

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	4,756
1985 Total	1,655	927	3	450	82	178	17	12	933	56	207	86	2,024	4,605
1990 Total	1,820	1,026	3	475	75	223	6	13	988	72	212	119	2,185	5,038
1995 Total	1,912	1,185	3	504	90	222	8	13	1,042	77	147	111	2,216	5,324
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	1,182	2	653	92	251	11	12	1,205	110	159	140	2,633	6,007
2006 Total	2,146	1,170	2	658	86	244	8	11	1,217	106	119	151	2,602	5,929
2007 Total	2,171	1,245	2	657	90	242	5	12	1,209	99	125	147	2,587	6,016
2008 Total	2,139	1,255	2	619	89	231	2	11	1,134	94	107	130	2,418	5,823
2009 Total	1,875	1,233	2	563	86	208	3	10	1,127	87	88	111	2,283	5,404
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	75	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	2,251	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	2,313	5,170
2017 Total	1,318	1,471	1	591	85	251	1	10	1,131	71	59	130	2,331	5,131
2018 Total	1,263	1,626	2	626	98	255	1	10	1,131	73	55	127	2,377	5,277
2019 Total	1,078	1,684	2	621	107	261	1	9	1,128	67	47	131	2,374	5,146
2020 January	75	180	(s)	52	11	21	(s)	1	90	5	3	11	194	450
February	66	166	(s)	49	9	19	(s)	1	87	5	3	12	185	418
March	61	147	(s)	51	10	18	(s)	1	80	5	1	13	179	387
April	49	122	(s)	44	7	8	(s)	1	59	3	1	10	133	305
May	55	112	(s)	44	7	8	(s)	1	74	4	1	11	150	317
June	73	115	(s)	43	6	10	(s)	1	82	4	3	10	159	348
July	97	133	(s)	46	7	12	(s)	1	87	5	5	10	173	403
August	98	129	(s)	47	7	13	(s)	1	88	7	4	10	177	406
September	77	116	(s)	47	8	11	(s)	1	85	6	5	8	170	364
October	69	125	(s)	52	9	13	(s)	1	86	4	4	8	176	371
November	69	132	(s)	48	10	14	(s)	1	79	6	3	9	170	372
December	86	172	(s)	50	13	15	(s)	1	80	5	3	10	176	436
Total	875	1,648	1	572	104	161	1	8	977	58	36	123	2,043	4,577
2021 January	90	178	(s)	52	13	14	(s)	1	79	5	4	8	175	445
February	95	165	(s)	47	10	13	(s)	1	72	3	3	7	156	416
March	71	141	(s)	53	10	15	(s)	1	88	4	4	11	186	400
April	62	121	(s)	50	8	16	(s)	1	88	4	2	12	181	365
May	72	113	(s)	51	8	17	(s)	1	94	6	4	10	190	376
June	94	120	(s)	50	8	18	(s)	1	92	6	5	9	188	403
July	110	129	(s)	48	7	19	(s)	1	96	4	5	9	188	428
August	109	130	(s)	51	8	20	(s)	1	94	7	5	10	195	436
September	88	114	(s)	51	8	18	(s)	1	89	5	5	9	186	389
October	73	121	(s)	51	8	18	(s)	1	92	5	6	11	191	385
November	67	144	(s)	53	10	18	(s)	1	89	5	6	8	191	403
December	70	161	(s)	51	12	19	(s)	1	92	6	6	9	196	428
Total	1,001	1,637	1	607	110	205	1	8	1,064	60	54	113	2,224	4,873
2022 January	96	^R 194	(s)	53	13	18	(s)	1	82	5	5	10	188	479
February	80	165	(s)	49	11	16	(s)	1	80	3	5	11	176	422
March	70	149	(s)	54	10	19	(s)	1	91	5	6	11	198	418
3-Month Total	246	508	(s)	157	34	53	(s)	2	253	13	16	32	562	1,319
2021 3-Month Total	256	485	(s)	151	33	42	1	2	239	12	11	27	517	1,260
2020 3-Month Total	202	492	(s)	152	30	58	1	2	257	14	7	36	558	1,255

^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.

^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 Excludes emissions from biomass energy consumption. See Table 11.7.

R=Revised. (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. • 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.