

**Table 12.3 Carbon Dioxide Emissions From Energy Consumption by Sector by Energy Source, 2005**

(Million Metric Tons of Carbon Dioxide <sup>1</sup>)

Energy Source	End-Use Sectors					Electric Power Sector <sup>4</sup>	Total
	Residential	Commercial <sup>2</sup>	Industrial <sup>3</sup>	Transportation	Total		
Petroleum .....	105.3	55.4	431.2	1,921.7	2,513.6	100.3	2,614.0
Aviation Gasoline .....	--	--	--	2.4	2.4	--	2.4
Distillate Fuel Oil .....	67.5	34.4	89.1	434.1	625.2	8.3	633.4
Jet Fuel .....	--	--	--	243.8	243.8	--	243.8
Kerosene .....	6.6	1.6	2.2	--	10.3	--	10.3
Liquefied Petroleum Gases .....	31.2	5.5	54.4	1.1	92.2	--	92.2
Lubricants .....	--	--	--	<sup>5</sup> 5.6	5.6	--	5.6
Motor Gasoline .....	--	3.4	26.2	1,170.5	1,200.2	--	1,200.2
Petroleum Coke .....	--	--	102.5	--	102.5	22.9	125.4
Residual Fuel Oil .....	--	10.5	19.7	64.1	94.3	69.1	163.4
Other .....	--	--	137.1	--	137.1	--	137.1
Natural Gas .....	261.7	166.3	399.7	31.5	859.2	318.9	1,178.1
Coal .....	0.9	7.8	<sup>6</sup> 184.5	( <sup>6</sup> )	193.3	1,944.2	2,137.5
Coal Coke Net Imports .....	--	--	4.1	--	4.1	--	4.1
Municipal Solid Waste <sup>7</sup> .....	--	--	--	--	--	11.1	11.1
Geothermal .....	--	--	--	--	--	0.4	0.4
<b>Primary</b> .....	<b>368.0</b>	<b>229.5</b>	<b>1,019.5</b>	<b>1,953.2</b>	<b>3,570.3</b>	<b>2,375.0</b>	<b>5,945.3</b>
Electric Power Sector Generation <sup>8</sup> .....	885.7	821.1	662.8	5.4	2,375.0	--	--
<b>Total</b> .....	<b>1,253.8</b>	<b>1,050.6</b>	<b>1,682.3</b>	<b>1,958.6</b>	<b>5,945.3</b>	<b>--</b>	<b>5,945.3</b>

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

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

<sup>3</sup> Industrial sector, including industrial combined-heat-and-power (CHP) and industrial electricity-only plants.

<sup>4</sup> Electricity-only and combined-heat-and-power (CHP) plants within the NAICS (North American Industry Classification System) 22 category whose primary business is to sell electricity, or electricity and heat, to the public.

<sup>5</sup> Includes emissions from nonfuel use of lubricants.

<sup>6</sup> Small amounts of coal consumed for transportation are reported as industrial sector consumption.

<sup>7</sup> The plastics component of municipal solid waste.

<sup>8</sup> 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 (EIA), *Emissions of Greenhouse Gases in the United States 2005* (November 2006), Tables 7-11 and unpublished revisions.