

**Table 11.2 Carbon Dioxide Emissions From Energy Consumption: Residential Sector**  
(Million Metric Tons of Carbon Dioxide<sup>a</sup>)

	Coal	Natural Gas <sup>b</sup>	Petroleum				Retail Electricity <sup>e</sup>	Total <sup>f</sup>
			Distillate Fuel Oil <sup>c</sup>	HGL <sup>d</sup>	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
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	1,235
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 Total	NA	239	32	27	1	60	683	982
2017 Total	NA	242	32	27	1	59	645	947
2018 January	NA	54	6	5	(s)	12	72	138
February	NA	38	4	4	(s)	8	48	94
March	NA	36	3	4	(s)	7	45	88
April	NA	24	3	3	(s)	6	39	69
May	NA	9	2	1	(s)	3	46	59
June	NA	7	1	1	(s)	2	60	69
July	NA	6	1	1	(s)	2	76	84
August	NA	5	1	1	(s)	2	74	81
September	NA	6	2	1	(s)	3	60	69
October	NA	14	3	2	(s)	6	48	67
November	NA	33	4	4	(s)	8	49	90
December	NA	42	6	5	(s)	10	57	110
Total	NA	R 275	37	32	1	70	671	1,016
2019 January	NA	R 53	5	5	(s)	11	62	125
February	NA	R 45	4	4	(s)	9	50	R 104
March	NA	38	4	4	(s)	8	47	93
April	NA	18	3	2	(s)	5	34	57
May	NA	12	2	2	(s)	4	41	R 57
June	NA	7	2	1	(s)	3	52	R 62
July	NA	6	2	1	(s)	3	72	81
August	NA	6	2	1	(s)	3	R 69	R 78
September	NA	6	1	1	(s)	3	58	66
October	NA	13	2	2	(s)	4	43	60
November	NA	32	4	4	(s)	8	44	R 85
December	NA	41	5	4	(s)	9	49	100
Total	NA	R 276	37	31	1	69	620	R 965
2020 January	NA	45	4	4	(s)	9	48	R 102
February	NA	40	3	4	(s)	8	42	R 90
March	NA	29	3	3	(s)	6	37	73
April	NA	21	3	3	(s)	5	33	59
May	NA	13	3	2	(s)	5	37	55
June	NA	7	2	1	(s)	3	52	63
July	NA	6	1	1	(s)	2	75	83
7-Month Total	NA	162	20	18	1	38	324	524
2019 7-Month Total	NA	178	21	19	(s)	41	359	578
2018 7-Month Total	NA	174	21	19	1	41	385	600

<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> 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 11.6.

<sup>f</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.