

Table 12.3 Carbon Dioxide Emissions From Energy Consumption by Sector by Energy Source, 2006

(Million Metric Tons of Carbon Dioxide ¹)

Energy Source	End-Use Sectors					Electric Power Sector ⁴	Total
	Residential	Commercial ²	Industrial ³	Transportation	Total		
Petroleum	100.3	52.6	421.4	1,952.4	2,526.6	54.5	2,581.2
Aviation Gasoline	--	--	--	2.3	2.3	--	2.3
Distillate Fuel Oil	63.6	33.3	93.4	452.2	642.5	5.4	647.9
Jet Fuel	--	--	--	239.5	239.5	--	239.5
Kerosene	5.1	1.2	1.7	--	8.0	--	8.0
Liquefied Petroleum Gases	31.6	5.6	54.1	1.1	92.4	--	92.4
Lubricants	--	--	--	⁵ 5.5	5.5	--	5.5
Motor Gasoline	--	3.5	26.7	1,186.2	1,216.4	--	1,216.4
Petroleum Coke	--	--	81.9	--	81.9	20.5	102.4
Residual Fuel Oil	--	8.9	20.3	65.6	94.8	28.7	123.5
Other	--	--	143.3	--	143.3	--	143.3
Natural Gas	237.3	154.6	399.2	32.5	823.6	339.5	1,163.1
Coal	0.6	6.2	⁶ 183.8	(⁶)	190.5	1,937.9	2,128.4
Coal Coke Net Imports	--	--	5.7	--	5.7	--	5.7
Municipal Solid Waste ⁷	--	--	--	--	--	11.5	11.5
Geothermal	--	--	--	--	--	0.4	0.4
Primary	338.2	213.3	1,010.1	1,984.9	3,546.4	2,343.9	5,890.3
Electric Power Sector Generation ⁸	866.0	831.9	640.7	5.2	2,343.9	--	--
Total	1,204.2	1,045.2	1,650.8	1,990.1	5,890.3	--	5,890.3

¹ Metric tons of carbon dioxide can be converted to metric tons of carbon equivalent by multiplying by 12/44.

² Commercial sector, including commercial combined-heat-and-power (CHP) and commercial electricity-only plants.

³ Industrial sector, including industrial combined-heat-and-power (CHP) and industrial electricity-only 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.

⁵ Includes emissions from nonfuel use of lubricants.

⁶ Small amounts of coal consumed for transportation are reported as industrial sector consumption.

⁷ The plastics component of municipal solid waste.

⁸ Emissions from energy consumption (for electricity and a small amount of useful thermal output) in the

electric power sector are allocated to the end-use sectors in proportion to each sector's share of total electricity retail sales (see Table 8.9).

-- = Not applicable.

Notes: • Data are preliminary estimates. • Emissions from blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels are counted under their primary energy source—i.e., petroleum, natural gas, or coal. • See Note 2, "Classification of Power Plants Into Energy-Use Sectors," at end of Section 8. • Totals may not equal sum of components due to independent rounding.

Web Page: For related information, see <http://www.eia.doe.gov/environment.html>.

Source: Energy Information Administration, *Emissions of Greenhouse Gases in the United States 2006* (November 2007), Tables 5-9.