

Table A5. Approximate Heat Content of Coal and Coal Coke, Selected Years, 1949-2008
(Million Btu per Short Ton)

| Year | Coal | | | | | | | | | Coal Coke | |
|-------------------|-------------------------|----------------------------------|------------------------------------|-------------------|--------------------|--------------------------------------|---------------------|---------|---------|-----------|---------------------|
| | Production ¹ | Waste Coal Supplied ² | Consumption | | | | | Imports | Exports | | Imports and Exports |
| | | | Residential and Commercial Sectors | Industrial Sector | | Electric Power Sector ^{4,5} | Total | | | | |
| | | | | Coke Plants | Other ³ | | | | | | |
| 1949 | 24.916 | NA | 24.263 | 26.797 | 24.612 | 23.761 | 24.793 | 25.000 | 26.759 | 24.800 | |
| 1950 | 25.090 | NA | 24.461 | 26.798 | 24.820 | 23.937 | 24.989 | 25.020 | 26.788 | 24.800 | |
| 1955 | 25.201 | NA | 24.373 | 26.794 | 24.821 | 24.056 | 24.982 | 25.000 | 26.907 | 24.800 | |
| 1960 | 24.906 | NA | 24.226 | 26.791 | 24.609 | 23.927 | 24.713 | 25.003 | 26.939 | 24.800 | |
| 1965 | 24.775 | NA | 24.028 | 26.787 | 24.385 | 23.780 | 24.537 | 25.000 | 26.973 | 24.800 | |
| 1970 | 23.842 | NA | 23.203 | 26.784 | 22.983 | 22.573 | 23.440 | 25.000 | 26.982 | 24.800 | |
| 1971 | 23.507 | NA | 23.090 | 26.784 | 22.670 | 22.301 | 23.124 | 25.000 | 26.981 | 24.800 | |
| 1972 | 23.389 | NA | 22.998 | 26.782 | 22.550 | 22.204 | 23.036 | 25.000 | 26.979 | 24.800 | |
| 1973 | 23.376 | NA | 22.831 | 26.780 | 22.586 | 22.246 | 23.057 | 25.000 | 26.996 | 24.800 | |
| 1974 | 23.072 | NA | 22.479 | 26.778 | 22.419 | 21.781 | 22.677 | 25.000 | 26.700 | 24.800 | |
| 1975 | 22.897 | NA | 22.261 | 26.782 | 22.436 | 21.642 | 22.506 | 25.000 | 26.562 | 24.800 | |
| 1976 | 22.855 | NA | 22.774 | 26.781 | 22.530 | 21.679 | 22.498 | 25.000 | 26.601 | 24.800 | |
| 1977 | 22.597 | NA | 22.919 | 26.787 | 22.322 | 21.508 | 22.265 | 25.000 | 26.548 | 24.800 | |
| 1978 | 22.248 | NA | 22.466 | 26.789 | 22.207 | 21.275 | 22.017 | 25.000 | 26.478 | 24.800 | |
| 1979 | 22.454 | NA | 22.242 | 26.788 | 22.452 | 21.364 | 22.100 | 25.000 | 26.548 | 24.800 | |
| 1980 | 22.415 | NA | 22.543 | 26.790 | 22.690 | 21.295 | 21.947 | 25.000 | 26.384 | 24.800 | |
| 1981 | 22.308 | NA | 22.474 | 26.794 | 22.585 | 21.085 | 21.713 | 25.000 | 26.160 | 24.800 | |
| 1982 | 22.239 | NA | 22.695 | 26.797 | 22.712 | 21.194 | 21.674 | 25.000 | 26.223 | 24.800 | |
| 1983 | 22.052 | NA | 22.775 | 26.798 | 22.691 | 21.133 | 21.576 | 25.000 | 26.291 | 24.800 | |
| 1984 | 22.010 | NA | 22.844 | 26.799 | 22.543 | 21.101 | 21.573 | 25.000 | 26.402 | 24.800 | |
| 1985 | 21.870 | NA | 22.646 | 26.798 | 22.020 | 20.959 | 21.366 | 25.000 | 26.307 | 24.800 | |
| 1986 | 21.913 | NA | 22.947 | 26.798 | 22.198 | 21.084 | 21.462 | 25.000 | 26.292 | 24.800 | |
| 1987 | 21.922 | NA | 23.404 | 26.799 | 22.381 | 21.136 | 21.517 | 25.000 | 26.291 | 24.800 | |
| 1988 | 21.823 | NA | 23.571 | 26.799 | 22.360 | 20.900 | 21.328 | 25.000 | 26.299 | 24.800 | |
| 1989 | 21.765 | ² 10.391 | 23.650 | 26.800 | 22.347 | ⁴ 20.898 | 21.307 | 25.000 | 26.160 | 24.800 | |
| 1990 | 21.822 | 9.303 | 23.137 | 26.799 | 22.457 | 20.779 | 21.197 | 25.000 | 26.202 | 24.800 | |
| 1991 | 21.681 | 10.758 | 23.114 | 26.799 | 22.460 | 20.730 | 21.120 | 25.000 | 26.188 | 24.800 | |
| 1992 | 21.682 | 10.396 | 23.105 | 26.799 | 22.250 | 20.709 | 21.068 | 25.000 | 26.161 | 24.800 | |
| 1993 | 21.418 | 10.638 | 22.994 | 26.800 | 22.123 | 20.677 | 21.010 | 25.000 | 26.335 | 24.800 | |
| 1994 | 21.394 | 11.097 | 23.112 | 26.800 | 22.068 | 20.589 | 20.929 | 25.000 | 26.329 | 24.800 | |
| 1995 | 21.326 | 11.722 | 23.118 | 26.800 | 21.950 | 20.543 | 20.880 | 25.000 | 26.180 | 24.800 | |
| 1996 | 21.322 | 12.147 | 23.011 | 26.800 | 22.105 | 20.547 | 20.870 | 25.000 | 26.174 | 24.800 | |
| 1997 | 21.296 | 12.158 | 22.494 | 26.800 | 22.172 | 20.518 | 20.830 | 25.000 | 26.251 | 24.800 | |
| 1998 | 21.418 | 12.639 | 21.620 | 27.426 | 23.164 | 20.516 | 20.881 | 25.000 | 26.800 | 24.800 | |
| 1999 | 21.070 | 12.552 | 23.880 | 27.426 | 22.489 | 20.490 | 20.818 | 25.000 | 26.081 | 24.800 | |
| 2000 | 21.072 | 12.360 | 25.020 | 27.426 | 22.433 | 20.511 | 20.828 | 25.000 | 26.117 | 24.800 | |
| 2001 | ¹ 20.772 | 12.169 | 24.909 | 27.426 | 22.622 | 20.337 | 20.671 | 25.000 | 25.998 | 24.800 | |
| 2002 | 20.673 | 12.165 | 22.962 | 27.426 | 22.562 | 20.238 | 20.541 | 25.000 | 26.062 | 24.800 | |
| 2003 | 20.499 | 12.360 | 22.242 | 27.425 | 22.468 | 20.082 | 20.387 | 25.000 | 25.972 | 24.800 | |
| 2004 | 20.424 | 12.266 | 22.324 | 27.426 | 22.473 | 19.980 | 20.290 | 25.000 | 26.108 | 24.800 | |
| 2005 | 20.348 | 12.093 | 22.342 | 26.279 | 22.178 | 19.988 | 20.246 | 25.000 | 25.494 | 24.800 | |
| 2006 | 20.310 | 12.080 | 22.066 | 26.271 | 22.050 | 19.931 | 20.181 | 25.000 | 25.453 | 24.800 | |
| 2007 | ^R 20.340 | ^R 12.090 | ^R 22.069 | 26.329 | 22.371 | ^R 19.909 | ^R 20.168 | 25.000 | 25.466 | 24.800 | |
| 2008 ^P | 20.219 | 12.348 | 21.386 | 26.281 | 22.348 | 19.726 | 19.988 | 25.000 | 25.399 | 24.800 | |

¹ Beginning in 2001, includes a small amount of refuse recovery (coal recaptured from a refuse mine, and cleaned to reduce the concentration of noncombustible materials).

² Waste coal (including fine coal, coal obtained from a refuse bank or slurry dam, anthracite culm, bituminous gob, and lignite waste) consumed by the electric power and industrial sectors. Beginning in 1989, waste coal supplied is counted as a supply-side item to balance the same amount of waste coal included in "Consumption."

³ Includes transportation. Excludes coal synfuel plants.

⁴ Electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose

primary business is to sell electricity, or electricity and heat, to the public. Through 1988, data are for electric utilities only; beginning in 1989, data are for electric utilities and independent power producers.

⁵ Electric power sector factors are for anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and, beginning in 1998, coal synfuel.

R=Revised. P=Preliminary. NA=Not available.

Note: The values in this table are for gross heat contents. See "Heat Content" in Glossary.

Web Page: For all data beginning in 1949, see http://www.eia.doe.gov/emeu/aer/append_a.html.

Sources: See "Thermal Conversion Factor Source Documentation," which follows Table A6.