

**Table 12.3 Carbon Dioxide Emissions From Energy Consumption by Sector by Energy Source, 2007**

(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 .....	88.3	45.4	406.4	1,974.0	2,514.2	65.7	2,579.9
Aviation Gasoline .....	--	--	--	2.2	2.2	--	2.2
Distillate Fuel Oil .....	52.6	29.6	90.6	472.5	645.3	7.4	652.7
Jet Fuel .....	--	--	--	238.0	238.0	--	238.0
Kerosene .....	2.9	0.7	1.3	--	4.8	--	4.8
Liquefied Petroleum Gases .....	32.8	5.8	52.8	1.7	93.1	--	93.1
Lubricants .....	--	--	6.0	<sup>5</sup> 5.6	11.6	--	11.6
Motor Gasoline .....	--	3.1	24.7	1,180.5	1,208.3	--	1,208.3
Petroleum Coke .....	--	--	71.5	--	71.5	21.2	92.7
Residual Fuel Oil .....	--	6.2	17.8	73.5	97.5	37.1	134.7
Other .....	--	--	141.6	--	141.6	--	141.6
Natural Gas .....	256.9	163.4	404.9	35.4	860.6	376.4	1,237.0
Coal .....	0.6	6.8	<sup>6</sup> 172.2	( <sup>6</sup> )	179.6	1,979.7	2,159.3
Coal Coke Net Imports .....	--	--	3.1	--	3.1	--	3.1
Municipal Solid Waste <sup>7</sup> .....	--	--	--	--	--	11.2	11.2
Geothermal .....	--	--	--	--	--	0.4	0.4
<b>Primary</b> .....	<b>345.8</b>	<b>215.6</b>	<b>986.7</b>	<b>2,009.4</b>	<b>3,557.5</b>	<b>2,433.4</b>	<b>5,990.9</b>
Electric Power Sector Generation <sup>8</sup> .....	903.7	871.7	653.0	5.0	2,433.4	--	--
<b>Total</b> .....	<b>1,249.5</b>	<b>1,087.4</b>	<b>1,639.7</b>	<b>2,014.4</b>	<b>5,990.9</b>	<b>--</b>	<b>5,990.9</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 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, *Emissions of Greenhouse Gases in the United States 2007* (December 2008), Tables 7-11.