

Table 2.6 U.S. Coal Production and Number of Mines by State and Mine Type, 2016

| Rank              | State           | Underground     |                                   | Surface         |                                   | Total           |                                   |
|-------------------|-----------------|-----------------|-----------------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|
|                   |                 | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons |
| 1                 | Wyoming         | 1               | 1,167                             | 15              | 296,051                           | 16              | 297,218                           |
| 2                 | West Virginia   | 68              | 64,045                            | 55              | 15,713                            | 123             | 79,758                            |
| 3                 | Pennsylvania    | 41              | 41,386                            | 131             | 4,334                             | 172             | 45,720                            |
| 4                 | Illinois        | 12              | 41,257                            | 9               | 2,165                             | 21              | 43,422                            |
| 5                 | Kentucky        | 60              | 32,711                            | 98              | 10,157                            | 158             | 42,868                            |
| 6                 | Texas           |                 |                                   | 14              | 39,001                            | 14              | 39,001                            |
| 7                 | Montana         | 1               | 5,609                             | 5               | 26,727                            | 6               | 32,336                            |
| 8                 | Indiana         | 8               | 12,263                            | 12              | 16,503                            | 20              | 28,766                            |
| 9                 | North Dakota    |                 |                                   | 5               | 28,121                            | 5               | 28,121                            |
| 10                | Utah            | 7               | 13,307                            | 1               | 671                               | 8               | 13,978                            |
| 11                | New Mexico      | 1               | 4,331                             | 2               | 9,010                             | 3               | 13,341                            |
| 12                | Virginia        | 25              | 8,971                             | 29              | 3,939                             | 54              | 12,910                            |
| 13                | Colorado        | 5               | 8,785                             | 3               | 3,849                             | 8               | 12,634                            |
| 14                | Ohio            | 9               | 9,297                             | 10              | 3,267                             | 19              | 12,564                            |
| 15                | Alabama         | 7               | 7,434                             | 23              | 2,209                             | 30              | 9,643                             |
| 16                | Arizona         |                 |                                   | 1               | 5,423                             | 1               | 5,423                             |
| 17                | Mississippi     |                 |                                   | 2               | 2,870                             | 2               | 2,870                             |
| 18                | Louisiana       |                 |                                   | 2               | 2,798                             | 2               | 2,798                             |
| 19                | Maryland        | 2               | 709                               | 15              | 907                               | 17              | 1,616                             |
| 20                | Alaska          |                 |                                   | 1               | 932                               | 1               | 932                               |
| 21                | Oklahoma        | 1               | 384                               | 3               | 271                               | 4               | 655                               |
| 22                | Tennessee       | 4               | 423                               | 2               | 221                               | 6               | 644                               |
| 23                | Missouri        |                 |                                   | 1               | 234                               | 1               | 234                               |
| 24                | Arkansas        | 1               | 37                                | 2               | 13                                | 3               | 50                                |
| 25                | Kansas          |                 |                                   | 1               | 27                                | 1               | 27                                |
|                   | Refuse Recovery |                 |                                   |                 |                                   | 15              | 851                               |
| <b>U.S. Total</b> |                 | <b>253</b>      | <b>252,116</b>                    | <b>442</b>      | <b>475,413</b>                    | <b>710</b>      | <b>728,380</b>                    |

Source: [EIA, Annual Coal Report, 2016](#)  
 Utah data from UGS coal company questionnaires

Table 2.6 U.S. Coal Production and Number of Mines by State and Mine Type, 2015

| Rank              | State           | Underground     |                                   | Surface         |                                   | Total           |                                   |
|-------------------|-----------------|-----------------|-----------------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|
|                   |                 | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons |
| 1                 | Wyoming         | 1               | 3,090                             | 15              | 372,682                           | 16              | 375,772                           |
| 2                 | West Virginia   | 81              | 75,290                            | 70              | 20,343                            | 151             | 95,633                            |
| 3                 | Kentucky        | 81              | 43,378                            | 129             | 18,047                            | 210             | 61,425                            |
| 4                 | Illinois        | 14              | 51,973                            | 9               | 4,128                             | 23              | 56,101                            |
| 5                 | Pennsylvania    | 45              | 43,894                            | 150             | 6,137                             | 195             | 50,031                            |
| 6                 | Montana         | 1               | 6,420                             | 5               | 35,444                            | 6               | 41,864                            |
| 7                 | Texas           |                 |                                   | 14              | 35,918                            | 14              | 35,918                            |
| 8                 | Indiana         | 9               | 15,608                            | 15              | 18,688                            | 24              | 34,296                            |
| 9                 | North Dakota    |                 |                                   | 4               | 28,802                            | 4               | 28,802                            |
| 10                | New Mexico      | 1               | 6,518                             | 2               | 13,161                            | 3               | 19,679                            |
| 11                | Colorado        | 5               | 13,141                            | 4               | 5,738                             | 9               | 18,879                            |
| 12                | Ohio            | 11              | 12,220                            | 14              | 4,821                             | 25              | 17,041                            |
| 13                | Utah            | 9               | 14,197                            | 1               | 316                               | 10              | 14,513                            |
| 14                | Virginia        | 32              | 9,677                             | 33              | 4,237                             | 65              | 13,914                            |
| 15                | Alabama         | 8               | 9,897                             | 29              | 3,294                             | 37              | 13,191                            |
| 16                | Arizona         |                 |                                   | 1               | 6,805                             | 1               | 6,805                             |
| 17                | Louisiana       |                 |                                   | 2               | 3,439                             | 2               | 3,439                             |
| 18                | Mississippi     |                 |                                   | 2               | 3,143                             | 2               | 3,143                             |
| 19                | Maryland        | 2               | 599                               | 16              | 1,323                             | 18              | 1,922                             |
| 20                | Alaska          |                 |                                   | 1               | 1,177                             | 1               | 1,177                             |
| 21                | Tennessee       | 4               | 531                               | 6               | 366                               | 10              | 897                               |
| 22                | Oklahoma        | 1               | 391                               | 4               | 389                               | 5               | 780                               |
| 23                | Kansas          |                 |                                   | 1               | 199                               | 1               | 199                               |
| 24                | Missouri        |                 |                                   | 1               | 138                               | 1               | 138                               |
| 25                | Arkansas        | 1               | 91                                | 1               |                                   | 2               | 91                                |
|                   | Refuse Recovery |                 |                                   |                 |                                   | 19              | 1,384                             |
| <b>U.S. Total</b> |                 | <b>306</b>      | <b>306,915</b>                    | <b>529</b>      | <b>588,735</b>                    | <b>854</b>      | <b>897,034</b>                    |

Source: [EIA, Annual Coal Report, 2015](#)

Utah data from UGS coal company questionnaires

Table 2.6 U.S. Coal Production and Number of Mines by State and Mine Type, 2014

| Rank              | State           | Underground     |                                   | Surface         |                                   | Total           |                                   |
|-------------------|-----------------|-----------------|-----------------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|
|                   |                 | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons |
| 1                 | Wyoming         | 1               | 3,370                             | 17              | 392,295                           | 18              | 395,665                           |
| 2                 | West Virginia   | 100             | 81,636                            | 91              | 30,551                            | 191             | 112,187                           |
| 3                 | Kentucky        | 93              | 52,807                            | 159             | 24,527                            | 252             | 77,335                            |
| 4                 | Pennsylvania    | 51              | 52,912                            | 171             | 7,998                             | 222             | 60,910                            |
| 5                 | Illinois        | 13              | 52,713                            | 9               | 5,256                             | 22              | 57,969                            |
| 6                 | Montana         | 1               | 7,902                             | 5               | 36,660                            | 6               | 44,562                            |
| 7                 | Texas           |                 |                                   | 16              | 43,654                            | 16              | 43,654                            |
| 8                 | Indiana         | 9               | 18,105                            | 20              | 21,162                            | 29              | 39,267                            |
| 9                 | North Dakota    |                 |                                   | 4               | 29,157                            | 4               | 29,157                            |
| 10                | Colorado        | 6               | 18,123                            | 4               | 5,884                             | 10              | 24,007                            |
| 11                | Ohio            | 11              | 15,550                            | 17              | 6,703                             | 28              | 22,252                            |
| 12                | New Mexico      | 1               | 8,800                             | 2               | 13,164                            | 3               | 21,963                            |
| 13                | Utah            | 7               | 17,378                            | 1               | 555                               | 8               | 17,933                            |
| 14                | Alabama         | 7               | 12,516                            | 29              | 3,847                             | 36              | 16,363                            |
| 15                | Virginia        | 38              | 11,067                            | 31              | 3,992                             | 69              | 15,059                            |
| 16                | Arizona         |                 |                                   | 1               | 8,051                             | 1               | 8,051                             |
| 17                | Mississippi     |                 |                                   | 2               | 3,737                             | 2               | 3,737                             |
| 18                | Louisiana       |                 |                                   | 2               | 2,605                             | 2               | 2,605                             |
| 19                | Maryland        | 2               | 718                               | 18              | 1,260                             | 20              | 1,978                             |
| 20                | Alaska          |                 |                                   | 1               | 1,502                             | 1               | 1,502                             |
| 21                | Oklahoma        | 1               | 398                               | 5               | 506                               | 6               | 904                               |
| 22                | Tennessee       | 3               | 622                               | 4               | 218                               | 7               | 839                               |
| 23                | Missouri        |                 |                                   | 1               | 363                               | 1               | 363                               |
| 24                | Arkansas        | 1               | 87                                | 1               | 7                                 | 2               | 94                                |
| 25                | Kansas          |                 |                                   | 2               | 66                                | 2               | 66                                |
|                   | Refuse Recovery |                 |                                   |                 |                                   | 27              | 1,624                             |
| <b>U.S. Total</b> |                 | <b>345</b>      | <b>354,704</b>                    | <b>613</b>      | <b>643,721</b>                    | <b>985</b>      | <b>1,000,049</b>                  |

Source: [EIA, Annual Coal Report, 2014](#)  
 Utah data from UGS coal company questionnaires

Table 2.6 U.S. Coal Production and Number of Mines by State and Mine Type, 2013

| Rank | State                   | Underground     |                                   | Surface         |                                   | Total           |                                   |
|------|-------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|
|      |                         | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons |
|      |                         |                 |                                   |                 |                                   |                 |                                   |
| 1    | Wyoming                 | 1               | 4,443                             | 16              | 383,481                           | 17              | 387,924                           |
| 2    | West Virginia           | 129             | 81,958                            | 90              | 33,967                            | 219             | 115,925                           |
| 3    | Kentucky                | 98              | 54,620                            | 172             | 25,759                            | 270             | 80,380                            |
|      | <i>Eastern Kentucky</i> | 86              | 19,573                            | 160             | 19,928                            | 246             | 39,501                            |
|      | <i>Western Kentucky</i> | 12              | 35,047                            | 12              | 5,832                             | 24              | 40,879                            |
| 4    | Illinois                | 15              | 46,447                            | 9               | 5,701                             | 24              | 52,147                            |
| 5    | Pennsylvania            | 51              | 42,025                            | 177             | 8,844                             | 228             | 50,870                            |
| 6    | Texas                   |                 |                                   | 11              | 42,851                            | 11              | 42,851                            |
| 7    | Montana                 | 1               | 8,683                             | 5               | 33,549                            | 6               | 42,231                            |
| 8    | Indiana                 | 9               | 16,837                            | 18              | 22,265                            | 27              | 39,102                            |
| 9    | North Dakota            |                 |                                   | 4               | 27,639                            | 4               | 27,639                            |
| 10   | Ohio                    | 10              | 17,426                            | 21              | 7,687                             | 31              | 25,113                            |
| 11   | Colorado                | 6               | 19,416                            | 4               | 4,820                             | 10              | 24,236                            |
| 12   | New Mexico              | 1               | 5,989                             | 3               | 15,979                            | 4               | 21,969                            |
| 13   | Alabama                 | 8               | 13,515                            | 31              | 5,105                             | 39              | 18,620                            |
| 14   | Utah                    | 7               | 16,206                            | 1               | 741                               | 9               | 16,953                            |
| 15   | Virginia                | 48              | 12,190                            | 34              | 4,429                             | 82              | 16,619                            |
| 16   | Arizona                 |                 |                                   | 1               | 7,603                             | 1               | 7,603                             |
| 17   | Mississippi             |                 |                                   | 2               | 3,575                             | 2               | 3,575                             |
| 18   | Louisiana               |                 |                                   | 2               | 2,810                             | 2               | 2,810                             |
| 19   | Maryland                | 3               | 670                               | 18              | 1,255                             | 21              | 1,925                             |
| 20   | Alaska                  |                 |                                   | 1               | 1,632                             | 1               | 1,632                             |
| 21   | Oklahoma                | 2               | 443                               | 7               | 692                               | 9               | 1,136                             |
| 22   | Tennessee               | 4               | 731                               | 7               | 368                               | 11              | 1,098                             |
| 23   | Missouri                |                 |                                   | 1               | 414                               | 1               | 414                               |
| 24   | Arkansas                | 1               | 55                                | 1               | 4                                 | 2               | 59                                |
| 25   | Kansas                  |                 |                                   | 1               | 22                                | 1               | 22                                |
|      | Appalachian             | 339             | 188,090                           | 538             | 81,582                            | 877             | 269,672                           |
|      | Interior                | 39              | 98,829                            | 64              | 84,165                            | 103             | 182,994                           |
|      | Western                 | 17              | 54,766                            | 35              | 475,444                           | 52              | 530,210                           |
|      | East of Mississippi R.  | 375             | 286,419                           | 579             | 118,955                           | 954             | 405,375                           |
|      | West of Mississippi R.  | 19              | 55,235                            | 58              | 522,237                           | 77              | 577,501                           |
|      | U.S. Subtotal           | 395             | 341,685                           | 637             | 641,191                           | 1,032           | 982,876                           |
|      | Refuse Recovery         |                 |                                   |                 |                                   | 29              | 1,966                             |
|      | <b>U.S. Total</b>       | <b>395</b>      | <b>341,685</b>                    | <b>637</b>      | <b>641,191</b>                    | <b>1,061</b>    | <b>984,842</b>                    |

Source: [EIA, Annual Coal Report, 2013](#)

Utah data from UGS coal company questionnaires

Table 2.6 U.S. Coal Production and Number of Mines by State and Mine Type, 2012

| Rank | State                   | Underground     |                                   | Surface         |                                   | Total           |                                   |
|------|-------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|
|      |                         | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons |
| 1    | Wyoming                 | 1               | 4,637                             | 17              | 396,805                           | 18              | 401,442                           |
| 2    | West Virginia           | 160             | 80,469                            | 104             | 39,956                            | 264             | 120,425                           |
| 3    | Kentucky                | 150             | 58,198                            | 207             | 32,664                            | 357             | 90,862                            |
|      | <i>Eastern Kentucky</i> | <i>137</i>      | <i>24,100</i>                     | <i>193</i>      | <i>24,698</i>                     | <i>330</i>      | <i>48,798</i>                     |
|      | <i>Western Kentucky</i> | <i>13</i>       | <i>34,098</i>                     | <i>14</i>       | <i>7,966</i>                      | <i>27</i>       | <i>42,063</i>                     |
| 4    | Pennsylvania            | 49              | 45,041                            | 186             | 9,677                             | 235             | 54,719                            |
| 5    | Illinois                | 15              | 42,837                            | 9               | 5,649                             | 24              | 48,486                            |
| 6    | Texas                   |                 |                                   | 12              | 44,178                            | 12              | 44,178                            |
| 7    | Indiana                 | 9               | 15,565                            | 20              | 21,156                            | 29              | 36,720                            |
| 8    | Montana                 | 1               | 5,708                             | 5               | 30,986                            | 6               | 36,694                            |
| 9    | Colorado                | 9               | 23,646                            | 3               | 4,920                             | 12              | 28,566                            |
| 10   | North Dakota            |                 |                                   | 4               | 27,529                            | 4               | 27,529                            |
| 11   | Ohio                    | 10              | 18,125                            | 29              | 8,203                             | 39              | 26,328                            |
| 12   | New Mexico              | 1               | 4,960                             | 3               | 17,492                            | 4               | 22,452                            |
| 13   | Alabama                 | 8               | 12,570                            | 38              | 6,752                             | 46              | 19,321                            |
| 14   | Virginia                | 57              | 12,370                            | 39              | 6,595                             | 96              | 18,965                            |
| 15   | Utah                    | 8               | 16,585                            | 1               | 570                               | 9               | 17,155                            |
| 16   | Arizona                 | 1               | 7,493                             |                 |                                   | 1               | 7,493                             |
| 17   | Louisiana               |                 |                                   | 2               | 3,971                             | 2               | 3,971                             |
| 18   | Mississippi             |                 |                                   | 1               | 2,953                             | 1               | 2,953                             |
| 19   | Maryland                | 3               | 797                               | 18              | 1,486                             | 21              | 2,283                             |
| 20   | Alaska                  | 1               | 2,052                             |                 |                                   | 1               | 2,052                             |
| 21   | Tennessee               | 5               | 573                               | 9               | 517                               | 14              | 1,090                             |
| 22   | Oklahoma                | 1               | 349                               | 6               | 704                               | 7               | 1,054                             |
| 23   | Missouri                |                 |                                   | 2               | 422                               | 2               | 422                               |
| 24   | Arkansas                | 1               | 96                                | 1               | 2                                 | 2               | 98                                |
| 25   | Kansas                  |                 |                                   | 1               | 16                                | 1               | 16                                |
|      | Appalachian             | 429             | 194,045                           | 616             | 97,884                            | 1,045           | 291,929                           |
|      | Interior                | 39              | 92,945                            | 68              | 87,017                            | 107             | 179,961                           |
|      | Western                 | 20              | 55,535                            | 35              | 487,847                           | 55              | 543,382                           |
|      | East of Mississippi R.  | 466             | 286,545                           | 660             | 135,608                           | 1,126           | 422,152                           |
|      | West of Mississippi R.  | 24              | 65,526                            | 57              | 527,595                           | 81              | 593,121                           |
|      | U.S. Subtotal           | 488             | 342,525                           | 719             | 672,748                           | 1,207           | 1,015,272                         |
|      | Refuse Recovery         |                 |                                   |                 |                                   | 22              | 1,324                             |
|      | <b>U.S. Total</b>       | <b>488</b>      | <b>342,525</b>                    | <b>719</b>      | <b>672,748</b>                    | <b>1,229</b>    | <b>1,016,596</b>                  |

Source: [EIA, Annual Coal Report, 2012](#)

Utah data from UGS coal company questionnaires

Table 2.6 U.S. Coal Production and Number of Mines by State and Mine Type, 2011

| Rank | State                   | Underground     |                                   | Surface         |                                   | Total           |                                   |
|------|-------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|
|      |                         | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons |
|      |                         |                 |                                   |                 |                                   |                 |                                   |
| 1    | Wyoming                 | 1               | 3,043                             | 17              | 435,630                           | 18              | 438,673                           |
| 2    | West Virginia           | 159             | 83,395                            | 114             | 51,267                            | 273             | 134,662                           |
| 3    | Kentucky                | 169             | 65,248                            | 231             | 43,518                            | 400             | 108,766                           |
|      | <i>Eastern Kentucky</i> | <i>156</i>      | <i>33,345</i>                     | <i>219</i>      | <i>34,585</i>                     | <i>375</i>      | <i>67,930</i>                     |
|      | <i>Western Kentucky</i> | <i>13</i>       | <i>31,903</i>                     | <i>12</i>       | <i>8,933</i>                      | <i>25</i>       | <i>40,836</i>                     |
| 4    | Pennsylvania            | 48              | 47,317                            | 194             | 11,865                            | 242             | 59,182                            |
| 5    | Texas                   |                 |                                   | 13              | 45,904                            | 13              | 45,904                            |
| 6    | Montana                 | 1               | 5,136                             | 5               | 36,873                            | 6               | 42,008                            |
| 7    | Illinois                | 15              | 32,717                            | 9               | 5,053                             | 24              | 37,770                            |
| 8    | Indiana                 | 8               | 16,469                            | 20              | 20,957                            | 28              | 37,426                            |
| 9    | North Dakota            |                 |                                   | 4               | 28,231                            | 4               | 28,231                            |
| 10   | Ohio                    | 10              | 18,972                            | 36              | 9,194                             | 46              | 28,166                            |
| 11   | Colorado                | 7               | 21,508                            | 3               | 5,382                             | 10              | 26,890                            |
| 12   | Virginia                | 61              | 15,461                            | 49              | 7,061                             | 110             | 22,523                            |
| 13   | New Mexico              | 1               | 3,983                             | 3               | 17,939                            | 4               | 21,922                            |
| 14   | Utah                    | 8               | 19,670                            | 1               | 403                               | 9               | 20,073                            |
| 15   | Alabama                 | 9               | 10,879                            | 43              | 8,192                             | 52              | 19,071                            |
| 16   | Arizona                 |                 |                                   | 1               | 8,111                             | 1               | 8,111                             |
| 17   | Louisiana               |                 |                                   | 1               | 3,865                             | 1               | 3,865                             |
| 18   | Maryland                | 3               | 873                               | 19              | 2,064                             | 22              | 2,937                             |
| 19   | Mississippi             |                 |                                   | 1               | 2,747                             | 1               | 2,747                             |
| 20   | Alaska                  |                 |                                   | 1               | 2,149                             | 1               | 2,149                             |
| 21   | Tennessee               | 6               | 423                               | 15              | 1,124                             | 21              | 1,547                             |
| 22   | Oklahoma                | 1               | 408                               | 5               | 736                               | 6               | 1,145                             |
| 23   | Missouri                |                 |                                   | 2               | 465                               | 2               | 465                               |
| 24   | Arkansas                | 1               | 127                               | 1               | 7                                 | 2               | 133                               |
| 25   | Kansas                  |                 |                                   | 1               | 37                                | 1               | 37                                |
|      | Appalachian             | 452             | 210,664                           | 689             | 125,353                           | 1,141           | 336,017                           |
|      | Interior                | 38              | 81,624                            | 65              | 88,703                            | 103             | 170,327                           |
|      | Western                 | 19              | 53,720                            | 34              | 534,338                           | 53              | 588,058                           |
|      | East of Mississippi R.  | 488             | 291,754                           | 731             | 163,042                           | 1,219           | 454,796                           |
|      | West of Mississippi R.  | 13              | 34,608                            | 65              | 604,999                           | 78              | 639,607                           |
|      | U.S. Subtotal           | 509             | 346,008                           | 788             | 748,394                           | 1,297           | 1,094,402                         |
|      | Refuse Recovery         |                 |                                   |                 |                                   | 29              | 1,650                             |
|      | <b>U.S. Total</b>       | <b>509</b>      | <b>346,008</b>                    | <b>788</b>      | <b>748,394</b>                    | <b>1,326</b>    | <b>1,096,052</b>                  |

Source: [EIA, Annual Coal Report, 2011](#)

Utah data from UGS coal company questionnaires

Table 2.6 U.S. Coal Production and Number of Mines by State and Mine Type, 2010

| Rank | State                   | Underground     |                                   | Surface         |                                   | Total           |                                   |
|------|-------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|
|      |                         | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons |
|      |                         |                 |                                   |                 |                                   |                 |                                   |
| 1    | Wyoming                 | 1               | 3,819                             | 18              | 438,703                           | 19              | 442,522                           |
| 2    | West Virginia           | 152             | 84,544                            | 100             | 50,676                            | 252             | 135,220                           |
| 3    | Kentucky                | 171             | 63,993                            | 221             | 40,967                            | 392             | 104,960                           |
|      | <i>Eastern Kentucky</i> | <i>159</i>      | <i>34,388</i>                     | <i>208</i>      | <i>33,675</i>                     | <i>367</i>      | <i>68,063</i>                     |
|      | <i>Western Kentucky</i> | <i>12</i>       | <i>29,605</i>                     | <i>13</i>       | <i>7,293</i>                      | <i>25</i>       | <i>36,897</i>                     |
| 4    | Pennsylvania            | 44              | 47,667                            | 196             | 10,926                            | 240             | 58,593                            |
| 5    | Montana                 | 1               | 4,389                             | 5               | 40,343                            | 6               | 44,732                            |
| 6    | Texas                   |                 |                                   | 12              | 40,982                            | 12              | 40,982                            |
| 7    | Indiana                 | 8               | 14,287                            | 21              | 20,663                            | 29              | 34,950                            |
| 8    | Illinois                | 14              | 28,286                            | 8               | 4,955                             | 22              | 33,241                            |
| 9    | North Dakota            |                 |                                   | 4               | 28,949                            | 4               | 28,949                            |
| 10   | Ohio                    | 10              | 17,463                            | 32              | 9,244                             | 42              | 26,707                            |
| 11   | Colorado                | 7               | 20,085                            | 3               | 5,078                             | 10              | 25,163                            |
| 12   | Virginia                | 61              | 14,169                            | 45              | 8,217                             | 106             | 22,385                            |
| 13   | New Mexico              | 1               | 4,932                             | 3               | 16,059                            | 4               | 20,991                            |
| 14   | Alabama                 | 8               | 12,513                            | 42              | 7,402                             | 50              | 19,915                            |
| 15   | Utah                    | 8               | 19,406                            |                 |                                   | 8               | 19,406                            |
| 16   | Arizona                 |                 |                                   | 1               | 7,752                             | 1               | 7,752                             |
| 17   | Mississippi             |                 |                                   | 1               | 4,004                             | 1               | 4,004                             |
| 18   | Louisiana               |                 |                                   | 2               | 3,945                             | 2               | 3,945                             |
| 19   | Maryland                | 3               | 677                               | 19              | 1,908                             | 22              | 2,585                             |
| 20   | Alaska                  |                 |                                   | 1               | 2,151                             | 1               | 2,151                             |
| 21   | Tennessee               | 5               | 555                               | 14              | 1,225                             | 19              | 1,780                             |
| 22   | Oklahoma                | 2               | 394                               | 8               | 617                               | 10              | 1,010                             |
| 23   | Missouri                |                 |                                   | 2               | 458                               | 2               | 458                               |
| 24   | Kansas                  |                 |                                   | 1               | 133                               | 1               | 133                               |
| 25   | Arkansas                | 1               | 31                                | 1               | 1                                 | 2               | 32                                |
|      | Appalachian             | 442             | 211,976                           | 656             | 123,271                           | 1,098           | 335,248                           |
|      | Interior                | 37              | 72,603                            | 69              | 83,050                            | 106             | 155,653                           |
|      | Western                 | 18              | 52,631                            | 35              | 539,035                           | 53              | 591,666                           |
|      | East of Mississippi R.  | 476             | 284,154                           | 699             | 160,187                           | 1,175           | 444,340                           |
|      | West of Mississippi R.  | 21              | 53,056                            | 61              | 585,171                           | 82              | 638,226                           |
|      | U.S. Subtotal           | 497             | 337,210                           | 760             | 745,356                           | 1,257           | 1,082,567                         |
|      | Refuse Recovery         |                 |                                   |                 |                                   | 28              | 1,857                             |
|      | <b>U.S. Total</b>       | <b>497</b>      | <b>337,210</b>                    | <b>760</b>      | <b>745,356</b>                    | <b>1,285</b>    | <b>1,084,424</b>                  |

Source: [EIA, Annual Coal Report, 2010](#)  
 Utah data from UGS coal company questionnaires

Table 2.6 U.S. Coal Production and Number of Mines by State and Mine Type, 2009

| Rank | State                   | Underground     |                                   | Surface         |                                   | Total           |                                   |
|------|-------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|
|      |                         | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons |
|      |                         |                 |                                   |                 |                                   |                 |                                   |
| 1    | Wyoming                 | 1               | 3,472                             | 19              | 427,635                           | 20              | 431,107                           |
| 2    | West Virginia           | 170             | 80,887                            | 113             | 56,240                            | 283             | 137,127                           |
| 3    | Kentucky                | 198             | 63,152                            | 251             | 44,186                            | 449             | 107,338                           |
|      | <i>Eastern Kentucky</i> | <i>186</i>      | <i>37,170</i>                     | <i>239</i>      | <i>37,549</i>                     | <i>425</i>      | <i>74,719</i>                     |
|      | <i>Western Kentucky</i> | <i>12</i>       | <i>25,982</i>                     | <i>12</i>       | <i>6,637</i>                      | <i>24</i>       | <i>32,619</i>                     |
| 4    | Pennsylvania            | 48              | 48,679                            | 196             | 9,300                             | 244             | 57,979                            |
| 5    | Montana                 | 1               | 776                               | 5               | 38,710                            | 6               | 39,486                            |
| 6    | Indiana                 | 7               | 12,797                            | 26              | 22,858                            | 33              | 35,655                            |
| 7    | Texas                   |                 |                                   | 12              | 35,093                            | 12              | 35,093                            |
| 8    | Illinois                | 13              | 28,407                            | 9               | 5,342                             | 22              | 33,748                            |
| 9    | North Dakota            |                 |                                   | 4               | 29,945                            | 4               | 29,945                            |
| 10   | Colorado                | 8               | 22,199                            | 3               | 6,068                             | 11              | 28,267                            |
| 11   | Ohio                    | 11              | 17,307                            | 35              | 10,194                            | 46              | 27,501                            |
| 12   | New Mexico              | 1               | 6,499                             | 4               | 18,625                            | 5               | 25,124                            |
| 13   | Utah                    | 8               | 21,927                            |                 |                                   | 8               | 21,927                            |
| 14   | Virginia                | 55              | 12,938                            | 53              | 8,081                             | 108             | 21,019                            |
| 15   | Alabama                 | 7               | 11,505                            | 50              | 7,291                             | 57              | 18,796                            |
| 16   | Arizona                 |                 |                                   | 1               | 7,474                             | 1               | 7,474                             |
| 17   | Louisiana               |                 |                                   | 2               | 3,657                             | 2               | 3,657                             |
| 18   | Mississippi             |                 |                                   | 1               | 3,440                             | 1               | 3,440                             |
| 19   | Maryland                | 2               | 495                               | 20              | 1,811                             | 22              | 2,305                             |
| 20   | Tennessee               | 8               | 842                               | 17              | 1,154                             | 25              | 1,996                             |
| 21   | Alaska                  |                 |                                   | 1               | 1,860                             | 1               | 1,860                             |
| 22   | Oklahoma                | 1               | 384                               | 9               | 572                               | 10              | 956                               |
| 23   | Missouri                |                 |                                   | 2               | 452                               | 2               | 452                               |
| 24   | Kansas                  |                 |                                   | 1               | 185                               | 1               | 185                               |
| 25   | Arkansas                | 1               | 4                                 | 1               | 1                                 | 2               | 5                                 |
|      | Appalachian             | 487             | 209,824                           | 723             | 131,619                           | 1,210           | 341,443                           |
|      | Interior                | 34              | 67,574                            | 75              | 78,237                            | 109             | 145,811                           |
|      | Western                 | 19              | 54,873                            | 37              | 530,317                           | 56              | 585,190                           |
|      | East of Mississippi R.  | 519             | 277,009                           | 771             | 169,897                           | 1,290           | 446,906                           |
|      | West of Mississippi R.  | 21              | 55,261                            | 64              | 570,277                           | 85              | 625,539                           |
|      | U.S. Subtotal           | 540             | 332,271                           | 835             | 740,173                           | 1,375           | 1,072,444                         |
|      | Refuse Recovery         |                 |                                   |                 |                                   | 32              | 2,688                             |
|      | <b>U.S. Total</b>       | <b>540</b>      | <b>332,271</b>                    | <b>835</b>      | <b>740,173</b>                    | <b>1,407</b>    | <b>1,075,132</b>                  |

Source: [EIA, Annual Coal Report, 2009](#)  
Utah data from UGS coal company questionnaires

Table 2.6 U.S. Coal Production and Number of Mines by State and Mine Type, 2008

| Rank | State                   | Underground     |                                   | Surface         |                                   | Total           |                                   |
|------|-------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|
|      |                         | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons |
|      |                         |                 |                                   |                 |                                   |                 |                                   |
| 1    | Wyoming                 | 1               | 3,501                             | 19              | 464,143                           | 20              | 467,644                           |
| 2    | West Virginia           | 186             | 88,369                            | 115             | 69,409                            | 301             | 157,778                           |
| 3    | Kentucky                | 216             | 69,474                            | 253             | 50,849                            | 469             | 120,323                           |
|      | <i>Eastern Kentucky</i> | <i>205</i>      | <i>44,143</i>                     | <i>241</i>      | <i>46,116</i>                     | <i>446</i>      | <i>90,258</i>                     |
|      | <i>Western Kentucky</i> | <i>11</i>       | <i>25,331</i>                     | <i>12</i>       | <i>4,733</i>                      | <i>23</i>       | <i>30,064</i>                     |
| 4    | Pennsylvania            | 51              | 53,318                            | 215             | 12,095                            | 266             | 65,414                            |
| 5    | Montana                 | 1               | 168                               | 5               | 44,617                            | 6               | 44,786                            |
| 6    | Texas                   |                 |                                   | 11              | 39,017                            | 11              | 39,017                            |
| 7    | Indiana                 | 6               | 12,223                            | 24              | 23,670                            | 30              | 35,893                            |
| 8    | Illinois                | 11              | 27,055                            | 8               | 5,863                             | 19              | 32,918                            |
| 9    | Colorado                | 8               | 24,370                            | 4               | 7,659                             | 12              | 32,028                            |
| 10   | North Dakota            |                 |                                   | 4               | 29,627                            | 4               | 29,627                            |
| 11   | Ohio                    | 11              | 17,053                            | 37              | 9,198                             | 48              | 26,251                            |
| 12   | New Mexico              | 1               | 7,046                             | 4               | 18,599                            | 5               | 25,645                            |
| 13   | Virginia                | 65              | 15,806                            | 49              | 8,907                             | 114             | 24,712                            |
| 14   | Utah                    | 9               | 24,275                            |                 |                                   | 9               | 24,275                            |
| 15   | Alabama                 | 8               | 12,281                            | 51              | 8,330                             | 59              | 20,611                            |
| 16   | Arizona                 |                 |                                   | 1               | 8,025                             | 1               | 8,025                             |
| 17   | Louisiana               |                 |                                   | 2               | 3,843                             | 2               | 3,843                             |
| 18   | Maryland                | 2               | 753                               | 19              | 2,107                             | 21              | 2,860                             |
| 19   | Mississippi             |                 |                                   | 1               | 2,842                             | 1               | 2,842                             |
| 20   | Tennessee               | 5               | 789                               | 18              | 1,544                             | 23              | 2,333                             |
| 21   | Alaska                  |                 |                                   | 1               | 1,477                             | 1               | 1,477                             |
| 22   | Oklahoma                | 1               | 441                               | 6               | 1,023                             | 7               | 1,463                             |
| 23   | Missouri                |                 |                                   | 2               | 247                               | 2               | 247                               |
| 24   | Kansas                  |                 |                                   | 2               | 229                               | 2               | 229                               |
| 25   | Arkansas                | 1               | 67                                | 1               | 2                                 | 2               | 69                                |
|      | Appalachian             | 533             | 232,512                           | 745             | 157,705                           | 1,278           | 390,218                           |
|      | Interior                | 30              | 65,117                            | 69              | 81,469                            | 99              | 146,586                           |
|      | Western                 | 20              | 59,360                            | 38              | 574,147                           | 58              | 633,507                           |
|      | East of Mississippi R.  | 561             | 297,121                           | 790             | 194,814                           | 1,351           | 491,935                           |
|      | West of Mississippi R.  | 22              | 59,868                            | 62              | 618,508                           | 84              | 678,377                           |
|      | U.S. Subtotal           | 583             | 356,989                           | 852             | 813,321                           | 1,435           | 1,170,311                         |
|      | Refuse Recovery         |                 |                                   |                 |                                   | 23              | 1,408                             |
|      | <b>U.S. Total</b>       | <b>583</b>      | <b>356,989</b>                    | <b>852</b>      | <b>813,321</b>                    | <b>1,458</b>    | <b>1,171,719</b>                  |

Source: [EIA, Annual Coal Report, 2008](#)  
 Utah data from UGS coal company questionnaires

Table 2.6 U.S. Coal Production and Number of Mines by State and Mine Type, 2007

| Rank | State                   | Underground     |                                   | Surface         |                                   | Total           |                                   |
|------|-------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|
|      |                         | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons |
|      |                         |                 |                                   |                 |                                   |                 |                                   |
| 1    | Wyoming                 | 1               | 2,822                             | 19              | 450,746                           | 20              | 453,568                           |
| 2    | West Virginia           | 168             | 84,853                            | 114             | 68,627                            | 282             | 153,480                           |
| 3    | Kentucky                | 201             | 69,217                            | 216             | 46,064                            | 417             | 115,280                           |
|      | <i>Eastern Kentucky</i> | <i>191</i>      | <i>44,703</i>                     | <i>203</i>      | <i>42,365</i>                     | <i>394</i>      | <i>87,068</i>                     |
|      | <i>Western Kentucky</i> | <i>10</i>       | <i>24,513</i>                     | <i>13</i>       | <i>3,699</i>                      | <i>23</i>       | <i>28,212</i>                     |
| 4    | Pennsylvania            | 50              | 53,544                            | 214             | 11,504                            | 264             | 65,048                            |
| 5    | Montana                 | 1               | 47                                | 5               | 43,343                            | 6               | 43,390                            |
| 6    | Texas                   |                 |                                   | 11              | 41,948                            | 11              | 41,948                            |
| 7    | Colorado                | 8               | 27,610                            | 4               | 8,774                             | 12              | 36,384                            |
| 8    | Indiana                 | 7               | 10,604                            | 20              | 24,399                            | 27              | 35,003                            |
| 9    | Illinois                | 14              | 26,807                            | 7               | 5,638                             | 21              | 32,445                            |
| 10   | North Dakota            |                 |                                   | 4               | 29,606                            | 4               | 29,606                            |
| 11   | Virginia                | 71              | 15,731                            | 47              | 9,615                             | 118             | 25,346                            |
| 12   | New Mexico              | 1               | 6,898                             | 3               | 17,553                            | 4               | 24,451                            |
| 13   | Utah                    | 10              | 24,288                            |                 |                                   | 10              | 24,288                            |
| 14   | Ohio                    | 13              | 15,793                            | 44              | 6,783                             | 57              | 22,575                            |
| 15   | Alabama                 | 8               | 11,462                            | 41              | 7,865                             | 49              | 19,327                            |
| 16   | Arizona                 |                 |                                   | 1               | 7,983                             | 1               | 7,983                             |
| 17   | Mississippi             |                 |                                   | 1               | 3,545                             | 1               | 3,545                             |
| 18   | Louisiana               |                 |                                   | 2               | 3,127                             | 2               | 3,127                             |
| 19   | Tennessee               | 5               | 892                               | 12              | 1,763                             | 17              | 2,654                             |
| 20   | Maryland                | 2               | 611                               | 17              | 1,690                             | 19              | 2,301                             |
| 21   | Oklahoma                | 2               | 514                               | 7               | 1,134                             | 9               | 1,648                             |
| 22   | Alaska                  |                 |                                   | 1               | 1,324                             | 1               | 1,324                             |
| 23   | Kansas                  |                 |                                   | 2               | 420                               | 2               | 420                               |
| 24   | Missouri                |                 |                                   | 2               | 236                               | 2               | 236                               |
| 25   | Arkansas                | 1               | 80                                | 1               | 2                                 | 2               | 83                                |
|      | Appalachian             | 508             | 227,588                           | 692             | 150,213                           | 1,200           | 377,800                           |
|      | Interior                | 34              | 62,519                            | 66              | 84,149                            | 100             | 146,668                           |
|      | Western                 | 21              | 61,664                            | 37              | 559,329                           | 58              | 620,993                           |
|      | East of Mississippi R.  | 539             | 289,514                           | 733             | 187,493                           | 1,272           | 477,006                           |
|      | West of Mississippi R.  | 24              | 62,259                            | 62              | 606,196                           | 86              | 668,455                           |
|      | U.S. Subtotal           | 563             | 351,771                           | 795             | 793,691                           | 1,358           | 1,145,461                         |
|      | Refuse Recovery         |                 |                                   |                 |                                   | 16              | 1,156                             |
|      | <b>U.S. Total</b>       | <b>563</b>      | <b>351,771</b>                    | <b>795</b>      | <b>793,691</b>                    | <b>1,374</b>    | <b>1,146,617</b>                  |

Source: [EIA, Annual Coal Report, 2007](#)  
 Utah data from UGS coal company questionnaires

Table 2.6 U.S. Coal Production and Number of Mines by State and Mine Type, 2006

| Rank | State                   | Underground     |                                   | Surface         |                                   | Total           |                                   |
|------|-------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|
|      |                         | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons |
|      |                         |                 |                                   |                 |                                   |                 |                                   |
| 1    | Wyoming                 | 1               | 519                               | 20              | 446,223                           | 21              | 446,742                           |
| 2    | West Virginia           | 174             | 84,628                            | 116             | 67,746                            | 290             | 152,374                           |
| 3    | Kentucky                | 227             | 73,182                            | 215             | 47,666                            | 442             | 120,848                           |
|      | <i>Eastern Kentucky</i> | <i>214</i>      | <i>49,312</i>                     | <i>202</i>      | <i>44,295</i>                     | <i>416</i>      | <i>93,607</i>                     |
|      | <i>Western Kentucky</i> | <i>13</i>       | <i>23,870</i>                     | <i>13</i>       | <i>3,370</i>                      | <i>26</i>       | <i>27,241</i>                     |
| 4    | Pennsylvania            | 54              | 53,801                            | 216             | 12,228                            | 270             | 66,029                            |
| 5    | Texas                   |                 |                                   | 12              | 45,548                            | 12              | 45,548                            |
| 6    | Montana                 | 1               | 321                               | 5               | 41,502                            | 6               | 41,823                            |
| 7    | Colorado                | 7               | 26,659                            | 5               | 9,663                             | 12              | 36,322                            |
| 8    | Indiana                 | 7               | 10,736                            | 21              | 24,383                            | 28              | 35,119                            |
| 9    | Illinois                | 15              | 27,210                            | 7               | 5,609                             | 22              | 32,729                            |
| 10   | North Dakota            |                 |                                   | 4               | 30,411                            | 4               | 30,411                            |
| 11   | Virginia                | 76              | 18,681                            | 51              | 11,059                            | 127             | 29,740                            |
| 12   | Utah                    | 13              | 26,131                            |                 |                                   | 13              | 26,131                            |
| 13   | New Mexico              | 1               | 6,993                             | 3               | 18,919                            | 4               | 25,913                            |
| 14   | Ohio                    | 11              | 15,126                            | 41              | 7,596                             | 52              | 22,722                            |
| 15   | Alabama                 | 9               | 10,737                            | 48              | 8,092                             | 57              | 18,830                            |
| 16   | Arizona                 |                 |                                   | 1               | 8,216                             | 1               | 8,216                             |
| 17   | Maryland                | 3               | 2,826                             | 16              | 2,228                             | 19              | 5,054                             |
| 18   | Louisiana               |                 |                                   | 2               | 4,114                             | 2               | 4,114                             |
| 19   | Mississippi             |                 |                                   | 1               | 3,797                             | 1               | 3,797                             |
| 20   | Tennessee               | 10              | 1,191                             | 13              | 1,613                             | 23              | 2,804                             |
| 21   | Washington              |                 |                                   | 1               | 2,580                             | 1               | 2,580                             |
| 22   | Oklahoma                | 2               | 464                               | 8               | 1,534                             | 10              | 1,998                             |
| 23   | Alaska                  |                 |                                   | 1               | 1,425                             | 1               | 1,425                             |
| 24   | Kansas                  |                 |                                   | 2               | 426                               | 2               | 426                               |
| 25   | Missouri                |                 |                                   | 2               | 394                               | 2               | 394                               |
| 26   | Arkansas                | 1               | 18                                | 1               | 5                                 | 2               | 23                                |
|      | Appalachian             | 551             | 236,303                           | 703             | 154,856                           | 1,254           | 391,159                           |
|      | Interior                | 38              | 62,209                            | 69              | 89,180                            | 107             | 151,389                           |
|      | Western                 | 23              | 60,623                            | 40              | 558,939                           | 63              | 619,562                           |
|      | East of Mississippi R.  | 586             | 298,118                           | 745             | 192,017                           | 1,331           | 490,046                           |
|      | West of Mississippi R.  | 26              | 61,105                            | 67              | 610,960                           | 93              | 672,065                           |
|      | U.S. Subtotal           | 612             | 359,135                           | 812             | 802,975                           | 1,424           | 1,162,110                         |
|      | Refuse Recovery         |                 |                                   |                 |                                   | 14              | 752                               |
|      | <b>U.S. Total</b>       | <b>612</b>      | <b>359,135</b>                    | <b>812</b>      | <b>802,975</b>                    | <b>1,438</b>    | <b>1,162,862</b>                  |

Source: [EIA, Annual Coal Report, 2006](#)

Utah data from UGS coal company questionnaires

Table 2.6 U.S. Coal Production and Number of Mines by State and Mine Type, 2005

| Rank | State                   | Underground     |                                   | Surface         |                                   | Total           |                                   |
|------|-------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|
|      |                         | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons |
|      |                         |                 |                                   |                 |                                   |                 |                                   |
| 1    | Wyoming                 | 1               | 410                               | 17              | 403,908                           | 18              | 404,319                           |
| 2    | West Virginia           | 166             | 91,009                            | 111             | 62,641                            | 277             | 153,650                           |
| 3    | Kentucky                | 224             | 73,702                            | 208             | 46,032                            | 432             | 119,734                           |
|      | <i>Eastern Kentucky</i> | <i>211</i>      | <i>52,054</i>                     | <i>193</i>      | <i>41,269</i>                     | <i>404</i>      | <i>93,322</i>                     |
|      | <i>Western Kentucky</i> | <i>13</i>       | <i>21,648</i>                     | <i>15</i>       | <i>4,763</i>                      | <i>28</i>       | <i>26,412</i>                     |
| 4    | Pennsylvania            | 53              | 54,563                            | 213             | 12,931                            | 266             | 67,494                            |
| 5    | Texas                   |                 |                                   | 13              | 45,939                            | 13              | 45,939                            |
| 6    | Montana                 | 1               | 162                               | 5               | 40,192                            | 6               | 40,354                            |
| 7    | Colorado                | 8               | 28,439                            | 5               | 10,071                            | 13              | 38,510                            |
| 8    | Indiana                 | 8               | 11,189                            | 21              | 23,268                            | 29              | 34,457                            |
| 9    | Illinois                | 12              | 26,343                            | 8               | 5,671                             | 20              | 32,014                            |
| 10   | North Dakota            |                 |                                   | 4               | 29,956                            | 4               | 29,956                            |
| 11   | New Mexico              | 1               | 7,905                             | 3               | 20,613                            | 4               | 28,519                            |
| 12   | Virginia                | 83              | 16,386                            | 49              | 11,357                            | 132             | 27,743                            |
| 13   | Ohio                    | 10              | 15,823                            | 44              | 8,896                             | 54              | 24,718                            |
| 14   | Utah                    | 13              | 24,556                            |                 |                                   | 13              | 24,556                            |
| 15   | Alabama                 | 9               | 13,295                            | 44              | 8,044                             | 53              | 21,339                            |
| 16   | Arizona                 |                 |                                   | 2               | 12,072                            | 2               | 12,072                            |
| 17   | Washington              |                 |                                   | 1               | 5,266                             | 1               | 5,266                             |
| 18   | Maryland                | 3               | 3,175                             | 13              | 2,009                             | 16              | 5,183                             |
| 19   | Louisiana               |                 |                                   | 2               | 4,161                             | 2               | 4,161                             |
| 20   | Mississippi             |                 |                                   | 1               | 3,555                             | 1               | 3,555                             |
| 21   | Tennessee               | 13              | 1,224                             | 15              | 1,993                             | 28              | 3,217                             |
| 22   | Oklahoma                | 1               | 465                               | 8               | 1,391                             | 9               | 1,856                             |
| 23   | Alaska                  |                 |                                   | 1               | 1,454                             | 1               | 1,454                             |
| 24   | Missouri                |                 |                                   | 2               | 598                               | 2               | 598                               |
| 25   | Kansas                  |                 |                                   | 1               | 171                               | 1               | 171                               |
| 26   | Arkansas                |                 |                                   | 1               | 3                                 | 1               | 3                                 |
|      | Appalachian             | 548             | 247,528                           | 682             | 149,139                           | 1,230           | 396,666                           |
|      | Interior                | 34              | 59,645                            | 72              | 89,520                            | 106             | 149,165                           |
|      | Western                 | 24              | 61,472                            | 38              | 523,532                           | 62              | 585,006                           |
|      | East of Mississippi R.  | 581             | 306,709                           | 727             | 186,397                           | 1,308           | 493,105                           |
|      | West of Mississippi R.  | 25              | 61,937                            | 65              | 575,795                           | 90              | 637,734                           |
|      | U.S. Subtotal           | 606             | 368,645                           | 792             | 762,191                           | 1,398           | 1,130,837                         |
|      | Refuse Recovery         |                 |                                   |                 |                                   | 17              | 696                               |
|      | <b>U.S. Total</b>       | <b>606</b>      | <b>368,645</b>                    | <b>792</b>      | <b>762,191</b>                    | <b>1,415</b>    | <b>1,131,533</b>                  |

Source: [EIA, Annual Coal Report, 2005](#)

Utah data from UGS coal company questionnaires

Table 2.6 U.S. Coal Production and Number of Mines by State and Mine Type, 2004

| Rank | State                   | Underground     |                                   | Surface         |                                   | Total           |                                   |
|------|-------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|
|      |                         | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons |
|      |                         |                 |                                   |                 |                                   |                 |                                   |
| 1    | Wyoming                 | 1               | 43                                | 19              | 396,450                           | 20              | 396,493                           |
| 2    | West Virginia           | 152             | 90,932                            | 109             | 57,061                            | 261             | 147,993                           |
| 3    | Kentucky                | 223             | 71,765                            | 196             | 42,478                            | 419             | 114,244                           |
|      | <i>Eastern Kentucky</i> | <i>212</i>      | <i>52,445</i>                     | <i>185</i>      | <i>38,426</i>                     | <i>397</i>      | <i>90,871</i>                     |
|      | <i>Western Kentucky</i> | <i>11</i>       | <i>19,321</i>                     | <i>11</i>       | <i>4,052</i>                      | <i>22</i>       | <i>23,373</i>                     |
| 4    | Pennsylvania            | 58              | 53,224                            | 202             | 12,772                            | 260             | 65,996                            |
| 5    | Texas                   |                 |                                   | 13              | 45,863                            | 13              | 45,863                            |
| 6    | Montana                 | 1               | 158                               | 5               | 39,831                            | 6               | 39,989                            |
| 7    | Colorado                | 8               | 29,608                            | 5               | 10,262                            | 13              | 39,870                            |
| 8    | Indiana                 | 7               | 10,092                            | 22              | 25,018                            | 29              | 35,110                            |
| 9    | Illinois                | 12              | 26,907                            | 7               | 4,946                             | 19              | 31,853                            |
| 10   | Virginia                | 77              | 20,437                            | 46              | 10,983                            | 123             | 31,420                            |
| 11   | North Dakota            |                 |                                   | 4               | 29,943                            | 4               | 29,943                            |
| 12   | New Mexico              | 1               | 7,685                             | 3               | 19,565                            | 4               | 27,250                            |
| 13   | Ohio                    | 8               | 14,270                            | 44              | 8,952                             | 52              | 23,222                            |
| 14   | Alabama                 | 8               | 16,114                            | 41              | 6,156                             | 49              | 22,271                            |
| 15   | Utah                    | 13              | 21,818                            |                 |                                   | 13              | 21,818                            |
| 16   | Arizona                 |                 |                                   | 2               | 12,731                            | 2               | 12,731                            |
| 17   | Washington              |                 |                                   | 1               | 5,653                             | 1               | 5,653                             |
| 18   | Maryland                | 3               | 3,339                             | 16              | 1,886                             | 19              | 5,225                             |
| 19   | Louisiana               |                 |                                   | 2               | 3,805                             | 2               | 3,805                             |
| 20   | Mississippi             |                 |                                   | 1               | 3,586                             | 1               | 3,586                             |
| 21   | Tennessee               | 12              | 826                               | 20              | 2,061                             | 32              | 2,887                             |
| 22   | Oklahoma                | 1               | 409                               | 7               | 1,383                             | 8               | 1,792                             |
| 23   | Alaska                  |                 |                                   | 1               | 1,512                             | 1               | 1,512                             |
| 24   | Missouri                |                 |                                   | 3               | 578                               | 3               | 578                               |
| 25   | Kansas                  |                 |                                   | 1               | 71                                | 1               | 71                                |
| 26   | Arkansas                | 1               | 1                                 | 1               | 6                                 | 2               | 7                                 |
|      | Appalachian             | 530             | 251,588                           | 663             | 138,297                           | 1,193           | 389,884                           |
|      | Interior                | 32              | 56,729                            | 68              | 89,309                            | 100             | 146,038                           |
|      | Western                 | 24              | 59,312                            | 40              | 515,946                           | 64              | 575,259                           |
|      | East of Mississippi R.  | 560             | 307,906                           | 704             | 175,899                           | 1,264           | 483,806                           |
|      | West of Mississippi R.  | 26              | 59,722                            | 67              | 567,653                           | 93              | 627,375                           |
|      | U.S. Subtotal           | 586             | 367,629                           | 771             | 743,552                           | 1,357           | 1,111,181                         |
|      | Refuse Recovery         |                 |                                   |                 |                                   | 22              | 990                               |
|      | <b>U.S. Total</b>       | <b>586</b>      | <b>367,629</b>                    | <b>771</b>      | <b>743,552</b>                    | <b>1,379</b>    | <b>1,112,171</b>                  |

Source: [EIA, Annual Coal Report, 2004](#)

Utah data from UGS coal company questionnaires

Table 2.6 U.S. Coal Production and Number of Mines by State and Mine Type, 2003

| Rank | State                   | Underground     |                                   | Surface         |                                   | Total           |                                   |
|------|-------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|
|      |                         | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons |
|      |                         |                 |                                   |                 |                                   |                 |                                   |
| 1    | Wyoming                 |                 |                                   | 18              | 376,270                           | 18              | 376,270                           |
| 2    | West Virginia           | 155             | 86,793                            | 94              | 52,919                            | 249             | 139,711                           |
| 3    | Kentucky                | 213             | 69,238                            | 187             | 43,568                            | 400             | 112,806                           |
|      | <i>Eastern Kentucky</i> | 201             | 52,078                            | 174             | 39,231                            | 375             | 91,309                            |
|      | <i>Western Kentucky</i> | 12              | 17,160                            | 13              | 4,337                             | 25              | 21,496                            |
| 4    | Pennsylvania            | 58              | 52,212                            | 183             | 11,495                            | 241             | 63,708                            |
| 5    | Texas                   |                 |                                   | 13              | 47,517                            | 13              | 47,517                            |
| 6    | Montana                 | 1               | 32                                | 6               | 36,962                            | 7               | 36,994                            |
| 7    | Colorado                | 8               | 27,177                            | 4               | 8,654                             | 12              | 35,831                            |
| 8    | Indiana                 | 8               | 8,635                             | 23              | 26,720                            | 31              | 35,355                            |
| 9    | Illinois                | 14              | 25,985                            | 8               | 5,655                             | 22              | 31,640                            |
| 10   | Virginia                | 79              | 21,225                            | 44              | 10,371                            | 123             | 31,596                            |
| 11   | North Dakota            |                 |                                   | 4               | 30,775                            | 4               | 30,775                            |
| 12   | New Mexico              | 1               | 5,890                             | 4               | 20,499                            | 5               | 26,389                            |
| 13   | Utah                    | 13              | 23,044                            | 1               | 25                                | 14              | 23,069                            |
| 14   | Ohio                    | 7               | 12,828                            | 47              | 9,182                             | 54              | 22,009                            |
| 15   | Alabama                 | 9               | 15,375                            | 34              | 4,742                             | 43              | 20,118                            |
| 16   | Arizona                 |                 |                                   | 2               | 12,059                            | 2               | 12,059                            |
| 17   | Washington              |                 |                                   | 1               | 6,232                             | 1               | 6,232                             |
| 18   | Maryland                | 2               | 3,300                             | 14              | 1,756                             | 16              | 5,056                             |
| 19   | Louisiana               |                 |                                   | 2               | 4,028                             | 2               | 4,028                             |
| 20   | Mississippi             |                 |                                   | 1               | 3,695                             | 1               | 3,695                             |
| 21   | Tennessee               | 10              | 657                               | 13              | 1,907                             | 23              | 2,564                             |
| 22   | Oklahoma                | 1               | 393                               | 6               | 1,172                             | 7               | 1,565                             |
| 23   | Alaska                  |                 |                                   | 1               | 1,081                             | 1               | 1,081                             |
| 24   | Missouri                |                 |                                   | 2               | 533                               | 2               | 533                               |
| 25   | Kansas                  |                 |                                   | 1               | 154                               | 1               | 154                               |
| 26   | Arkansas                | 1               | 1                                 | 1               | 7                                 | 2               | 8                                 |
|      | Appalachian             | 521             | 244,468                           | 603             | 131,603                           | 1,124           | 376,071                           |
|      | Interior                | 36              | 52,173                            | 70              | 93,819                            | 106             | 145,992                           |
|      | Western                 | 23              | 56,144                            | 41              | 492,557                           | 64              | 548,701                           |
|      | East of Mississippi R.  | 555             | 296,248                           | 648             | 172,010                           | 1,203           | 468,258                           |
|      | West of Mississippi R.  | 25              | 56,537                            | 66              | 545,968                           | 91              | 602,506                           |
|      | U.S. Subtotal           | 580             | 352,785                           | 714             | 717,869                           | 1,294           | 1,070,764                         |
|      | Refuse Recovery         |                 |                                   |                 |                                   | 22              | 989                               |
|      | <b>U.S. Total</b>       | <b>580</b>      | <b>352,785</b>                    | <b>714</b>      | <b>717,869</b>                    | <b>1,316</b>    | <b>1,071,753</b>                  |

Source: [EIA, Annual Coal Report, 2003](#)

Utah data from UGS coal company questionnaires

Table 2.6 U.S. Coal Production and Number of Mines by State and Mine Type, 2002

| Rank | State                   | Underground     |                                   | Surface         |                                   | Total           |                                   |
|------|-------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|
|      |                         | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons |
|      |                         |                 |                                   |                 |                                   |                 |                                   |
| 1    | Wyoming                 |                 |                                   | 18              | 373,161                           | 18              | 373,161                           |
| 2    | West Virginia           | 180             | 87,918                            | 111             | 62,160                            | 291             | 150,078                           |
| 3    | Kentucky                | 233             | 75,589                            | 194             | 48,553                            | 427             | 124,142                           |
|      | <i>Eastern Kentucky</i> | <i>219</i>      | <i>56,413</i>                     | <i>180</i>      | <i>42,984</i>                     | <i>399</i>      | <i>99,398</i>                     |
|      | <i>Western Kentucky</i> | <i>14</i>       | <i>19,176</i>                     | <i>14</i>       | <i>5,569</i>                      | <i>28</i>       | <i>24,744</i>                     |
| 4    | Pennsylvania            | 69              | 55,781                            | 185             | 12,612                            | 254             | 68,393                            |
| 5    | Texas                   |                 |                                   | 12              | 45,247                            | 12              | 45,247                            |
| 6    | Montana                 |                 |                                   | 6               | 37,386                            | 6               | 37,386                            |
| 7    | Indiana                 | 6               | 7,909                             | 28              | 27,428                            | 34              | 35,337                            |
| 8    | Colorado                | 8               | 25,332                            | 5               | 9,771                             | 13              | 35,103                            |
| 9    | Illinois                | 15              | 26,931                            | 7               | 6,383                             | 22              | 33,314                            |
| 10   | North Dakota            |                 |                                   | 4               | 30,799                            | 4               | 30,799                            |
| 11   | Virginia                | 95              | 20,491                            | 42              | 9,465                             | 137             | 29,956                            |
| 12   | New Mexico              | 1               | 1,753                             | 6               | 27,163                            | 7               | 28,916                            |
| 13   | Utah                    | 12              | 25,021                            | 1               | 278                               | 13              | 25,299                            |
| 14   | Ohio                    | 9               | 10,851                            | 51              | 10,306                            | 60              | 21,157                            |
| 15   | Alabama                 | 9               | 14,916                            | 32              | 4,015                             | 41              | 18,931                            |
| 16   | Arizona                 |                 |                                   | 2               | 12,804                            | 2               | 12,804                            |
| 17   | Washington              |                 |                                   | 1               | 5,827                             | 1               | 5,827                             |
| 18   | Maryland                | 3               | 3,328                             | 14              | 1,820                             | 17              | 5,147                             |
| 19   | Louisiana               |                 |                                   | 2               | 3,803                             | 2               | 3,803                             |
| 20   | Tennessee               | 12              | 1,085                             | 11              | 2,081                             | 23              | 3,166                             |
| 21   | Mississippi             |                 |                                   | 1               | 2,305                             | 1               | 2,305                             |
| 22   | Oklahoma                | 1               | 463                               | 5               | 943                               | 6               | 1,406                             |
| 23   | Alaska                  |                 |                                   | 1               | 1,146                             | 1               | 1,146                             |
| 24   | Missouri                |                 |                                   | 2               | 248                               | 2               | 248                               |
| 25   | Kansas                  |                 |                                   | 1               | 205                               | 1               | 205                               |
| 26   | Arkansas                | 1               | 1                                 | 3               | 13                                | 4               | 14                                |
|      | Appalachian             | 596             | 250,783                           | 626             | 145,443                           | 1,222           | 396,226                           |
|      | Interior                | 37              | 54,480                            | 75              | 92,144                            | 112             | 146,623                           |
|      | Western                 | 21              | 52,106                            | 44              | 498,335                           | 65              | 550,441                           |
|      | East of Mississippi R.  | 631             | 304,799                           | 676             | 187,128                           | 1,307           | 491,926                           |
|      | West of Mississippi R.  | 23              | 52,570                            | 69              | 548,794                           | 92              | 601,364                           |
|      | U.S. Subtotal           | 654             | 357,369                           | 745             | 735,922                           | 1,399           | 1,093,290                         |
|      | Refuse Recovery         |                 |                                   |                 |                                   | 27              | 988                               |
|      | <b>U.S. Total</b>       | <b>654</b>      | <b>357,369</b>                    | <b>745</b>      | <b>735,922</b>                    | <b>1,426</b>    | <b>1,094,278</b>                  |

Source: [EIA, Annual Coal Report, 2002](#)  
 Utah data from UGS coal company questionnaires

Table 2.6 U.S. Coal Production and Number of Mines by State and Mine Type, 2001

| Rank | State                   | Underground     |                                   | Surface         |                                   | Total           |                                   |
|------|-------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|-----------------|-----------------------------------|
|      |                         | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons | Number of Mines | Production<br>Thousand Short Tons |
| 1    | Wyoming                 |                 |                                   | 17              | 368,749                           | 17              | 368,749                           |
| 2    | West Virginia           | 196             | 99,550                            | 108             | 62,865                            | 304             | 162,416                           |
| 3    | Kentucky                | 264             | 80,896                            | 203             | 52,938                            | 467             | 133,834                           |
|      | <i>Eastern Kentucky</i> | 253             | 61,836                            | 187             | 47,262                            | 440             | 109,098                           |
|      | <i>Western Kentucky</i> | 11              | 19,061                            | 16              | 5,676                             | 27              | 24,736                            |
| 4    | Pennsylvania            | 73              | 58,135                            | 193             | 16,011                            | 266             | 74,146                            |
| 5    | Texas                   |                 |                                   | 14              | 45,042                            | 14              | 45,042                            |
| 6    | Montana                 |                 |                                   | 6               | 39,143                            | 6               | 39,143                            |
| 7    | Indiana                 | 6               | 7,191                             | 27              | 29,546                            | 33              | 36,738                            |
| 8    | Illinois                | 13              | 28,112                            | 7               | 5,671                             | 20              | 33,783                            |
| 9    | Colorado                | 8               | 23,547                            | 5               | 9,825                             | 13              | 33,372                            |
| 10   | Virginia                | 109             | 22,503                            | 48              | 10,271                            | 157             | 32,774                            |
| 11   | North Dakota            |                 |                                   | 4               | 30,475                            | 4               | 30,475                            |
| 12   | New Mexico              | 1               | 680                               | 6               | 28,937                            | 7               | 29,618                            |
| 13   | Utah                    | 13              | 27,024                            |                 |                                   | 13              | 27,024                            |
| 14   | Ohio                    | 10              | 12,894                            | 50              | 12,506                            | 60              | 25,400                            |
| 15   | Alabama                 | 10              | 15,172                            | 30              | 4,192                             | 40              | 19,364                            |
| 16   | Arizona                 |                 |                                   | 2               | 13,418                            | 2               | 13,418                            |
| 17   | Maryland                | 3               | 3,245                             | 12              | 1,399                             | 15              | 4,644                             |
| 18   | Washington              |                 |                                   | 1               | 4,624                             | 1               | 4,624                             |
| 19   | Louisiana               |                 |                                   | 2               | 3,715                             | 2               | 3,715                             |
| 20   | Tennessee               | 11              | 1,321                             | 12              | 2,003                             | 23              | 3,324                             |
| 21   | Oklahoma                | 1               | 415                               | 5               | 1,300                             | 6               | 1,714                             |
| 22   | Alaska                  |                 |                                   | 1               | 1,514                             | 1               | 1,514                             |
| 23   | Mississippi             |                 |                                   | 1               | 604                               | 1               | 604                               |
| 24   | Missouri                |                 |                                   | 2               | 366                               | 2               | 366                               |
| 25   | Kansas                  |                 |                                   | 1               | 176                               | 1               | 176                               |
| 26   | Arkansas                | 1               | 1                                 | 2               | 13                                | 3               | 14                                |
|      | Appalachian             | 665             | 274,656                           | 640             | 156,509                           | 1,305           | 431,166                           |
|      | Interior                | 32              | 54,780                            | 77              | 92,109                            | 109             | 146,888                           |
|      | Western                 | 22              | 51,251                            | 42              | 496,685                           | 64              | 547,937                           |
|      | East of Mississippi R.  | 695             | 329,019                           | 691             | 198,006                           | 1,386           | 527,027                           |
|      | West of Mississippi R.  | 24              | 51,667                            | 68              | 547,297                           | 92              | 598,964                           |
|      | <b>U.S. Total</b>       | <b>719</b>      | <b>380,686</b>                    | <b>759</b>      | <b>745,303</b>                    | <b>1,478</b>    | <b>1,125,991</b>                  |

Source: [EIA, Annual Coal Report, 2001](#)

Utah data from UGS coal company questionnaires