

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

	Coal ^a	Petroleum					Natural Gas ^f	Other Gases ^g	Biomass		Other ^j
		Distillate Fuel Oil ^b	Residual Fuel Oil ^c	Other Liquids ^d	Petroleum Coke ^e	Total ^e			Wood ^h	Waste ⁱ	
		Thousand Barrels			Thousand Short Tons	Thousand Barrels			Trillion Btu		
Thousand Short Tons						Billion Cubic Feet					
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
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 Total	739,594	12,438	14,124	2,363	4,044	49,145	10,017	106	407	313	204
2016 Total	677,371	9,662	11,195	1,548	4,253	43,671	10,170	74	360	305	199
2017 Total	663,911	9,707	10,442	1,547	3,490	39,144	9,508	71	364	304	190
2018 Total	636,213	14,223	12,407	1,985	3,623	46,727	10,842	79	362	298	190
2019 Total	537,620	9,620	9,251	1,965	2,724	34,454	11,613	72	338	267	199
2020 Total	435,351	7,991	8,299	1,719	3,077	33,391	11,928	70	318	262	193
2021 January	45,095	739	829	160	282	3,137	889	6	29	22	16
February	47,821	1,899	844	246	274	4,358	801	5	26	19	14
March	34,416	710	642	137	260	2,787	761	5	27	22	16
April	29,995	780	587	134	173	2,367	779	5	24	20	15
May	35,613	779	640	106	220	2,624	835	5	27	21	15
June	47,913	845	705	175	195	2,702	1,111	5	28	21	16
July	56,262	734	727	171	278	3,021	1,267	6	30	21	16
August	56,131	891	1,068	235	299	3,688	1,289	6	30	21	16
September	44,291	714	860	165	255	3,017	1,011	6	27	21	16
October	35,574	770	725	159	252	2,966	963	6	25	20	15
November	32,788	820	666	162	325	3,270	892	5	26	20	15
December	34,469	942	705	162	247	3,044	904	5	28	21	16
Total	500,367	10,623	8,998	2,012	3,070	36,982	11,503	65	328	250	187
2022 January	48,491	2,605	2,168	246	220	6,118	984	5	27	20	15
February	39,703	912	748	151	238	3,002	835	5	28	18	14
March	34,129	844	719	143	193	2,671	803	5	27	20	15
April	30,634	682	582	119	205	2,410	770	5	23	19	14
May	34,866	822	682	70	271	2,932	947	6	26	20	15
June	41,533	877	646	153	268	3,014	1,166	6	29	20	15
July	49,235	911	789	177	209	2,923	1,420	6	31	20	15
August	48,108	915	764	187	231	3,019	1,399	6	30	19	14
September	37,106	767	866	155	262	3,098	1,144	6	26	19	14
October	31,313	767	894	165	240	3,028	973	5	23	19	14
November	32,169	778	784	142	242	2,914	928	5	25	19	14
December	41,491	4,473	1,712	792	307	8,511	1,016	6	27	19	14
Total	468,779	15,354	11,353	2,500	2,887	43,640	12,385	66	322	232	171
2023 January	34,523	822	803	196	140	2,522	992	5	27	20	14
February	26,689	773	1,059	155	128	2,629	893	5	23	17	12
March	28,400	784	797	173	114	2,323	953	5	23	18	13
April	22,623	725	749	145	104	2,140	886	4	19	17	12
May	25,378	821	748	230	99	2,295	1,018	5	24	19	14
5-Month Total	137,614	3,925	4,156	900	586	11,909	4,741	25	116	91	65
2022 5-Month Total	187,822	5,865	4,898	729	1,128	17,133	4,340	26	131	97	72
2021 5-Month Total	192,939	4,907	3,541	783	1,209	15,274	4,065	26	134	105	76

^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.

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: Tables 7.3b and 7.3c.