

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	914
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	1,261
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	1,016
2019 Total	NA	276	35	35	1	71	611	958
2020 Total	NA	256	30	31	1	62	571	890
2021 Total	NA	259	35	30	1	66	600	925
2022 January	NA	52	5	5	(s)	11	59	123
February	NA	43	6	4	(s)	10	48	102
March	NA	32	4	3	(s)	8	39	79
April	NA	21	3	3	(s)	5	34	60
May	NA	11	2	2	(s)	4	41	56
June	NA	7	2	1	(s)	3	55	65
July	NA	6	1	1	(s)	2	71	79
August	NA	6	1	1	(s)	2	68	75
September	NA	6	2	1	(s)	3	50	59
October	NA	13	3	2	(s)	5	37	55
November	NA	28	3	3	(s)	6	39	73
December	NA	46	4	5	(s)	9	54	108
Total	NA	272	36	32	1	68	591	931
2023 January	NA	44	5	5	(s)	10	48	102
February	NA	38	5	4	(s)	10	37	85
March	NA	35	4	4	(s)	8	38	80
April	NA	19	3	2	(s)	5	31	54
May	NA	11	2	2	(s)	4	34	49
June	NA	7	2	1	(s)	3	46	57
July	NA	6	1	1	(s)	2	67	75
August	NA	6	1	1	(s)	2	66	74
September	NA	6	2	1	(s)	3	49	59
October	NA	12	3	2	(s)	5	37	54
November	NA	27	3	3	(s)	6	37	71
December	NA	36	4	4	(s)	8	44	88
Total	NA	247	35	30	1	R 65	532	845
2024 January	NA	50	5	5	(s)	10	59	119
February	NA	35	5	4	(s)	9	38	82
March	NA	28	4	3	(s)	7	32	67
April	NA	17	2	2	(s)	5	29	52
May	NA	9	2	1	(s)	4	37	50
June	NA	7	2	1	(s)	3	52	61
July	NA	6	1	1	(s)	2	66	74
August	NA	6	1	1	(s)	2	63	71
September	NA	6	2	1	(s)	3	47	56
October	NA	11	2	2	(s)	4	37	52
November	NA	23	3	3	(s)	6	35	64
11-Month Total	NA	198	30	25	1	55	495	749
2023 11-Month Total	NA	211	31	26	1	57	490	759
2022 11-Month Total	NA	226	31	27	1	59	540	826

^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 and renewable diesel fuel.

^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 Through 2011, excludes emissions from biomass energy consumption. Beginning in 2012, excludes emissions from biomass energy consumption except small amounts of emissions from "other biofuels." See "Biomass" and "Other Biofuels" in Glossary. See Table 11.7 for energy-related carbon dioxide emissions from wood, biomass waste, fuel ethanol (minus denaturant), and biodiesel.

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. • Through 2011, data exclude emissions from biomass energy consumption; beginning in 2012, data exclude emissions from biomass energy consumption except small amounts of emissions from "other biofuels." See "Biomass" and "Other Biofuels" in Glossary. 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.