

Table 12.1 Carbon Dioxide Emissions From Energy Consumption by Source
(Million Metric Tons of Carbon Dioxide^a)

	Coal ^b	Natural Gas ^c	Petroleum										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		Total
1973 Total	1,207	1,178	6	480	93	155	32	13	911	54	508	99	2,350	4,735
1975 Total	1,181	1,046	5	443	84	146	24	11	911	51	443	95	2,212	4,439
1980 Total	1,436	1,061	4	446	98	156	24	13	900	49	453	131	2,275	4,771
1985 Total	1,638	926	3	445	97	178	17	12	930	54	216	83	2,036	4,600
1990 Total	1,821	1,024	3	470	79	223	6	13	988	70	220	115	2,187	5,039
1995 Total	1,913	1,183	3	498	93	222	8	13	1,045	76	152	107	2,216	5,323
1996 Total	1,995	1,204	3	524	99	232	9	12	1,063	79	152	125	2,300	5,510
1997 Total	2,040	1,210	3	534	100	234	10	13	1,075	80	142	132	2,323	5,584
1998 Total	2,064	1,189	2	537	94	238	12	14	1,107	93	158	117	2,372	5,635
1999 Total	2,062	1,193	3	555	103	245	11	14	1,128	96	148	119	2,422	5,688
2000 Total	2,155	1,243	3	579	108	254	10	14	1,136	86	163	107	2,459	5,868
2001 Total	2,088	1,188	2	597	98	243	11	13	1,152	89	144	125	2,474	5,761
2002 Total	2,095	1,227	2	586	100	237	6	12	1,183	96	125	122	2,470	5,804
2003 Total	2,136	1,193	2	610	95	231	8	11	1,187	96	138	134	2,513	5,853
2004 Total	2,160	1,200	2	632	95	240	10	12	1,210	107	155	136	2,598	5,970
2005 Total	2,182	1,183	2	639	92	246	10	12	1,209	106	165	135	2,617	5,993
2006 Total	2,147	1,167	2	645	86	240	8	11	1,217	106	122	147	2,584	5,910
2007 Total	2,172	1,241	2	647	90	238	5	12	1,211	100	128	143	2,576	6,000
2008 Total	2,140	1,248	2	610	86	226	2	11	1,143	93	110	126	2,409	5,809
2009 Total	1,876	1,225	2	559	83	204	3	10	1,129	87	90	107	2,273	5,386
2010 Total	1,986	1,286	2	585	85	210	3	11	1,112	82	93	115	2,299	5,582
2011 Total	1,876	1,305	2	599	80	209	2	10	1,078	79	79	115	2,252	5,445
2012 Total	1,657	1,363	2	574	84	206	1	9	1,071	79	65	110	2,200	5,232
2013 Total	1,718	1,400	2	581	92	210	1	10	1,087	77	56	115	2,231	5,361
2014 Total	1,713	1,430	2	614	86	216	1	10	1,095	76	45	107	2,252	5,406
2015 January	143	169	(s)	54	9	17	(s)	1	90	7	4	8	192	504
February	134	159	(s)	53	8	16	(s)	1	83	4	3	9	177	470
March	118	140	(s)	53	8	19	(s)	1	94	7	4	8	195	455
April	99	108	(s)	50	7	18	(s)	1	93	7	2	9	187	395
May	115	100	(s)	49	6	19	(s)	1	96	7	4	11	194	410
June	137	103	(s)	49	7	20	(s)	1	95	7	3	10	192	432
July	151	112	(s)	50	7	21	(s)	1	99	7	5	11	201	465
August	145	111	(s)	50	7	20	(s)	1	99	8	4	9	198	456
September	129	103	(s)	51	6	18	(s)	1	94	5	4	8	187	419
October	108	107	(s)	52	8	20	(s)	1	96	6	4	7	193	410
November	100	122	(s)	47	7	18	(s)	1	92	5	4	9	184	406
December	102	140	(s)	49	9	20	(s)	1	95	5	5	10	195	438
Total	1,480	1,473	1	607	91	227	1	11	1,126	76	46	109	2,295	5,259
2016 January	123	168	(s)	R 50	10	18	(s)	1	90	R 7	5	9	189	R 482
February	102	144	(s)	48	8	18	(s)	1	90	6	3	12	R 186	R 433
March	83	127	(s)	51	8	19	(s)	1	98	7	R 5	9	198	409
April	81	113	(s)	R 47	7	19	(s)	1	93	5	7	10	188	382
May	92	106	(s)	48	7	R 20	(s)	1	98	5	5	9	192	391
June	125	108	(s)	48	6	21	(s)	1	97	4	R 5	9	R 191	R 426
July	145	118	(s)	46	7	21	(s)	1	100	6	R 6	9	196	R 461
August	144	119	(s)	50	7	21	(s)	1	R 101	8	5	11	R 203	R 468
September	123	105	(s)	49	7	20	(s)	1	96	5	4	10	R 190	R 420
October	109	104	(s)	R 51	7	20	(s)	1	95	6	5	10	196	R 410
November	97	117	(s)	49	7	20	(s)	1	93	9	R 4	9	R 191	R 406
December	128	155	(s)	52	9	21	(s)	1	R 96	7	5	10	201	486
Total	1,354	1,485	1	589	89	R 237	1	11	R 1,145	R 76	R 58	R 116	R 2,324	R 5,174
2017 January	126	156	(s)	49	10	20	(s)	1	88	8	7	9	192	475
February	97	125	(s)	45	8	17	(s)	1	84	4	4	8	172	395
March	99	135	(s)	54	8	21	(s)	1	98	3	5	11	200	436
April	90	103	(s)	47	7	19	(s)	1	93	6	5	11	189	383
May	102	101	(s)	51	7	21	(s)	1	100	6	6	10	201	405
June	117	101	(s)	49	6	21	(s)	1	98	5	6	10	197	416
6-Month Total	630	722	1	295	45	119	(s)	5	562	32	32	59	1,151	2,509
2016 6-Month Total	606	766	1	292	45	115	(s)	6	565	35	29	58	1,145	2,524
2015 6-Month Total	745	779	1	308	46	110	1	6	552	39	20	55	1,137	2,666

^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 12.6.
ⁱ Excludes emissions from biomass energy consumption. See Table 12.7.

R=Revised. (s)=Less than 0.5 million metric tons.
 Notes: • Data are estimates for carbon dioxide emissions from energy consumption, including the nonfuel use of fossil fuels. See "Section 12 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 12.7 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.

This table has been modified. The column for "HGL" has replaced that for "LPG." Data for natural gasoline (pentanes plus) have been moved from "Other" to "HGL."