

**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>	HGL <sup>d</sup>	Kerosene	Motor Gasoline <sup>e</sup>	Petroleum Coke	Residual Fuel Oil			Total
1973 Total	15	141	47	9	5	6	NA	52	120	334	609
1975 Total	14	136	43	8	4	6	NA	39	100	333	583
1980 Total	11	141	38	6	3	8	NA	44	98	412	662
1985 Total	13	132	46	6	2	7	NA	18	79	480	704
1990 Total	12	142	39	6	1	8	0	18	73	566	793
1995 Total	11	164	35	7	2	1	(s)	11	56	620	851
1996 Total	12	171	35	8	2	2	(s)	11	57	643	883
1997 Total	12	174	32	8	2	3	(s)	9	54	686	926
1998 Total	9	164	31	7	2	3	(s)	7	50	724	947
1999 Total	10	165	32	9	2	2	(s)	6	51	735	960
2000 Total	9	173	36	9	2	3	(s)	7	58	783	1,022
2001 Total	9	164	37	9	2	3	(s)	6	57	797	1,027
2002 Total	9	170	32	9	1	3	(s)	6	52	795	1,026
2003 Total	8	173	36	10	1	4	(s)	9	60	796	1,037
2004 Total	10	170	34	10	1	3	(s)	10	58	815	1,053
2005 Total	9	163	33	8	2	3	(s)	9	55	841	1,069
2006 Total	6	154	29	8	1	3	(s)	6	47	835	1,043
2007 Total	7	164	28	8	1	4	(s)	6	46	861	1,078
2008 Total	8	171	28	10	(s)	3	(s)	6	47	849	1,075
2009 Total	7	169	29	9	(s)	3	(s)	6	47	784	1,007
2010 Total	7	168	29	9	(s)	3	(s)	5	46	804	1,025
2011 Total	6	171	29	9	(s)	3	(s)	4	45	768	990
2012 Total	4	157	26	9	(s)	3	(s)	2	40	731	932
2013 Total	4	179	25	10	(s)	3	(s)	2	39	736	958
2014 Total	4	190	26	10	(s)	4	(s)	1	41	736	970
2015 Total	3	176	26	9	(s)	25	(s)	(s)	61	692	932
2016 January	(s)	28	3	1	(s)	2	(s)	(s)	6	55	89
February	(s)	23	3	1	(s)	2	(s)	(s)	6	46	75
March	(s)	16	2	1	(s)	2	(s)	(s)	5	43	65
April	(s)	13	2	1	(s)	2	(s)	(s)	5	43	61
May	(s)	9	2	1	(s)	2	0	(s)	5	49	63
June	(s)	8	1	1	(s)	2	(s)	(s)	4	63	74
July	(s)	7	1	1	(s)	2	(s)	(s)	4	70	82
August	(s)	8	1	1	(s)	2	0	(s)	4	71	83
September	(s)	8	1	1	(s)	2	0	(s)	4	61	73
October	(s)	11	2	1	(s)	2	0	(s)	5	54	70
November	(s)	15	2	1	(s)	2	(s)	(s)	5	48	69
December	(s)	25	4	1	(s)	2	(s)	(s)	7	56	88
Total	2	171	24	9	(s)	25	(s)	(s)	59	662	894
2017 January	(s)	26	3	1	(s)	2	(s)	(s)	6	53	86
February	(s)	20	2	1	(s)	2	(s)	(s)	5	44	69
March	(s)	20	2	1	(s)	2	(s)	(s)	5	47	73
April	(s)	12	2	1	(s)	2	(s)	(s)	5	44	60
May	(s)	10	1	1	(s)	2	(s)	(s)	4	50	64
June	(s)	8	2	1	(s)	2	(s)	(s)	5	57	69
July	(s)	7	1	1	(s)	2	(s)	(s)	4	66	78
August	(s)	8	1	1	(s)	2	(s)	(s)	4	63	75
September	(s)	8	1	1	(s)	2	(s)	(s)	4	55	67
October	(s)	11	2	1	(s)	2	(s)	(s)	5	51	67
November	(s)	18	3	1	(s)	2	(s)	(s)	5	49	72
December	(s)	27	3	1	(s)	2	(s)	(s)	7	53	87
Total	2	174	24	10	(s)	25	(s)	(s)	59	634	868
2018 January	(s)	30	4	1	(s)	2	(s)	(s)	7	56	94
February	(s)	23	3	1	(s)	2	(s)	(s)	5	44	73
March	(s)	23	2	1	(s)	2	(s)	(s)	5	46	74
April	(s)	16	2	1	(s)	2	(s)	(s)	5	43	65
May	(s)	9	1	1	(s)	2	0	(s)	4	51	64
June	(s)	8	1	1	(s)	2	0	(s)	4	57	69
July	(s)	7	1	1	(s)	2	0	(s)	4	66	77
August	(s)	8	1	1	(s)	2	0	(s)	4	66	77
September	(s)	8	1	1	(s)	2	(s)	(s)	4	58	70
9-Month Total	1	132	17	8	(s)	19	(s)	(s)	43	486	663
2017 9-Month Total	1	118	16	7	(s)	19	(s)	(s)	43	480	642
2016 9-Month Total	2	120	16	7	(s)	19	(s)	(s)	42	502	665

<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> Hydrocarbon gas liquids.

<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.

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> (Excel and CSV files) for all available annual and monthly data beginning in 1973.

Sources: See end of section.