

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	
2006 Total	23.790	19.022	10.767	2.299	55.877	8.215	.987	.086	.054	.091	3.212	4.430	68.521	
2007 Total	23.493	19.786	10.741	2.349	56.369	8.459	.845	.091	.057	.118	3.472	4.582	69.410	
2008 Total	23.851	20.703	10.613	2.359	57.527	8.426	.869	.097	.061	.189	3.868	5.085	71.038	
2009 Total	21.624	21.139	11.340	2.508	56.612	8.355	.933	.105	.063	.252	3.957	5.309	70.276	
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	18.610	4.005	69.619	8.338	.885	.118	.161	.620	5.052	6.836	84.792	
2015 Total	17.946	28.067	19.697	4.476	70.186	8.337	.850	.118	.196	.651	5.031	6.846	85.369	
2016 Total	14.667	27.576	18.527	4.665	65.435	8.427	.914	.117	.251	.774	5.132	7.188	81.050	
2017 Total	15.625	28.289	19.547	4.987	68.448	8.419	1.025	.118	.329	.868	5.166	7.505	84.372	
2018 Total	15.363	31.882	22.808	5.727	75.780	8.438	.998	.118	.384	.930	5.314	7.744	91.963	
2019 Total	14.256	35.187	25.604	6.352	81.399	8.452	.982	.116	.430	1.010	5.215	7.753	97.604	
2020 Total	10.703	35.062	23.575	6.805	76.145	8.251	.973	.118	.511	1.153	4.710	7.465	91.861	
2021 January .....	.974	2.978	1.965	.580	6.497	.748	.084	.010	.032	.103	.409	.637	7.883
February .....	.821	2.491	1.580	.426	5.318	.657	.069	.009	.036	.091	.348	.553	6.528
March	1.021	3.007	2.002	.572	6.603	.664	.072	.010	.051	.134	.411	.678	7.945	
April .....	.907	2.933	1.932	.589	6.362	.595	.066	.010	.059	.123	.393	.651	7.608
May .....	.975	3.029	2.009	.611	6.624	.661	.080	.010	.067	.115	.418	.690	7.975
June .....	.979	2.920	1.940	.593	6.433	.689	.080	.010	.066	.091	.410	.657	7.779
July .....	.974	3.046	2.010	.611	6.642	.718	.075	.010	.066	.074	.426	.651	8.011
August	1.005	3.055	1.989	.622	6.671	.725	.069	.010	.064	.092	.413	.649	8.045	
September .....	.999	2.977	1.864	.599	6.439	.673	.058	.010	.059	.099	.395	.621	7.733
October .....	.982	3.125	2.040	.636	6.783	.609	.058	.010	.050	.110	.422	.650	8.042
November .....	.980	3.058	2.011	.621	6.671	.654	.066	.010	.042	.122	.424	.664	7.989
December .....	.977	3.187	2.060	.638	6.862	.738	.080	.010	.035	.136	.445	.707	8.306
Total	11.596	35.807	23.401	7.099	77.903	8.131	.858	.118	.627	1.290	4.914	7.807	93.841	
2022 January	1.012	3.090	2.023	.610	6.736	.737	.083	.010	.042	.128	.435	.698	8.171	
February .....	.970	2.784	1.792	.552	6.098	.646	.073	.009	.047	.128	.394	.652	7.396
March	1.044	3.135	2.080	.660	6.919	.660	.083	.010	.063	.147	.430	.733	8.312	
April .....	.940	3.056	2.007	.635	6.637	.578	.068	.010	.071	.158	.406	.712	7.928
May	1.006	3.183	2.068	.661	6.917	.662	.080	.010	.079	.144	.430	.743	8.322	
June .....	.986	3.087	2.012	.644	6.730	.687	.089	.010	.083	.115	.430	.726	8.143
July	1.000	3.224	2.085	.686	6.995	.719	.084	.010	.083	.101	.436	.713	8.428	
August	1.087	3.240	2.112	.672	7.110	.720	.072	.010	.077	.084	.429	.672	8.503	
September	1.044	3.181	2.102	.660	6.987	.666	.058	.010	.070	.093	.402	.633	8.286	
October	1.040	3.284	2.181	.684	7.188	.616	.049	.010	.063	.112	.425	.659	8.463	
November .....	.988	3.178	2.110	.658	6.935	.648	.061	.010	.047	.141	.427	.686	8.269
December .....	.926	3.219	2.139	.621	6.905	.722	.070	.010	.040	.132	.429	.680	8.307
Total	12.043	37.662	24.710	7.742	82.157	8.061	.869	.118	.765	1.482	5.073	8.307	98.526	
2023 January	1.033	E 3.273	E 2.215	.648	7.168	.740	.076	.011	.044	.134	.437	.702	8.610	
February .....	.927	E 2.958	E 1.995	.597	6.476	.635	.064	.009	.051	.144	.393	.660	7.771
March	1.053	E 3.304	E 2.250	.688	7.295	.656	.069	.010	.067	.152	.436	.735	8.686	
April .....	.951	E 3.190	E 2.157	.684	6.982	.592	.060	.010	.079	.147	.404	.700	8.274
May .....	.976	E 3.326	E 2.237	.707	7.246	.642	.094	.010	.090	.109	.438	.741	8.629
June .....	.955	E 3.209	E 2.199	.700	7.062	.679	.066	.010	.092	.094	.430	.692	8.433
July .....	.945	E 3.320	E 2.278	.714	7.257	.730	.072	.010	.097	.095	.437	.712	8.699
August	1.025	E 3.357	E 2.298	.726	7.405	.729	.072	.010	.093	.097	.440	.712	8.846	
September .....	.981	RE 3.247	RE 2.259	.724	R 7.212	.685	.056	.010	.082	.096	.425	.668	R 8.565
October	R .994	RE 3.352	RE 2.330	.750	R 7.426	.642	.062	.010	.074	.124	.430	.700	R 8.767	
November .....	.993	E 3.293	E 2.269	.725	7.280	.650	.062	.010	.056	.126	.432	.685	8.616
11-Month Total	10.831	E 35.829	E 24.485	7.664	78.809	7.381	.753	.109	.826	1.317	4.700	7.706	93.896	
2022 11-Month Total	11.117	34.442	22.572	7.121	75.252	7.339	.800	.108	.725	1.350	4.645	7.627	90.218	
2021 11-Month Total	10.619	32.620	21.341	6.461	71.041	7.393	.778	.108	.592	1.154	4.469	7.101	85.535	

^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.