

Table 11.2 Carbon Dioxide Emissions From Energy Consumption: Residential Sector
(Million Metric Tons of Carbon Dioxide^a)

	Coal	Natural Gas ^b	Petroleum				Electricity ^e	Total ^f
			Distillate Fuel Oil ^c	HGL ^d	Kerosene	Total		
1973 Total	9	264	148	36	17	201	435	908
1975 Total	6	266	134	32	12	178	419	869
1980 Total	3	256	97	20	8	125	531	915
1985 Total	4	240	81	20	12	112	557	913
1990 Total	3	238	72	22	5	99	622	962
1995 Total	2	263	67	25	5	97	677	1,039
2000 Total	1	271	68	35	7	109	804	1,185
2005 Total	1	262	64	32	6	102	895	1,260
2006 Total	1	237	53	28	5	86	868	1,191
2007 Total	1	256	54	30	3	87	896	1,240
2008 Total	NA	266	56	35	2	92	877	1,234
2009 Total	NA	259	43	34	2	80	818	1,157
2010 Total	NA	259	42	33	2	77	874	1,210
2011 Total	NA	255	39	31	1	71	823	1,149
2012 Total	NA	225	36	25	1	61	757	1,043
2013 Total	NA	266	36	29	1	66	767	1,100
2014 Total	NA	278	40	31	1	71	766	1,115
2015 Total	NA	253	41	28	1	70	714	1,037
2016 Total	NA	238	32	27	1	60	683	981
2017 Total	NA	241	32	27	1	60	645	946
2018 Total	NA	274	38	32	1	70	672	1,015
2019 Total	NA	276	35	35	1	71	611	958
2020 Total	NA	256	30	31	1	62	571	890
2021 January	NA	49	5	5	(s)	10	56	115
February	NA	48	5	5	(s)	10	56	114
March	NA	31	4	3	(s)	7	41	80
April	NA	19	3	2	(s)	5	34	58
May	NA	12	2	2	(s)	4	39	55
June	NA	7	2	1	(s)	3	58	68
July	NA	6	1	1	(s)	2	71	80
August	NA	6	1	1	(s)	2	72	80
September	NA	6	2	1	(s)	3	53	63
October	NA	11	3	2	(s)	5	41	56
November	NA	26	3	3	(s)	7	38	71
December	NA	37	4	4	(s)	8	43	88
Total	NA	259	35	30	1	66	599	924
2022 January	NA	53	5	5	(s)	10	60	123
February	NA	43	6	4	(s)	10	49	102
March	NA	32	4	3	(s)	7	39	79
April	NA	21	3	2	(s)	5	34	60
May	NA	11	2	1	(s)	4	R 41	R 56
June	NA	7	2	1	(s)	3	R 55	R 65
July	NA	6	1	1	(s)	2	R 71	R 79
August	NA	6	1	1	(s)	2	68	76
September	NA	6	2	1	(s)	3	50	R 59
October	NA	13	3	2	(s)	5	R 37	R 55
November	NA	28	3	3	(s)	6	39	R 73
December	NA	46	4	5	(s)	9	R 54	R 108
Total	NA	272	R 36	31	1	R 67	R 592	R 931
2023 January	NA	44	5	4	(s)	10	R 49	R 102
February	NA	37	6	4	(s)	R 10	38	85
March	NA	35	4	4	(s)	8	38	80
April	NA	R 18	3	2	(s)	5	31	55
May	NA	11	2	2	(s)	4	35	R 49
June	NA	7	2	1	(s)	3	47	57
July	NA	6	1	1	(s)	2	68	76
August	NA	6	1	1	(s)	2	67	75
8-Month Total	NA	164	24	18	1	43	372	579
2022 8-Month Total	NA	179	24	20	(s)	44	416	638
2021 8-Month Total	NA	179	23	20	(s)	44	426	649

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

^f 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.