

**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				Electricity <sup>e</sup>	Total <sup>f</sup>
			Distillate Fuel Oil <sup>c</sup>	HGL <sup>d</sup>	Kerosene	Total		
<b>1973 Total</b> .....	9	264	148	36	17	201	435	908
<b>1975 Total</b> .....	6	266	134	32	12	178	419	869
<b>1980 Total</b> .....	3	256	97	20	8	125	531	915
<b>1985 Total</b> .....	4	240	81	20	12	112	557	913
<b>1990 Total</b> .....	3	238	72	22	5	99	622	962
<b>1995 Total</b> .....	2	263	67	25	5	97	677	1,039
<b>2000 Total</b> .....	1	271	68	35	7	109	804	1,185
<b>2005 Total</b> .....	1	262	64	32	6	102	895	1,260
<b>2010 Total</b> .....	NA	259	42	33	2	77	874	1,210
<b>2011 Total</b> .....	NA	255	39	31	1	71	823	1,149
<b>2012 Total</b> .....	NA	225	36	25	1	61	757	1,043
<b>2013 Total</b> .....	NA	266	36	29	1	66	767	1,100
<b>2014 Total</b> .....	NA	278	40	31	1	71	766	1,115
<b>2015 Total</b> .....	NA	253	41	28	1	70	714	1,037
<b>2016 Total</b> .....	NA	238	32	27	1	60	683	981
<b>2017 Total</b> .....	NA	241	32	27	1	60	645	946
<b>2018 Total</b> .....	NA	274	38	32	1	70	672	1,016
<b>2019 Total</b> .....	NA	276	35	35	1	71	611	958
<b>2020 Total</b> .....	NA	256	30	31	1	62	571	890
<b>2021 Total</b> .....	NA	259	35	30	1	66	600	925
<b>2022 January</b> .....	NA	53	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	53	108
<b>Total</b> .....	NA	272	36	32	1	68	591	931
<b>2023 January</b> .....	NA	44	5	5	(s)	10	48	102
February .....	NA	37	5	4	(s)	10	38	85
March .....	NA	35	4	4	(s)	8	38	80
April .....	NA	18	3	2	(s)	5	31	55
May .....	NA	11	2	2	(s)	4	34	49
June .....	NA	7	2	1	(s)	3	47	57
July .....	NA	6	1	1	(s)	2	67	76
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
<b>Total</b> .....	NA	246	35	30	1	66	535	847
<b>2024 January</b> .....	NA	50	5	5	(s)	10	59	119
February .....	NA	35	5	4	(s)	9	38	83
March .....	NA	28	4	3	(s)	7	32	67
April .....	NA	17	3	2	(s)	5	30	52
<b>4-Month Total</b> .....	NA	131	17	15	(s)	32	159	322
<b>2023 4-Month Total</b> .....	NA	134	17	15	1	32	155	322
<b>2022 4-Month Total</b> .....	NA	149	17	16	(s)	33	180	363

<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 and renewable diesel fuel.

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

<sup>f</sup> 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.