

Table 12.2 Carbon Dioxide Emissions From Energy Consumption: Residential Sector
(Million Metric Tons of Carbon Dioxide^a)

	Coal	Natural Gas ^b	Petroleum				Retail Electricity ^e	Total ^f
			Distillate Fuel Oil ^c	HGL ^d	Kerosene	Total		
1973 Total	9	264	147	36	16	199	435	907
1975 Total	6	266	132	32	12	176	419	867
1980 Total	3	256	96	20	8	124	529	911
1985 Total	4	241	80	20	11	111	553	909
1990 Total	3	238	72	22	5	98	624	963
1995 Total	2	263	66	25	5	96	678	1,039
1996 Total	2	284	68	30	6	104	710	1,099
1997 Total	2	270	64	29	7	99	719	1,090
1998 Total	1	247	56	27	8	91	759	1,097
1999 Total	1	257	60	33	8	102	762	1,122
2000 Total	1	271	66	35	7	108	805	1,185
2001 Total	1	259	66	33	7	106	805	1,171
2002 Total	1	265	63	34	4	101	835	1,203
2003 Total	1	276	68	34	5	108	847	1,232
2004 Total	1	264	67	32	6	106	856	1,227
2005 Total	1	262	62	32	6	101	897	1,261
2006 Total	1	237	52	28	5	85	869	1,191
2007 Total	1	257	53	31	3	86	897	1,241
2008 Total	NA	266	55	35	2	91	877	1,234
2009 Total	NA	259	43	35	2	79	819	1,157
2010 Total	NA	259	41	33	2	77	874	1,210
2011 Total	NA	255	38	31	1	71	823	1,149
2012 Total	NA	225	35	25	1	61	757	1,043
2013 Total	NA	267	36	29	1	66	768	1,100
2014 Total	NA	278	39	31	1	71	766	1,115
2015 Total	NA	253	40	28	1	69	714	1,037
2016 January	NA	48	4	3	(s)	7	65	120
February	NA	38	4	2	(s)	6	52	96
March	NA	25	3	2	(s)	5	41	71
April	NA	18	2	2	(s)	5	37	60
May	NA	11	2	2	(s)	4	43	58
June	NA	7	2	2	(s)	4	65	75
July	NA	6	2	2	(s)	4	84	93
August	NA	6	1	2	(s)	3	83	92
September	NA	6	2	2	(s)	4	64	74
October	NA	10	3	2	(s)	5	49	64
November	NA	21	3	2	(s)	5	43	69
December	NA	44	5	2	(s)	7	62	113
Total	NA	239	32	27	1	60	683	982
2017 January	NA	46	4	3	(s)	7	63	116
February	NA	32	3	2	(s)	6	44	81
March	NA	32	3	2	(s)	6	45	83
April	NA	15	2	2	(s)	5	39	59
May	NA	11	2	2	(s)	4	45	60
June	NA	7	2	2	(s)	4	58	69
July	NA	6	1	2	(s)	4	77	86
August	NA	6	2	2	(s)	4	70	80
September	NA	6	2	2	(s)	4	55	65
October	NA	11	2	2	(s)	4	46	62
November	NA	26	3	3	(s)	6	46	77
December	NA	45	5	3	(s)	7	60	112
Total	NA	242	32	28	1	61	645	948
2018 January	NA	54	6	3	(s)	9	73	135
February	NA	38	4	3	(s)	6	49	93
March	NA	36	3	3	(s)	6	45	87
April	NA	24	3	2	(s)	5	40	69
May	NA	9	2	2	(s)	4	47	60
June	NA	7	1	2	(s)	4	61	71
July	NA	6	1	2	(s)	4	77	86
August	NA	5	1	3	(s)	4	75	84
September	NA	6	1	2	(s)	4	61	71
9-Month Total	NA	184	22	23	1	45	527	756
2017 9-Month Total	NA	160	22	20	1	43	496	699
2016 9-Month Total	NA	164	22	20	1	42	533	740

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

^b Natural gas, excluding supplemental gaseous fuels.

^c Distillate fuel oil, excluding biodiesel.

^d Hydrocarbon gas liquids.

^e 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.

^f 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.