

**Table 11.3 Carbon Dioxide Emissions From Energy Consumption: Commercial Sector**  
(Million Metric Tons of Carbon Dioxide<sup>a</sup>)

	Coal	Natural Gas <sup>b</sup>	Petroleum						Total	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			
1973 Total	15	140	48	9	5	6	NA	50	118	334	607
1975 Total	14	136	43	8	4	6	NA	37	98	334	582
1980 Total	11	141	38	6	3	8	NA	42	97	414	662
1985 Total	13	132	47	6	2	7	NA	17	79	484	708
1990 Total	12	142	40	6	1	8	0	17	72	564	790
1995 Total	11	164	35	7	2	1	(s)	11	56	619	850
2000 Total	9	172	37	9	2	3	(s)	7	58	781	1,021
2005 Total	9	163	33	8	2	3	(s)	9	55	840	1,067
2006 Total	6	154	30	8	1	3	(s)	6	48	834	1,042
2007 Total	7	164	28	8	1	4	(s)	6	46	860	1,077
2008 Total	8	171	29	10	(s)	3	(s)	5	47	848	1,074
2009 Total	7	169	29	9	(s)	3	(s)	5	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	40	736	958
2014 Total	4	189	26	10	(s)	4	(s)	1	41	736	970
2015 Total	3	175	27	9	(s)	25	(s)	(s)	61	692	932
2016 Total	2	171	24	9	(s)	25	(s)	(s)	59	661	893
2017 Total	2	173	24	10	(s)	24	(s)	(s)	58	633	866
2018 Total	2	193	24	11	(s)	24	(s)	(s)	59	632	885
2019 Total	2	193	24	11	(s)	24	(s)	(s)	60	578	832
2020 Total	1	173	20	13	(s)	24	(s)	(s)	58	502	735
2021 January	(s)	27	3	2	(s)	2	0	(s)	7	43	77
February	(s)	27	3	2	(s)	2	(s)	(s)	7	44	78
March	(s)	20	3	1	(s)	2	(s)	(s)	6	37	63
April	(s)	14	2	1	(s)	2	0	(s)	5	35	54
May	(s)	10	2	1	(s)	2	0	(s)	5	40	55
June	(s)	8	1	1	(s)	2	0	(s)	4	52	64
July	(s)	8	1	1	(s)	2	0	(s)	4	59	71
August	(s)	8	1	1	(s)	2	0	(s)	4	60	71
September	(s)	8	1	1	(s)	2	0	(s)	4	48	61
October	(s)	11	2	1	(s)	2	(s)	(s)	5	44	60
November	(s)	18	2	1	(s)	2	(s)	(s)	6	39	64
December	(s)	22	3	2	(s)	2	(s)	(s)	7	39	68
Total	1	180	24	14	(s)	25	(s)	(s)	63	541	786
2022 January	(s)	30	3	2	(s)	2	(s)	(s)	R 8	48	86
February	(s)	25	4	2	(s)	2	(s)	(s)	R 8	40	73
March	(s)	21	3	1	(s)	R 3	(s)	(s)	R 7	38	66
April	(s)	15	2	1	(s)	2	(s)	(s)	5	36	R 57
May	(s)	10	2	1	(s)	R 3	(s)	(s)	5	42	57
June	(s)	8	1	1	(s)	2	(s)	(s)	4	49	R 62
July	(s)	8	1	1	(s)	2	(s)	(s)	4	58	70
August	(s)	8	1	1	(s)	R 3	0	(s)	4	57	69
September	(s)	8	1	1	(s)	2	(s)	(s)	4	48	R 61
October	(s)	12	2	1	(s)	2	0	(s)	5	42	59
November	(s)	19	2	1	(s)	2	(s)	(s)	R 6	40	R 66
December	(s)	27	3	2	(s)	2	(s)	(s)	7	46	R 81
Total	1	192	25	14	(s)	R 29	(s)	(s)	R 68	546	R 807
2023 January	(s)	26	3	2	(s)	2	(s)	(s)	R 8	41	74
February	(s)	23	4	R 2	(s)	2	(s)	(s)	R 8	34	65
March	(s)	22	3	R 2	(s)	R 3	(s)	(s)	R 7	38	R 67
April	(s)	14	2	1	(s)	2	0	(s)	5	33	52
May	(s)	10	2	1	(s)	R 3	0	(s)	5	38	53
June	(s)	8	1	1	(s)	2	0	(s)	4	45	58
July	(s)	8	1	1	(s)	R 3	0	(s)	4	56	68
August	(s)	8	1	1	(s)	R 3	0	(s)	4	56	R 68
September	(s)	8	1	1	(s)	2	0	(s)	4	46	R 59
October	(s)	12	2	1	(s)	R 3	0	(s)	5	42	59
November	(s)	19	2	1	(s)	2	0	(s)	R 6	39	64
December	(s)	23	3	2	(s)	2	(s)	(s)	7	40	70
Total	1	181	24	13	(s)	29	(s)	(s)	67	508	758

<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 sales to ultimate customers. See Tables 7.6 and 11.6.

<sup>g</sup> Excludes emissions from biomass energy consumption. See Table 11.7.

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 11 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 11.7 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.