

Table 2. Carbon Dioxide Emission Factors
 (million metric tons carbon dioxide equivalent per quadrillion Btu)

| Fuel Type | Carbon Dioxide Coefficient at Full Combustion | Combustion Fraction | Adjusted Emissions Factor |
|------------------------------------|-----------------------------------------------|---------------------|---------------------------|
| Petroleum | | | |
| Motor Gasoline (net of ethanol) | 70.88 | 1.000 | 70.88 |
| Liquefied Petroleum Gas | | | |
| Used as Fuel | 63.03 | 1.000 | 62.72 |
| Used as Feedstock | 61.64 | 0.200 | 12.31 |
| Jet Fuel | 70.88 | 1.000 | 70.88 |
| Distillate Fuel (net of biodiesel) | 73.15 | 1.000 | 73.15 |
| Residual Fuel | 78.80 | 1.000 | 78.80 |
| Asphalt and Road Oil | 75.61 | 0.000 | 0.00 |
| Lubricants | 74.21 | 0.500 | 37.11 |
| Petrochemical Feedstocks | 69.85 | 0.381 | 26.59 |
| Kerosene | 72.31 | 1.000 | 72.31 |
| Petroleum Coke | 102.12 | 0.860 | 87.82 |
| Petroleum Still Gas | 64.20 | 1.000 | 64.20 |
| Other Industrial | 74.43 | 1.000 | 74.43 |
| Coal | | | |
| Residential and Commercial | 95.35 | 1.000 | 95.35 |
| Metallurgical | 93.71 | 1.000 | 93.71 |
| Industrial Other | 93.98 | 1.000 | 93.98 |
| Electric Utility ¹ | 94.66 | 1.000 | 94.66 |
| Natural Gas | | | |
| Used as Fuel | 53.06 | 1.000 | 53.06 |
| Used as Feedstocks | 53.06 | 0.517 | 27.44 |

¹Emission factors for coal used for electricity generation are specified by coal supply region and types of coal, so the average carbon dioxide contents for coal varies throughout the projection. The 2006 average is 94.66.

Source: Energy Information Administration, *Emissions of Greenhouse Gases in the United States 2006*, DOE/EIA-0573(2006), (Washington, DC, November 2006).