

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	1.415	NA	NA	NA	1.562	2.978	34.599
1955 Total	11.167	8.998	17.225	37.380	.000	1.360	NA	NA	NA	1.424	2.784	40.178
1960 Total	9.838	12.385	19.874	42.091	.006	1.608	(s)	NA	NA	1.320	2.928	45.041
1965 Total	11.581	15.769	23.184	50.515	.043	2.059	.002	NA	NA	1.335	3.396	53.953
1970 Total	12.265	21.795	29.499	63.501	.239	2.634	.006	NA	NA	1.431	4.070	67.817
1975 Total	12.663	19.948	32.699	65.323	1.900	3.155	.034	NA	NA	1.499	4.687	71.931
1980 Total	15.423	20.235	34.159	69.782	2.739	2.900	.053	NA	NA	2.475	5.428	78.021
1985 Total	17.478	17.703	30.866	66.035	4.076	2.970	.097	(s)	(s)	3.016	6.084	76.334
1990 Total	19.173	19.603	33.500	72.281	6.104	3.046	.171	.059	.029	2.735	6.040	84.433
1995 Total	20.089	22.671	34.341	77.162	7.075	3.205	.152	.068	.033	3.101	6.559	90.931
2000 Total	22.580	23.824	38.152	84.620	7.862	2.811	.164	R .063	.057	3.008	6.104	98.702
2005 Total	22.797	22.565	40.217	85.623	8.161	2.703	.181	.058	.178	3.114	R 6.233	R 100.101
2006 Total	22.447	22.239	39.731	84.477	8.215	2.869	.181	R .060	.264	3.262	R 6.637	R 99.391
2007 Total	22.749	23.663	39.368	85.805	8.459	2.446	.186	R .065	.341	3.485	R 6.523	R 100.893
2008 Total	22.387	23.843	36.769	83.041	8.426	2.511	.192	R .074	.546	3.851	R 7.174	R 98.753
2009 Total	19.691	23.416	34.779	77.862	8.355	2.669	.200	R .077	.721	3.940	R 7.607	R 93.941
2010 Total	20.834	24.575	35.321	80.723	8.434	2.539	.208	R .090	.923	4.506	R 8.266	R 97.512
2011 Total	19.658	24.955	34.639	79.263	8.269	3.103	.212	R .110	1.168	4.616	R 9.210	R 96.868
2012 Total	17.378	26.089	33.833	77.304	8.062	2.629	.212	R .156	1.340	4.517	R 8.853	R 94.380
2013 Total	18.039	26.805	34.398	79.224	8.244	2.562	.214	.225	1.601	4.861	9.464	97.130
2014 Total	17.998	27.383	34.658	80.017	8.338	2.466	.214	.337	1.727	5.016	9.761	98.297
2015 Total	15.549	28.191	35.368	79.090	8.337	2.320	.212	.427	1.776	5.015	9.749	97.404
2016 Total	14.226	28.400	35.712	78.319	8.427	2.471	.210	.570	2.095	5.063	10.409	97.381
2017 Total	13.837	28.055	36.043	77.907	8.419	2.765	.210	.777	2.342	5.045	11.138	97.657
2018 Total	13.252	31.163	36.892	81.281	8.438	2.661	.209	.915	2.481	5.105	11.370	101.240
2019 Total	11.316	32.264	36.866	80.425	8.452	2.562	.201	1.016	2.633	5.056	11.468	100.478
2020 Total	9.181	31.577	32.331	73.076	8.251	2.501	.203	1.211	2.963	R 4.640	R 11.518	R 93.007
2021 January	.947	R 3.453	2.813	R 7.210	.748	.217	.017	.077	.266	R .387	R .964	R 8.937
February	.996	3.207	2.415	6.615	.657	.178	.016	.086	.236	R .349	R .866	R 8.147
March	.741	2.731	2.886	6.358	.664	.188	.016	R .125	.347	R .407	R 1.083	R 8.118
April	.650	2.349	2.880	5.875	.595	.171	.017	.143	.320	R .391	R 1.042	R 7.524
May	.759	2.188	3.010	5.953	.661	.206	.017	.162	.299	R .419	R 1.102	R 7.729
June	.997	2.318	3.009	6.319	.689	.207	.017	.160	.236	R .406	R 1.026	R 8.049
July	1.160	2.499	3.040	6.697	.718	.195	.017	.161	.192	R .421	R .986	R 8.416
August	1.158	2.520	3.111	6.784	.725	.180	.017	.156	.239	R .415	R 1.007	R 8.527
September	.927	2.209	2.950	6.080	.673	.151	.017	.144	.256	R .392	R .960	R 7.723
October	.762	2.336	3.063	R 6.157	R .609	.152	.017	.121	.285	R .421	R .996	R 7.772
November	R .708	R 2.773	2.991	R 6.467	.654	.171	.017	.102	.316	R .411	R 1.018	R 8.143
December	.742	R 3.105	3.076	R 6.916	.738	.208	.019	.084	.352	R .426	R 1.090	R 8.751
Total	R 10.549	R 31.688	35.243	77.430	R 8.131	2.225	.205	R 1.520	R 3.345	R 4.845	R 12.140	R 97.835
2022 January	R 1.006	3.714	2.948	R 7.662	.736	.232	.019	.105	.337	R .405	R 1.098	R 9.506
February	R .834	3.165	2.761	R 6.758	.645	.203	.016	.118	.336	R .377	R 1.050	R 8.460
March	R .729	2.875	3.086	R 6.685	.659	.224	.018	.154	.380	R .417	R 1.193	R 8.543
April	R .658	2.447	2.893	R 5.993	.577	.173	.017	.173	.406	R .399	R 1.169	7.746
May	R .739	2.317	3.014	R 6.061	.661	.204	.018	.194	R .369	R .420	R 1.204	7.936
June	R .867	2.397	3.019	R 6.279	.685	.238	.017	.201	.296	R .423	R 1.175	R 8.155
July	R 1.015	2.670	3.049	R 6.730	.718	.214	.018	.201	.259	R .424	R 1.116	R 8.583
August	R .993	2.645	3.115	R 6.749	.719	.192	.018	.187	.215	R .429	R 1.041	R 8.529
September	R .780	2.366	2.997	R 6.139	.665	.149	.018	.172	.239	R .388	R .965	R 7.782
October	R .671	2.446	3.061	R 6.174	.615	.129	.017	.156	.290	R .419	R 1.012	7.811
November	R .687	R 2.869	2.994	R 6.546	.647	.166	.018	.113	.370	R .414	R 1.081	R 8.283
December	R .866	R 3.498	2.910	R 7.268	.721	.193	.019	.097	.347	R .416	R 1.073	R 9.076
Total	R 9.846	R 33.409	35.847	R 79.046	8.046	2.317	.214	1.870	3.845	R 4.930	R 13.177	R 100.409
2023 January	.729	3.424	2.901	7.051	.739	.203	.018	.111	.346	.428	1.106	8.909

^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 Tables 1.4c.

^f Conventional hydroelectric power.

^g Includes coal coke net imports and electricity net imports, which are not

separately displayed. See Tables 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.