

Table 1.3 Primary Energy Consumption by Source
(Quadrillion Btu)

	Fossil Fuels ^a				Nuclear Electric Power	Renewable Energy ^b						Total ^g
	Coal	Natural Gas ^c	Petroleum ^d	Total ^e		Hydroelectric Power ^f	Geothermal	Solar	Wind	Bio-mass	Total	
1950 Total	12.347	5.968	13.298	31.615	0.000	0.344	NA	NA	NA	1.562	1.907	33.527
1955 Total	11.167	8.998	17.225	37.380	.000	.397	NA	NA	NA	1.424	1.821	39.215
1960 Total	9.838	12.385	19.874	42.091	.006	.510	(s)	NA	NA	1.320	1.830	43.942
1965 Total	11.581	15.769	23.184	50.515	.043	.672	.001	NA	NA	1.335	2.008	52.565
1970 Total	12.265	21.795	29.499	63.501	.239	.856	.002	NA	NA	1.431	2.289	66.036
1975 Total	12.663	19.948	32.699	65.323	1.900	1.034	.011	NA	NA	1.499	2.544	69.788
1980 Total	15.423	20.235	34.159	69.782	2.739	.953	.017	NA	NA	2.475	3.445	76.038
1985 Total	17.478	17.703	30.866	66.035	4.076	.970	.032	(s)	(s)	3.016	4.018	74.268
1990 Total	19.173	19.603	33.500	72.281	6.104	.999	.063	.056	.010	2.735	3.863	82.256
1995 Total	20.089	22.671	34.341	77.162	7.075	1.061	.060	.064	.011	3.101	4.297	88.668
2000 Total	22.580	23.824	38.152	84.620	7.862	.940	.069	.059	.019	3.008	4.096	96.694
2005 Total	22.797	22.565	40.217	85.623	8.161	.922	.084	.052	.061	3.114	4.233	98.101
2010 Total	20.834	24.575	35.321	80.723	8.434	.888	.111	.068	.323	4.506	5.896	95.142
2011 Total	19.658	24.955	34.639	79.263	8.269	1.090	.116	.076	.410	4.616	6.308	93.966
2012 Total	17.378	26.089	33.833	77.304	8.062	.943	.117	.094	.480	4.517	6.150	91.677
2013 Total	18.039	26.805	34.398	79.224	8.244	.916	.117	.120	.573	4.861	6.587	94.253
2014 Total	17.998	27.383	34.658	80.017	8.338	.885	.118	.161	.620	5.013	6.796	95.332
2015 Total	15.549	28.191	35.368	79.090	8.337	.850	.118	.196	.651	5.008	6.823	94.478
2016 Total	14.226	28.400	35.712	78.319	8.427	.914	.117	.251	.774	5.053	7.110	94.082
2017 Total	13.837	28.055	36.043	77.907	8.419	1.025	.118	.329	.868	5.035	7.373	93.892
2018 Total	13.252	31.163	36.892	81.281	8.438	.998	.118	.384	.930	5.094	7.524	97.395
2019 Total	11.316	32.264	36.866	80.425	8.452	.982	.116	.430	1.010	5.046	7.584	96.593
2020 Total	9.181	31.669	32.331	73.169	8.251	.973	.118	.511	1.153	4.535	7.290	88.872
2021 Total	10.549	31.711	35.243	77.454	8.131	.858	.118	.627	1.290	4.740	7.634	93.353
2022 January	1.008	R 3.705	2.915	R 7.623	.737	.083	.010	.042	.128	.403	.665	R 9.036
February	.838	R 3.157	2.726	R 6.719	.646	.073	.009	.047	.128	.369	.627	R 7.998
March	.733	R 2.876	3.063	R 6.666	.660	.083	.010	.063	.147	.411	.714	R 8.047
April	.663	R 2.437	2.858	R 5.952	.578	.068	.010	.071	.158	.392	.699	R 7.238
May	.745	R 2.314	2.982	R 6.032	.662	.080	.010	.079	.144	.411	.724	R 7.428
June	.870	R 2.394	2.967	R 6.227	.687	.089	.010	.083	.115	.413	.709	R 7.638
July	1.018	R 2.676	2.986	R 6.675	.719	.084	.010	.083	.101	.414	.691	R 8.104
August	.997	R 2.653	3.064	R 6.709	.720	.072	.010	.077	.084	.420	.664	R 8.112
September	.783	R 2.370	2.943	R 6.091	.666	.058	.010	.070	.093	.386	.617	R 7.388
October	.673	R 2.441	2.999	R 6.110	.616	.049	.010	.063	.112	.412	.646	R 7.381
November	.690	R 2.862	2.931	R 6.481	.648	.061	.010	.047	.141	.406	.664	R 7.802
December	.871	R 3.494	2.884	R 7.244	.722	.070	.010	.040	.132	.408	.660	R 8.640
Total	9.888	33.379	35.319	78.529	8.061	.869	.118	.765	1.482	4.847	8.081	94.812
2023 January	.750	R 3.428	2.868	R 7.043	.741	.078	.010	.044	.131	.415	.677	R 8.472
February	.582	R 3.057	2.678	R 6.315	.636	.068	.009	.051	.141	.373	.643	R 7.600
March	.620	R 3.129	3.006	R 6.753	.657	.073	.010	.067	.149	.421	.720	R 8.138
April	.500	R 2.499	2.878	R 5.875	.592	.068	.010	.080	.146	.392	.695	R 7.169
May	.550	R 2.386	3.014	R 5.948	.639	.094	.010	.091	.110	.430	.736	R 7.332
June	.705	R 2.445	2.991	R 6.138	.677	.074	.010	.093	.094	.418	.688	R 7.510
July	.913	R 2.760	2.975	R 6.645	.730	.075	.010	.098	.096	.420	.698	R 8.077
August	.903	R 2.773	3.108	R 6.781	.729	.073	.010	.093	.097	.433	.705	R 8.219
September	.716	R 2.464	2.911	R 6.087	.685	.058	.010	.082	.097	.410	.656	R 7.429
October	.628	R 2.523	3.067	R 6.216	.642	.053	.010	.074	.123	.424	.685	R 7.543
November	.629	R 2.920	2.978	R 6.525	.651	.058	.010	.057	.124	.413	.662	R 7.840
December	.676	R 3.300	2.975	R 6.946	.720	.065	.010	.050	.130	.437	.692	R 8.362
Total	8.172	33.683	35.448	77.271	8.099	.836	.119	.880	1.437	4.984	8.256	93.691
2024 January	.876	R 3.828	2.885	R 7.588	.722	.075	.010	.053	.119	.406	.663	R 8.979
February	.559	R 3.071	2.728	R 6.356	.675	.069	.010	.065	.141	.397	.682	R 7.713
March	.490	R 2.892	2.924	R 6.301	.662	.080	.010	.084	.155	.422	.750	R 7.712
April	.467	R 2.474	2.875	R 5.811	.602	.066	.010	.098	.161	.401	.737	R 7.148
May	.560	R 2.410	3.079	R 6.046	.679	.077	.010	.112	.132	.428	.758	R 7.484
June	.718	R 2.511	2.901	R 6.125	.713	.072	.010	.119	.130	.412	.742	R 7.585
July	.833	R 2.836	3.051	R 6.717	.730	.072	.010	.119	.095	.437	.734	R 8.192
August	.814	R 2.808	3.067	R 6.685	.729	.073	.010	.117	.098	.434	.732	R 8.157
September	.663	R 2.505	2.893	R 6.057	.655	.057	.010	.100	.099	.414	.679	R 7.399
October	.588	R 2.514	3.091	R 6.191	.611	.054	.009	.095	.137	.427	.722	R 7.530
10-Month Total	6.565	27.848	29.494	63.879	6.779	.694	.097	.962	1.267	4.180	7.200	77.900
2023 10-Month Total	6.867	27.463	29.495	63.800	6.729	.713	.099	.773	1.183	4.134	6.902	77.489
2022 10-Month Total	8.327	27.022	29.503	64.805	6.691	.739	.098	.678	1.209	4.032	6.756	78.370

^a Includes non-combustion use of fossil fuels.
^b Most data are estimates. See Tables 10.1–10.2c for notes on series components and estimation; and see Note, "Renewable Energy Production and Consumption," at end of Section 10.
^c Natural gas only; excludes supplemental gaseous fuels. See Note 3, "Supplemental Gaseous Fuels," at end of Section 4.
^d Petroleum products supplied; excludes biofuels. Biofuels are included in "Biomass."
^e Includes coal coke net imports. See Table 1.4c.
^f Conventional hydroelectric power.
^g Includes coal coke net imports and electricity net imports, which are not

separately displayed. See Table 1.4c.
R=Revised. NA=Not available. (s)=Less than 0.5 trillion Btu.
Notes: • See "Primary Energy Consumption" in Glossary.
• See Table D1 for estimated energy consumption for 1635–1945. • 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/#summary> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.
Sources: See end of section.