

Table 7.3a Consumption of Combustible Fuels for Electricity Generation: Total (All Sectors) (Sum of Tables 7.3b and 7.3c)

	Petroleum						Natural Gas ^f	Other Gases ^g	Biomass		Other ^j
	Coal ^a	Distillate Fuel Oil ^b	Residual Fuel Oil ^c	Other Liquids ^d	Petroleum Coke ^e	Total ^e			Wood ^h	Waste ⁱ	
	Thousand Short Tons	Thousand Barrels			Thousand Short Tons	Thousand Barrels			Billion Cubic Feet	Trillion Btu	
1950 Total	91,871	5,423	69,998	NA	NA	75,421	629	NA	5	NA	NA
1955 Total	143,759	5,412	69,862	NA	NA	75,274	1,153	NA	3	NA	NA
1960 Total	176,685	3,824	84,371	NA	NA	88,195	1,725	NA	2	NA	NA
1965 Total	244,788	4,928	110,274	NA	NA	115,203	2,321	NA	3	NA	NA
1970 Total	320,182	24,123	311,381	NA	636	338,686	3,932	NA	1	2	NA
1975 Total	405,962	38,907	467,221	NA	70	506,479	3,158	NA	(s)	2	NA
1980 Total	569,274	29,051	391,163	NA	179	421,110	3,682	NA	3	2	NA
1985 Total	693,841	14,635	158,779	NA	231	174,571	3,044	NA	8	7	NA
1990 Total ^k	792,457	18,143	190,652	437	1,914	218,800	3,692	112	442	211	36
1995 Total	860,594	19,615	95,507	680	3,355	132,578	4,738	133	480	316	42
2000 Total	994,933	31,675	143,381	1,450	3,744	195,228	5,691	126	496	330	46
2001 Total	972,691	31,150	165,312	855	3,871	216,672	5,832	97	486	228	160
2002 Total	987,583	23,286	109,235	1,894	6,836	168,597	6,126	131	605	257	191
2003 Total	1,014,058	29,672	142,518	2,947	6,303	206,653	5,616	156	519	249	193
2004 Total	1,020,523	20,163	142,088	2,856	7,677	203,494	5,675	135	344	230	183
2005 Total	1,041,448	20,651	141,518	2,968	8,330	206,785	6,036	110	355	230	173
2006 Total	1,030,556	13,174	58,473	2,174	7,363	110,634	6,462	115	350	241	172
2007 Total	1,046,795	15,683	63,833	2,917	6,036	112,615	7,089	115	353	245	168
2008 Total	1,042,335	12,832	38,191	2,822	5,417	80,932	6,896	97	339	267	172
2009 Total	934,683	12,658	28,576	2,328	4,821	67,668	7,121	84	320	272	170
2010 Total	979,684	14,050	23,997	2,056	4,994	65,071	7,680	90	350	281	184
2011 Total	934,938	11,231	14,251	1,844	5,012	52,387	7,884	91	348	279	205
2012 Total	825,734	9,285	11,755	1,565	3,675	40,977	9,485	103	390	290	204
2013 Total	860,729	9,784	11,766	1,681	4,852	47,492	8,596	115	398	298	200
2014 Total	853,634	14,465	14,704	2,363	4,412	53,593	8,544	110	431	314	200
2015											
January	71,384	1,294	1,718	281	402	5,301	745	10	36	25	17
February	67,136	3,732	4,102	755	413	10,655	676	8	33	22	15
March	58,367	851	805	129	275	3,160	736	8	34	25	16
April	48,543	638	762	122	300	3,020	692	8	31	25	16
May	57,153	841	714	143	339	3,394	766	9	32	26	17
June	68,982	785	823	137	306	3,277	922	9	34	26	17
July	76,570	741	1,091	163	409	4,039	1,084	10	37	29	19
August	73,810	706	961	134	388	3,740	1,065	10	37	28	18
September	64,823	643	830	183	376	3,538	930	9	34	26	17
October	53,659	636	759	146	300	3,041	825	7	31	26	17
November	48,943	804	840	76	260	3,019	767	7	33	27	17
December	50,224	768	718	94	276	2,961	807	9	35	28	18
Total	739,594	12,438	14,124	2,363	4,044	49,145	10,017	106	407	313	204
2016											
January	61,983	1,258	1,049	165	342	4,179	786	7	32	25	17
February	50,516	920	1,131	178	330	3,877	702	6	31	24	15
March	39,864	698	678	119	362	3,306	758	6	30	25	16
April	39,065	644	687	90	382	3,330	735	6	25	26	16
May	45,032	808	752	102	370	3,514	819	6	27	26	17
June	63,186	707	864	123	380	3,594	986	6	30	25	17
July	74,132	810	1,348	129	400	4,289	1,158	6	32	26	18
August	73,798	769	1,274	187	419	4,325	1,168	6	31	26	18
September	62,335	640	856	124	376	3,500	932	6	34	25	17
October	54,537	636	929	64	250	2,879	761	5	28	24	16
November	48,076	830	734	107	307	3,204	679	6	29	26	16
December	64,847	943	893	159	336	3,672	686	6	32	27	17
Total	677,371	9,662	11,195	1,548	4,253	43,671	10,170	74	360	305	199
2017											
January	R 63,394	959	853	R 165	355	R 3,752	664	6	32	26	15
February	R 47,878	734	735	100	263	R 2,883	R 573	7	30	23	14
March	R 48,700	817	750	107	R 273	R 3,037	R 693	7	33	25	15
April	R 44,216	R 878	735	106	153	2,283	R 640	7	29	23	15
May	R 50,843	R 802	846	105	320	R 3,352	R 723	7	30	24	15
June	R 58,884	676	914	149	341	R 3,444	R 871	7	32	25	16
July	R 69,775	691	814	348	R 332	R 3,515	R 1,092	7	34	25	17
August	R 65,801	666	931	127	R 282	R 3,136	R 1,049	7	34	25	17
September	R 54,702	R 758	827	137	R 262	R 3,033	R 876	6	R 29	24	R 14
October	R 50,129	R 766	853	111	R 221	R 2,833	R 794	6	32	24	14
November	R 50,864	742	R 736	140	267	R 2,951	R 679	7	31	24	15
December	58,292	1,439	1,422	197	280	4,460	785	6	33	25	16
Total	663,479	9,727	10,415	1,792	3,349	38,679	9,441	80	380	293	182

^a Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal synfuel.

^b Fuel oil nos. 1, 2, and 4. For 1949–1979, data are for gas turbine and internal combustion plant use of petroleum. For 1980–2000, electric utility data also include small amounts of kerosene and jet fuel.

^c Fuel oil nos. 5 and 6. For 1949–1979, data are for steam plant use of petroleum. For 1980–2000, electric utility data also include a small amount of fuel oil no. 4.

^d Jet fuel, kerosene, other petroleum liquids, waste oil, and, beginning in 2011, propane.

^e Petroleum coke is converted from short tons to barrels by multiplying by 5.

^f Natural gas, plus a small amount of supplemental gaseous fuels.

^g Blast furnace gas, and other manufactured and waste gases derived from fossil fuels. Through 2010, also includes propane gas.

^h Wood and wood-derived fuels.

ⁱ Municipal solid waste from biogenic sources, landfill gas, sludge waste, agricultural byproducts, and other biomass. Through 2000, also includes non-renewable waste (municipal solid waste from non-biogenic sources, and

tire-derived fuels).

^j Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, miscellaneous technologies, and, beginning in 2001, non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).

^k Through 1988, data are for electric utilities only. Beginning in 1989, data are for electric utilities, independent power producers, commercial plants, and industrial plants.

R=Revised. NA=Not available. (s)=Less than 0.5 trillion Btu.

Notes: • Data are for utility-scale facilities. See Note 1, "Coverage of Electricity Statistics," at end of section. • Data are for fuels consumed to produce electricity. Data also include fuels consumed to produce useful thermal output at a small number of electric utility combined-heat-and-power (CHP) plants. • 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/#electricity> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: See "Table 7.3b Sources" at end of section and sources for Table 7.3c.