

Table 11.1 Carbon Dioxide Emissions From Energy Consumption by Source
(Million Metric Tons of Carbon Dioxide^a)

	Coal ^b	Natural Gas ^c	Petroleum										Total	Total ^{h,i}
			Aviation Gasoline	Distillate Fuel Oil ^d	HGL ^e	Jet Fuel	Kero-sene	Lubri-cants	Motor Gasoline ^f	Petroleum Coke	Residual Fuel Oil	Other ^g		
1973 Total	1,221	1,175	6	485	80	154	33	13	911	55	486	102	2,325	4,721
1975 Total	1,195	1,043	5	447	73	146	24	11	911	52	424	97	2,190	4,428
1980 Total	1,454	1,058	4	451	78	156	24	13	901	50	433	134	2,244	4,757
1985 Total	1,655	927	3	450	82	178	17	12	933	56	207	86	2,024	4,606
1990 Total	1,820	1,027	3	475	75	223	6	13	988	72	212	119	2,185	5,038
1995 Total	1,912	1,186	3	504	90	222	8	13	1,042	78	147	111	2,217	5,325
2000 Total	2,155	1,246	3	592	106	259	10	14	1,141	85	157	111	2,477	5,889
2005 Total	2,180	1,183	2	653	92	251	11	12	1,205	110	159	140	2,633	6,008
2010 Total	1,986	1,292	2	591	84	214	3	11	1,107	81	92	119	2,304	5,594
2011 Total	1,876	1,312	2	600	79	213	2	10	1,074	78	79	118	2,255	5,455
2012 Total	1,658	1,372	2	577	76	210	1	9	1,066	78	64	114	2,195	5,236
2013 Total	1,718	1,408	2	581	85	214	1	10	1,077	77	55	120	2,221	5,359
2014 Total	1,713	1,438	2	614	86	220	1	10	1,085	77	44	112	2,252	5,414
2015 Total	1,482	1,479	1	606	86	231	1	11	1,114	77	45	116	2,290	5,262
2016 Total	1,355	1,490	1	583	83	242	1	11	1,134	77	56	124	2,312	5,169
2017 Total	1,318	1,471	1	591	86	251	1	10	1,131	71	59	130	2,332	5,131
2018 Total	1,263	1,627	2	626	98	255	1	10	1,131	73	55	127	2,377	5,278
2019 Total	1,078	1,685	2	621	107	261	1	9	1,128	67	47	131	2,374	5,147
2020 Total	876	1,655	1	572	105	161	1	8	977	58	36	123	2,044	4,585
2021 Total	1,003	1,656	1	611	111	205	1	9	1,067	60	54	116	2,235	4,906
2022 Total	938	1,748	2	619	97	233	1	9	1,065	58	57	111	2,251	4,945
2023 Total	776	1,764	1	602	96	247	2	7	1,081	57	47	110	2,251	4,799
2024 January	83	203	(s)	50	12	19	(s)	1	85	4	4	9	185	472
February	54	161	(s)	48	9	18	(s)	(s)	83	3	4	8	174	389
March	47	152	(s)	48	9	21	(s)	1	92	3	4	9	187	386
April	44	130	(s)	48	7	21	(s)	1	88	6	5	9	185	359
May	54	126	(s)	49	7	22	(s)	1	96	6	4	10	195	376
June	68	131	(s)	46	6	22	(s)	1	92	4	4	9	184	384
July	79	149	(s)	48	6	23	(s)	1	96	6	4	9	194	422
August	77	147	(s)	51	7	23	(s)	1	95	4	4	10	194	419
September	63	131	(s)	47	7	21	(s)	1	89	4	3	9	180	374
October	56	131	(s)	54	8	22	(s)	1	93	4	5	9	195	383
November	54	147	(s)	47	9	21	(s)	(s)	88	4	4	9	181	383
December	71	182	(s)	49	11	22	(s)	(s)	90	3	4	9	188	442
Total	751	1,790	2	585	98	253	1	6	1,088	51	51	107	2,241	4,789
2025 January	89	213	(s)	53	13	21	(s)	(s)	87	6	5	9	195	497
February	70	175	(s)	47	10	18	(s)	(s)	80	2	4	8	170	416
March	57	149	(s)	51	9	21	(s)	(s)	90	3	4	9	188	394
April	52	128	(s)	49	7	22	(s)	1	88	5	4	8	185	366
May	56	125	(s)	50	7	22	(s)	1	93	6	3	9	191	373
June	72	131	(s)	50	6	23	(s)	1	92	5	4	9	190	393
July	87	147	(s)	50	7	23	(s)	1	94	5	5	10	195	430
August	78	143	(s)	49	7	23	(s)	1	95	4	4	10	193	414
September	66	131	(s)	49	7	20	(s)	1	89	3	5	9	184	382
October	62	132	(s)	53	8	23	(s)	1	91	4	5	9	193	388
November	62	151	(s)	48	9	21	(s)	1	86	2	5	8	181	394
December	73	190	(s)	50	11	22	(s)	1	90	4	6	9	193	456
Total	826	1,814	2	601	101	258	2	7	1,075	51	54	107	2,257	4,904
2026 January	78	205	(s)	53	13	21	(s)	1	85	5	4	9	191	476
February	62	169	(s)	50	10	19	(s)	1	80	5	5	8	178	409
March	52	150	(s)	51	8	21	(s)	1	91	5	4	9	190	393
April	46	129	(s)	49	7	22	(s)	1	91	3	5	9	187	363
May	52	127	(s)	47	7	22	(s)	1	88	6	4	9	184	364
5-Month Total	290	780	1	250	45	105	1	4	434	24	23	44	931	2,004
2025 5-Month Total	325	790	1	251	46	103	1	3	439	23	21	43	929	2,046
2024 5-Month Total	282	771	1	244	44	102	1	3	445	22	21	44	925	1,982

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

^b Includes coal coke net imports.

^c Natural gas, excluding supplemental gaseous fuels.

^d Distillate fuel oil, excluding biodiesel and renewable diesel fuel.

^e Hydrocarbon gas liquids.

^f Finished motor gasoline, excluding fuel ethanol.

^g Aviation gasoline blending components, crude oil, motor gasoline blending components, petrochemical feedstocks, special naphthas, still gas, unfinished oils, waxes, and miscellaneous petroleum products.

^h Includes electric power sector use of geothermal energy and non-biomass waste. See Table 11.6.

ⁱ 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.

(s)=Less than 0.5 million metric tons.

Notes: • Data are estimates for carbon dioxide emissions from energy consumption, plus the relatively small amount of emissions from the non-combustion use of fossil fuels. 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.