

Table 1.3 Primary Energy Consumption by Source, Selected Years, 1949-2008
(Quadrillion Btu)

Year	Fossil Fuels					Nuclear Electric Power	Renewable Energy ¹						Electricity Net Imports ²	Total
	Coal	Coal Coke Net Imports ²	Natural Gas ³	Petroleum ⁴	Total		Hydro-electric Power ⁵	Geothermal	Solar/PV	Wind	Biomass	Total		
1949	11.981	-0.007	5.145	11.883	29.002	0.000	1.425	NA	NA	NA	1.549	2.974	0.005	31.982
1950	12.347	.001	5.968	13.315	31.632	.000	1.415	NA	NA	NA	1.562	2.978	.006	34.616
1955	11.167	-.010	8.998	17.255	37.410	.000	1.360	NA	NA	NA	1.424	2.784	.014	40.208
1960	9.838	-.006	12.385	19.919	42.137	.006	1.608	.001	NA	NA	1.320	2.929	.015	45.087
1965	11.581	-.018	15.769	23.246	50.577	.043	2.059	.004	NA	NA	1.335	3.398	(s)	54.017
1970	12.265	-.058	21.795	29.521	63.522	.239	2.634	.011	NA	NA	1.431	4.076	.007	67.844
1971	11.598	-.033	22.469	30.561	64.596	.413	2.824	.012	NA	NA	1.432	4.268	.012	69.289
1972	12.077	-.026	22.698	32.947	67.696	.584	2.864	.031	NA	NA	1.503	4.398	.026	72.704
1973	12.971	-.007	22.512	34.840	70.316	.910	2.861	.043	NA	NA	1.529	4.433	.049	75.708
1974	12.663	.056	21.732	33.455	67.906	1.272	3.177	.053	NA	NA	1.540	4.769	.043	73.991
1975	12.663	.014	19.948	32.731	65.355	1.900	3.155	.070	NA	NA	1.499	4.723	.021	71.999
1976	13.584	(s)	20.345	35.175	69.104	2.111	2.976	.078	NA	NA	1.713	4.768	.029	76.012
1977	13.922	.015	19.931	37.122	70.989	2.702	2.333	.077	NA	NA	1.838	4.249	.059	78.000
1978	13.766	.125	20.000	37.965	71.856	3.024	2.937	.064	NA	NA	2.038	5.039	.067	79.986
1979	15.040	.063	20.666	37.123	72.892	2.776	2.931	.084	NA	NA	2.152	5.166	.069	80.903
1980	15.423	-.035	20.235	34.202	69.826	2.739	2.900	.110	NA	NA	2.476	5.485	.071	78.122
1981	15.908	-.016	19.747	31.931	67.570	3.008	2.758	.123	NA	NA	R2.597	R5.478	.113	76.168
1982	15.322	-.022	18.356	30.232	63.888	3.131	3.266	.105	NA	NA	2.664	6.034	.100	73.153
1983	15.894	-.016	17.221	30.054	63.154	3.203	3.527	.129	NA	(s)	R2.906	R6.562	.121	R73.039
1984	17.071	-.011	18.394	31.051	66.504	3.553	3.386	.165	(s)	(s)	R2.973	R6.524	.135	R76.715
1985	17.478	-.013	17.703	30.922	66.091	4.076	2.970	.198	(s)	(s)	R3.018	R6.187	.140	R76.493
1986	17.260	-.017	16.591	32.196	66.031	4.380	3.071	.219	(s)	(s)	R2.934	R6.225	.122	R76.759
1987	18.008	.009	17.640	32.865	68.522	4.754	2.635	.229	(s)	(s)	R2.877	R5.741	.158	R79.175
1988	18.846	.040	18.448	34.222	71.556	5.587	2.334	.217	(s)	(s)	R3.019	R5.570	.108	R82.822
1989	19.070	.030	19.602	34.211	72.913	5.602	2.837	.317	.055	.022	R3.162	R6.394	.037	R84.946
1990	19.173	.005	19.603	33.553	72.333	6.104	3.046	.336	.060	.029	R2.737	R6.208	.008	R84.654
1991	18.992	.010	20.033	32.845	71.880	6.422	3.016	.346	.063	.031	R2.784	R6.240	.067	R84.609
1992	19.122	.035	20.714	33.527	73.397	6.479	2.617	.349	.064	.030	R2.935	R5.995	.087	R85.958
1993	19.835	.027	21.229	33.744	74.836	6.410	2.892	.364	.066	.031	R2.912	R6.264	.095	R87.605
1994	19.909	.058	21.728	34.562	76.258	6.694	2.683	.338	.069	.036	R3.031	R6.157	.153	R89.261
1995	20.089	.061	22.671	34.437	77.258	7.075	3.205	.294	.070	.033	R3.105	R6.707	.134	R91.174
1996	21.002	.023	23.085	35.673	79.783	7.087	3.590	.316	.071	.033	R3.160	R7.169	.137	R94.176
1997	21.445	.046	23.223	36.160	80.874	6.597	3.640	.325	.070	.034	R3.109	R7.178	.116	R94.766
1998	21.656	.067	22.830	36.817	81.370	7.068	3.297	.328	.070	.031	R2.932	R6.658	.088	95.183
1999	21.623	.058	22.909	37.838	82.428	7.610	3.268	.331	.069	.046	R2.968	6.681	.099	96.817
2000	22.580	.065	23.824	38.264	84.733	7.862	2.811	.317	.066	.057	3.013	6.264	.115	98.975
2001	21.914	.029	22.773	38.186	82.903	8.033	2.242	.311	.065	.070	2.627	5.316	.075	96.326
2002	21.904	.061	23.558	38.227	83.750	8.143	2.689	.328	.064	.105	R2.707	R5.894	.072	97.858
2003	22.321	.051	22.897	38.809	84.078	7.959	2.825	.331	.064	.115	2.817	6.150	.022	98.209
2004	22.466	.138	22.931	40.294	85.830	8.222	2.690	.341	.065	.142	3.023	6.260	.039	100.351
2005	22.797	.044	22.583	40.393	85.817	8.160	2.703	.343	.066	.178	R3.133	R6.423	.084	R100.485
2006	22.447	.061	R22.224	39.958	R84.690	8.214	2.869	.343	.072	.264	R3.361	R6.908	.063	R99.875
2007	R22.749	.025	R23.628	R39.773	R86.176	R8.458	R2.446	R.349	R.081	R.341	R3.597	R6.814	.107	R101.554
2008 ^P	22.421	.041	23.838	37.137	83.436	8.455	2.452	.358	.091	.514	3.884	7.300	.112	99.304

¹ Most data are estimates. See Tables 10.1-10.2c for notes on series components and estimation.

² Net imports equal imports minus exports. Minus sign indicates exports are greater than imports.

³ Natural gas only; excludes supplemental gaseous fuels. See Note 1, "Supplemental Gaseous Fuels," at end of Section 6.

⁴ Petroleum products supplied, including natural gas plant liquids and crude oil burned as fuel. Does not include the fuel ethanol portion of motor gasoline—fuel ethanol is included in "Biomass."

⁵ Conventional hydroelectric power.

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

Notes: • See "Primary Energy Consumption" in Glossary. • 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 all data beginning in 1949, 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, 10.3, A4, A5, and A6.