

**Table 12.3 Carbon Dioxide Emissions From Energy Consumption: Commercial Sector**  
(Million Metric Tons of Carbon Dioxide<sup>a</sup>)

	Coal	Natural Gas <sup>b</sup>	Petroleum							Retail Electricity <sup>f</sup>	Total <sup>g</sup>
			Distillate Fuel Oil <sup>c</sup>	Kerosene	LPG <sup>d</sup>	Motor Gasoline <sup>e</sup>	Petroleum Coke	Residual Fuel Oil	Total		
1973 Total	15	141	47	5	9	6	NA	52	120	334	609
1975 Total	14	136	43	4	8	6	NA	39	100	333	583
1980 Total	11	141	38	3	6	8	NA	44	98	412	662
1985 Total	13	132	46	2	6	7	NA	18	79	480	704
1990 Total	12	142	39	1	6	8	0	18	73	566	793
1995 Total	11	164	35	2	7	1	(s)	11	56	620	851
1996 Total	12	171	35	2	8	2	(s)	11	57	643	883
1997 Total	12	174	32	2	8	3	(s)	9	54	686	926
1998 Total	9	164	31	2	7	3	(s)	7	51	724	947
1999 Total	10	165	32	2	9	2	(s)	6	51	735	960
2000 Total	9	173	36	2	9	3	(s)	7	58	783	1,022
2001 Total	9	164	37	2	9	3	(s)	6	57	797	1,027
2002 Total	9	<sup>R</sup> 170	32	1	9	3	(s)	6	52	795	<sup>R</sup> 1,026
2003 Total	8	173	35	1	10	4	(s)	9	59	796	1,036
2004 Total	10	170	34	1	10	3	(s)	10	58	816	1,054
2005 Total	9	163	33	2	8	3	(s)	9	55	842	1,069
2006 Total	6	154	29	1	8	3	(s)	6	48	836	1,043
2007 Total	7	164	28	1	8	4	(s)	6	47	861	<sup>R</sup> 1,078
2008 Total	7	171	27	(s)	10	3	(s)	6	46	850	1,074
2009 January	1	28	4	(s)	1	(s)	(s)	1	6	69	103
February	1	23	3	(s)	1	(s)	(s)	1	5	58	87
March	1	19	3	(s)	1	(s)	(s)	1	5	60	85
April	(s)	14	2	(s)	1	(s)	0	(s)	4	58	75
May	(s)	9	2	(s)	1	(s)	0	(s)	3	62	75
June	(s)	7	2	(s)	1	(s)	0	(s)	3	70	80
July	(s)	7	2	(s)	1	(s)	0	(s)	3	73	84
August	(s)	7	2	(s)	1	(s)	(s)	(s)	3	76	86
September	(s)	7	2	(s)	1	(s)	(s)	(s)	4	66	77
October	(s)	11	2	(s)	1	(s)	0	(s)	4	65	80
November	1	14	2	(s)	1	(s)	(s)	(s)	4	60	78
December	1	23	4	(s)	1	(s)	(s)	1	6	68	98
<b>Total</b>	<b>6</b>	<b>169</b>	<b>30</b>	<b>(s)</b>	<b>9</b>	<b>4</b>	<b>(s)</b>	<b>6</b>	<b>49</b>	<b>785</b>	<b>1,008</b>
2010 January	1	<sup>R</sup> 27	4	(s)	1	(s)	(s)	1	7	66	<sup>R</sup> 101
February	1	<sup>R</sup> 24	4	(s)	1	(s)	(s)	1	6	60	<sup>R</sup> 91
March	1	<sup>R</sup> 18	3	(s)	1	(s)	(s)	1	4	59	<sup>R</sup> 82
April	(s)	12	2	(s)	1	(s)	(s)	(s)	3	57	73
May	(s)	9	2	(s)	1	(s)	0	(s)	3	66	78
June	(s)	7	2	(s)	1	(s)	0	(s)	4	74	<sup>R</sup> 85
July	(s)	<sup>R</sup> 6	2	(s)	1	(s)	0	(s)	3	80	90
August	(s)	7	2	(s)	1	(s)	(s)	(s)	3	80	91
September	(s)	7	1	(s)	1	(s)	(s)	(s)	3	69	79
October	(s)	10	2	(s)	1	(s)	(s)	(s)	4	62	77
November	(s)	16	3	(s)	1	(s)	(s)	1	4	61	<sup>R</sup> 81
December	1	<sup>R</sup> 25	4	(s)	1	(s)	(s)	1	6	68	<sup>R</sup> 100
<b>Total</b>	<b>5</b>	<b><sup>R</sup>168</b>	<b>32</b>	<b>(s)</b>	<b>9</b>	<b>4</b>	<b>(s)</b>	<b>7</b>	<b>51</b>	<b>804</b>	<b><sup>R</sup>1,029</b>
2011 January	1	29	4	(s)	1	(s)	(s)	1	6	65	100
February	1	24	3	(s)	1	(s)	(s)	1	5	56	85
March	1	20	3	(s)	1	(s)	(s)	1	4	59	83
April	(s)	13	2	(s)	1	(s)	0	(s)	3	57	73
May	(s)	9	1	(s)	1	(s)	0	(s)	2	64	76
June	(s)	7	2	(s)	1	(s)	0	(s)	3	71	82
July	(s)	7	2	(s)	1	(s)	0	(s)	3	79	<sup>R</sup> 89
August	(s)	7	2	(s)	1	(s)	0	(s)	4	78	89
September	(s)	8	2	(s)	1	(s)	0	(s)	4	66	78
October	(s)	12	3	(s)	1	(s)	0	1	4	62	78
<b>10-Month Total</b>	<b>4</b>	<b>134</b>	<b>22</b>	<b>(s)</b>	<b>8</b>	<b>3</b>	<b>(s)</b>	<b>5</b>	<b>38</b>	<b>657</b>	<b>833</b>
2010 10-Month Total	4	127	25	(s)	8	3	(s)	5	41	675	847
2009 10-Month Total	5	132	25	(s)	7	3	(s)	5	40	655	832

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

<sup>b</sup> Natural gas, excluding supplemental gaseous fuels.

<sup>c</sup> Distillate fuel oil, excluding biodiesel.

<sup>d</sup> Liquefied petroleum gases.

<sup>e</sup> Finished motor gasoline, excluding fuel ethanol.

<sup>f</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 Tables 7.6 and 12.6.

<sup>g</sup> Excludes emissions from biomass energy consumption. See Table 12.7.

<sup>h</sup> R=Revised. NA=Not available. (s)=Less than 0.5 million metric tons.

Notes: • Data are estimates for carbon dioxide emissions from energy consumption. See "Section 12 Methodology and Sources" at end of section. • See "Carbon Dioxide" in Glossary. • See Note 1, "Emissions of Carbon Dioxide and Other Greenhouse Gases," at end of section. • Data exclude emissions from biomass energy consumption. See Table 12.7 and Note 2, "Accounting for Carbon Dioxide Emissions From Biomass Energy Combustion," at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#environment> for all available data beginning in 1973.

Sources: See end of section.