

**Table 1.3 Primary Energy Consumption by Source**  
(Quadrillion Btu)

	Fossil Fuels <sup>a</sup>				Nuclear Electric Power	Renewable Energy <sup>b</sup>						Total <sup>g</sup>
	Coal	Natural Gas <sup>c</sup>	Petroleum <sup>d</sup>	Total <sup>e</sup>		Hydro-electric Power <sup>f</sup>	Geo-thermal	Solar	Wind	Bio-mass	Total	
1950 Total	12.347	5.968	13.315	31.632	0.000	1.415	NA	NA	NA	1.562	2.978	34.616
1955 Total	11.167	8.998	17.255	37.410	.000	1.360	NA	NA	NA	1.424	2.784	40.208
1960 Total	9.838	12.385	19.919	42.137	.006	1.608	(s)	NA	NA	1.320	2.928	45.086
1965 Total	11.581	15.769	23.246	50.577	.043	2.059	.002	NA	NA	1.335	3.396	54.015
1970 Total	12.265	21.795	29.521	63.522	.239	2.634	.006	NA	NA	1.431	4.070	67.838
1975 Total	12.663	19.948	32.732	65.357	1.900	3.155	.034	NA	NA	1.499	4.687	71.965
1980 Total	15.423	20.235	34.205	69.828	2.739	2.900	.053	NA	NA	2.475	5.428	78.067
1985 Total	17.478	17.703	30.925	66.093	4.076	2.970	.097	(s)	(s)	3.016	6.084	76.392
1990 Total	19.173	19.603	33.552	72.332	6.104	3.046	.171	.059	.029	2.735	6.040	84.485
1995 Total	20.089	22.671	34.401	77.222	7.075	3.205	.152	.068	.033	3.101	6.559	90.991
2000 Total	22.580	23.824	38.226	84.694	7.862	2.811	.164	.063	.057	3.008	6.104	98.776
2001 Total	21.914	22.773	38.149	82.865	8.029	2.242	.164	.062	.070	2.622	5.160	96.129
2002 Total	21.904	23.510	38.187	83.662	8.145	2.689	.171	.060	.105	2.701	5.726	97.605
2003 Total	22.321	22.831	38.770	83.972	7.960	2.793	.173	.058	.113	2.806	5.944	97.898
2004 Total	22.466	22.923	40.210	85.737	8.223	2.688	.178	.058	.142	3.008	6.075	100.073
2005 Total	22.797	22.565	40.283	85.689	8.161	2.703	.181	.058	.178	3.114	6.233	100.168
2006 Total	22.447	22.239	39.803	84.550	8.215	2.869	.181	.061	.264	3.262	6.637	99.464
2007 Total	22.749	23.663	39.445	85.883	8.459	2.446	.186	.065	.341	3.485	6.523	100.971
2008 Total	22.387	23.843	36.841	83.112	8.426	2.511	.192	.074	.546	3.851	7.174	98.825
2009 Total	19.691	23.416	R 34.860	R 77.944	8.355	2.669	.200	.078	.721	R 3.940	R 7.608	R 94.023
2010 Total	20.834	24.575	R 35.416	R 80.818	8.434	2.539	.208	.090	.923	R 4.506	R 8.266	R 97.608
2011 Total	19.658	24.955	R 34.727	R 79.350	8.269	3.103	.212	.111	1.168	R 4.609	R 9.203	R 96.949
2012 Total	17.378	26.089	R 33.939	R 77.409	8.062	2.629	.212	.157	1.340	R 4.508	R 8.845	R 94.477
2013 Total	18.039	26.805	R 34.500	R 79.326	8.244	2.562	.214	.225	1.601	R 4.848	R 9.451	R 97.218
2014 Total	17.998	27.383	R 34.763	R 80.122	8.338	2.467	.214	.337	1.728	R 4.994	R 9.740	R 98.381
2015 Total	15.549	28.191	R 35.478	R 79.200	8.337	2.321	.212	.426	1.777	R 4.983	R 9.719	R 97.484
<b>2016 January</b>	1.297	3.201	R 2.927	R 7.424	.759	.236	.018	.026	.170	R .408	R .859	R 9.063
February	1.074	2.746	R 2.853	R 6.673	.687	.223	.017	.035	.186	R .395	R .855	R 8.231
March	.867	2.438	R 3.039	R 6.344	.692	.253	.018	.043	.203	R .416	R .932	R 7.986
April	.844	2.156	R 2.895	R 5.894	.656	.239	.016	.048	.192	R .392	R .887	R 7.452
May	.960	2.033	R 2.975	R 5.968	.696	.235	.018	.055	.174	R .417	R .899	R 7.582
June	1.314	2.070	R 2.974	R 6.358	.703	.215	.017	.056	.151	R .415	R .853	R 7.935
July	1.529	2.262	R 3.047	R 6.837	.736	.198	.017	.061	.163	R .432	R .872	R 8.469
August	1.521	2.285	R 3.139	R 6.943	.748	.181	.018	.061	.125	R .438	R .823	R 8.537
September	1.296	2.015	R 2.948	R 6.258	.685	.151	.017	.055	.151	R .412	R .787	R 7.745
October	1.147	1.991	R 3.031	R 6.167	.635	.160	.018	.049	.188	R .417	R .831	R 7.651
November	1.022	2.235	R 2.926	R 6.178	.682	.174	.018	.041	.179	R .421	R .833	R 7.713
December	1.352	2.967	R 3.062	R 7.379	.750	.208	.019	.037	.214	R .457	R .935	R 9.080
<b>Total</b>	<b>14.226</b>	<b>28.400</b>	<b>R 35.817</b>	<b>R 78.424</b>	<b>8.427</b>	<b>2.472</b>	<b>.210</b>	<b>.569</b>	<b>2.096</b>	<b>R 5.020</b>	<b>R 10.366</b>	<b>R 97.444</b>
<b>2017 January</b>	1.313	3.012	R 2.970	R 7.292	.765	.247	.018	.033	.183	R .422	R .904	R 8.982
February	1.011	2.418	R 2.661	R 6.089	.665	.218	.016	.040	.195	R .383	R .852	R 7.623
March	1.029	2.608	R 3.087	R 6.723	.681	.270	.018	.062	.230	R .429	R 1.009	R 8.430
April	.937	1.995	R 2.920	R 5.851	.593	.271	.018	.069	.227	R .408	R .993	R 7.452
May	1.066	1.953	R 3.093	R 6.110	.641	.298	.017	.081	.207	R .431	R 1.034	R 7.800
June	1.218	1.972	R 3.067	R 6.254	.701	.278	.016	.086	.183	R .428	R .991	R 7.964
July	1.433	2.212	R 3.099	R 6.742	.746	.244	.018	.083	.147	R .434	R .926	R 8.432
August	1.356	2.163	R 3.137	R 6.652	.757	.201	.018	.079	.125	R .445	R .869	R 8.297
September	1.140	1.983	R 2.939	R 6.060	.712	.176	.017	.073	.164	R .411	R .842	R 7.630
October	1.051	2.097	R 3.080	R 6.223	.690	.168	.017	.068	.233	R .427	R .913	R 7.838
November	1.069	2.433	R 3.018	R 6.517	.697	.189	.017	.050	.222	R .426	R .905	R 8.129
December	1.216	3.187	R 3.104	R 7.504	.771	.206	.020	.049	.226	R .439	R .940	R 9.229
<b>Total</b>	<b>13.837</b>	<b>28.034</b>	<b>R 36.174</b>	<b>R 78.017</b>	<b>8.419</b>	<b>2.767</b>	<b>.210</b>	<b>.774</b>	<b>2.343</b>	<b>R 5.084</b>	<b>R 11.179</b>	<b>R 97.807</b>
<b>2018 January</b>	1.330	3.420	R 3.125	R 7.871	.781	.236	.018	.050	.248	R .437	R .989	9.655
February	.963	2.790	R 2.711	R 6.463	.678	.235	.017	.058	.222	R .392	R .924	R 8.077
March	.941	2.865	R 3.146	R 6.950	.701	.239	.018	.076	.251	R .434	R 1.018	R 8.684
April	.864	2.414	R 2.963	R 6.240	.618	.253	.017	.089	.247	R .411	R 1.017	R 7.885
May	.998	2.114	R 3.137	R 6.248	.704	.280	.019	.099	.217	R .438	R 1.053	R 8.019
June	1.162	2.117	R 3.088	R 6.365	.729	.258	.018	.107	.224	R .429	R 1.036	R 8.144
July	R 1.313	2.421	R 3.171	R 6.903	.758	.221	.019	.100	.148	R .442	R .930	R 8.605
August	R 1.311	R 2.390	R 3.284	R 6.983	.756	.197	.019	.099	.180	R .448	R .942	R 8.698
September	R 1.122	2.228	R 2.968	R 6.317	.677	.172	.018	.090	.166	R .409	R .854	R 7.859
October	1.026	2.353	3.201	6.578	.621	.173	.018	.075	.195	.433	.894	8.103
<b>10-Month Total</b>	<b>11.030</b>	<b>25.113</b>	<b>30.794</b>	<b>66.919</b>	<b>7.023</b>	<b>2.265</b>	<b>.180</b>	<b>.841</b>	<b>2.097</b>	<b>4.273</b>	<b>9.656</b>	<b>83.730</b>
<b>2017 10-Month Total</b>	<b>11.553</b>	<b>22.413</b>	<b>30.051</b>	<b>63.995</b>	<b>6.951</b>	<b>2.371</b>	<b>.173</b>	<b>.676</b>	<b>1.895</b>	<b>4.219</b>	<b>9.334</b>	<b>80.449</b>
<b>2016 10-Month Total</b>	<b>11.851</b>	<b>23.198</b>	<b>29.829</b>	<b>64.867</b>	<b>6.996</b>	<b>2.091</b>	<b>.173</b>	<b>.490</b>	<b>1.703</b>	<b>4.142</b>	<b>8.599</b>	<b>80.651</b>

<sup>a</sup> Includes non-combustion use of fossil fuels.  
<sup>b</sup> 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.  
<sup>c</sup> Natural gas only; excludes supplemental gaseous fuels. See Note 3, "Supplemental Gaseous Fuels," at end of Section 4.  
<sup>d</sup> Petroleum products supplied; excludes biofuels that have been blended with petroleum—biofuels are included in "Biomass."  
<sup>e</sup> Includes coal coke net imports. See Tables 1.4a and 1.4b.  
<sup>f</sup> Conventional hydroelectric power.  
<sup>g</sup> Includes coal coke net imports and electricity net imports, which are not

separately displayed. See Tables 1.4a and 1.4b.  
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.