

Table 12.6 Carbon Dioxide Emissions From Energy Consumption: Electric Power Sector
(Million Metric Tons of Carbon Dioxide^a)

	Coal	Natural Gas ^b	Petroleum				Geo-thermal	Non-Biomass Waste ^d	Total ^e
			Distillate Fuel Oil ^c	Petroleum Coke	Residual Fuel Oil	Total			
1973 Total	812	199	20	2	254	276	NA	NA	1,286
1975 Total	824	172	17	(s)	231	248	NA	NA	1,244
1980 Total	1,137	200	12	1	194	207	NA	NA	1,544
1985 Total	1,367	166	6	1	79	86	NA	NA	1,619
1990 Total	1,548	176	7	3	92	102	(s)	6	1,831
1995 Total	1,661	228	8	8	45	61	(s)	10	1,960
1996 Total	1,752	205	8	8	50	66	(s)	10	2,033
1997 Total	1,797	219	8	10	56	75	(s)	10	2,101
1998 Total	1,828	248	10	13	82	105	(s)	10	2,192
1999 Total	1,836	260	10	11	76	97	(s)	10	2,204
2000 Total	1,927	281	13	10	69	91	(s)	10	2,310
2001 Total	1,870	290	12	11	79	102	(s)	11	2,273
2002 Total	1,890	306	9	18	52	79	(s)	13	2,288
2003 Total	1,931	278	12	18	69	98	(s)	11	2,319
2004 Total	1,943	297	8	22	69	99	(s)	11	2,350
2005 Total	1,984	319	8	24	69	101	(s)	11	2,416
2006 Total	1,954	338	5	21	28	55	(s)	12	2,358
2007 Total	1,987	372	6	17	31	54	(s)	11	2,425
2008 Total	1,959	362	5	15	19	39	(s)	12	2,373
2009 Total	1,741	373	5	13	14	33	(s)	11	2,158
2010 Total	1,828	399	6	14	12	32	(s)	11	2,270
2011 Total	1,723	409	5	14	7	26	(s)	11	2,170
2012 Total	1,511	493	4	9	6	19	(s)	11	2,034
2013 Total	1,571	444	4	13	6	23	(s)	11	2,050
2014 Total	1,569	444	6	12	7	26	(s)	11	2,050
2015 Total	1,350	527	5	11	7	24	(s)	11	1,913
2016 January	114	42	1	1	1	2	(s)	1	159
February	93	38	(s)	1	1	2	(s)	1	133
March	73	41	(s)	1	(s)	2	(s)	1	117
April	72	39	(s)	1	(s)	2	(s)	1	114
May	82	44	(s)	1	(s)	2	(s)	1	129
June	116	53	(s)	1	(s)	2	(s)	1	172
July	136	62	(s)	1	1	2	(s)	1	201
August	135	63	(s)	1	1	2	(s)	1	201
September	114	50	(s)	1	(s)	2	(s)	1	167
October	100	41	(s)	1	(s)	1	(s)	1	143
November	88	36	(s)	1	(s)	2	(s)	1	127
December	119	37	(s)	1	(s)	2	(s)	1	158
Total	1,241	547	4	12	6	22	(s)	11	1,821
2017 January	115	36	(s)	1	(s)	2	(s)	1	154
February	87	31	(s)	1	(s)	1	(s)	1	121
March	89	37	(s)	1	(s)	1	(s)	1	128
April	80	34	(s)	(s)	(s)	1	(s)	1	117
May	92	38	(s)	1	(s)	2	(s)	1	133
June	107	47	(s)	1	(s)	2	(s)	1	156
July	127	59	(s)	1	(s)	2	(s)	1	189
August	119	56	(s)	1	(s)	2	(s)	1	178
September	99	47	(s)	1	(s)	1	(s)	1	149
October	91	42	(s)	1	(s)	1	(s)	1	135
November	92	36	(s)	1	(s)	1	(s)	1	131
December	106	43	1	1	1	2	(s)	1	152
Total	1,206	507	4	10	5	19	(s)	11	1,743
2018 January	117	43	2	1	2	5	(s)	1	166
February	83	38	(s)	1	(s)	1	(s)	1	124
March	81	41	(s)	1	(s)	1	(s)	1	124
April	74	39	(s)	1	(s)	1	(s)	1	115
May	86	47	(s)	(s)	(s)	1	(s)	1	135
June	102	52	(s)	1	(s)	2	(s)	1	156
July	116	67	(s)	1	(s)	2	(s)	1	186
August	116	66	(s)	1	(s)	2	(s)	1	184
September	98	57	(s)	1	(s)	2	(s)	1	158
9-Month Total	871	450	4	7	5	17	(s)	8	1,347
2017 9-Month Total	916	385	3	8	4	14	(s)	8	1,324
2016 9-Month Total	934	433	3	10	4	17	(s)	8	1,393

^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.

^d Municipal solid waste from non-biogenic sources, and tire-derived fuels. Through 1994, also includes blast furnace gas, and other manufactured and waste gases derived from fossil fuels.

^e Excludes emissions from biomass energy consumption. See Table 12.7.

NA=Not available. (s)=Less than 0.5 million metric tons.

Notes: • Data are estimates for carbon dioxide emissions from energy

consumption. 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.