            | -                     | -                            | 25,242              | 85.39                        |
| Maryland                   | 840                     | 88.63                        | -                                   | -                            | -                     | -                            | 840                 | 88.63                        |
| Montana                    | -                       | -                            | -                                   | -                            | 10,000                | 58.84                        | 10,000              | 58.84                        |
| New Mexico                 | -                       | -                            | -                                   | -                            | 9,000                 | 59.19                        | 9,000               | 59.19                        |
| Ohio                       | 1,710                   | 65.02                        | -                                   | -                            | 6,500                 | 87.33                        | 8,210               | 82.69                        |
| Oklahoma                   | 500                     | 63.85                        | -                                   | -                            | -                     | -                            | 500                 | 63.85                        |
| <b>Pennsylvania Total</b>  | <b>10,021</b>           | <b>67.26</b>                 | <b>30</b>                           | <b>60.19</b>                 | <b>41,224</b>         | <b>89.19</b>                 | <b>51,274</b>       | <b>84.89</b>                 |
| Pennsylvania (Anthracite)  | 46                      | 77.54                        | 30                                  | 60.19                        | -                     | -                            | 76                  | 70.66                        |
| Pennsylvania (Bituminous)  | 9,975                   | 67.21                        | -                                   | -                            | 41,224                | 89.19                        | 51,199              | 84.91                        |
| Tennessee                  | 394                     | 78.87                        | -                                   | -                            | -                     | -                            | 394                 | 78.87                        |
| Utah                       | 3,258                   | 52.61                        | -                                   | -                            | 15,900                | 74.77                        | 19,158              | 71.00                        |
| Virginia                   | 7,217                   | 60.85                        | -                                   | -                            | 5,353                 | 100.00                       | 12,570              | 77.52                        |
| <b>West Virginia Total</b> | <b>31,265</b>           | <b>73.45</b>                 | <b>1,200</b>                        | <b>31.17</b>                 | <b>62,810</b>         | <b>78.26</b>                 | <b>95,276</b>       | <b>76.09</b>                 |
| West Virginia (Northern)   | 2,418                   | 85.77                        | -                                   | -                            | 56,300                | 79.10                        | 58,718              | 79.38                        |
| West Virginia (Southern)   | 28,847                  | 72.42                        | 1,200                               | 31.17                        | 6,510                 | 70.96                        | 36,558              | 70.80                        |
| Wyoming                    | -                       | -                            | -                                   | -                            | 2,300                 | 74.60                        | 2,300               | 74.60                        |
| <b>U.S. Total</b>          | <b>130,476</b>          | <b>76.81</b>                 | <b>3,890</b>                        | <b>65.94</b>                 | <b>209,414</b>        | <b>81.19</b>                 | <b>343,780</b>      | <b>79.36</b>                 |

- = No data reported.

1 Mines that produce greater than 50 percent of their coal by continuous mining methods.

2 Mines that produce greater than 50 percent of their coal by conventional methods or mines that produce coal using shortwall, scoop loading, hand loading, or other methods or a 50/50 percent continuous/conventional split in mining method.

3 Mines that have any production from the longwall mining method. A typical longwall mining operation uses 80 percent longwall mining and 20 percent continuous mining.

Notes: Productive capacity is the maximum amount of coal that can be produced annually. Capacity utilization is the ratio of total production to annual productive capacity. Excludes refuse recovery and mines producing less than 25,000 short tons, which are not required to provide data. Totals may not equal sum of components because of independent rounding.

Sources: U.S. Energy Information Administration Form EIA-7A, 'Annual Survey of Coal Production and Preparation,' for productive capacity, and U.S. Department of Labor, Mine Safety and Health Administration Form 7000-2, 'Quarterly Mines Employment and Coal Production Report,' for annual production.