

Table 1.3 Energy Consumption by Source, Selected Years, 1949-2003
(Quadrillion Btu)

Year	Fossil Fuels					Nuclear Electric Power	Hydro-electric Pumped Storage ⁵	Renewable Energy ¹						Electricity Net Imports	Total ^{4,6}
	Coal	Coal Coke Net Imports	Natural Gas ²	Petroleum ^{3,4}	Total			Conventional Hydroelectric Power	Wood, Waste, Alcohol ^{4,6}	Geothermal	Solar	Wind	Total		
1949	11.981	-0.007	5.145	11.883	29.002	0.000	(⁷)	1.425	1.549	NA	NA	NA	2.974	0.005	31.982
1950	12.347	0.001	5.968	13.315	31.632	0.000	(⁷)	1.415	1.562	NA	NA	NA	2.978	0.006	34.616
1955	11.167	-0.010	8.998	17.255	37.410	0.000	(⁷)	1.360	1.424	NA	NA	NA	2.784	0.014	40.208
1960	9.838	-0.006	12.385	19.919	42.137	0.006	(⁷)	1.608	1.320	0.001	NA	NA	2.929	0.015	45.087
1965	11.581	-0.018	15.769	23.246	50.577	0.043	(⁷)	2.059	1.335	0.004	NA	NA	3.398	(s)	54.017
1970	12.265	-0.058	21.795	29.521	63.522	0.239	(⁷)	2.634	1.431	0.011	NA	NA	4.076	0.007	67.844
1971	11.598	-0.033	22.469	30.561	64.596	0.413	(⁷)	2.824	1.432	0.012	NA	NA	4.268	0.012	69.289
1972	12.077	-0.026	22.698	32.947	67.696	0.584	(⁷)	2.864	1.503	0.031	NA	NA	4.398	0.026	72.704
1973	12.971	-0.007	22.512	34.840	70.316	0.910	(⁷)	2.861	1.529	0.043	NA	NA	4.433	0.049	75.708
1974	12.663	0.056	21.732	33.455	67.906	1.272	(⁷)	3.177	1.540	0.053	NA	NA	4.769	0.043	73.991
1975	12.663	0.014	19.948	32.731	65.355	1.900	(⁷)	3.155	1.499	0.070	NA	NA	4.723	0.021	71.999
1976	13.584	(s)	20.345	35.175	69.104	2.111	(⁷)	2.976	1.713	0.078	NA	NA	4.768	0.029	76.012
1977	13.922	0.015	19.931	37.122	70.989	2.702	(⁷)	2.333	1.838	0.077	NA	NA	4.249	0.059	78.000
1978	13.766	0.125	20.000	37.965	71.856	3.024	(⁷)	2.937	2.038	0.064	NA	NA	5.039	0.067	79.986
1979	15.040	0.063	20.666	37.123	72.892	2.776	(⁷)	2.931	2.152	0.084	NA	NA	5.166	0.069	80.903
1980	15.423	-0.035	20.394	34.202	69.984	2.739	(⁷)	2.900	2.485	0.110	NA	NA	5.494	0.071	78.289
1981	15.908	-0.016	19.928	31.931	67.750	3.008	(⁷)	2.758	2.590	0.123	NA	NA	5.471	0.113	^R 76.342
1982	15.322	-0.022	18.505	30.232	64.037	3.131	(⁷)	3.266	2.615	0.105	NA	NA	5.985	0.100	^R 73.253
1983	15.894	-0.016	17.357	30.054	63.290	3.203	(⁷)	3.527	2.831	0.129	NA	(s)	6.488	0.121	^R 73.101
1984	17.071	-0.011	18.507	31.051	66.617	3.553	(⁷)	3.386	2.880	0.165	(s)	(s)	6.431	0.135	^R 76.736
1985	17.478	-0.013	17.834	30.922	66.221	4.076	(⁷)	2.970	2.864	0.198	(s)	(s)	6.033	0.140	^R 76.469
1986	17.260	-0.017	16.708	32.196	66.148	4.380	(⁷)	3.071	2.841	0.219	(s)	(s)	6.132	0.122	^R 76.782
1987	18.008	0.009	17.744	32.865	68.626	4.754	(⁷)	2.635	2.823	0.229	(s)	(s)	5.687	0.158	^R 79.225
1988	18.846	0.040	18.552	34.222	71.660	5.587	(⁷)	2.334	2.937	0.217	(s)	(s)	5.489	0.108	^R 82.844
1989	19.070	0.030	19.712	34.211	73.023	5.602	(⁷)	2.837	3.062	0.317	0.055	0.022	6.294	0.037	^R 84.957
1990	19.173	0.005	19.730	33.553	72.460	6.104	-0.036	3.046	2.662	0.336	0.060	0.029	6.133	0.008	^R 84.668
1991	18.992	0.010	20.149	32.845	71.996	6.422	-0.047	3.016	2.702	0.346	0.063	0.031	6.158	0.067	^R 84.595
1992	19.122	0.035	20.835	33.527	73.519	6.479	-0.043	2.617	2.847	0.349	0.064	0.030	5.907	0.087	^R 85.949
1993	19.835	0.027	21.351	⁴ 33.841	75.055	6.410	-0.042	2.892	^{4R} 2.803	0.364	0.066	0.031	^R 6.156	0.095	^{4R} 87.578
1994	19.909	0.058	21.842	34.670	76.480	6.694	-0.035	2.683	2.939	0.338	0.069	0.036	6.065	0.153	89.248
1995	20.089	0.061	22.784	34.553	77.488	7.075	-0.028	3.205	3.068	0.294	0.070	0.033	6.669	0.134	91.221
1996	21.002	0.023	23.197	35.757	79.978	7.087	-0.032	3.590	3.127	0.316	0.071	0.033	7.137	0.137	94.224
1997	21.445	0.046	23.329	36.266	81.086	6.597	-0.041	3.640	3.006	0.325	0.070	0.034	7.075	0.116	94.727
1998	21.656	0.067	22.936	36.934	81.592	7.068	-0.046	3.297	2.835	0.328	0.070	0.031	6.561	0.088	95.146
1999	21.623	0.058	23.010	37.960	82.650	7.610	-0.062	3.268	2.885	0.331	0.069	0.046	6.599	0.099	96.774
2000	22.580	0.065	^R 23.916	38.404	^R 84.965	7.862	-0.057	2.811	2.907	0.317	0.066	0.057	6.158	^R 0.115	^R 98.905
2001	^R 21.952	^R 0.029	^R 22.906	38.333	^R 83.221	^R 8.033	-0.090	2.201	^R 2.640	0.311	0.065	0.068	^R 5.286	0.075	^R 96.378
2002	^R 21.980	^R 0.061	^R 23.662	^R 38.401	^R 84.104	^R 8.143	^{RP} -0.088	^{RP} 2.675	^R 2.791	^R 0.328	^P 0.064	^{RP} 0.105	^{RP} 5.963	0.078	^R 98.026
2003	^P 22.707	^P 0.051	^P 22.507	^P 39.074	^P 84.338	^P 7.973	^P -0.088	^P 2.779	^P 2.884	^P 0.314	^P 0.063	^P 0.108	^P 6.150	^P 0.022	^P 98.156

¹ Electricity net generation from conventional hydroelectric power, geothermal, solar, and wind; consumption of wood, waste, and alcohol fuels; geothermal heat pump and direct use energy; and solar thermal direct use energy.

² Natural gas, plus a small amount of supplemental gaseous fuels that cannot be identified separately.

³ Petroleum products supplied, including natural gas plant liquids and crude oil burned as fuel. Beginning in 1993, also includes ethanol blended into motor gasoline.

⁴ Beginning in 1993, ethanol blended into motor gasoline is included in both "Petroleum" and "Wood, Waste, Alcohol," but is counted only once in total consumption.

⁵ Pumped storage facility production minus energy used for pumping.

⁶ "Alcohol" is ethanol blended into motor gasoline.

⁷ Included in "Conventional Hydroelectric Power."

R=Revised. P=Preliminary. NA=Not available. (s)=Less than 0.0005 and greater than -0.0005 quadrillion Btu.

Notes: • See Table E1 for estimated energy consumption for 1635-1945. • See Note 3, "Electricity Imports and Exports," at end of Section 8. • Totals may not equal sum of components due to independent rounding.

Web Page: For data not shown for 1951-1969, see <http://www.eia.doe.gov/emeu/aer/overview.html>.

Sources: Tables 5.12, 6.1, 7.1, 7.7, 8.1, 8.2a, 10.1, A4, A5, and A6.