

# Most Requested Statistics - U.S. Coal Industry



|  | 2016         | 2017         | 2018         | 2019         | 2020         | 2021r/       | 2022r/       | 2023p/       |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Production (1,000 Short Tons) *</b>   | 728,364      | 774,609      | 756,167      | 706,309      | 535,434      | 577,431      | 594,155      | 577,485      |
| East of Mississippi River <sup>5/</sup>  | 281,631      | 304,430      | 310,663      | 296,046      | 209,011      | 231,355      | 241,914      | 244,501      |
| West of Mississippi River  | 446,734      | 470,179      | 445,610      | 410,264      | 326,423      | 346,076      | 352,241      | 332,984      |
| Appalachian <sup>5/</sup>  | 180,477      | 198,545      | 200,903      | 193,697      | 138,991      | 155,774      | 161,055      | 156,536      |
| Interior   | 143,917      | 145,194      | 136,935      | 127,610      | 90,538       | 93,176       | 98,325       | 95,566       |
| Western  | 403,971      | 430,870      | 418,329      | 385,003      | 305,905      | 328,481      | 334,775      | 325,383      |
| Refuse Recovery  | 851          | 699          | 726          | 492          | 456          | 633          | 545          | 319          |
| <b>U.S. Recoverable Reserves (Mil. Sht. Tons)</b>                                    | 254,197      | 253,453      | 252,733      | 252,057      | 251,539      | 250,978      | 250,404      | 250,000      |
| <b>Recoverable Reserves at Producing Mines</b><br>(Million Short Tons) <sup>1/</sup> | 16,956       | 16,101       | 15,216       | 14,151       | 13,201       | 12,282       | 11,737       | n/a          |
| <b>Total Value of Production (\$1,000)</b>   | \$22,266,087 | \$26,119,815 | \$27,214,450 | \$25,476,566 | \$16,817,982 | \$22,398,548 | \$32,357,681 | \$32,339,160 |
| <b>Domestic Consumption (1,000 Short Tons)</b>                                       | 731,071      | 716,856      | 688,105      | 586,543      | 476,693      | 545,679      | 515,534      | 426,509      |
| Electric Utilities/power   | 678,554      | 664,993      | 637,217      | 538,606      | 435,827      | 501,435      | 472,834      | 387,170      |
| Coking   | 16,485       | 17,538       | 18,337       | 17,967       | 14,414       | 17,589       | 16,009       | 15,787       |
| Other Industrial   | 34,849       | 33,264       | 31,580       | 29,095       | 25,660       | 25,845       | 25,891       | 22,858       |
| Residential/Commercial   | 1,183        | 1,061        | 972          | 876          | 793          | 811          | 800          | 694          |
| <b>Stocks at End of Year (1,000 Short Tons)</b>                                      |              |              |              |              |              |              |              |              |
| Consumers <sup>2/</sup>  | 167,681      | 142,957      | 108,105      | 134,014      | 136,182      | 96,343       | 93,153       | 136,281      |
| Producer/Distributor   | 25,309       | 23,999       | 21,692       | 31,320       | 23,640       | 19,013       | 20,820       | 18,427       |
| <b>Exports (1,000 Short Tons)</b>  | 60,271       | 96,953       | 115,632      | 93,765       | 69,067       | 85,115       | 85,956       | 99,791       |
| <b>Imports (1,000 Short Tons)</b>  | 9,850        | 7,777        | 5,954        | 6,697        | 5,137        | 5,388        | 6,313        | 4,010        |
| <b>Price Indicators (Avg. \$/Short Ton or \$/mmBtu)</b>                              |              |              |              |              |              |              |              |              |
| Mine Sales Price Average (\$/short ton) <sup>3/</sup>                                | \$30.57      | \$33.72      | \$35.99      | \$36.07      | \$31.41      | \$36.45      | \$54.46      | \$56.00      |
| Cost of Coal Receipts at Elec.Power. Plants (\$/mmBtu)                               | \$2.11       | \$2.06       | \$2.06       | \$2.02       | \$1.92       | \$2.03       | \$2.41       | \$2.57       |
| Cost of Coal at Electric Utility Plants (receipts)                                   | \$42.01      | \$40.81      | \$40.35      | \$39.99      | \$37.49      | \$38.68      | \$45.96      | \$49.06      |
| Cost of Coking Coal at Coke Plants (receipts)  | \$102.00     | \$122.14     | \$128.75     | \$145.85     | \$127.16     | \$122.37     | \$195.61     | \$211.60     |
| Cost of Coal for Industrial Plant Uses (receipts)                                    | \$60.34      | \$58.67      | \$59.01      | \$61.37      | \$57.18      | \$57.89      | \$69.77      | \$83.19      |
| Fuel Production Price (value \$/mmBtu)   | \$1.62       | \$1.67       | \$1.77       | \$1.71       | \$1.66       | \$1.74       | \$2.69       | n/a          |
| Railroad Freight Charge, avg. (Frt. Rev./Tons Orig.)                                 | 18.49        | 19.67        | 20.65        | 19.81        | 17.84        | 20.12        | 25.02        | n/a          |
| <b>Methods of Mining</b>   |              |              |              |              |              |              |              |              |
| Underground (1,000 Short Tons)   |              |              |              |              |              |              |              |              |
| Continuous   | 96,327       | 100,224      | 122,362      | 117,467      | 86,052       | 92,916       | 99,027       | 96,249       |
| Conventional & Other   | 11,947       | 2,887        | 1,558        | 2,277        | 329          | 429          | 579          | 562          |
| Longwall   | 143,832      | 170,018      | 151,441      | 147,628      | 109,149      | 127,252      | 122,537      | 119,099      |
| Total Underground Production   | 252,106      | 273,129      | 275,361      | 267,373      | 195,530      | 220,597      | 222,143      | 215,910      |
| % of Total Production  | 34.6%        | 35.3%        | 36.4%        | 37.9%        | 37.0%        | 38.0%        | 37.0%        | 37.0%        |
| Total Surface (1,000 Short Tons) <sup>5/</sup>                                       | 476,258      | 501,481      | 480,080      | 438,937      | 339,905      | 356,202      | 371,467      | 361,575      |
| % of Total Production  | 65.4%        | 64.7%        | 63.6%        | 62.1%        | 63.0%        | 62.0%        | 63.0%        | 63.0%        |
| <b>Number of Mines (EIA)</b>   | 710          | 680          | 679          | 669          | 552          | 512          | 548          | n/a          |
| Underground Mines (includes refuse)  | 268          | 246          | 249          | 237          | 196          | 174          | 194          | n/a          |
| Surface Mines  | 442          | 434          | 430          | 432          | 350          | 332          | 354          | n/a          |
| <b>Number of Mine Operations (MSHA)</b>  | 1,286        | 1,214        | 1,189        | 1,136        | 1,015        | 971          | 991          | 992          |
| <b>Average Number of Miners - Operators (EIA) <sup>3/</sup></b>                      | 51,795       | 53,051       | 53,583       | 52,804       | 42,159       | 39,518       | 43,582       | n/a          |
| Underground Mines (includes refuse)  | 30,105       | 31,542       | 32,012       | 31,971       | 25,356       | 23,981       | 26,616       | n/a          |
| Surface Mines  | 21,690       | 21,509       | 21,477       | 20,833       | 16,761       | 15,448       | 16,908       | n/a          |
| <b>Average Coal Mining Employment (MSHA) <sup>6/</sup></b>                           | 81,880       | 82,932       | 82,857       | 81,415       | 63,764       | 61,429       | 66,423       | 68,592       |
| <b>Number of Mine Injuries <sup>4/</sup></b>   |              |              |              |              |              |              |              |              |
| Fatal  | 8            | 15           | 12           | 12           | 5            | 11           | 11           | 9            |
| All Injuries   | 2,019        | 2,390        | 2,205        | 2,199        | 1,478        | 1,513        | 1,723        | 1,733        |
| <b>Production Per Miner Per Hour <sup>3/</sup></b>                                   | 6.61         | 6.55         | 6.23         | 5.94         | 6.12         | 6.71         | 6.11         | n/a          |
| Underground Mines  | 3.83         | 3.77         | 3.68         | 3.61         | 3.60         | 4.03         | 3.62         | n/a          |
| Surface Mines  | 10.73        | 10.92        | 10.36        | 9.88         | 10.24        | 11.38        | 10.39        | n/a          |

**Notes:**

<sup>p/</sup> Preliminary estimates. <sup>r/</sup> Revised. <sup>e/</sup> Estimated. n/a Not available.

<sup>1/</sup> At active producing coal mines. <sup>2/</sup> The residential/commercial sector included.

<sup>3/</sup> Excludes mines producing less than 10,000 short tons of coal during the year. Excludes contractors.

<sup>4/</sup> Includes contractors and office workers. Excludes mines producing less than 10,000 short tons and prep plants with less than 5,000 employee hours.

<sup>5/</sup> Includes refuse. <sup>6/</sup> Includes contractor employees. N/A Not available.

Sources: U.S. DOE/EIA, Mine Safety & Health Administration, Association of American Railroads, and NMA estimates.

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