

**Table E3. Primary Energy Consumption by Source, Fossil Fuel Equivalency Approach**  
(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>	Petro-leum <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	13.298	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	.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	6.233	100.101
2010 Total	20.834	24.575	35.321	80.723	8.434	2.539	.208	.090	.923	4.506	8.266	97.512
2011 Total	19.658	24.955	34.639	79.263	8.269	3.103	.212	.110	1.168	4.616	9.210	96.868
2012 Total	17.378	26.089	33.833	77.304	8.062	2.629	.212	.156	1.340	4.517	8.853	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	31.640	32.331	73.139	8.251	2.501	.203	1.211	2.963	4.545	11.423	92.975
2021 Total	10.549	31.711	35.243	77.454	8.131	2.225	.205	1.520	3.345	4.751	12.045	97.764
2022 January	1.008	3.704	2.915	7.622	.737	.213	.018	.102	.330	.404	1.067	9.437
February	.838	3.153	2.726	6.715	.646	.188	.016	.116	.332	.370	1.022	8.389
March	.733	2.872	3.063	6.663	.660	.215	.017	.154	.379	.412	1.177	8.507
April	.663	2.434	2.858	5.949	.578	.177	.017	.174	.407	.393	1.168	7.703
May	.745	2.313	2.982	6.031	.662	.206	.017	.195	.371	.412	1.201	7.903
June	.870	2.393	2.967	6.225	.687	.229	.016	.203	.298	.414	1.160	8.087
July	1.018	2.674	2.986	6.673	.719	.217	.017	R .202	.260	.415	1.111	8.522
August	.997	2.650	3.064	6.706	.720	.186	.017	.189	.218	.421	1.031	8.478
September	.783	2.368	2.943	6.089	.666	.150	.017	.172	.241	.387	.966	7.735
October	.673	2.439	2.999	6.108	.616	.127	.017	.155	.289	.413	1.000	7.733
November	.690	2.859	2.931	6.478	.648	.158	.018	.114	.363	.407	1.059	8.194
December	.871	3.490	2.884	7.240	.722	.180	.018	.096	.341	.409	1.045	9.020
<b>Total</b>	<b>9.888</b>	<b>33.347</b>	<b>35.319</b>	<b>78.498</b>	<b>8.061</b>	<b>2.245</b>	<b>.205</b>	<b>1.872</b>	<b>3.827</b>	<b>4.857</b>	<b>13.007</b>	<b>99.707</b>
2023 January	.749	3.417	R 2.842	R 7.005	.740	.196	.019	.109	.346	.420	1.090	R 8.846
February	R .582	3.047	R 2.658	R 6.286	.635	.165	.016	.124	.372	.376	1.053	R 7.981
March	R .618	3.114	R 2.991	R 6.721	.656	.178	.018	.165	.393	.420	1.174	R 8.560
April	.499	2.503	R 2.888	R 5.888	.592	.154	.017	.196	.380	.391	1.138	R 7.624
May	.552	2.392	R 3.026	R 5.967	.642	.242	.017	.222	.283	.432	1.196	R 7.815
June	.703	2.441	R 2.978	R 6.119	.679	.172	.016	.227	.243	.420	1.078	R 7.881
July	R .913	2.755	R 2.993	R 6.658	.730	.187	.017	.242	.246	.418	1.109	R 8.502
August	.902	2.765	R 3.130	R 6.794	.729	.186	.017	.230	.252	.431	1.116	R 8.644
September	.716	2.455	R 2.906	R 6.073	.685	.145	.017	.201	.249	.408	1.020	R 7.778
October	.635	2.523	R 3.074	R 6.230	.642	.159	.018	.183	.322	.420	1.102	R 7.974
November	.633	2.920	R 2.978	R 6.528	.650	.160	.018	R .139	.326	.410	1.052	R 8.233
December	.676	3.277	R 2.963	R 6.912	.720	.170	.018	.125	.338	.432	1.083	R 8.719
<b>Total</b>	<b>R 8.178</b>	<b>33.608</b>	<b>R 35.427</b>	<b>R 77.181</b>	<b>8.101</b>	<b>2.114</b>	<b>.209</b>	<b>2.164</b>	<b>3.748</b>	<b>4.978</b>	<b>13.212</b>	<b>R 98.559</b>
2024 January	.876	3.823	2.886	7.584	.722	.187	.017	.131	.308	.407	1.051	9.362

<sup>a</sup> Includes non-combustion use of fossil fuels.  
<sup>b</sup> Most data are estimates. See Table E4 for notes on series components and estimation.  
<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. Biofuels are included in "Biomass."  
<sup>e</sup> Includes coal coke net imports. See Tables 1.4c.  
<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 1.4c.  
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/#appendices> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.  
Sources: • **Fossil Fuels and Nuclear Electric Power:** Table 1.3. • **Renewable Energy:** Table E4. • **Total:** Calculated as the sum of Fossil Fuels, Nuclear Electric Power, Renewable Energy, and Electricity Net Imports (see Table 1.4c).