

Table 1.2 Primary Energy Production by Source
(Quadrillion Btu)

	Fossil Fuels					Nuclear Electric Power	Renewable Energy ^a						Total
	Coal ^b	Natural Gas (Dry)	Crude Oil ^c	NGPL ^d	Total		Hydro-electric Power ^e	Geo-thermal	Solar	Wind	Bio-mass	Total	
1950 Total	14.060	6.233	11.447	0.813	32.553	0.000	0.344	NA	NA	NA	1.562	1.907	34.460
1955 Total	12.370	9.345	14.410	1.223	37.347	.000	.397	NA	NA	NA	1.424	1.821	39.168
1960 Total	10.817	12.656	14.935	1.447	39.855	.006	.510	(s)	NA	NA	1.320	1.830	41.691
1965 Total	13.055	15.775	16.521	1.853	47.205	.043	.672	.001	NA	NA	1.335	2.008	49.256
1970 Total	14.607	21.666	20.401	2.478	59.152	.239	.856	.002	NA	NA	1.431	2.289	61.681
1975 Total	14.989	19.640	17.729	2.338	54.697	1.900	1.034	.011	NA	NA	1.499	2.544	59.141
1980 Total	18.598	19.908	18.249	2.225	58.979	2.739	.953	.017	NA	NA	2.475	3.445	65.164
1985 Total	19.325	16.980	18.992	2.204	57.502	4.076	.970	.032	(s)	(s)	3.016	4.018	65.595
1990 Total	22.488	18.326	15.571	2.138	58.523	6.104	.999	.063	.056	.010	2.735	3.863	68.490
1995 Total	22.130	19.082	13.887	2.398	57.496	7.075	1.061	.060	.064	.011	3.099	4.295	68.866
2000 Total	22.735	19.662	12.358	2.551	57.307	7.862	.940	.069	.059	.019	3.006	4.093	69.262
2005 Total	23.185	18.556	10.974	2.280	54.995	8.161	.922	.084	.052	.061	3.101	4.220	67.376
2010 Total	22.038	21.806	11.610	2.705	58.159	8.434	.888	.111	.068	.323	4.553	5.943	72.536
2011 Total	22.221	23.406	12.012	2.890	60.529	8.269	1.090	.116	.076	.410	4.712	6.404	75.202
2012 Total	20.677	24.610	13.849	3.162	62.298	8.062	.943	.117	.094	.480	4.554	6.187	76.547
2013 Total	20.001	24.859	15.868	3.451	64.180	8.244	.916	.117	.120	.573	4.835	6.561	78.985
2014 Total	20.286	26.718	18.590	4.005	69.599	8.338	.885	.118	.161	.620	5.049	6.833	84.769
2015 Total	17.946	28.067	19.682	4.476	70.171	8.337	.850	.118	.196	.651	5.025	6.840	85.347
2016 Total	14.667	27.576	18.534	4.665	65.442	8.427	.914	.117	.251	.774	5.122	7.178	81.047
2017 Total	15.625	28.289	19.547	4.987	68.448	8.419	1.025	.118	.329	.868	5.156	7.495	84.362
2018 Total	15.363	31.882	22.825	5.727	75.798	8.438	.998	.118	.384	.930	5.304	7.734	91.970
2019 Total	14.256	35.187	25.610	6.352	81.405	8.452	.982	.116	.430	1.010	5.205	7.743	97.999
2020 Total	10.703	35.062	23.585	6.805	76.155	8.251	.973	.118	.511	1.153	4.700	7.455	91.861
2021 Total	11.596	35.807	23.485	7.099	77.987	8.131	.858	.118	.627	1.290	4.904	7.797	93.915
2022 January	1.012	3.082	2.016	.610	6.721	.737	.083	.010	.042	.128	.434	.697	8.155
February	.970	2.776	1.825	.552	6.124	.646	.073	.009	.047	.128	.393	.651	7.421
March	1.044	3.127	2.092	.660	6.923	.660	.083	.010	.063	.147	.430	.732	8.315
April	.940	3.048	2.014	.635	6.636	.578	.068	.010	.071	.158	.405	.712	7.926
May	1.006	3.174	2.069	.661	6.909	.662	.080	.010	.079	.144	.429	.742	8.314
June	.986	3.079	2.031	.644	6.741	.687	.089	.010	.083	.115	.429	.725	8.153
July	1.000	3.215	2.113	.686	7.014	.719	.084	.010	.083	.101	.435	.712	8.446
August	1.087	3.232	2.136	.672	7.126	.720	.072	.010	.077	.084	.428	.672	8.517
September	1.044	3.173	2.121	.660	6.998	.666	.058	.010	.070	.093	.401	.632	8.296
October	1.040	3.275	2.190	.684	7.188	.616	.049	.010	.063	.112	.425	.658	8.463
November	.988	3.169	2.126	.658	6.942	.648	.061	.010	.047	.141	.427	.685	8.275
December	.926	3.211	2.145	.621	6.903	.722	.070	.010	.040	.132	.428	.680	8.304
Total	12.043	37.560	24.880	7.742	82.225	8.061	.869	.118	.765	1.482	5.063	8.297	98.584
2023 January	1.036	3.265	2.224	.669	7.194	.741	.078	.010	.044	.131	.434	.696	8.631
February	.930	2.952	2.006	.612	6.500	.636	.068	.009	.051	.141	.390	.660	7.795
March	1.056	3.298	2.260	.704	7.318	.657	.073	.010	.067	.149	.436	.735	8.710
April	.954	3.186	2.164	.691	6.996	.592	.068	.010	.080	.146	.405	.709	8.297
May	.980	3.320	2.245	.712	7.257	.639	.094	.010	.091	.110	.435	.741	8.637
June	.958	3.203	2.196	.687	7.044	.677	.074	.010	.093	.094	.428	.698	8.420
July	.948	3.312	2.281	.721	7.262	.730	.075	.010	.098	.096	.438	.716	8.709
August	1.029	3.350	2.301	.735	7.414	.729	.073	.010	.093	.097	.441	.713	8.857
September	.985	3.240	2.249	.729	7.203	.685	.058	.010	.082	.097	.427	.673	8.561
October	.967	3.344	2.319	.754	7.384	.642	.053	.010	.074	.123	.433	.694	8.721
November	.967	3.285	2.267	.727	7.246	.651	.058	.010	.057	.124	.433	.682	8.579
December	.932	3.409	2.347	.737	7.425	.720	.065	.010	.050	.130	.465	.721	8.866
Total	11.743	39.164	26.858	8.480	86.245	8.099	.836	.119	.880	1.437	5.165	8.437	102.782
2024 January	.898	E 3.325	E 2.214	.671	7.108	.722	.075	.010	.053	.119	.427	.684	8.515
February	.896	E 3.183	E 2.162	.688	6.929	.675	.069	.010	.065	.141	.414	.699	8.303
March	.852	E 3.297	E 2.323	.757	7.229	.662	.080	.010	.084	.155	.443	.772	8.662
April	.728	E 3.161	E 2.261	.748	6.898	.602	.066	.010	.098	.161	.416	.751	8.252
May	.800	E 3.261	E 2.328	.781	7.171	.679	.077	.010	.112	.132	.432	.762	8.612
June	.876	E 3.195	E 2.260	.752	7.083	.713	.072	.010	.119	.130	.428	.758	8.554
July	R .879	RE 3.346	RE 2.327	.764	R 7.315	.730	.072	.010	.119	.095	.449	.746	R 8.792
August	R .955	RE 3.314	RE 2.356	.779	R 7.405	.729	.073	.010	.117	.098	.453	.751	R 8.885
September	.927	E 3.174	E 2.254	.768	7.123	.655	.057	.010	.100	.099	.430	.695	8.473
9-Month Total	7.811	E 29.257	E 20.484	6.709	64.262	6.168	.640	.088	.867	1.130	3.893	6.619	77.048
2023 9-Month Total	8.876	29.126	19.926	6.261	64.189	6.086	.659	.089	.699	1.060	3.834	6.341	76.616
2022 9-Month Total	9.089	27.906	18.418	5.779	61.192	6.075	.690	.088	.615	1.098	3.784	6.275	73.542

^a 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.

^b Beginning in 1989, includes waste coal supplied. Beginning in 2001, also includes a small amount of refuse recovery. See Table 6.1.

^c Includes lease condensate.

^d Natural gas processing plant production of natural gas liquids (ethane, propane, normal butane, isobutane, and natural gasoline). Through 1980, also includes natural gas processing plant production of finished petroleum products (aviation gasoline, distillate fuel oil, jet fuel, kerosene, motor gasoline, special

naphthas, and miscellaneous products).

^e Conventional hydroelectric power.

R=Revised. E=Estimate. NA=Not available. (s)=Less than 0.5 trillion Btu.

Notes: • See "Primary Energy Production" in Glossary. • 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.