

Table 28. Comparison of coal projections, 2015, 2025, 2030, and 2035 (million short tons, except where noted)

| Projection | AEO2012 Reference case | | | Other projections | | | | | |
|--|------------------------|----------------------|-------------------|----------------------|--------------|--------------------------|-------------------|--------------------------|-------------------|
| | 2010 | (million short tons) | (quadrillion Btu) | EVA ^a | IHSGI | INFORUM | IEA ^b | Exxon-Mobil ^c | BP ^b |
| | | | | (million short tons) | | | (quadrillion Btu) | | |
| 2015 | | | | | | | | | |
| Production | 1,084 | 993 | 20.24 | 1,017 | 1,144 | 970 | -- | -- | 22.00 |
| East of the Mississippi | 446 | 407 | -- | 411 | -- | -- | -- | -- | -- |
| West of the Mississippi | 638 | 586 | -- | 606 | -- | -- | -- | -- | -- |
| Consumption | | | | | | | | | |
| Electric power | 975 | 839 | 16.15 | 871 | 1,002 | -- | -- | 17.00 | 18.68 |
| Coke plants | 21 | 22 | -- | 20 | 21 | -- | -- | -- | -- |
| Coal-to-liquids | 0 | 0 | -- | -- | -- | -- | -- | -- | -- |
| Other industrial/buildings | 55 | 53 | 1.66 ^d | 42 | 50 | 1.81 ^d | -- | -- | -- |
| Total consumption (quadrillion Btu)^e | 20.76 | -- | 17.80 | -- | -- | -- | -- | 19.00 | 20.53 |
| Total consumption (million short tons) | 1,051 | 914 | -- | 933 | 1,073 | 916^f | -- | -- | -- |
| Net coal exports | 64 | 95 | 2.38 | 100 | 70 | 54 | -- | -- | 1.48 |
| Exports | 82 | 110 | 2.73 | 104 | 89 | 70 | -- | -- | 1.48 |
| Imports | 18 | 15 | 0.35 | 4 | 19 | 16 | -- | -- | 0.00 ^g |
| Minemouth price | | | | | | | | | |
| 2010 dollars per ton | 35.61 | 42.08 | -- | -- | -- | 32.80 | -- | -- | -- |
| 2010 dollars per Btu | 1.76 | 2.08 | -- | -- | -- | -- | -- | -- | -- |
| Average delivered price to electricity generators | | | | | | | | | |
| 2010 dollars per ton | 44.27 | 45.17 | -- | -- | -- | 42.72 | -- | -- | -- |
| 2010 dollars per Btu | 2.26 | 2.35 | -- | -- | 2.39 | -- | -- | -- | -- |
| 2025 | | | | | | | | | |
| Production | 1,084 | 1,118 | 22.25 | 995 | 1,038 | 1,114 | -- | -- | 19.40 |
| East of the Mississippi | 446 | 383 | -- | 403 | -- | -- | -- | -- | -- |
| West of the Mississippi | 638 | 735 | -- | 592 | -- | -- | -- | -- | -- |
| Consumption | | | | | | | | | |
| Electric power | 975 | 952 | 18.06 | 847 | 927 | -- | -- | 15.00 | 16.16 |
| Coke plants | 21 | 19 | -- | 17 | 19 | -- | -- | -- | -- |
| Coal-to-liquids | 0 | 38 | -- | -- | -- | -- | -- | -- | -- |
| Other industrial/buildings | 55 | 55 | 1.63 ^d | 33 | 39 | 2.07 ^d | -- | -- | -- |
| Total consumption (quadrillion Btu)^e | 20.76 | -- | 20.02 | -- | -- | -- | -- | 15.00 | 17.70 |
| Total consumption (million short tons) | 1,051 | 1,063 | -- | 897 | 986 | 1,072^f | -- | -- | -- |
| Net coal exports | 64 | 71 | 1.79 | 113 | 53 | 42 | -- | -- | 1.70 |
| Exports | 82 | 115 | 2.82 | 118 | 73 | 75 | -- | -- | 1.70 |
| Imports | 18 | 44 | 1.03 | 4 | 20 | 33 | -- | -- | 0.00 ^g |
| Minemouth price | | | | | | | | | |
| 2010 dollars per ton | 35.61 | 44.05 | -- | -- | -- | 33.43 | -- | -- | -- |
| 2010 dollars per Btu | 1.76 | 2.23 | -- | -- | -- | -- | -- | -- | -- |
| Average delivered price to electricity generators | | | | | | | | | |
| 2010 dollars per ton | 44.27 | 48.13 | -- | -- | -- | 43.58 | -- | -- | -- |
| 2010 dollars per Btu | 2.26 | 2.54 | -- | -- | 2.48 | -- | -- | -- | -- |

-- = not reported.

See notes at end of table.

(continued on next page)

Table 28. Comparison of coal projections, 2015, 2025, 2030, and 2035 (million short tons, except where noted) (continued)

| Projection | AEO2012 Reference case | | | Other projections | | | | | |
|--|------------------------|----------------------|-------------------|----------------------|------------|--------------------------|-------------------|--------------------------|-------------------|
| | 2010 | (million short tons) | (quadrillion Btu) | EVA ^a | IHSGI | INFORUM | IEA ^b | Exxon-Mobil ^c | BP ^b |
| | | | | (million short tons) | | | (quadrillion Btu) | | |
| 2030 | | | | | | | | | |
| Production | 1,084 | 1,166 | 23.22 | 992 | 984 | 1,177 | -- | -- | 17.99 |
| East of the Mississippi | 446 | 409 | -- | 396 | -- | -- | -- | -- | -- |
| West of the Mississippi | 638 | 757 | -- | 596 | -- | -- | -- | -- | -- |
| Consumption | | | | | | | | | |
| Electric power | 975 | 975 | 18.55 | 847 | 885 | -- | 19.2 | 13.00 | 14.76 |
| Coke plants | 21 | 18 | -- | 16 | 19 | -- | -- | -- | -- |
| Coal-to-liquids | 0 | 51 | -- | -- | -- | -- | -- | -- | -- |
| Other industrial/buildings | 55 | 55 | 1.60 ^d | 31 | 35 | 2.37 ^d | 1.1 ^b | -- | -- |
| Total consumption (quadrillion Btu)^e | 20.76 | -- | 20.59 | -- | -- | -- | -- | 13.00 | 16.18 |
| Total consumption (million short tons) | 1,051 | 1,099 | -- | 894 | 938 | 1,156^f | -- | -- | -- |
| Net coal exports | 64 | 83 | 2.08 | 113 | 47 | 41 | -- | -- | 1.81 |
| Exports | 82 | 117 | 2.85 | 118 | 68 | 74 | -- | -- | 1.81 |
| Imports | 18 | 33 | 0.77 | 5 | 20 | 53 | -- | -- | 0.00 ^g |
| Minemouth price | | | | | | | | | |
| 2010 dollars per ton | 35.61 | 47.28 | -- | -- | -- | 33.21 | -- | -- | -- |
| 2010 dollars per Btu | 1.76 | 2.39 | -- | -- | -- | -- | -- | -- | -- |
| Average delivered price to electricity generators | | | | | | | | | |
| 2010 dollars per ton | 44.27 | 50.56 | -- | -- | -- | 43.31 | -- | -- | -- |
| 2010 dollars per Btu | 2.26 | 2.66 | -- | -- | 2.52 | -- | -- | -- | -- |
| 2035 | | | | | | | | | |
| Production | 1,084 | 1,212 | 24.14 | -- | 926 | 1,284 | -- | -- | -- |
| East of the Mississippi | 446 | 431 | -- | -- | -- | -- | -- | -- | -- |
| West of the Mississippi | 638 | 781 | -- | -- | -- | -- | -- | -- | -- |
| Consumption | | | | | | | | | |
| Electric power | 975 | 998 | 19.03 | -- | 837 | -- | 19.2 | 11.00 | -- |
| Coke plants | 21 | 17 | -- | -- | 18 | -- | -- | -- | -- |
| Coal-to-liquids | 0 | 67 | -- | -- | -- | -- | -- | -- | -- |
| Other industrial/buildings | 55 | 56 | 1.58 ^d | -- | 31 | 2.70 ^d | 1.1 | -- | -- |
| Total consumption (quadrillion Btu)^e | 20.76 | -- | 21.15 | -- | -- | -- | -- | 11.00 | -- |
| Total consumption (million short tons) | 1,051 | 1,137 | -- | -- | 886 | 1,277^f | -- | -- | -- |
| Net coal exports | 64 | 94 | 2.31 | -- | 42 | 8 | -- | -- | -- |
| Exports | 82 | 129 | 3.13 | -- | 63 | 71 | -- | -- | -- |
| Imports | 18 | 36 | 0.82 | -- | 20 | 64 | -- | -- | -- |
| Minemouth price | | | | | | | | | |
| 2010 dollars per ton | 35.61 | 50.52 | -- | -- | -- | 33.06 | -- | -- | -- |
| 2010 dollars per Btu | 1.76 | 2.56 | -- | -- | -- | -- | -- | -- | -- |
| Average delivered price to electricity generators | | | | | | | | | |
| 2010 dollars per ton | 44.27 | 53.31 | -- | -- | -- | 43.13 | -- | -- | -- |
| 2010 dollars per Btu | 2.26 | 2.80 | -- | -- | 2.54 | -- | -- | -- | -- |

-- = not reported.

^aRegulations known to be accounted for in the EVA projections include MATS, CSAPR, regulations for cooling-water intake structures under Section 316(b) of the Clean Water Act, and regulations for coal combustion residuals under authority of the Resource Conservation and Recovery Act.^bFor IEA and BP, data were converted from millions of tons oil equivalent (toe) at 39.683 million Btu per toe.^cExxonMobil projections include a carbon tax.^dCoal consumption in quadrillion Btu. INFORUM's value appears to include coal consumption at coke plants. To facilitate comparison the AEO2012 value also includes coal consumption at coke plants.^eFor AEO2012, excludes coal converted to coal-based synthetic liquids.^fCalculated as consumption = (production - exports + imports).^gCalculated as imports = (consumption - production + exports).