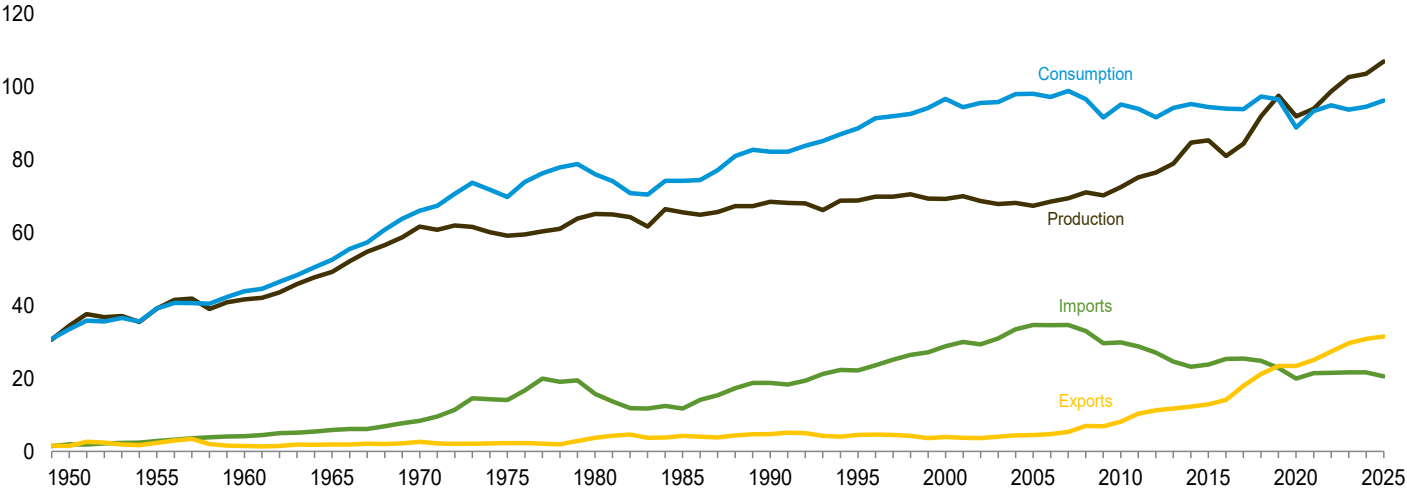


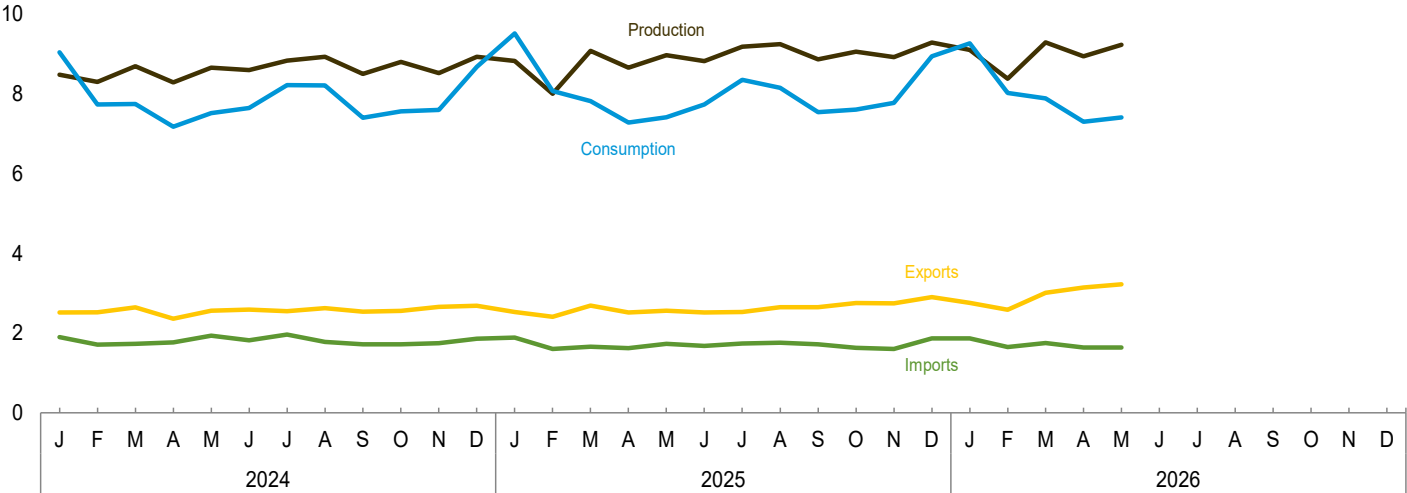
1. Energy Overview

Figure 1.1 Primary Energy Overview
(Quadrillion Btu)

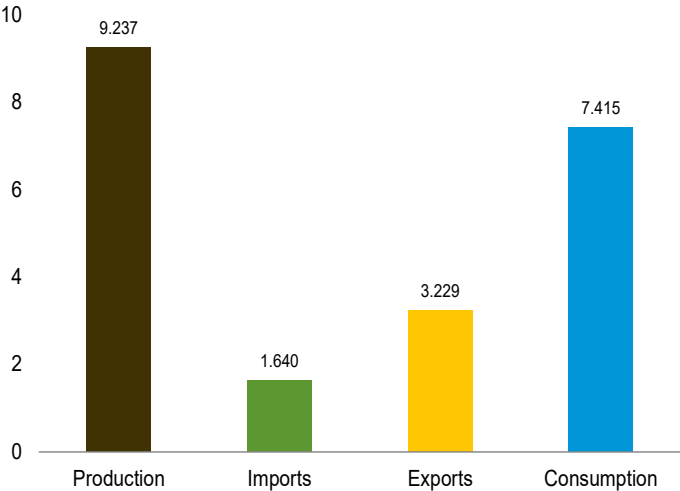
Overview, 1949–2025



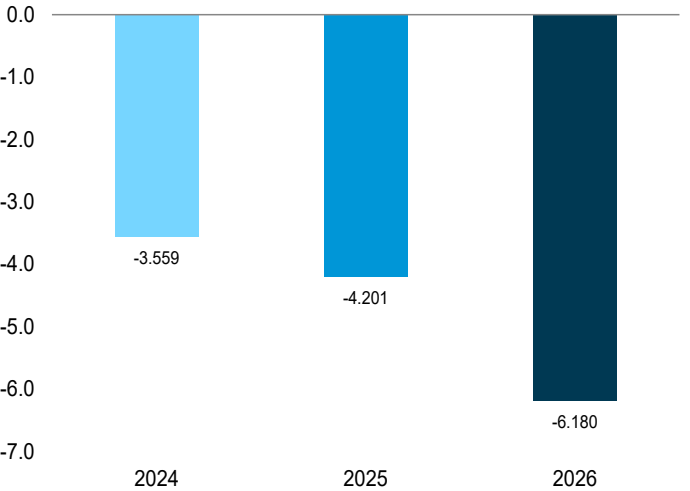
Overview, Monthly



Overview, May 2026



Net Imports, January–May



Web Page: <http://www.eia.gov/totalenergy/data/monthly/#summary>.
Source: Table 1.1.

Table 1.1 Primary Energy Overview
(Quadrillion Btu)

	Production				Trade			Stock Change and Other ^d	Consumption			
	Fossil Fuels ^a	Nuclear Electric Power	Renewable Energy ^b	Total	Imports	Exports	Net Imports ^c		Fossil Fuels ^e	Nuclear Electric Power	Renewable Energy ^b	Total ^f
1950 Total	32.553	0.000	1.907	34.460	1.913	1.465	0.448	-1.380	31.615	0.000	1.907	33.527
1955 Total	37.347	.000	1.821	39.168	2.790	2.286	.504	-.457	37.380	.000	1.821	39.215
1960 Total	39.855	.006	1.830	41.691	4.188	1.477	2.710	-.458	42.091	.006	1.830	43.942
1965 Total	47.205	.043	2.008	49.256	5.892	1.829	4.063	-.754	50.515	.043	2.008	52.565
1970 Total	59.152	.239	2.289	61.681	8.342	2.632	5.709	-1.354	63.501	.239	2.289	66.036
1975 Total	54.697	1.900	2.544	59.141	14.032	2.323	11.709	-1.062	65.323	1.900	2.544	69.788
1980 Total	58.979	2.739	3.445	65.164	15.796	3.695	12.101	-1.227	69.782	2.739	3.445	76.038
1985 Total	57.502	4.076	4.018	65.595	11.781	4.196	7.584	1.088	66.035	4.076	4.018	74.268
1990 Total	58.523	6.104	3.863	68.490	18.817	4.752	14.065	-.299	72.281	6.104	3.863	82.256
1995 Total	57.496	7.075	4.295	68.866	22.180	4.496	17.684	2.118	77.162	7.075	4.297	88.668
2000 Total	57.307	7.862	4.093	69.262	28.865	3.962	24.904	2.528	84.620	7.862	4.096	96.694
2005 Total	54.995	8.161	4.220	67.376	34.659	4.462	30.197	.527	85.623	8.161	4.233	98.101
2010 Total	58.159	8.434	5.943	72.536	29.866	8.176	21.690	.916	80.723	8.434	5.896	95.142
2011 Total	60.529	8.269	6.404	75.202	28.748	10.373	18.375	.389	79.263	8.269	6.308	93.967
2012 Total	62.298	8.062	6.187	76.547	27.068	11.267	15.801	-.670	77.304	8.062	6.151	91.678
2013 Total	64.180	8.244	6.561	78.985	24.623	11.788	12.835	2.433	79.224	8.244	6.587	94.253
2014 Total	69.599	8.338	6.833	84.770	23.241	12.270	10.971	-.409	80.017	8.338	6.796	95.332
2015 Total	70.174	8.337	6.840	85.351	23.794	12.902	10.892	-1.764	79.090	8.337	6.823	94.478
2016 Total	65.447	8.427	7.180	81.054	25.378	14.119	11.259	1.771	78.319	8.427	7.112	94.084
2017 Total	68.492	8.419	7.498	84.409	25.458	17.946	7.512	1.967	77.901	8.419	7.377	93.889
2018 Total	75.784	8.438	7.740	91.962	24.833	21.224	3.610	1.829	81.281	8.438	7.530	97.400
2019 Total	81.407	8.452	7.750	97.608	22.865	23.476	-.610	-.397	80.425	8.452	7.591	96.600
2020 Total	76.182	8.251	7.460	91.893	19.988	23.464	-3.476	.459	73.169	8.251	7.296	88.877
2021 Total	77.994	8.131	7.819	93.944	21.455	25.071	-3.616	3.047	77.454	8.131	7.656	93.375
2022 Total	82.250	8.061	8.450	98.761	21.507	27.335	-5.828	2.032	78.529	8.061	8.233	94.964
2023 Total	86.115	8.099	8.501	102.715	21.657	29.656	-7.999	-.970	77.262	8.099	8.320	93.746
2024 January	7.071	.721	.691	8.483	1.904	2.521	-.617	1.181	7.652	.721	.668	9.047
February	6.917	.674	.713	8.304	1.714	2.526	-.811	.243	6.363	.674	.698	7.736
March	7.253	.662	.779	8.694	1.736	2.650	-.914	-.032	6.330	.662	.758	7.748
April	6.926	.601	.764	8.291	1.770	2.362	-.591	-.517	5.832	.601	.752	7.182
May	7.207	.679	.778	8.663	1.939	2.564	-.625	-.516	6.067	.679	.776	7.522
June	7.111	.712	.778	8.602	1.824	2.595	-.771	-.179	6.171	.712	.763	7.651
July	7.349	.729	.760	8.839	1.967	2.551	-.583	-.031	6.738	.729	.749	8.224
August	7.442	.729	.759	8.930	1.785	2.625	-.840	.126	6.741	.729	.738	8.215
September	7.150	.654	.703	8.507	1.724	2.539	-.815	-.290	6.054	.654	.686	7.402
October	7.452	.614	.737	8.803	1.725	2.563	-.839	-.396	6.224	.614	.724	7.568
November	7.151	.646	.727	8.525	1.746	2.661	-.914	-.008	6.253	.646	.701	7.603
December	7.448	.744	.743	8.935	1.861	2.687	-.826	.575	7.220	.744	.713	8.683
Total	86.477	8.165	8.933	103.575	21.696	30.844	-9.147	.155	77.644	8.165	8.726	94.582
2025 January	7.331	.749	.753	8.832	1.893	R 2.530	R -.637	R 1.326	8.047	.749	.716	9.522
February	6.663	.646	.695	8.004	1.606	R 2.414	R -.808	R .879	6.753	.646	.670	8.074
March	7.612	.652	.816	R 9.080	1.663	R 2.693	R -1.030	R -.223	6.387	.652	.785	7.827
April	R 7.270	.605	.787	R 8.662	1.630	R 2.527	R -.896	R -.481	5.905	.605	.769	7.284
May	R 7.525	.649	.797	R 8.972	1.734	R 2.564	R -.829	-.726	5.995	.649	.764	7.416
June	R 7.335	.692	.794	R 8.821	1.680	R 2.518	R -.837	-.246	6.283	.692	.757	7.738
July	R 7.654	.739	.799	R 9.192	1.742	R 2.537	R -.795	R -.038	R 6.854	.739	.762	8.359
August	7.745	.738	.768	9.251	1.760	R 2.651	R -.891	R -.204	6.678	.738	.736	8.156
September	R 7.470	.684	.717	8.871	1.724	R 2.657	R -.933	R -.390	6.177	.684	.683	7.548
October	7.671	.618	.769	9.058	1.632	R 2.756	-1.124	R -.323	6.258	.618	.736	7.611
November	7.511	.666	.746	8.923	1.605	R 2.748	-1.143	R -.005	6.409	.666	.703	7.774
December	7.743	.757	.787	9.288	1.870	R 2.906	R -1.036	R .694	7.437	.757	.753	8.946
Total	R 89.530	8.195	9.229	R 106.954	20.540	R 31.500	R -10.960	R .262	79.184	8.195	8.835	96.256
2026 January	R 7.565	.765	.781	R 9.111	1.869	2.760	-.891	R 1.052	7.775	.765	.735	9.272
February	R 7.008	.651	.726	R 8.385	1.652	2.588	-.936	R .580	6.685	.651	.690	8.029
March	R 7.785	.648	.865	R 9.299	1.756	R 3.014	-1.258	R -.151	6.410	.648	.831	7.890
April	R 7.525	.599	R .820	R 8.944	1.640	R 3.147	R -1.506	R -.131	5.920	.599	.790	7.307
May	7.702	.679	.855	9.237	1.640	3.229	-1.588	-.234	5.916	.679	.820	7.415
5-Month Total	37.586	3.343	4.047	44.976	8.558	14.738	-6.180	1.117	32.706	3.343	3.866	39.912
2025 5-Month Total	36.401	3.301	3.848	43.549	8.527	12.727	-4.200	.774	33.087	3.301	3.703	40.124
2024 5-Month Total	35.372	3.337	3.725	42.434	9.064	12.623	-3.559	.359	32.243	3.337	3.651	39.235

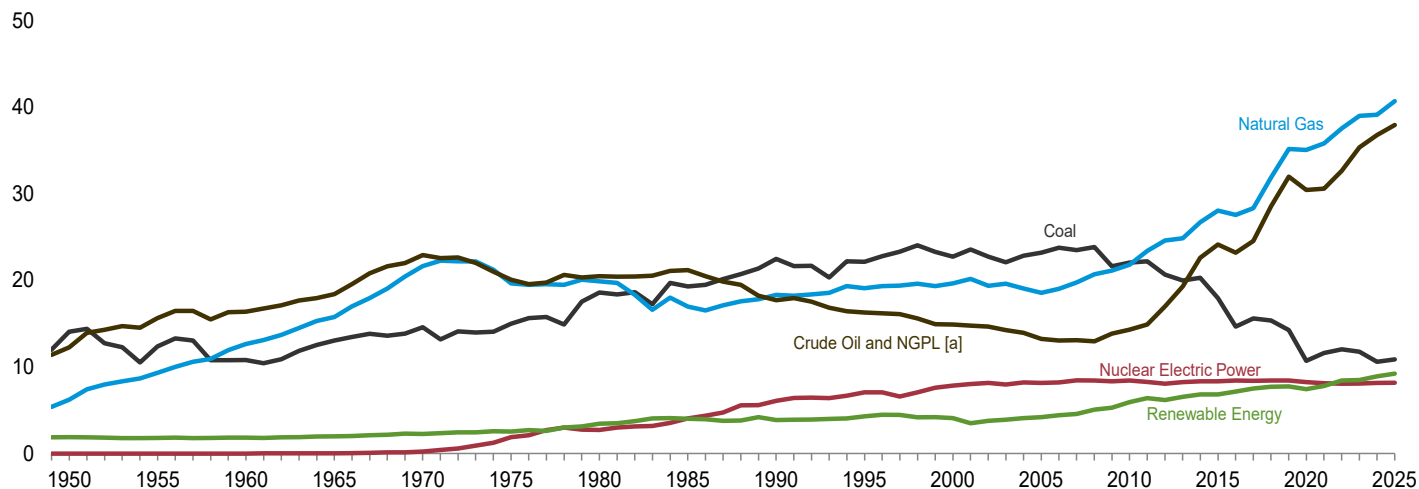
^a Coal, natural gas (dry), crude oil, and natural gas plant liquids.
^b See Tables 10.1–10.2c for notes on series components and estimation; and see Note, "Renewable Energy Production and Consumption," at end of Section 10.
^c Net imports equal imports minus exports.
^d Includes petroleum stock change and adjustments; natural gas net storage withdrawals and balancing item; coal stock change, losses, and unaccounted for; fuel ethanol stock change; and biodiesel stock change and balancing item.
^e Coal, coal coke net imports, natural gas, and petroleum.
^f Also includes electricity net imports.
R=Revised.

Notes: • See "Primary Energy," "Primary Energy Production," and "Primary Energy Consumption," 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: • **Production:** Table 1.2. • **Trade:** Tables 1.4a and 1.4b. • **Stock Change and Other:** Calculated as consumption minus production and net imports. • **Consumption:** Table 1.3.

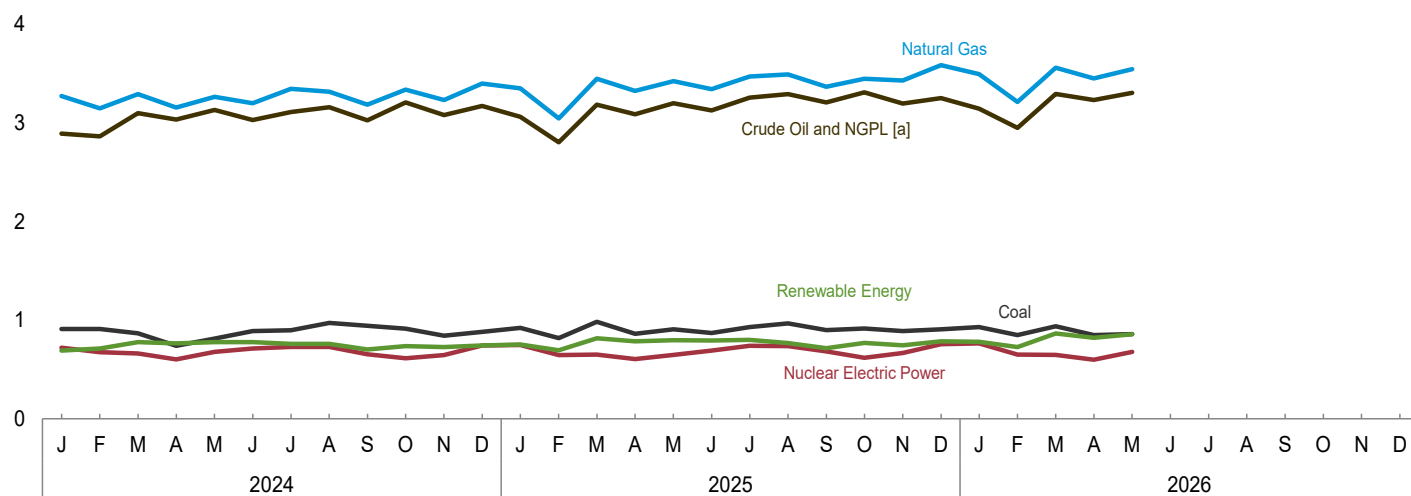
Figure 1.2 Primary Energy Production

(Quadrillion Btu)

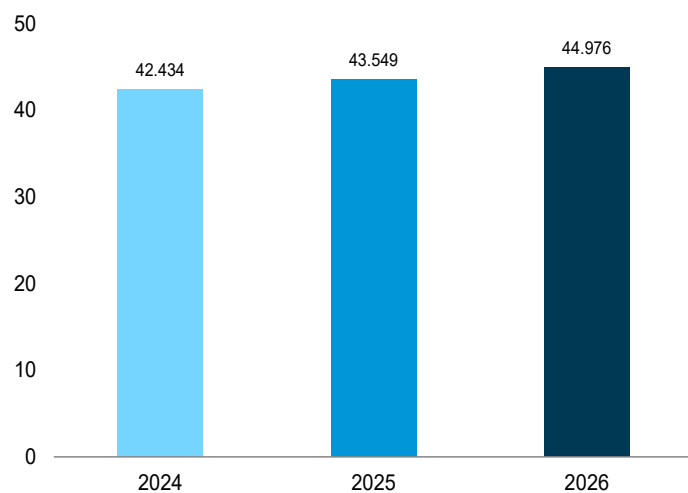
By Source, 1949–2025



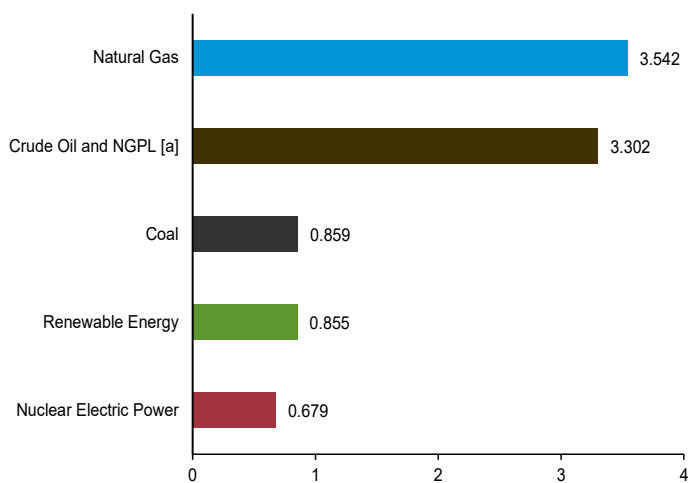
By Source, Monthly



Total, January–May



By Source, May 2026



[a] Natural gas plant liquids.

Web Page: <http://www.eia.gov/totalenergy/data/monthly/#summary>.

Source: Table 1.2.

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	84.770
2015 Total	17.946	28.067	19.685	4.476	70.174	8.337	.850	.118	.197	.651	5.025	6.840	85.351
2016 Total	14.667	27.576	18.539	4.665	65.447	8.427	.914	.117	.252	.774	5.122	7.180	81.054
2017 Total	15.625	28.325	19.555	4.987	68.492	8.419	1.025	.118	.331	.868	5.156	7.498	84.409
2018 Total	15.363	31.882	22.812	5.727	75.784	8.438	.998	.118	.388	.930	5.306	7.740	91.962
2019 Total	14.256	35.187	25.612	6.352	81.407	8.452	.982	.116	.435	1.010	5.207	7.750	97.608
2020 Total	10.703	35.062	23.612	6.805	76.182	8.251	.973	.118	.516	1.153	4.700	7.460	91.893
2021 Total	11.596	35.807	23.492	7.099	77.994	8.131	.858	.118	.636	1.290	4.916	7.819	93.944
2022 Total	12.043	37.560	24.905	7.742	82.250	8.061	.869	.118	.784	1.482	5.196	8.450	98.761
2023 Total	11.750	39.008	26.877	8.480	86.115	8.099	.836	.119	.907	1.437	5.202	8.501	102.715
2024 January	.911	3.271	2.208	.681	7.071	.721	.074	.010	.055	.119	.434	.691	8.483
February	.910	3.145	2.166	.696	6.917	.674	.071	.009	.067	.140	.425	.713	8.304
March	.866	3.289	2.326	.772	7.253	.662	.080	.010	.088	.154	.448	.779	8.694
April	.741	3.153	2.272	.760	6.926	.601	.071	.010	.102	.161	.420	.764	8.291
May	.814	3.263	2.338	.792	7.207	.679	.084	.010	.116	.134	.435	.778	8.663
June	.890	3.196	2.262	.764	7.111	.712	.076	.009	.123	.132	.437	.778	8.602
July	.897	3.344	2.330	.777	7.349	.729	.073	.010	.124	.097	.457	.760	8.839
August	.972	3.313	2.365	.792	7.442	.729	.070	.010	.122	.100	.458	.759	8.930
September	.942	3.184	2.248	.777	7.150	.654	.054	.009	.105	.100	.435	.703	8.507
October	.912	3.336	2.386	.818	7.452	.614	.052	.010	.099	.135	.441	.737	8.803
November	.844	3.229	2.286	.793	7.151	.646	.057	.010	.072	.137	.452	.727	8.525
December	.882	3.397	2.370	.799	7.448	.744	.067	.010	.066	.135	.465	.743	8.935
Total	10.579	39.121	27.557	9.221	86.477	8.165	.829	.116	1.138	1.542	5.308	8.933	103.575
2025 January	.922	E 3.349	E 2.317	.742	7.331	.749	.073	.010	.078	.149	.443	.753	8.832
February	.819	E 3.042	E 2.109	.693	6.663	.646	.067	.009	.083	.134	.402	.695	8.004
March	.983	RE 3.446	E 2.373	.810	7.612	.652	.077	.010	.116	.173	.441	.816	R 9.080
April	.863	RE 3.321	E 2.298	.788	R 7.270	.605	.078	.010	.132	.157	.411	.787	R 8.662
May	.907	RE 3.421	E 2.371	.826	R 7.525	.649	.083	.010	.144	.126	.434	.797	R 8.972
June	.871	RE 3.341	E 2.323	.801	R 7.335	.692	.076	.010	.153	.122	.435	.794	R 8.821
July	.930	RE 3.468	E 2.417	.838	R 7.654	.739	.068	.010	.159	.109	.453	.799	R 9.192
August	.967	E 3.489	E 2.436	.853	7.745	.738	.069	.010	.151	.093	.445	.768	9.251
September	.900	E 3.365	E 2.360	.845	R 7.470	.684	.052	.010	.134	.088	.434	.717	8.871
October	.916	E 3.447	E 2.445	.863	7.671	.618	.056	.010	.119	.135	.450	.769	9.058
November	.890	E 3.427	E 2.353	.840	7.511	.666	.063	.010	.091	.140	.443	.746	8.923
December	.909	E 3.585	E 2.408	.841	7.743	.757	.082	.010	.078	.161	.457	.787	9.288
Total	10.876	E 40.702	E 28.211	9.740	R 89.530	8.195	.843	.117	1.438	1.585	5.247	9.229	R 106.954
2026 January	R .928	E 3.493	E 2.346	.798	R 7.565	.765	.095	.010	.088	.152	.436	.781	R 9.111
February	R .849	E 3.210	E 2.184	.765	R 7.008	.651	.077	.009	.101	.135	.403	.726	R 8.385
March	R .938	RE 3.556	RE 2.421	.870	R 7.785	.648	.092	.010	.139	.178	.446	.865	R 9.299
April	.848	RE 3.448	RE 2.384	.846	R 7.525	.599	.077	.009	.150	.168	R .416	R .820	R 8.944
May	.859	E 3.542	E 2.419	.883	7.702	.679	.078	.010	.172	.140	.456	.855	9.237
5-Month Total ...	4.422	E 17.249	E 11.754	4.162	37.586	3.343	.418	.048	.650	.773	2.157	4.047	44.976
2025 5-Month Total ...	4.493	16.579	11.469	3.860	36.401	3.301	.377	.049	.552	.738	2.132	3.848	43.549
2024 5-Month Total ...	4.240	E 16.121	E 11.310	3.701	35.372	3.337	.379	.049	.427	.707	2.163	3.725	42.434

^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.

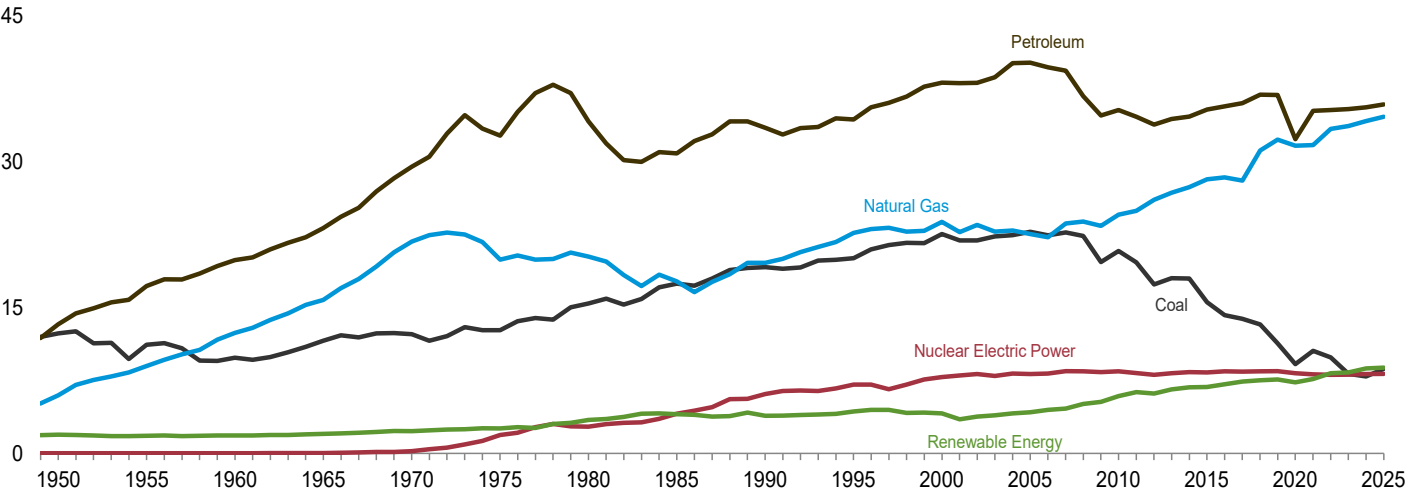
Notes: • See "Primary Energy Production" in Glossary. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

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.

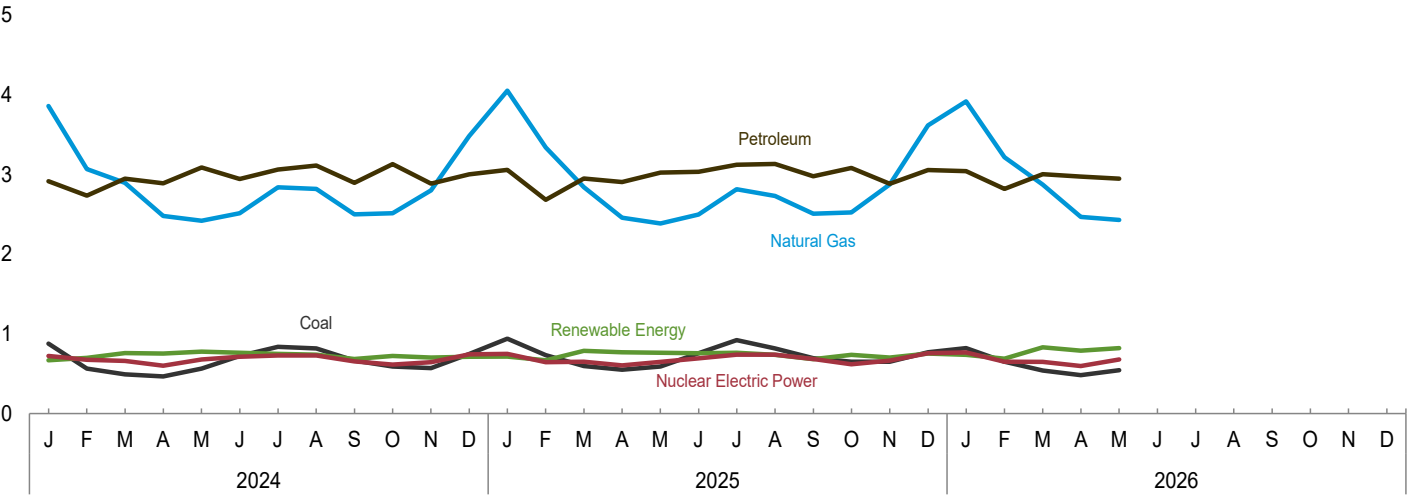
Sources: See end of section.

Figure 1.3 Primary Energy Consumption
(Quadrillion Btu)

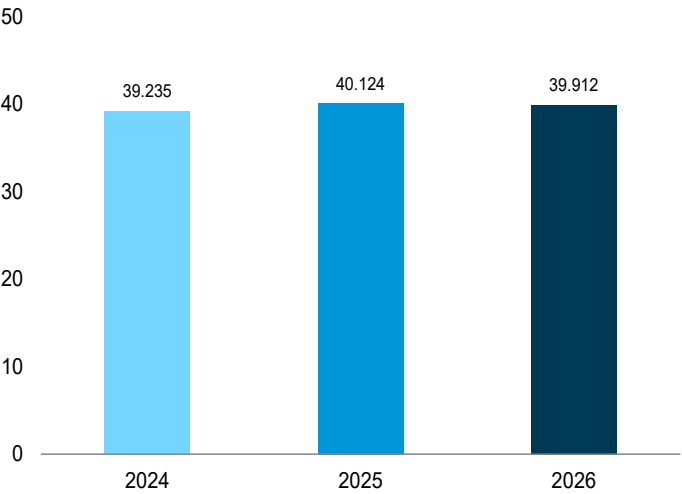
By Source, [a] 1949–2025



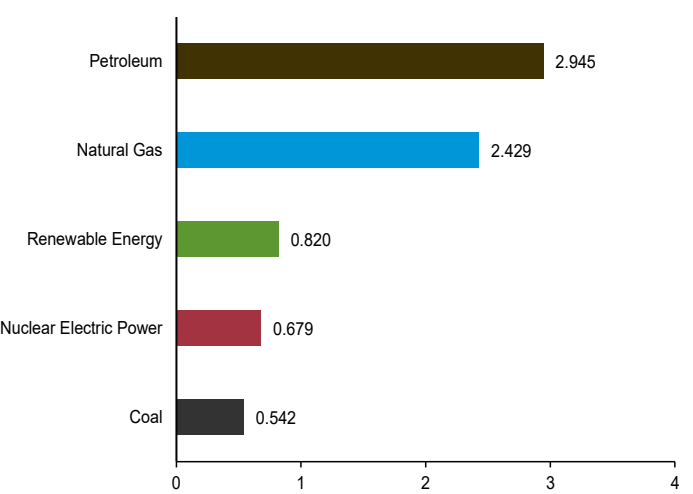
By Source, [a] Monthly



Total, January–May



By Source, [a] May 2026



[a] Small quantities of net imports of coal coke and electricity are not shown.
Web Page: <http://www.eia.gov/totalenergy/data/monthly/#summary>.
Source: Table 1.3.

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	Petro- leum ^d	Total ^e		Hydro- electric Power ^f	Geo- thermal	Solar	Wind	Bio- mass	Total	
1950 Total	12.347	5.968	13.298	31.615	0.000	0.344	NA	NA	NA	1.562	1.907	33.527
1955 Total	11.167	8.998	17.225	37.380	.000	.397	NA	NA	NA	1.424	1.821	39.215
1960 Total	9.838	12.385	19.874	42.091	.006	.510	(s)	NA	NA	1.320	1.830	43.942
1965 Total	11.581	15.769	23.184	50.515	.043	.672	.001	NA	NA	1.335	2.008	52.565
1970 Total	12.265	21.795	29.499	63.501	.239	.856	.002	NA	NA	1.431	2.289	66.036
1975 Total	12.663	19.948	32.699	65.323	1.900	1.034	.011	NA	NA	1.499	2.544	69.788
1980 Total	15.423	20.235	34.159	69.782	2.739	.953	.017	NA	NA	2.475	3.445	76.038
1985 Total	17.478	17.703	30.866	66.035	4.076	.970	.032	(s)	(s)	3.016	4.018	74.268
1990 Total	19.173	19.603	33.500	72.281	6.104	.999	.063	.056	.010	2.735	3.863	82.256
1995 Total	20.089	22.671	34.341	77.162	7.075	1.061	.060	.064	.011	3.101	4.297	88.668
2000 Total	22.580	23.824	38.152	84.620	7.862	.940	.069	.059	.019	3.008	4.096	96.694
2005 Total	22.797	22.565	40.217	85.623	8.161	.922	.084	.052	.061	3.114	4.233	98.101
2010 Total	20.834	24.575	35.321	80.723	8.434	.888	.111	.068	.323	4.506	5.896	95.142
2011 Total	19.658	24.955	34.639	79.263	8.269	1.090	.116	.076	.410	4.616	6.308	93.967
2012 Total	17.378	26.089	33.833	77.304	8.062	.943	.117	.094	.480	4.517	6.151	91.678
2013 Total	18.039	26.805	34.398	79.224	8.244	.916	.117	.120	.573	4.861	6.587	94.253
2014 Total	17.998	27.383	34.658	80.017	8.338	.885	.118	.161	.620	5.013	6.796	95.332
2015 Total	15.549	28.191	35.368	79.090	8.337	.850	.118	.197	.651	5.008	6.823	94.478
2016 Total	14.226	28.400	35.712	78.319	8.427	.914	.117	.252	.774	5.053	7.112	94.084
2017 Total	13.837	28.049	36.043	77.901	8.419	1.025	.118	.331	.868	5.035	7.377	93.889
2018 Total	13.252	31.163	36.892	81.281	8.438	.998	.118	.388	.930	5.096	7.530	97.400
2019 Total	11.316	32.264	36.866	80.425	8.452	.982	.116	.435	1.010	5.048	7.591	96.600
2020 Total	9.181	31.669	32.331	73.169	8.251	.973	.118	.516	1.153	4.535	7.296	88.877
2021 Total	10.549	31.711	35.243	77.454	8.131	.858	.118	.636	1.290	4.753	7.656	93.375
2022 Total	9.888	33.379	35.319	78.529	8.061	.869	.118	.784	1.482	4.980	8.233	94.964
2023 Total	8.171	33.676	35.448	77.262	8.099	.836	.119	.907	1.437	5.021	8.320	93.746
2024 January	.879	3.859	2.914	7.652	.721	.074	.010	.055	.119	.411	.668	9.047
February	.562	3.069	2.734	6.363	.674	.071	.009	.067	.140	.410	.698	7.736
March	.494	2.896	2.944	6.330	.662	.080	.010	.088	.154	.427	.758	7.748
April	.467	2.480	2.888	5.832	.601	.071	.010	.102	.161	.408	.752	7.182
May	.563	2.417	3.089	6.067	.679	.084	.010	.116	.134	.433	.776	7.522
June	.721	2.513	2.942	6.171	.712	.076	.009	.123	.132	.422	.763	7.651
July	.838	2.839	3.062	6.738	.729	.073	.010	.124	.097	.446	.749	8.224
August	.818	2.816	3.111	6.741	.729	.070	.010	.122	.100	.437	.738	8.215
September	.664	2.498	2.896	6.054	.654	.054	.009	.105	.100	.418	.686	7.402
October	.589	2.513	3.127	6.224	.614	.052	.010	.099	.135	.428	.724	7.568
November	.570	2.802	2.885	6.253	.646	.057	.010	.072	.137	.425	.701	7.603
December	.747	3.478	2.999	7.220	.744	.067	.010	.066	.135	.435	.713	8.683
Total	7.912	34.179	35.590	77.644	8.165	.829	.116	1.138	1.542	5.101	8.726	94.582
2025 January	.940	4.051	3.057	8.047	.749	.073	.010	.078	.149	.406	.716	9.522
February	.733	3.339	2.682	6.753	.646	.067	.009	.083	.134	.377	.670	8.074
March	.597	2.841	2.950	6.387	.652	.077	.010	.116	.173	.410	.785	7.827
April	.549	2.455	2.904	5.905	.605	.078	.010	.132	.157	.393	.769	7.284
May	.590	2.384	3.024	5.995	.649	.083	.010	.144	.126	.401	.764	7.416
June	.755	2.497	3.033	6.283	.692	.076	.010	.153	.122	.397	.757	7.738
July	.921	2.814	3.123	6.854	.739	.068	.010	.159	.109	.416	.762	8.359
August	.817	2.730	3.133	6.678	.738	.069	.010	.151	.093	.413	.736	8.156
September	.695	2.506	2.976	6.177	.684	.052	.010	.134	.088	.400	.683	7.548
October	.652	2.524	3.082	6.258	.618	.056	.010	.119	.135	.416	.736	7.611
November	.651	2.874	2.882	6.409	.666	.063	.010	.091	.140	.400	.703	7.774
December	.771	3.614	3.053	7.437	.757	.082	.010	.078	.161	.423	.753	8.946
Total	8.671	34.631	35.899	79.184	8.195	.843	.117	1.438	1.585	4.853	8.835	96.256
2026 January	.820	3.916	3.040	7.775	.765	.095	.010	.088	.152	.390	.735	9.272
February	.653	3.216	2.818	6.685	.651	.077	.009	.101	.135	.368	.690	8.029
March	.539	2.871	3.002	6.410	.648	.092	.010	.139	.178	.412	.831	7.890
April	.481	2.467	2.974	5.920	.599	.077	.009	.150	.168	.386	.790	7.307
May	.542	2.429	2.945	5.916	.679	.078	.010	.172	.140	.420	.820	7.415
5-Month Total	3.036	14.899	14.779	32.706	3.343	.418	.048	.650	.773	1.976	3.866	39.912
2025 5-Month Total	3.409	15.071	14.616	33.087	3.301	.377	.049	.552	.738	1.987	3.703	40.124
2024 5-Month Total	2.966	14.721	14.569	32.243	3.337	.379	.049	.427	.707	2.089	3.651	39.235

^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 Table 1.4c.

^f Conventional hydroelectric power.

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

separately displayed. See Table 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.

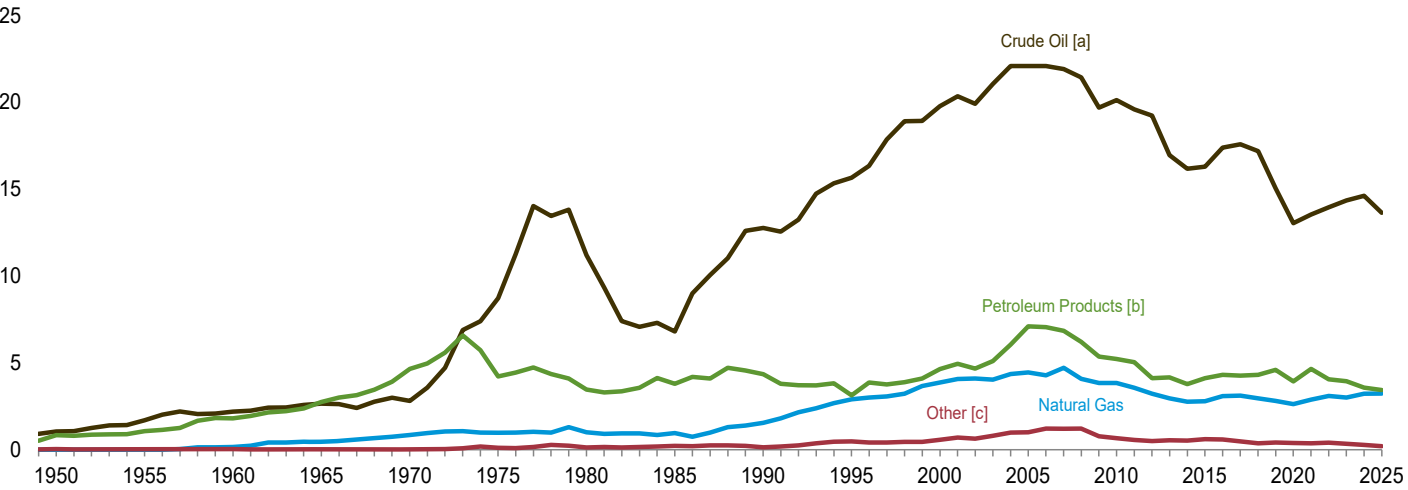
• Geographic coverage is the 50 states and the District of Columbia.

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.

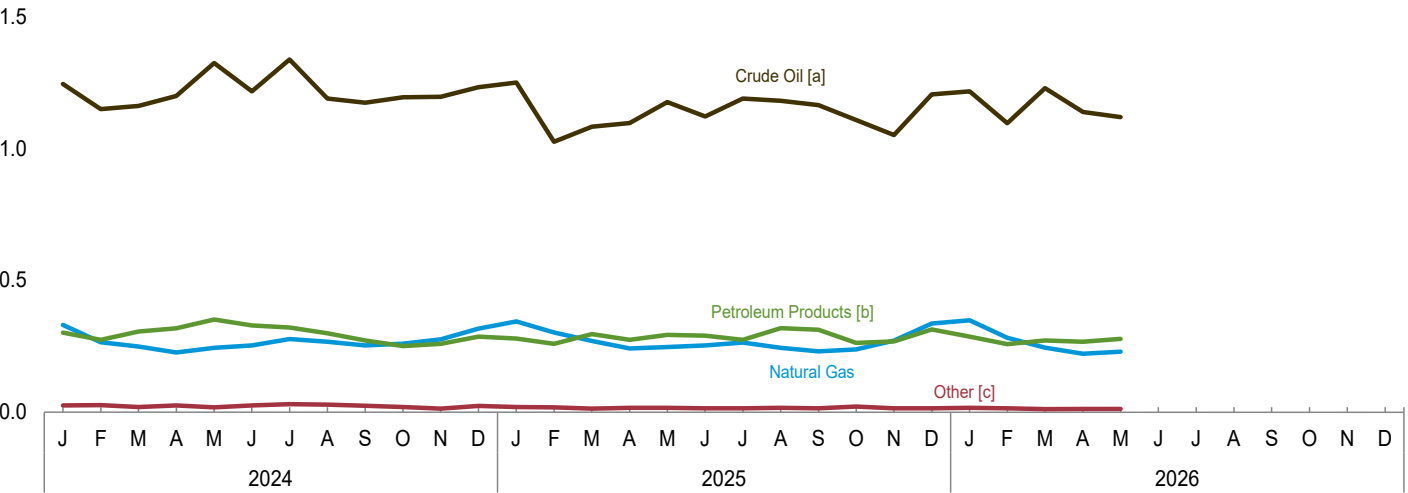
Sources: See end of section.

Figure 1.4a Primary Energy Imports
(Quadrillion Btu)

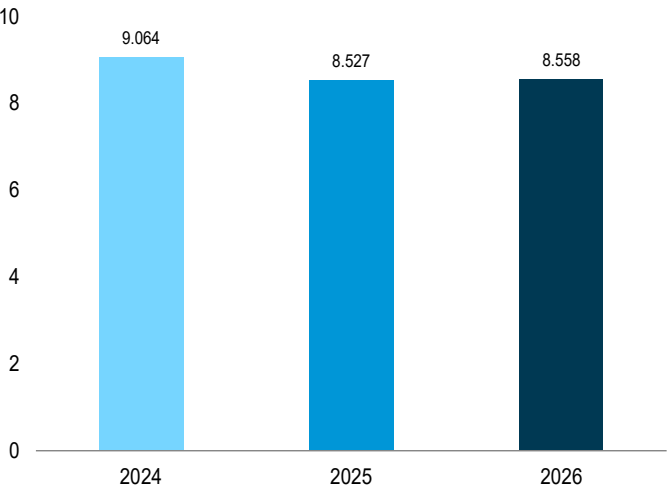
By Source, 1949–2025



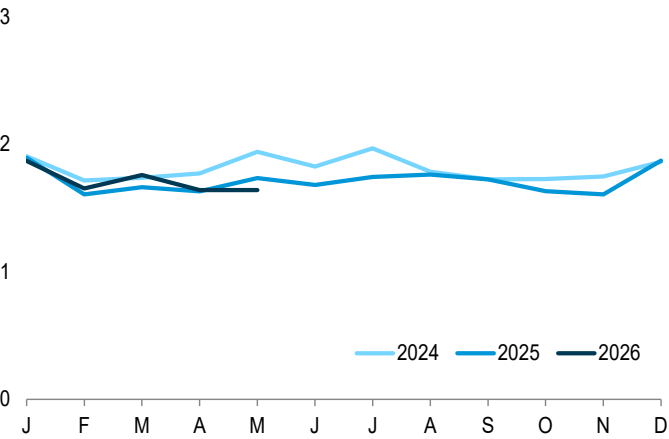
By Source, Monthly



Total, January–May



Total, Monthly



[a] Crude oil and lease condensate, includes imports into the Strategic Petroleum Reserve, which began in 1977.
[b] Petroleum products, unfinished oils, natural gasoline, and gasoline blending components. Does not include biofuels.

[c] Coal, coal coke, biomass, and electricity.
Web Page: <http://www.eia.gov/totalenergy/data/monthly/#summary>.
Source: Table 1.4a.

Table 1.4a Primary Energy Imports by Source
(Quadrillion Btu)

	Imports								
	Coal	Coal Coke	Natural Gas	Petroleum			Biomass ^c	Electricity	Total
				Crude Oil ^a	Petroleum Products ^b	Total			
1950 Total	0.009	0.011	0.000	1.056	0.830	1.886	NA	0.007	1.913
1955 Total	.008	.003	.011	1.691	1.061	2.752	NA	.016	2.790
1960 Total	.007	.003	.161	2.196	1.802	3.999	NA	.018	4.188
1965 Total	.005	.002	.471	2.654	2.748	5.402	NA	.012	5.892
1970 Total	.001	.004	.846	2.814	4.656	7.470	NA	.021	8.342
1975 Total	.024	.045	.978	8.721	4.227	12.948	NA	.038	14.032
1980 Total	.030	.016	1.006	11.195	3.463	14.658	NA	.085	15.796
1985 Total	.049	.014	.952	6.814	3.796	10.609	NA	.157	11.781
1990 Total	.067	.019	1.551	12.766	4.351	17.117	NA	.063	18.817
1995 Total	.237	.095	2.901	15.669	3.131	18.800	.001	.146	22.180
2000 Total	.313	.094	3.869	19.783	4.641	24.424	(s)	.166	28.865
2005 Total	.762	.088	4.450	22.091	7.108	29.198	.012	.150	34.659
2010 Total	.484	.030	3.834	20.140	5.219	25.359	.004	.154	29.866
2011 Total	.327	.035	3.555	19.595	5.038	24.633	.019	.178	28.748
2012 Total	.212	.028	3.216	19.239	4.122	23.361	.049	.202	27.068
2013 Total	.199	.003	2.955	16.957	4.169	21.126	.102	.236	24.623
2014 Total	.252	.002	2.763	16.178	3.773	19.951	.046	.227	23.241
2015 Total	.256	.003	2.786	16.299	4.111	20.410	.079	.259	23.794
2016 Total	.220	.006	3.082	17.392	4.309	21.700	.123	.248	25.378
2017 Total	.168	.001	3.109	17.597	4.277	21.874	.081	.224	25.458
2018 Total	.122	.003	2.961	17.192	4.309	21.501	.048	.199	24.833
2019 Total	.138	.003	2.810	15.045	4.596	19.641	.072	.201	22.865
2020 Total	.105	.004	2.615	13.044	3.937	16.980	.074	.210	19.988
2021 Total	.109	.003	2.878	13.539	4.661	18.200	.083	.181	21.455
2022 Total	.135	.002	3.100	13.951	4.052	18.003	.073	.194	21.507
2023 Total	.088	.005	3.001	14.362	3.954	18.316	.114	.133	21.657
2024 January	.002	(s)	.331	1.245	.302	1.547	.011	.012	1.904
February	.004	(s)	.265	1.149	.274	1.423	.015	.009	1.714
March	.002	(s)	.249	1.161	.306	1.467	.010	.008	1.736
April	.006	(s)	.227	1.199	.318	1.517	.013	.006	1.770
May	.002	(s)	.244	1.324	.352	1.676	.011	.006	1.939
June	.005	(s)	.253	1.216	.329	1.545	.012	.010	1.824
July	.004	.001	.278	1.337	.321	1.659	.012	.014	1.967
August	.007	.001	.267	1.189	.300	1.488	.010	.012	1.785
September	.006	(s)	.253	1.174	.272	1.446	.009	.011	1.724
October	.003	.001	.260	1.194	.251	1.444	.007	.010	1.725
November	.004	(s)	.277	1.196	.259	1.455	.004	.006	1.746
December	.003	(s)	.317	1.232	.287	1.519	.009	.012	1.861
Total	.047	.003	3.223	14.616	3.570	18.186	.123	.113	21.696
2025 January	.006	(s)	.344	1.250	.280	1.529	(s)	.014	1.893
February	.005	(s)	.303	1.026	.259	1.285	.003	.011	1.606
March	.004	(s)	.270	1.082	.297	1.379	.002	.008	1.663
April	.006	.001	.242	1.097	.274	1.371	(s)	.010	1.630
May	.005	.001	.247	1.176	.294	1.470	.001	.011	1.734
June	R .006	(s)	.253	1.121	.291	1.412	.001	.009	1.680
July	R .004	.001	.264	1.189	.274	1.463	.001	.007	1.742
August	.006	.001	.244	1.181	.319	1.499	.002	.008	1.760
September	.005	.001	.231	1.164	.313	1.477	.002	.008	1.724
October	.008	.002	.238	1.108	.263	1.372	.006	.005	1.632
November	.008	.002	.271	1.051	.268	1.320	.001	.004	1.605
December	.005	.001	.336	1.205	.314	1.518	.003	.006	1.870
Total	.067	.009	3.243	13.650	3.445	17.095	.023	.103	20.540
2026 January	.009	.001	.348	1.216	.287	1.503	(s)	.007	1.869
February	.006	(s)	.283	1.096	.258	1.354	.001	.008	1.652
March	.002	(s)	.245	1.228	.272	1.500	.001	.008	1.756
April	.007	.001	.222	1.138	.267	1.405	.000	.006	1.640
May	.006	.001	.230	1.119	.279	1.398	(s)	.006	1.640
5-Month Total	.030	.003	1.328	5.797	1.363	7.159	.003	.035	8.558
2025 5-Month Total	.025	.002	1.405	5.631	1.403	7.034	.007	.054	8.527
2024 5-Month Total	.016	.001	1.317	6.078	1.552	7.630	.060	.041	9.064

^a Crude oil and lease condensate. Includes imports into the Strategic Petroleum Reserve, which began in 1977.

^b Petroleum products, unfinished oils, natural gasoline, and gasoline blending components. Does not include biofuels.

^c Beginning in 1993, includes fuel ethanol (minus denaturant). Beginning in 2001, also includes biodiesel. Beginning in 2011, also includes renewable diesel fuel. Beginning in 2021, also includes other biofuels.

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

Notes: • See "Primary Energy" in Glossary. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

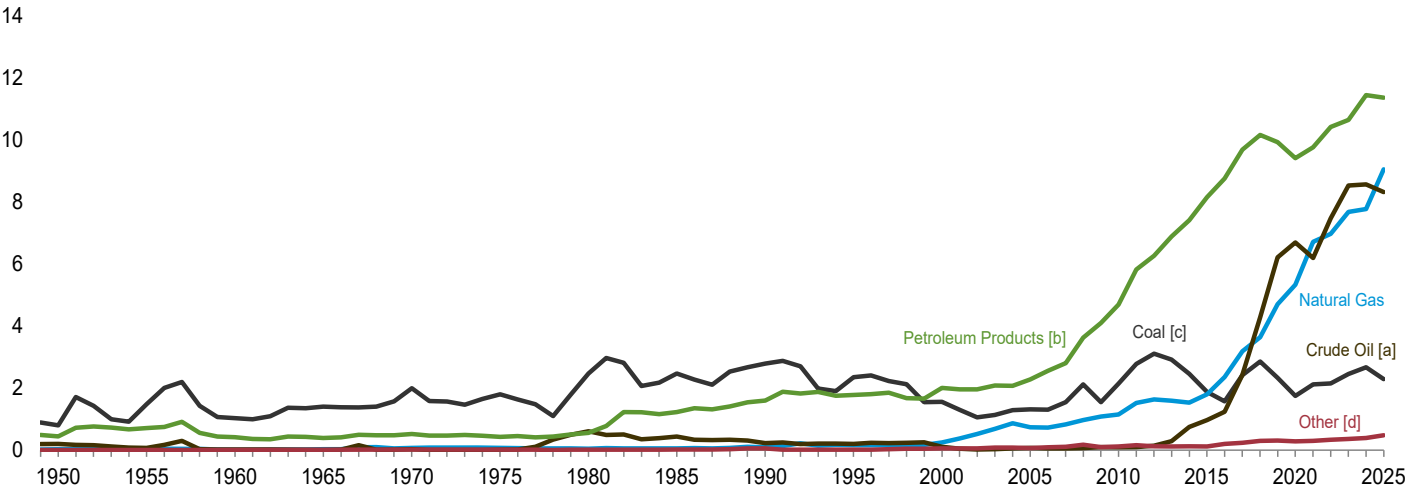
Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#summary> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: See end of section.

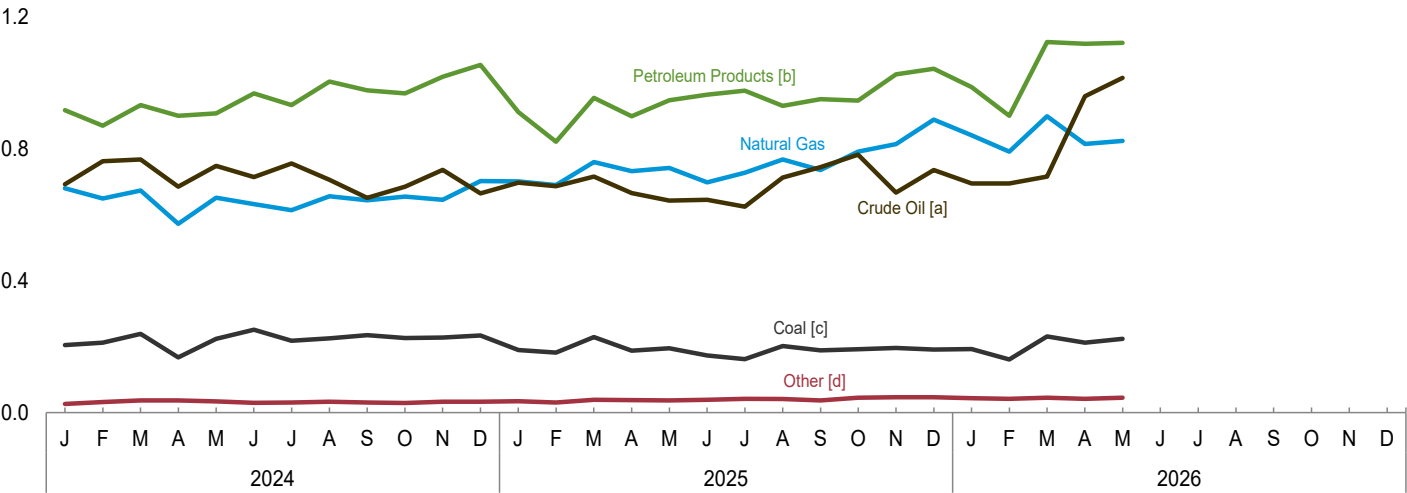
Figure 1.4b Primary Energy Exports

(Quadrillion Btu)

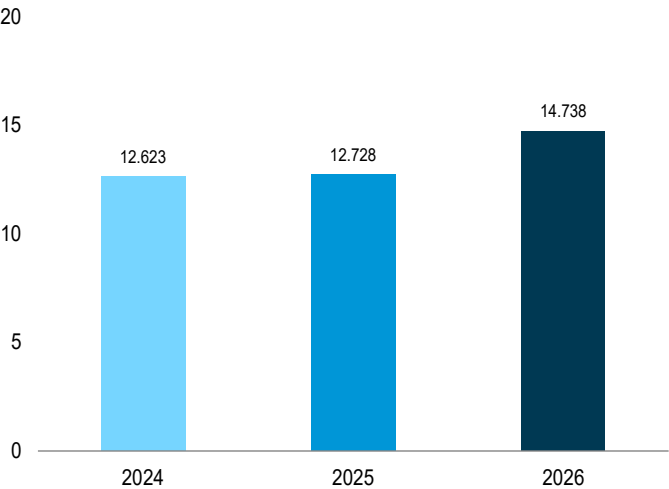
By Source, 1949–2025



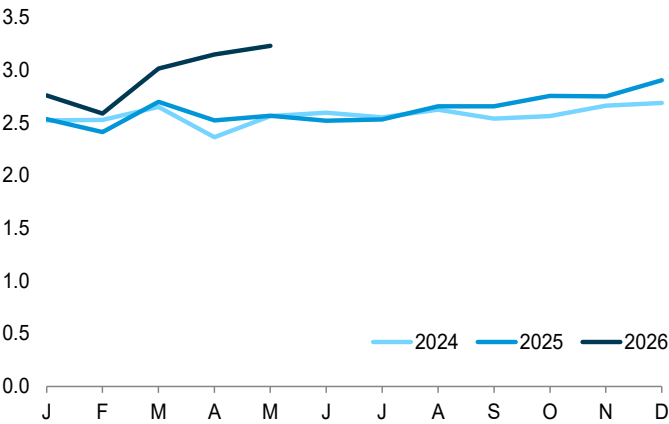
By Source, Monthly



Total, January–May



Total, Monthly



[a] Crude oil and lease condensate.
[b] Petroleum products, unfinished oils, natural gasoline, and gasoline blending components. Does not include biofuels.
[c] Includes coal coke.

[d] Biomass and electricity
Web Page: <http://www.eia.gov/totalenergy/data/monthly/#summary>.
Source: Table 1.4b.

Table 1.4b Primary Energy Exports by Source
(Quadrillion Btu)

	Exports								
	Coal	Coal Coke	Natural Gas	Petroleum			Biomass ^c	Electricity	Total
				Crude Oil ^a	Petroleum Products ^b	Total			
1950 Total	0.786	0.010	0.027	0.202	0.440	0.642	NA	0.001	1.465
1955 Total	1.465	.013	.032	.067	.707	.774	NA	.002	2.286
1960 Total	1.023	.009	.012	.018	.413	.431	NA	.003	1.477
1965 Total	1.376	.021	.027	.006	.386	.392	NA	.013	1.829
1970 Total	1.936	.061	.072	.029	.520	.549	NA	.014	2.632
1975 Total	1.761	.032	.074	.012	.427	.439	NA	.017	2.323
1980 Total	2.421	.051	.049	.609	.551	1.160	NA	.014	3.695
1985 Total	2.438	.028	.056	.432	1.225	1.657	NA	.017	4.196
1990 Total	2.772	.014	.087	.230	1.594	1.824	NA	.055	4.752
1995 Total	2.318	.034	.156	.200	1.776	1.976	NA	.012	4.496
2000 Total	1.528	.028	.245	.106	2.003	2.110	NA	.051	3.962
2005 Total	1.273	.043	.735	.067	2.276	2.344	(s)	.065	4.462
2010 Total	2.101	.036	1.147	.088	4.691	4.780	.047	.065	8.176
2011 Total	2.751	.024	1.519	.100	5.820	5.919	.108	.051	10.373
2012 Total	3.087	.024	1.633	.143	6.261	6.404	.078	.041	11.267
2013 Total	2.895	.021	1.587	.284	6.886	7.170	.076	.039	11.788
2014 Total	2.435	.023	1.528	.744	7.414	8.158	.081	.045	12.270
2015 Total	1.852	.021	1.800	.964	8.153	9.118	.080	.031	12.902
2016 Total	1.546	.025	2.356	1.238	8.752	9.990	.181	.021	14.119
2017 Total	2.388	.030	3.182	2.424	9.684	12.108	.206	.032	17.946
2018 Total	2.824	.029	3.640	4.277	10.158	14.434	.249	.047	21.224
2019 Total	2.305	.024	4.700	6.212	9.926	16.139	.240	.068	23.476
2020 Total	1.725	.017	5.332	6.699	9.410	16.108	.234	.048	23.464
2021 Total	2.061	.052	6.712	6.191	9.761	15.952	.247	.047	25.071
2022 Total	2.093	.057	6.969	7.468	10.417	17.885	.278	.054	27.335
2023 Total	2.411	.038	7.679	8.535	10.641	19.176	.285	.068	29.656
2024 January	.204	.001	.680	.692	.917	1.609	.021	.006	2.521
February	.210	.002	.649	.762	.870	1.632	.024	.008	2.526
March	.234	.004	.674	.768	.932	1.700	.029	.009	2.650
April	.164	.004	.572	.685	.900	1.584	.029	.008	2.362
May	.221	.002	.652	.748	.907	1.654	.028	.006	2.564
June	.246	.005	.632	.714	.968	1.682	.025	.005	2.595
July	.216	.002	.614	.756	.932	1.688	.026	.005	2.551
August	.221	.005	.656	.706	1.004	1.711	.029	.004	2.625
September	.232	.003	.644	.651	.977	1.628	.028	.003	2.539
October	.221	.005	.655	.685	.968	1.653	.026	.003	2.563
November	.225	.003	.645	.736	1.018	1.754	.029	.004	2.661
December	.230	.004	.702	.665	1.054	1.719	.028	.004	2.687
Total	2.624	.040	7.776	8.568	11.448	20.015	.322	.066	30.844
2025 January	R .185	.001	.701	.697	.911	1.608	.031	.004	R 2.530
February	R .183	.001	.690	.687	.821	1.509	.027	.004	R 2.414
March	R .223	.001	.760	.716	.954	1.670	.033	.005	R 2.693
April	R .191	.003	.732	.666	.898	1.563	.033	.004	R 2.527
May	R .191	.003	.742	.643	.947	1.590	.034	.003	R 2.564
June	R .169	.003	.698	.645	.964	1.609	.036	.003	R 2.518
July	R .165	R .004	.727	.624	.976	1.599	.038	.004	R 2.537
August	R .196	.003	.768	.713	.930	1.643	.037	.004	R 2.651
September	R .189	.002	.735	.744	.950	1.693	.034	.004	R 2.657
October	R .191	.002	.791	.782	.946	1.728	.038	.007	R 2.756
November	R .193	.001	.814	.667	1.026	1.693	.040	.008	R 2.748
December	R .191	.002	.889	.735	1.043	1.778	.038	.009	R 2.906
Total	R 2.266	.026	9.046	8.318	11.365	19.683	.418	.060	R 31.500
2026 January	.192	.001	.841	.695	.987	1.682	.034	.010	2.760
February	.159	.002	.791	.695	.900	1.595	.035	.007	2.588
March	.228	.002	R .898	.716	1.124	1.841	.037	.008	R 3.014
April	.209	.003	.815	.959	1.118	2.077	R .035	.007	R 3.147
May	.223	.001	.824	1.015	1.121	2.136	.039	.006	3.229
5-Month Total	1.011	.010	4.169	4.081	5.250	9.331	.179	.038	14.738
2025 5-Month Total	.973	.010	3.624	3.409	4.531	7.940	.158	.021	12.727
2024 5-Month Total	1.033	.014	3.228	3.654	4.526	8.180	.131	.037	12.623

^a Crude oil and lease condensate.

^b Petroleum products, unfinished oils, natural gasoline, and gasoline blending components. Does not include biofuels.

^c Beginning in 2001, includes biodiesel. Beginning in 2010, also includes fuel ethanol (minus denaturant). Beginning in 2016, also includes wood and wood-derived fuels. Beginning in 2025, also includes renewable diesel fuel and other biofuels.

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

Notes: • See "Primary Energy" in Glossary. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

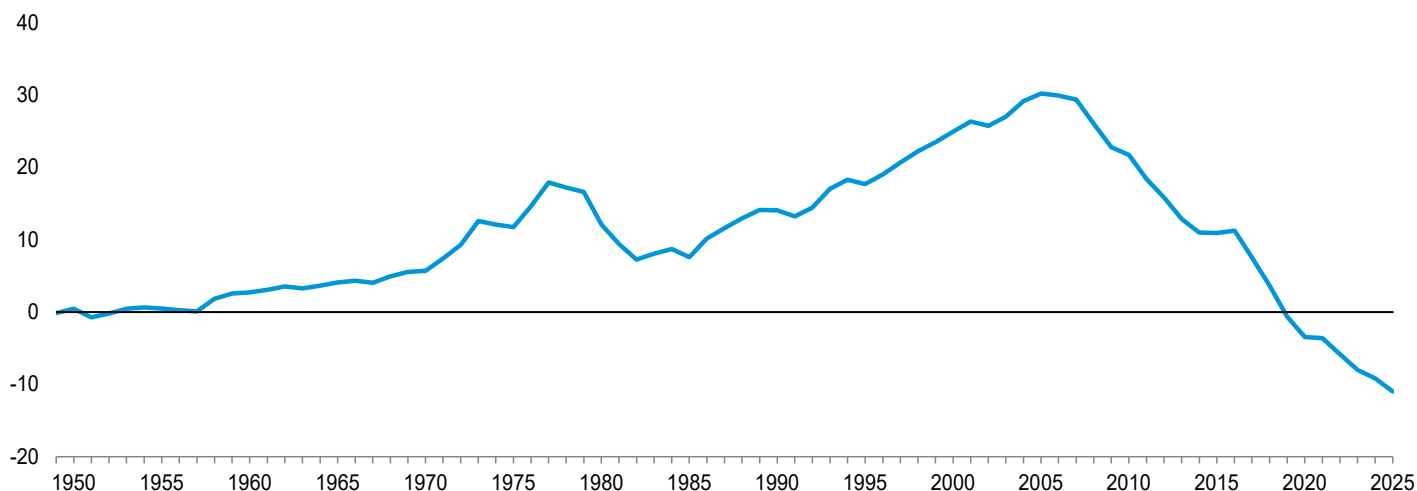
Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#summary> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: See end of section.

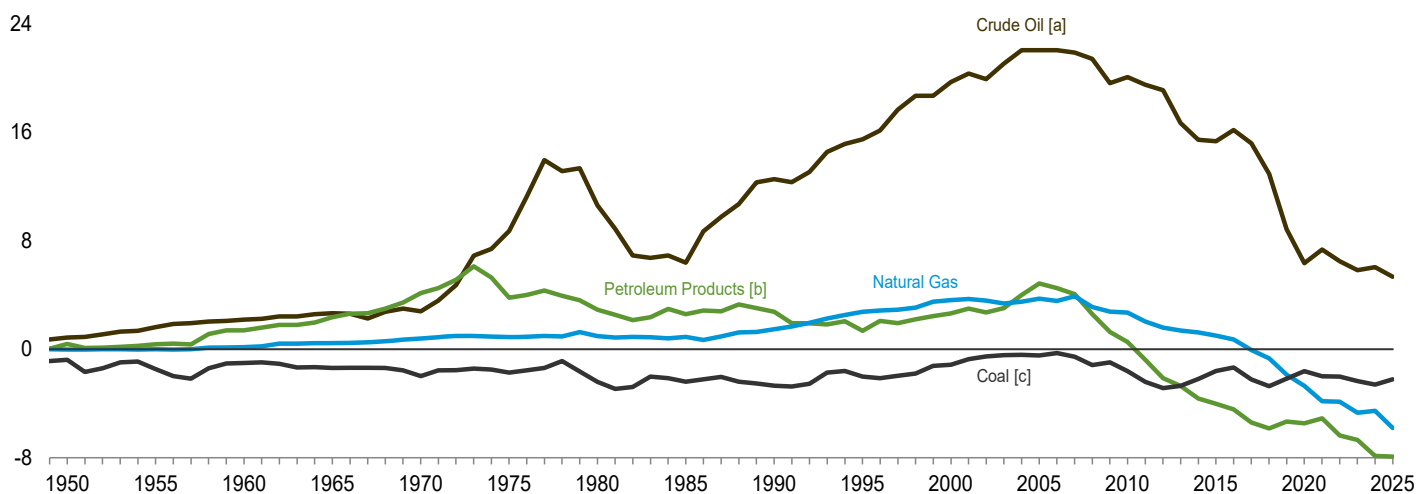
Figure 1.4c Primary Energy Net Imports

(Quadrillion Btu)

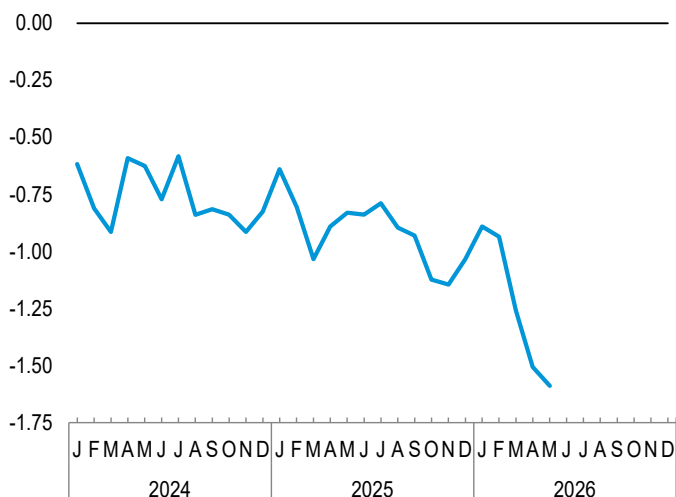
Total, 1949–2025



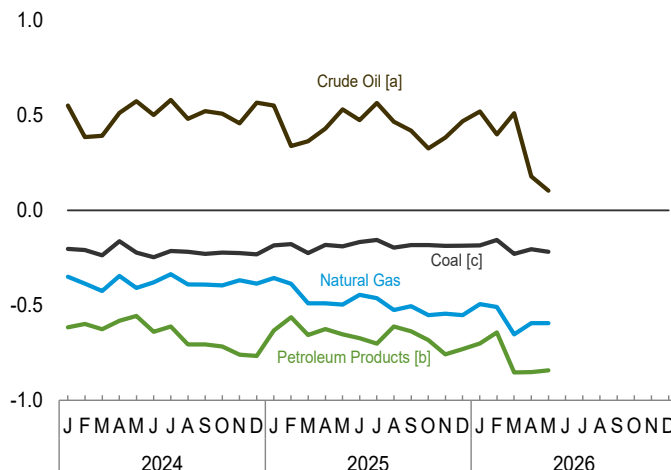
By Major Source, 1949–2025



Total, Monthly



By Major Source, Monthly



[a] Crude oil and lease condensate. Includes imports into the Strategic Petroleum Reserve, which began in 1977.

[b] Petroleum products, unfinished oils, natural gasoline, and gasoline blending components. Does not include biofuels.

[c] Includes coal coke.

Web Page: <http://www.eia.gov/totalenergy/data/monthly/#summary>.

Source: Table 1.4c.

Table 1.4c Primary Energy Net Imports by Source
(Quadrillion Btu)

	Net Imports ^a								
	Coal	Coal Coke	Natural Gas	Petroleum			Biomass ^d	Electricity	Total
				Crude Oil ^b	Petroleum Products ^c	Total			
1950 Total	-0.777	0.001	-0.027	0.854	0.390	1.244	NA	0.006	0.448
1955 Total	-1.456	-.010	-.021	1.624	.354	1.978	NA	.014	.504
1960 Total	-1.017	-.006	.149	2.178	1.389	3.568	NA	.015	2.710
1965 Total	-1.372	-.018	.444	2.648	2.362	5.010	NA	(s)	4.063
1970 Total	-1.935	-.058	.774	2.785	4.136	6.921	NA	.007	5.709
1975 Total	-1.738	.014	.904	8.708	3.800	12.508	NA	.021	11.709
1980 Total	-2.391	-.035	.957	10.586	2.912	13.499	NA	.071	12.101
1985 Total	-2.389	-.013	.896	6.381	2.570	8.952	NA	.140	7.584
1990 Total	-2.705	.005	1.464	12.536	2.757	15.293	NA	.008	14.065
1995 Total	-2.081	.061	2.745	15.469	1.355	16.824	NA	.134	17.684
2000 Total	-1.215	.065	3.623	19.676	2.638	22.314	NA	.115	24.904
2005 Total	-.512	.044	3.714	22.023	4.831	26.855	.011	.085	30.197
2010 Total	-1.617	-.006	2.687	20.052	.528	20.580	-.042	.089	21.690
2011 Total	-2.423	.011	2.036	19.495	-.781	18.714	-.089	.127	18.375
2012 Total	-2.875	.004	1.583	19.096	-2.139	16.957	-.029	.161	15.801
2013 Total	-2.696	-.017	1.369	16.673	-2.717	13.956	.026	.197	12.835
2014 Total	-2.183	-.022	1.235	15.434	-3.641	11.793	-.034	.182	10.971
2015 Total	-1.596	-.018	.986	15.335	-4.042	11.292	-.001	.227	10.892
2016 Total	-1.326	-.019	.725	16.154	-4.443	11.710	-.058	.227	11.259
2017 Total	-2.220	-.029	-.073	15.173	-5.407	9.766	-.124	.192	7.512
2018 Total	-2.702	-.026	-.679	12.915	-5.849	7.066	-.201	.152	3.610
2019 Total	-2.167	-.021	-1.889	8.833	-5.331	3.502	-.168	.133	-.610
2020 Total	-1.620	-.013	-2.717	6.345	-5.473	.872	-.159	.161	-3.476
2021 Total	-1.952	-.049	-3.834	7.348	-5.100	2.248	-.163	.134	-3.616
2022 Total	-1.957	-.056	-3.869	6.483	-6.365	.118	-.205	.141	-5.828
2023 Total	-2.323	-.032	-4.677	5.827	-6.687	-.860	-.171	.065	-7.999
2024 January	-.202	-.001	-.349	.553	-.615	-.061	-.010	.006	-.617
February	-.207	-.002	-.385	.387	-.597	-.209	-.010	.001	-.811
March	-.232	-.004	-.425	.393	-.626	-.233	-.019	-.001	-.914
April	-.158	-.004	-.345	.514	-.581	-.067	-.016	-.002	-.591
May	-.219	-.002	-.408	.576	-.555	.021	-.017	(s)	-.625
June	-.241	-.005	-.379	.502	-.639	-.137	-.013	.005	-.771
July	-.211	-.002	-.335	.582	-.611	-.030	-.014	.008	-.583
August	-.214	-.004	-.389	.482	-.705	-.222	-.018	.007	-.840
September	-.226	-.003	-.391	.523	-.705	-.182	-.019	.007	-.815
October	-.218	-.004	-.395	.509	-.717	-.209	-.020	.006	-.839
November	-.221	-.003	-.368	.460	-.760	-.299	-.025	.002	-.914
December	-.227	-.004	-.385	.567	-.767	-.199	-.019	.007	-.826
Total	-2.577	-.037	-4.553	6.048	-7.877	-1.829	-.199	.047	-9.147
2025 January	R -.179	-.001	-.356	.553	-.632	-.079	-.030	.010	R -.637
February	R -.179	-.001	-.387	.339	-.563	-.224	-.024	.006	R -.808
March	R -.219	-.001	-.490	.365	-.656	-.291	-.032	.003	R -1.030
April	R -.185	-.002	-.490	.431	-.624	-.193	-.033	.006	R -.896
May	R -.186	-.003	-.496	.533	-.653	-.120	-.033	.008	R -.829
June	R -.163	-.003	-.445	.476	-.673	-.197	-.036	.006	R -.837
July	R -.160	R -.003	-.463	.566	-.702	-.136	-.037	.003	R -.795
August	R -.190	-.002	-.525	.468	-.611	-.144	-.034	.004	R -.891
September	R -.184	-.001	-.504	.420	-.637	-.217	-.032	.004	R -.933
October	-.182	(s)	-.552	.327	-.682	-.356	-.032	-.002	-1.124
November	R -.186	.001	-.543	.384	-.758	-.374	-.038	-.004	R -1.143
December	R -.186	-.001	-.552	.470	-.730	-.260	-.035	-.002	R -1.036
Total	R -2.199	R -.017	-5.803	5.332	-7.920	-2.588	-3.395	.042	R -10.960
2026 January	-.183	-.001	-.493	.521	-.700	-.179	-.034	-.002	-.891
February	-.153	-.002	-.508	.401	-.642	-.241	-.033	.001	-.936
March	-.226	-.002	R -.653	.512	-.853	-.341	-.035	(s)	-1.258
April	-.202	-.002	-.593	.179	-.851	-.672	R -.035	-.002	R -1.506
May	-.217	(s)	-.594	.104	-.842	-.738	-.039	(s)	-1.588
5-Month Total	-.982	-.007	-2.841	1.716	-3.887	-2.172	-.176	-.002	-6.180
2025 5-Month Total	-.948	-.009	-2.218	2.222	-3.128	-.906	-.152	.033	-4.200
2024 5-Month Total	-1.018	-.013	-1.911	2.424	-2.974	-.550	-.071	.004	-3.559

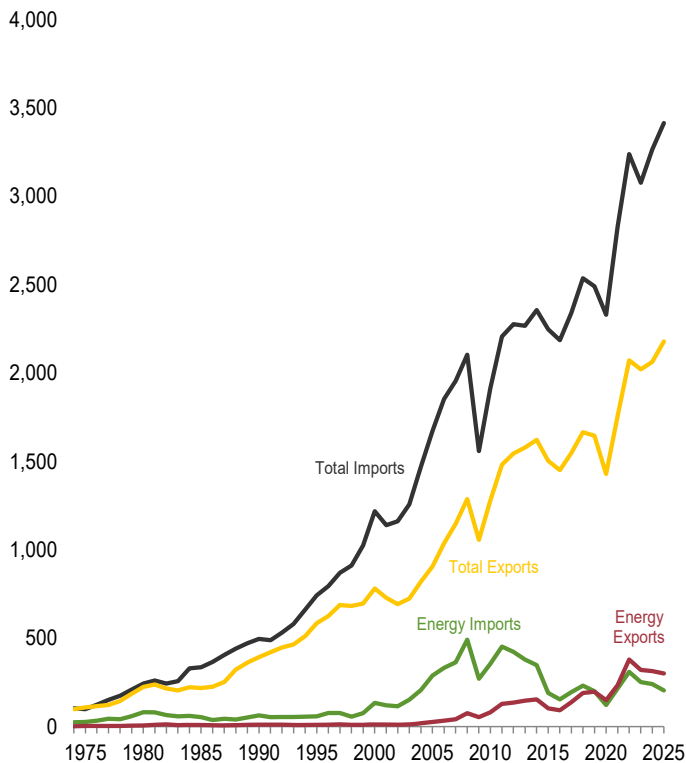
^a Net imports equal imports minus exports.
^b Crude oil and lease condensate. Includes imports into the Strategic Petroleum Reserve, which began in 1977.
^c Petroleum products, unfinished oils, natural gasoline, and gasoline blending components. Does not include biofuels.
^d Beginning in 1993, includes fuel ethanol (minus denaturant) imports. Beginning in 2001, also includes biodiesel imports and exports. Beginning in 2010, also includes fuel ethanol (minus denaturant) exports. Beginning in 2011, also includes renewable diesel fuel imports. Beginning in 2021, also includes other biofuels imports. Beginning in 2025, also includes renewable diesel fuel and other

biofuels exports.
R=Revised, NA=Not available. (s)=Less than 0.5 trillion Btu.
Notes: • See "Primary Energy" 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: Tables 1.4a and 1.4b.

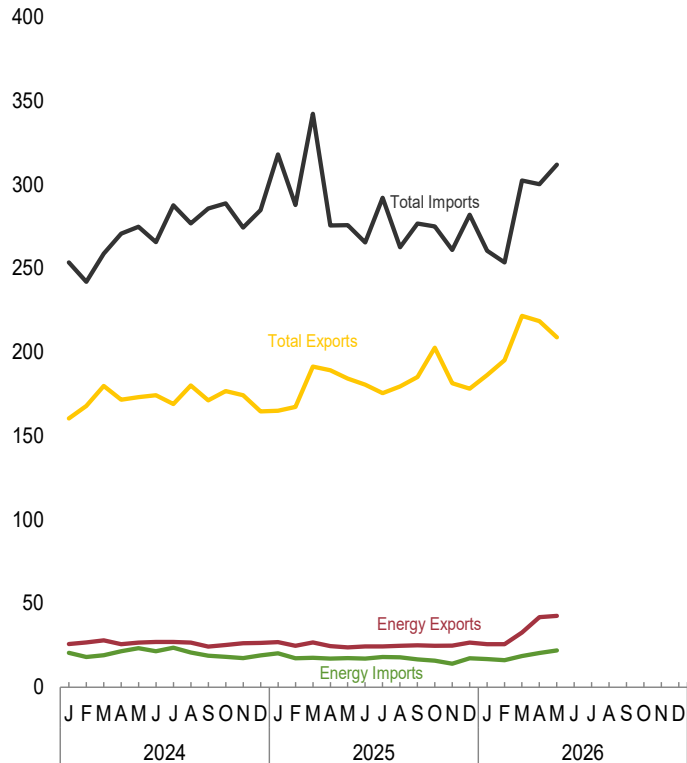
Figure 1.5 Merchandise Trade Value

(Billion Dollars[a])

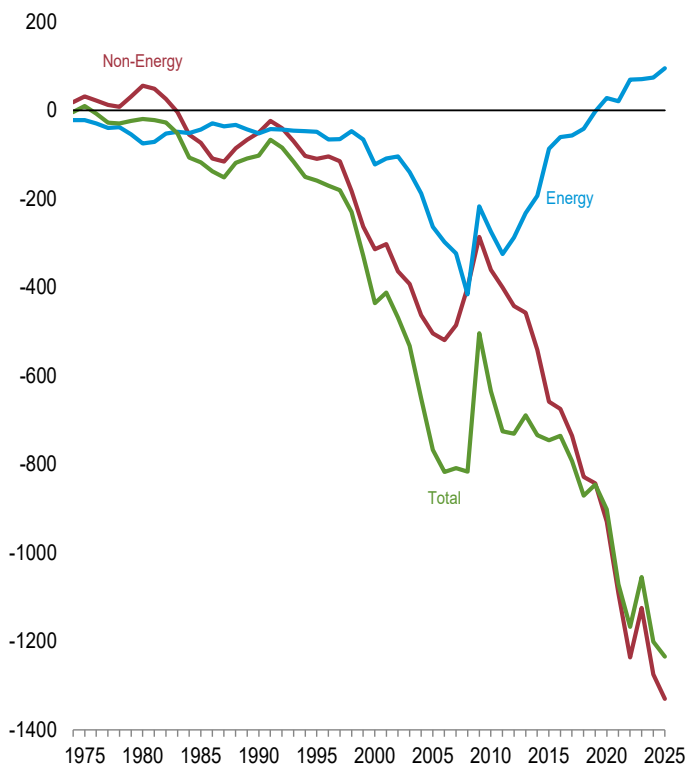
Imports and Exports, 1974–2025



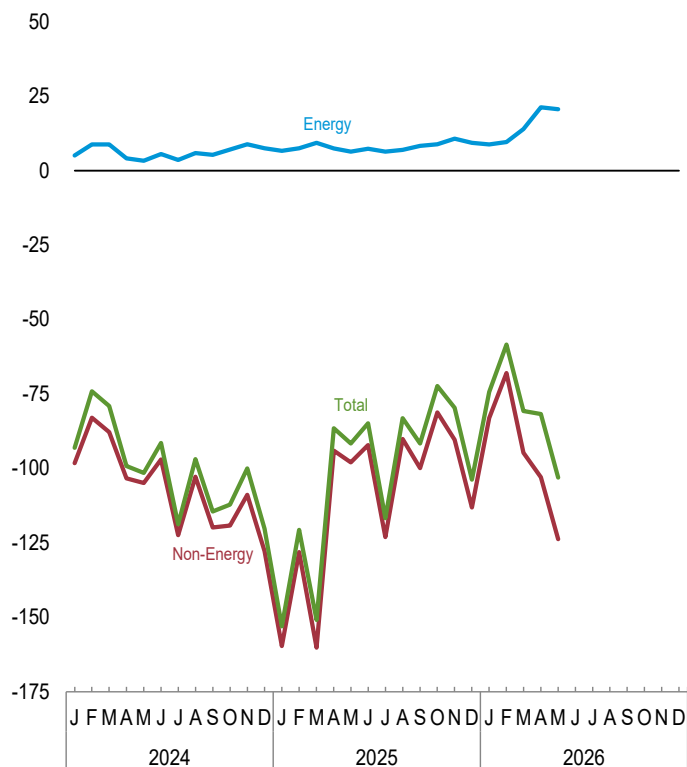
Imports and Exports, Monthly



Trade Balance, 1974–2025



Trade Balance, Monthly



[a] Prices are not adjusted for inflation. See “Nominal Dollars” in Glossary.
 Web Page: <http://www.eia.gov/totalenergy/data/monthly/#summary>.
 Source: Table 1.5.

Table 1.5 Merchandise Trade Value
(Million Dollars^a)

	Petroleum ^b			Energy ^c			Non-Energy Balance	Total Merchandise		
	Exports	Imports	Balance	Exports	Imports	Balance		Exports	Imports	Balance
1974 Total	792	24,668	-23,876	3,444	25,454	-22,010	18,126	99,437	103,321	-3,884
1975 Total	907	25,197	-24,289	4,470	26,476	-22,006	31,557	108,856	99,305	9,551
1980 Total	2,833	78,637	-75,803	7,982	82,924	-74,942	55,246	225,566	245,262	-19,696
1985 Total	4,707	50,475	-45,768	9,971	53,917	-43,946	-73,765	218,815	336,526	-117,712
1990 Total	6,901	61,583	-54,682	12,233	64,661	-52,428	-50,068	393,592	496,088	-102,496
1995 Total	6,321	54,368	-48,047	10,358	59,109	-48,751	-110,050	584,742	743,543	-158,801
2000 Total	10,192	119,251	-109,059	13,179	135,367	-122,188	-313,916	781,918	1,218,022	-436,104
2005 Total	19,155	250,068	-230,913	26,488	289,723	-263,235	-504,242	905,978	1,673,455	-767,477
2010 Total	64,753	333,472	-268,719	80,625	354,982	-274,357	-361,005	1,278,495	1,913,857	-635,362
2011 Total	^b 102,180	^b 431,866	^b -329,686	128,989	453,839	-324,850	-400,597	1,482,508	2,207,954	-725,447
2012 Total	111,949	408,509	-296,560	136,054	423,860	-287,806	-442,640	1,545,821	2,276,267	-730,446
2013 Total	123,244	363,141	-239,897	147,572	379,758	-232,186	-457,284	1,578,517	2,267,987	-689,470
2014 Total	127,818	326,709	-198,891	154,498	347,474	-192,976	-541,506	1,621,874	2,356,356	-734,482
2015 Total	85,890	177,455	-91,565	103,612	190,501	-86,889	-658,594	1,503,328	2,248,811	-745,483
2016 Total	74,921	142,920	-67,999	92,971	153,800	-60,829	-674,497	1,451,460	2,186,786	-735,326
2017 Total	104,975	181,672	-76,697	137,920	194,790	-56,870	-735,526	1,547,195	2,339,591	-792,396
2018 Total	149,710	219,493	-69,778	190,888	232,746	-41,858	-828,500	1,665,787	2,536,145	-870,358
2019 Total	156,390	189,040	-32,650	197,740	200,829	-3,089	-842,670	1,645,940	2,491,700	-845,759
2020 Total	110,373	113,077	-2,704	150,074	122,486	27,588	-929,070	1,429,995	2,331,477	-901,482
2021 Total	157,530	198,648	-41,118	236,233	215,734	20,499	-1,091,271	1,757,744	2,828,515	-1,070,772
2022 Total	263,210	283,230	-20,020	379,335	310,355	68,980	-1,236,065	2,072,648	3,239,733	-1,167,085
2023 Total	237,614	235,115	2,499	321,726	251,596	70,130	-1,124,743	2,021,939	3,076,552	-1,054,613
2024 January	18,736	18,504	232	25,713	20,555	5,158	-98,204	160,481	253,527	-93,046
February	19,586	16,685	2,901	26,746	17,956	8,790	-82,950	167,867	242,028	-74,160
March	21,336	18,258	3,078	27,932	19,163	8,769	-87,773	179,836	258,840	-79,004
April	20,102	20,871	-769	25,673	21,568	4,105	-103,346	171,524	270,765	-99,241
May	20,567	22,535	-1,968	26,594	23,226	3,368	-104,909	173,226	274,767	-101,541
June	20,639	20,615	24	26,985	21,414	5,571	-96,992	174,250	265,671	-91,421
July	20,924	22,588	-1,664	27,119	23,524	3,595	-122,376	168,947	287,728	-118,781
August	20,474	19,738	736	26,557	20,640	5,917	-102,790	180,055	276,927	-96,873
September	18,093	18,056	37	24,148	18,854	5,294	-119,782	171,227	285,715	-114,488
October	18,608	17,222	1,386	25,148	18,091	7,057	-119,181	176,726	288,850	-112,124
November	19,414	16,467	2,947	26,214	17,355	8,859	-108,819	174,327	274,286	-99,960
December	18,840	17,413	1,427	26,426	18,936	7,490	-127,720	164,559	284,789	-120,230
Total	237,317	228,949	8,368	315,256	241,283	73,973	-1,274,842	2,063,024	3,263,893	-1,200,869
2025 January	18,801	17,873	928	26,813	20,195	6,618	-159,620	165,002	318,004	-153,002
February	16,964	15,307	1,657	24,718	17,222	7,496	-128,102	167,208	287,815	-120,606
March	18,100	16,364	1,736	26,797	17,524	9,273	-160,112	191,447	342,286	-150,839
April	16,373	16,136	237	24,513	17,042	7,471	-94,023	189,131	275,683	-86,552
May	16,522	16,566	-44	23,764	17,382	6,382	-97,963	184,210	275,791	-91,581
June	17,371	16,130	1,241	24,283	16,978	7,305	-92,174	180,538	265,407	-84,869
July	17,053	17,038	15	24,419	18,039	6,380	-123,056	175,457	292,133	-116,676
August	17,447	16,914	533	24,715	17,765	6,950	-90,092	179,448	262,590	-83,142
September	17,758	15,780	1,978	24,920	16,602	8,318	-99,941	185,185	276,807	-91,623
October	17,337	14,953	2,384	24,617	15,751	8,866	-81,186	202,679	274,999	-72,320
November	17,126	12,932	4,194	24,803	14,053	10,750	-90,402	181,372	261,025	-79,652
December	17,763	15,542	2,221	26,500	17,153	9,347	-113,103	178,215	281,971	-103,756
Total	208,615	191,537	17,078	300,863	205,706	95,157	-1,329,776	2,179,891	3,414,511	-1,234,619
2026 January	16,794	14,110	2,684	25,567	16,775	8,792	-83,085	186,300	260,593	-74,293
February	16,400	13,844	2,556	25,667	16,134	9,533	-67,959	195,194	253,620	-58,426
March	23,515	17,071	6,444	32,640	18,678	13,962	-94,706	221,658	302,401	-80,744
April	32,145	19,275	12,870	41,738	20,438	21,300	-102,970	218,585	300,255	-81,670
May	33,673	21,083	12,590	42,540	21,903	20,637	^R -123,714	^R 208,888	^R 311,964	^R -103,077
June	26,644	20,035	6,609	35,513	21,091	14,422	-123,679	208,151	317,408	-109,257
6-Month Total	149,171	105,418	43,753	203,666	115,019	88,646	-596,113	1,238,776	1,746,242	-507,466
2025 6-Month Total	104,132	98,377	5,755	150,888	106,343	44,545	-731,994	1,077,535	1,764,985	-687,450
2024 6-Month Total	119,557	117,470	3,498	157,974	123,885	35,761	-574,174	1,027,184	1,565,598	-538,414

^a Prices are not adjusted for inflation. See "Nominal Dollars" in Glossary.

^b Through 2010, data are for crude oil, petroleum preparations, liquefied propane and butane, and other mineral fuels. Beginning in 2011, data are for petroleum products and preparations.

^c Petroleum, coal, natural gas, and electricity.

R=Revised.

Notes: • Monthly data are not adjusted for seasonal variations. • See Note 1, "Merchandise Trade Value," at end of section. • Totals may not equal sum of

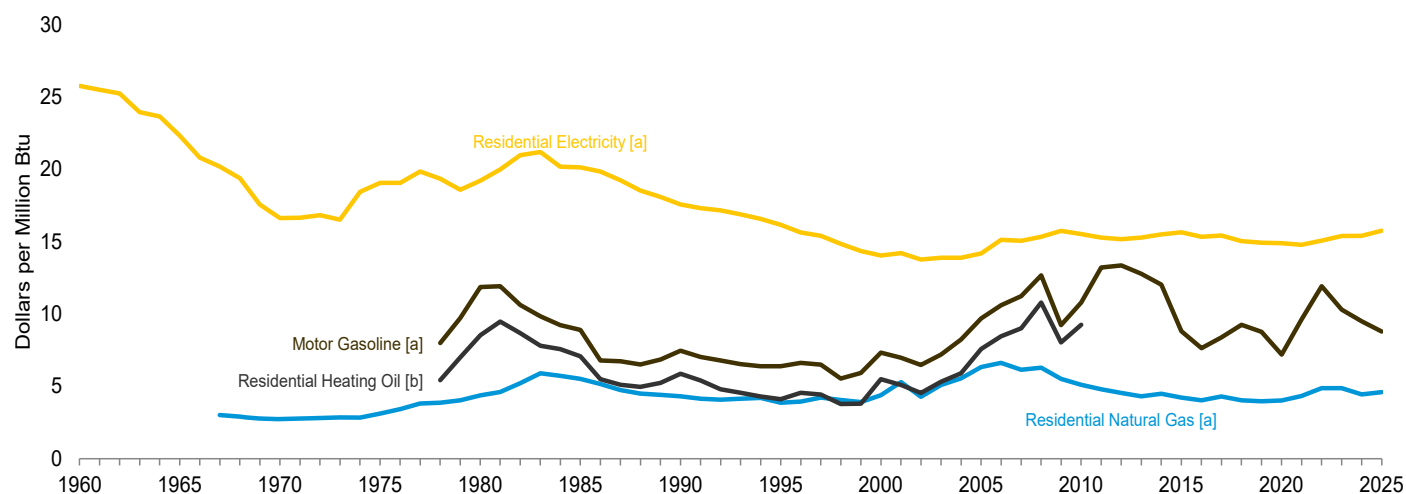
components due to independent rounding. • The U.S. import statistics reflect both government and nongovernment imports of merchandise from foreign countries into the U.S. customs territory, which comprises the 50 states, the District of Columbia, Puerto Rico, and the Virgin Islands.

Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#summary> (Excel and CSV files) for all available annual and monthly data beginning in 1974.

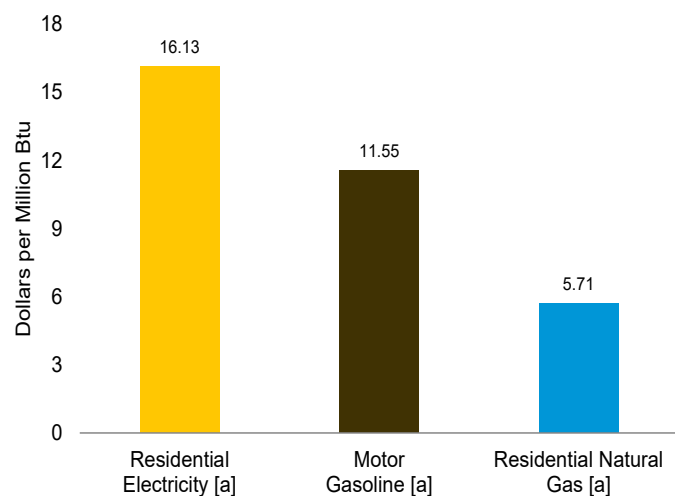
Sources: See end of section.

Figure 1.6 Cost of Fuels to End Users In Real (1982–1984) Dollars

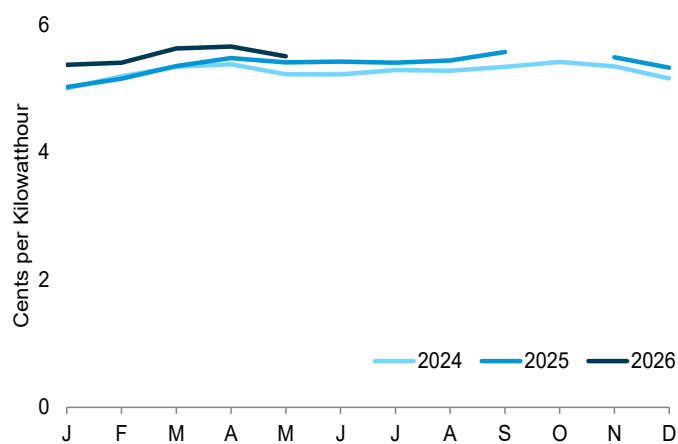
Costs, 1960–2025



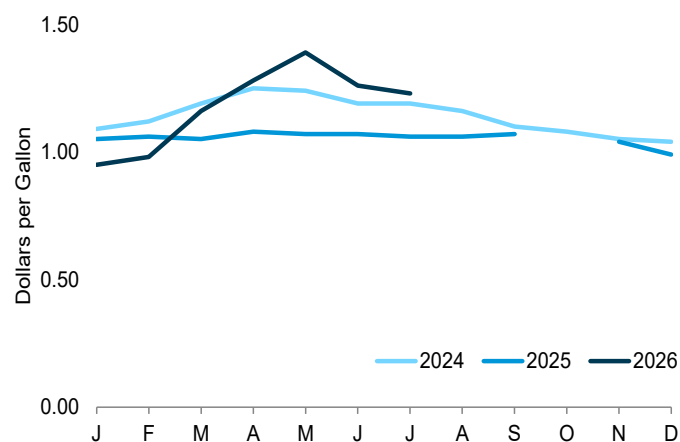
Costs, May 2026



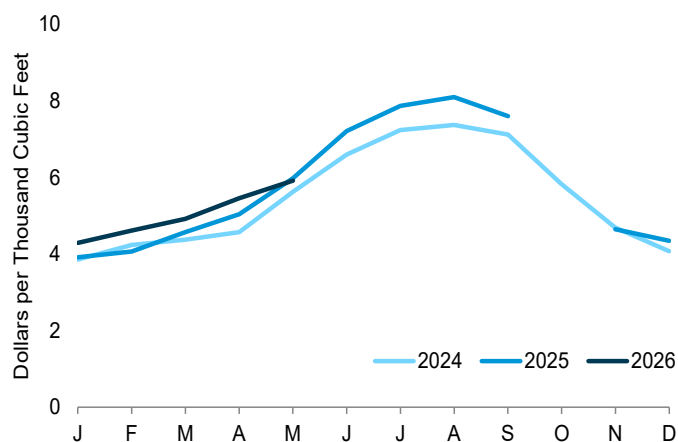
Residential Electricity, [a] Monthly



Motor Gasoline, [a] Monthly



Residential Natural Gas, [a] Monthly



[a] Includes Taxes.

[b] Excludes Taxes.

Note: See "Real Dollars" in Glossary.

Web Page: <http://www.eia.gov/totalenergy/data/monthly/#summary>.

Source: Table 1.6.

Table 1.6 Cost of Fuels to End Users in Real (1982–1984) Dollars

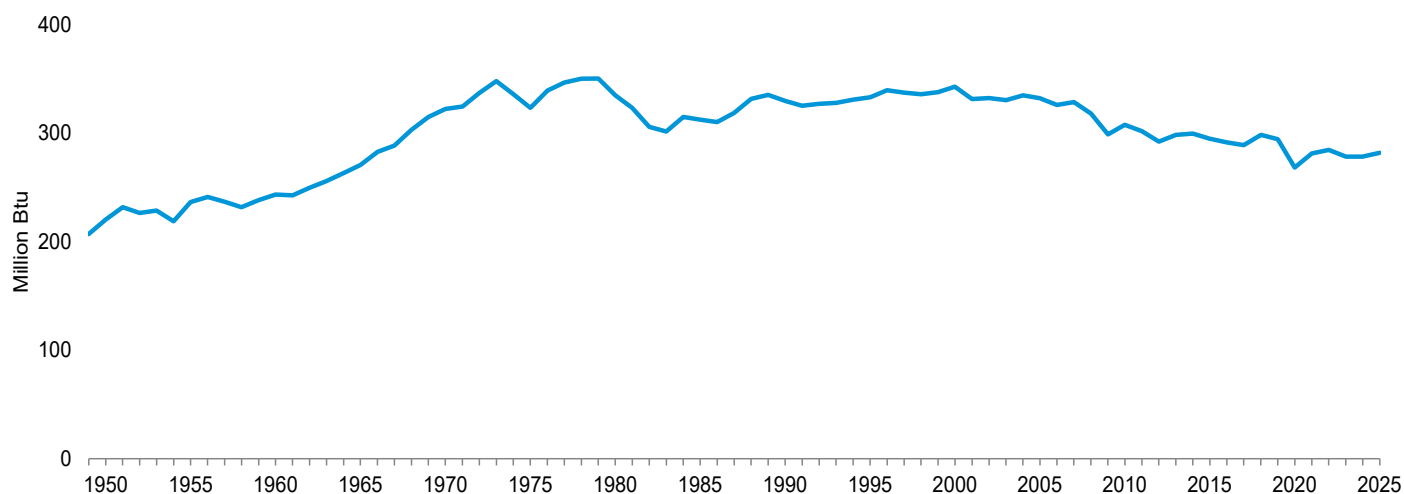
	Consumer Price Index, All Urban Consumers ^a	Motor Gasoline ^b		Residential Heating Oil ^c		Residential Natural Gas ^b		Residential Electricity ^b	
	Index 1982–1984=100	Dollars per Gallon	Dollars per Million Btu	Dollars per Gallon	Dollars per Million Btu	Dollars per Thousand Cubic Feet	Dollars per Million Btu	Cents per Kilowatthour	Dollars per Million Btu
1960 Average	29.6	NA	NA	NA	NA	NA	NA	8.8	25.74
1965 Average	31.5	NA	NA	NA	NA	NA	NA	7.6	22.33
1970 Average	38.8	NA	NA	NA	NA	2.81	2.72	5.7	16.62
1975 Average	53.8	NA	NA	NA	NA	3.18	3.12	6.5	19.07
1980 Average	82.4	1.482	11.85	1.182	8.52	4.47	4.36	6.6	19.21
1985 Average	107.6	1.112	8.89	0.979	7.06	5.69	5.52	6.87	20.13
1990 Average	130.7	0.931	7.44	0.813	5.86	4.44	4.31	5.99	17.56
1995 Average	152.4	0.791	6.38	0.569	4.10	3.98	3.87	5.51	16.15
2000 Average	172.2	0.908	7.33	0.761	5.49	4.51	4.39	4.79	14.02
2005 Average	195.3	1.197	9.68	1.051	7.58	6.50	6.33	4.84	14.18
2010 Average	218.056	1.301	10.78	1.283	9.25	5.22	5.11	5.29	15.51
2011 Average	224.939	1.590	13.19	NA	NA	4.90	4.80	5.21	15.27
2012 Average	229.594	1.609	13.35	NA	NA	4.64	4.53	5.17	15.17
2013 Average	232.957	1.538	12.77	NA	NA	4.43	4.31	5.21	15.26
2014 Average	236.736	1.447	12.01	NA	NA	4.63	4.49	5.29	15.50
2015 Average	237.017	1.059	8.80	NA	NA	4.38	4.22	5.34	15.64
2016 Average	240.007	0.918	7.63	NA	NA	4.19	4.03	5.23	15.33
2017 Average	245.120	1.007	8.37	NA	NA	4.45	4.29	5.26	15.41
2018 Average	251.107	1.113	9.25	NA	NA	4.18	4.03	5.13	15.02
2019 Average	255.657	1.055	8.77	NA	NA	4.11	3.95	5.09	14.91
2020 Average	258.811	0.866	7.20	NA	NA	4.17	4.01	5.08	14.89
2021 Average	270.970	1.156	9.62	NA	NA	4.50	4.33	5.04	14.77
2022 Average	292.655	1.432	11.92	NA	NA	5.04	4.86	5.14	15.06
2023 Average	304.702	1.238	10.29	NA	NA	5.05	4.87	5.25	15.39
2024 January	308.417	1.087	9.04	NA	NA	3.86	3.71	5.00	14.64
February	310.326	1.123	9.34	NA	NA	4.23	4.08	5.19	15.21
March	312.332	1.187	9.87	NA	NA	4.37	4.21	5.34	15.64
April	313.548	1.246	10.36	NA	NA	4.57	4.40	5.38	15.76
May	314.069	1.237	10.29	NA	NA	5.63	5.41	5.22	15.30
June	314.175	1.187	9.87	NA	NA	6.60	6.35	5.21	15.28
July	314.540	1.191	9.91	NA	NA	7.24	6.97	5.28	15.49
August	314.796	1.159	9.64	NA	NA	7.38	7.10	5.27	15.46
September	315.301	1.103	9.17	NA	NA	7.12	6.86	5.33	15.63
October	315.664	1.081	8.99	NA	NA	5.82	5.60	5.41	15.87
November	315.493	1.051	8.74	NA	NA	4.69	4.51	5.34	15.65
December	315.605	1.038	8.64	NA	NA	4.07	3.92	5.16	15.11
Average	313.689	1.141	9.49	NA	NA	4.62	4.45	5.25	15.40
2025 January	317.671	1.052	8.75	NA	NA	3.92	3.78	5.02	14.71
February	319.082	1.064	8.86	NA	NA	4.07	3.92	5.15	15.09
March	319.799	1.053	8.76	NA	NA	4.57	4.41	5.34	15.66
April	320.795	1.080	8.99	NA	NA	5.04	4.86	5.47	16.03
May	321.465	1.071	8.91	NA	NA	5.99	5.77	5.40	15.84
June	322.561	1.067	8.88	NA	NA	7.21	6.95	5.42	15.87
July	323.048	1.059	8.82	NA	NA	7.87	7.59	5.40	15.83
August	323.976	1.060	8.82	NA	NA	8.10	7.81	5.44	15.93
September	324.800	1.072	8.92	NA	NA	7.61	7.33	5.57	16.31
October ^d	NA	NA	NA	NA	NA	NA	NA	NA	NA
November	324.122	1.041	8.66	NA	NA	4.65	4.48	5.49	16.08
December	324.054	0.986	8.20	NA	NA	4.35	4.19	5.32	15.59
Average^e	321.943	1.055	8.78	NA	NA	4.77	4.59	5.37	15.75
2026 January	325.252	0.954	7.94	NA	NA	4.29	4.14	5.37	15.72
February	326.785	0.983	8.18	NA	NA	4.61	4.44	5.40	15.83
March	330.213	1.164	9.68	NA	NA	4.92	4.75	5.62	16.47
April	333.020	1.280	10.65	NA	NA	5.46	5.26	5.65	16.57
May	335.123	1.388	11.55	NA	NA	R 5.92	R 5.71	R 5.50	R 16.13
June	333.952	1.256	10.45	NA	NA	NA	NA	NA	NA
July	333.918	1.226	10.20	NA	NA	NA	NA	NA	NA

^a Data are U.S. city averages for all items, and are not seasonally adjusted.
^b Includes taxes.
^c Excludes taxes.
^d Data for October 2025 are not available due to the 2025 lapse in appropriations.
^e Annual averages are based on 11 months of data (excluding October 2025).
R=Revised. NA=Not available.
Notes: • See "Real Dollars" in Glossary. • Fuel costs are calculated by using the Urban Consumer Price Index (CPI) developed by the Bureau of Labor Statistics. • Annual averages may not equal average of months due to

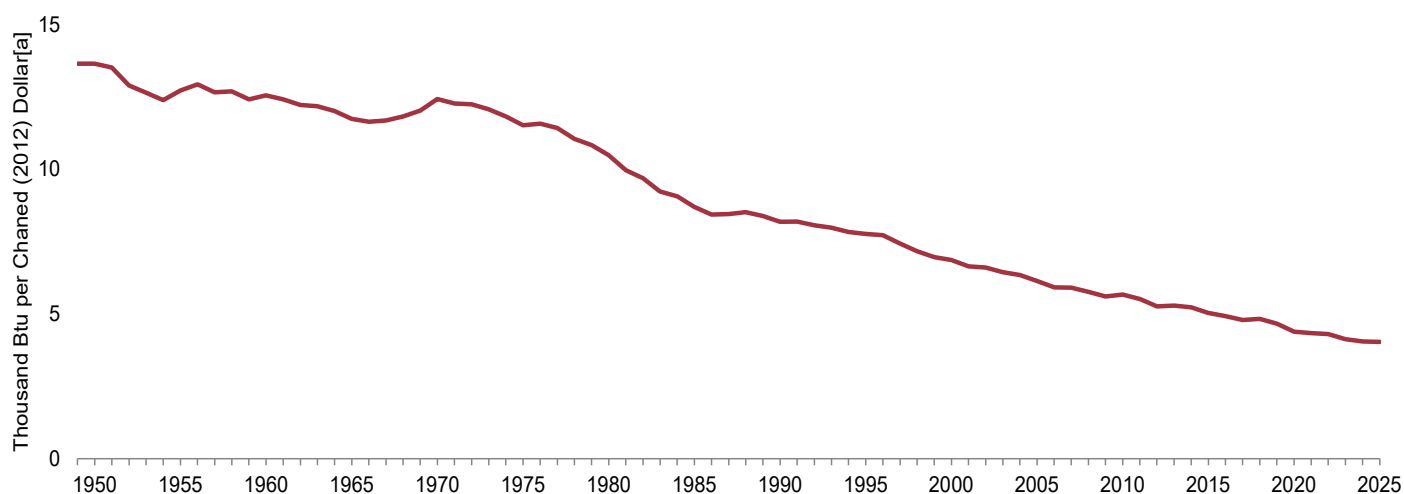
independent rounding. • Geographic coverage is the 50 states and the District of Columbia.
Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#summary> (Excel and CSV files) for all available annual data beginning in 1960 and monthly data beginning in 1995.
Sources: • **Fuel Prices:** Tables 9.4 (All Grades), 9.8, and 9.10, adjusted by the CPI; and *Monthly Energy Review*, September 2012, Table 9.8c. • **Consumer Price Index, All Urban Consumers:** U.S. Department of Labor, Bureau of Labor Statistics, series ID CUUR0000SA0. • **Conversion Factors:** Tables A1, A3, A4, and A6.

Figure 1.7 Primary Energy Consumption and Energy Expenditures Indicators

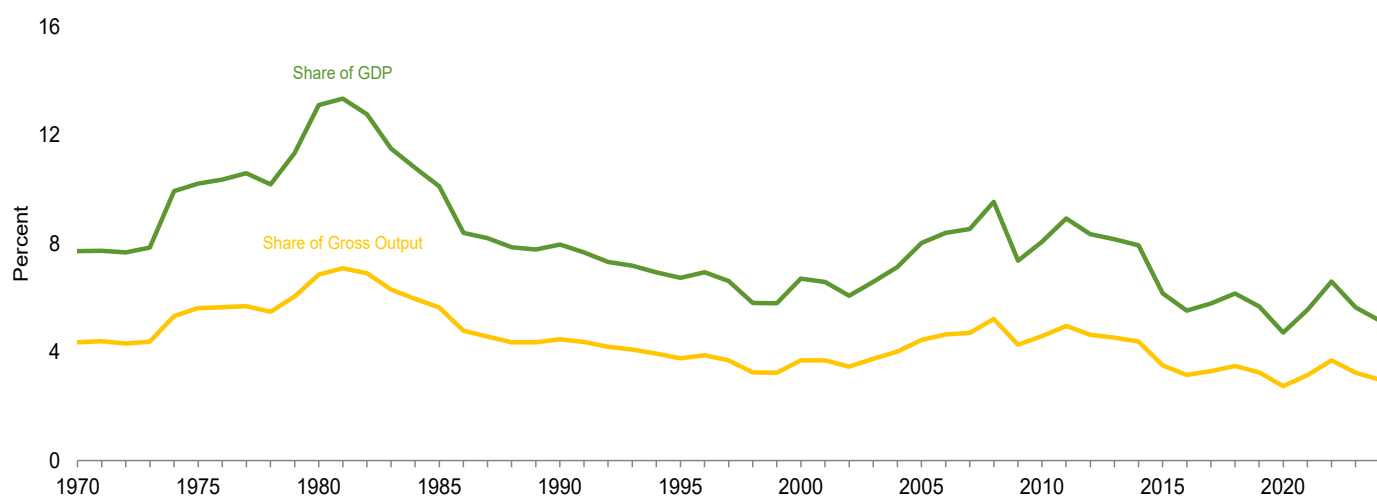
Energy Consumption per Capita, 1949–2025



Primary Energy Consumption per Real Dollar [a] of Gross Domestic Product, 1949–2025



Energy Expenditures as Share of Gross Domestic Product and Gross Output,[b] 1970–2023



[a] See “Chained Dollars” and “Real Dollars” in Glossary.

[b] Gross output is the value of gross domestic product (GDP) plus the value of intermediate inputs used to produce GDP.

Web Page: <http://www.eia.gov/totalenergy/data/monthly/#summary>.

Source: Table 1.7.

Table 1.7 Primary Energy Consumption, Energy Expenditures, and Carbon Dioxide Emissions Indicators

	Primary Energy Consumption ^a			Energy Expenditures ^b				Carbon Dioxide Emissions ^c		
	Consumption	Consumption per Capita	Consumption per Real Dollar ^d of GDP ^e	Expenditures	Expenditures per Capita	Expenditures as Share of GDP ^e	Expenditures as Share of Gross Output ^f	Emissions	Emissions per Capita	Emissions per Real Dollar ^d of GDP ^e
	Quadrillion Btu	Million Btu	Thousand Btu per Chained (2017) Dollar ^d	Million Nominal Dollars ^g	Nominal Dollars ^g	Percent	Percent	Million Metric Tons Carbon Dioxide	Metric Tons Carbon Dioxide	Metric Tons Carbon Dioxide per Million Chained (2017) Dollars ^d
1950	33.527	220	13.64	NA	NA	NA	NA	2,382	15.6	969
1955	39.215	236	12.72	NA	NA	NA	NA	2,685	16.2	871
1960	43.942	243	12.55	NA	NA	NA	NA	2,914	16.1	833
1965	52.565	271	11.74	NA	NA	NA	NA	3,462	17.8	773
1970	66.036	322	12.42	82,875	404	7.7	4.4	4,261	20.8	802
1975	69.788	323	11.51	171,854	796	10.2	5.6	4,428	20.5	731
1980	76.038	335	10.48	374,350	1,647	13.1	6.9	4,757	20.9	655
1981	74.159	323	9.97	427,901	1,865	13.3	7.1	4,637	20.2	623
1982	70.812	306	9.69	426,482	1,841	12.8	6.9	4,405	19.0	603
1983	70.489	302	9.22	417,622	1,786	11.5	6.3	4,384	18.8	574
1984	74.237	315	9.06	435,313	1,846	10.8	6.0	4,613	19.6	563
1985	74.268	312	8.70	438,343	1,842	10.1	5.6	4,606	19.4	540
1986	74.458	310	8.43	384,091	1,599	8.4	4.8	4,616	19.2	523
1987	77.161	318	8.44	397,627	1,641	8.2	4.6	4,776	19.7	523
1988	81.025	331	8.51	411,568	1,683	7.9	4.4	4,999	20.4	525
1989	82.711	335	8.38	439,051	1,779	7.8	4.4	5,085	20.6	515
1990	82.256	330	8.18	474,652	1,901	8.0	4.5	5,038	20.2	501
1991	82.214	325	8.19	472,440	1,867	7.7	4.4	4,993	19.7	497
1992	83.836	327	8.06	476,845	1,859	7.3	4.2	5,094	19.9	490
1993	85.191	328	7.97	492,275	1,894	7.2	4.1	5,186	20.0	485
1994	87.053	331	7.83	504,856	1,919	6.9	3.9	5,263	20.0	473
1995	88.668	333	7.77	514,624	1,933	6.7	3.8	5,325	20.0	467
1996	91.404	339	7.72	560,293	2,080	6.9	3.9	5,518	20.5	466
1997	91.956	337	7.43	567,962	2,083	6.6	3.7	5,590	20.5	452
1998	92.602	336	7.16	526,283	1,908	5.8	3.2	5,637	20.4	436
1999	94.232	338	6.96	558,627	2,002	5.8	3.2	5,700	20.4	421
2000	96.694	343	6.86	687,711	2,437	6.7	3.7	5,889	20.9	418
2001	94.416	331	6.63	696,242	2,443	6.6	3.7	5,778	20.3	406
2002	95.575	332	6.60	663,964	2,308	6.1	3.5	5,820	20.2	402
2003	95.806	330	6.44	755,070	2,603	6.6	3.7	5,887	20.3	396
2004	98.033	335	6.35	871,210	2,975	7.1	4.0	5,994	20.5	388
2005	98.101	332	6.14	1,045,730	3,539	8.0	4.4	6,008	20.3	376
2006	97.235	326	5.92	1,158,821	3,884	8.4	4.6	5,930	19.9	361
2007	98.965	329	5.90	1,233,869	4,096	8.5	4.7	6,015	20.0	359
2008	96.647	318	5.76	1,408,759	4,633	9.5	5.2	5,823	19.1	347
2009	91.626	299	5.60	1,066,509	3,477	7.4	4.3	5,404	17.6	331
2010	95.142	308	5.67	1,214,267	3,926	8.1	4.6	5,594	18.1	333
2011	93.967	302	5.51	1,392,401	4,469	8.9	5.0	5,455	17.5	320
2012	91.678	292	5.26	1,355,104	4,318	8.3	4.6	5,236	16.7	300
2013	94.253	298	5.29	1,376,256	4,356	8.2	4.5	5,359	17.0	301
2014	95.332	300	5.22	1,395,260	4,383	7.9	4.4	5,414	17.0	296
2015	94.478	295	5.03	1,128,337	3,519	6.2	3.5	5,262	16.4	280
2016	94.084	291	4.92	1,038,805	3,217	5.5	3.2	5,169	16.0	270
2017	93.889	289	4.79	1,136,199	3,496	5.8	3.3	5,131	15.8	262
2018	97.400	298	4.82	1,271,889	3,893	6.2	3.5	5,278	16.2	261
2019	96.600	294	4.66	1,223,755	3,728	5.7	3.2	5,147	15.7	248
2020	88.877	268	4.38	1,007,574	3,039	4.7	2.7	4,585	13.8	226
2021	93.375	281	4.34	1,316,788	3,965	5.6	3.1	4,906	14.8	228
2022	94.964	284	4.30	1,719,511	5,148	6.6	3.7	4,945	14.8	224
2023	93.746	278	4.13	1,568,119	4,657	5.6	3.2	4,799	14.2	211
2024	94.582	278	4.05	1,509,652	4,440	5.2	3.0	4,789	14.1	205
2025	96.256	282	4.04	NA	NA	NA	NA	4,904	14.3	206

^a See "Primary Energy Consumption" in Glossary.

^b Expenditures include taxes where data are available.

^c Carbon dioxide emissions from energy consumption. See Table 11.1.

^d See "Chained Dollars" and "Real Dollars" in Glossary.

^e See "Gross Domestic Product (GDP)" in Glossary.

^f Gross output is the value of GDP plus the value of intermediate inputs used to produce GDP.

^g See "Nominal Dollars" in Glossary.

R=Revised. NA=Not available.

Notes: • Data are estimates. • 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.

Sources: • **Consumption:** Table 1.3. • **Consumption per Capita:** Calculated as energy consumption divided by U.S. population (see Table C1).

• **Consumption per Real Dollar of GDP:** Calculated as energy consumption divided by U.S. gross domestic product in chained (2017) dollars (see Table C1).

• **Expenditures:** U.S. Energy Information Administration, "State Energy Price and Expenditure Estimates, 1970 Through 2024" (June 2026), U.S. Table ET1.

• **Expenditures per Capita:** Calculated as energy expenditures divided by U.S. population (see Table C1). • **Expenditures as Share of GDP:** Calculated as energy expenditures divided by U.S. gross domestic product in nominal dollars (see Table C1).

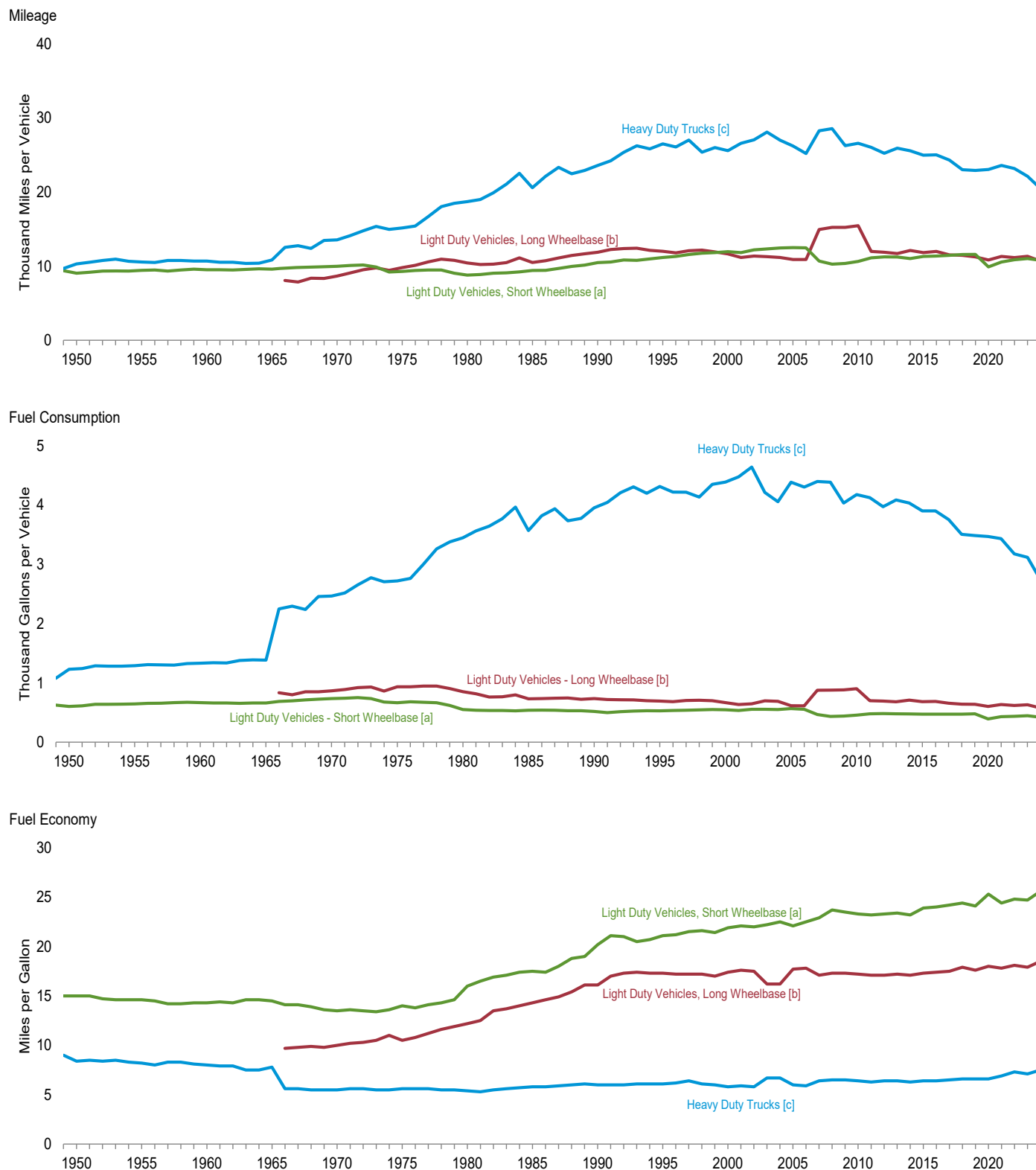
• **Expenditures as Share of Gross Output:** Calculated as energy expenditures divided by U.S. gross output (see Table C1).

• **Emissions:** 1949–1972—U.S. Energy Information Administration, *Annual Energy Review 2011*, Table 11.1. 1973 forward—Table 11.1.

• **Emissions per Capita:** Calculated as carbon dioxide emissions divided by U.S. population (see Table C1).

• **Emissions per Real Dollar of GDP:** Calculated as carbon dioxide emissions divided by U.S. gross domestic product in chained (2017) dollars (see Table C1).

Figure 1.8 Motor Vehicle Mileage, Fuel Consumption, and Fuel Economy, 1949–2024



[a] Through 1989, data are for passenger cars and motorcycles. For 1990–2006, data are for passenger cars only. Beginning in 2007, data are for light-duty vehicles (passenger cars, light trucks, vans, and sport utility vehicles) with a wheelbase less than or equal to 121 inches.

[b] For 1966–2000, data are for vans, pickup trucks, and sport utility vehicles. Beginning in 2007, data are for light-duty vehicles (passenger cars, light trucks, vans, and sport utility vehicles) with a wheelbase greater than 121 inches.

[c] For 1949–1965, data are for single-unit trucks with 2 axles and 6 or more tires, combination trucks, and other vehicles with 2 axles and 4 tires that are not

passenger cars. For 1966–2006 data are for single-unit truck with 2 axles and 6 or more tires, and combination trucks. Beginning in 2007, data are for single-unit trucks with 2 axles and 6 or more tires (or a gross vehicle weight rating exceeding 10,000 pounds), and combination trucks.

Note: Through 1965, “Light-Duty Vehicles, Long Wheelbase” data are included in “Heavy-Duty Trucks.”

Web Page: <http://www.eia.gov/totalenergy/data/monthly/#summary>.

Source: Table 1.8.

Table 1.8 Motor Vehicle Mileage, Fuel Consumption, and Fuel Economy

	Light-Duty Vehicles, Short Wheelbase ^a			Light-Duty Vehicles, Long Wheelbase ^b			Heavy-Duty Trucks ^c			All Motor Vehicles ^d		
	Mileage	Fuel Consumption	Fuel Economy	Mileage	Fuel Consumption	Fuel Economy	Mileage	Fuel Consumption	Fuel Economy	Mileage	Fuel Consumption	Fuel Economy
	Miles per Vehicle	Gallons per Vehicle	Miles per Gallon	Miles per Vehicle	Gallons per Vehicle	Miles per Gallon	Miles per Vehicle	Gallons per Vehicle	Miles per Gallon	Miles per Vehicle	Gallons per Vehicle	Miles per Gallon
1950	9,060	603	15.0	(^e)	(^e)	(^e)	10,316	1,229	8.4	9,321	725	12.8
1955	9,447	645	14.6	(^e)	(^e)	(^e)	10,576	1,293	8.2	9,661	761	12.7
1960	9,518	668	14.3	(^e)	(^e)	(^e)	10,693	1,333	8.0	9,732	784	12.4
1965	9,603	661	14.5	(^e)	(^e)	(^e)	10,851	1,387	7.8	9,826	787	12.5
1970	9,989	737	13.5	8,676	866	10.0	13,565	2,467	5.5	9,976	830	12.0
1975	9,309	665	14.0	9,829	934	10.5	15,167	2,722	5.6	9,627	790	12.2
1980	8,813	551	16.0	10,437	854	12.2	18,736	3,447	5.4	9,458	712	13.3
1981	8,873	538	16.5	10,244	819	12.5	19,016	3,565	5.3	9,477	697	13.6
1982	9,050	535	16.9	10,276	762	13.5	19,931	3,647	5.5	9,644	686	14.1
1983	9,118	534	17.1	10,497	767	13.7	21,083	3,769	5.6	9,760	686	14.2
1984	9,248	530	17.4	11,151	797	14.0	22,550	3,967	5.7	10,017	691	14.5
1985	9,419	538	17.5	10,506	735	14.3	20,597	3,570	5.8	10,020	685	14.6
1986	9,464	543	17.4	10,764	738	14.6	22,143	3,821	5.8	10,143	692	14.7
1987	9,720	539	18.0	11,114	744	14.9	23,349	3,937	5.9	10,453	694	15.1
1988	9,972	531	18.8	11,465	745	15.4	22,485	3,736	6.0	10,721	688	15.6
1989	10,157	533	19.0	11,676	724	16.1	22,926	3,776	6.1	10,932	688	15.9
1990	10,504	520	20.2	11,902	738	16.1	23,603	3,953	6.0	11,107	677	16.4
1991	10,571	501	21.1	12,245	721	17.0	24,229	4,047	6.0	11,294	669	16.9
1992	10,857	517	21.0	12,381	717	17.3	25,373	4,210	6.0	11,558	683	16.9
1993	10,804	527	20.5	12,430	714	17.4	26,262	4,309	6.1	11,595	693	16.7
1994	10,992	531	20.7	12,156	701	17.3	25,838	4,202	6.1	11,683	698	16.7
1995	11,203	530	21.1	12,018	694	17.3	26,514	4,315	6.1	11,793	700	16.8
1996	11,330	534	21.2	11,811	685	17.2	26,092	4,221	6.2	11,813	700	16.9
1997	11,581	539	21.5	12,115	703	17.2	27,032	4,218	6.4	12,107	711	17.0
1998	11,754	544	21.6	12,173	707	17.2	25,397	4,135	6.1	12,211	721	16.9
1999	11,848	553	21.4	11,957	701	17.0	26,014	4,352	6.0	12,206	732	16.7
2000	11,976	547	21.9	11,672	669	17.4	25,617	4,391	5.8	12,164	720	16.9
2001	11,831	534	22.1	11,204	636	17.6	26,602	4,477	5.9	11,887	695	17.1
2002	12,202	555	22.0	11,364	650	17.5	27,071	4,642	5.8	12,171	719	16.9
2003	12,325	556	22.2	11,287	697	16.2	28,093	4,215	6.7	12,208	718	17.0
2004	12,460	553	22.5	11,184	690	16.2	27,023	4,057	6.7	12,200	714	17.1
2005	12,510	567	22.1	10,920	617	17.7	26,235	4,385	6.0	12,082	706	17.1
2006	12,485	554	22.5	10,920	612	17.8	25,231	4,304	5.9	12,017	698	17.2
2007	^a 10,710	^a 468	^a 22.9	^b 14,970	^b 877	^b 17.1	^c 28,290	^c 4,398	6.4	11,915	693	17.2
2008	10,290	435	23.7	15,256	880	17.3	28,573	4,387	6.5	11,631	667	17.4
2009	10,391	442	23.5	15,252	882	17.3	26,274	4,037	6.5	11,631	661	17.6
2010	10,650	456	23.3	15,474	901	17.2	26,604	4,180	6.4	11,866	681	17.4
2011	11,150	481	23.2	12,007	702	17.1	26,054	4,128	6.3	11,652	665	17.5
2012	11,262	484	23.3	11,885	694	17.1	25,255	3,973	6.4	11,707	665	17.6
2013	11,244	480	23.4	11,712	683	17.2	25,951	4,086	6.4	11,679	663	17.6
2014	11,048	476	23.2	12,138	710	17.1	25,594	4,036	6.3	11,621	666	17.5
2015	11,327	475	23.9	11,855	684	17.3	24,979	3,904	6.4	11,742	656	17.9
2016	11,370	475	24.0	11,991	689	17.4	25,037	3,904	6.4	11,810	658	17.9
2017	11,467	474	24.2	11,543	659	17.5	24,335	3,758	6.5	11,789	653	18.1
2018	11,576	475	24.4	11,486	643	17.9	23,037	3,507	6.6	11,843	651	18.2
2019	11,599	481	24.1	11,263	640	17.6	22,930	3,488	6.6	11,797	651	18.1
2020	9,928	393	25.3	10,855	603	18.0	23,075	3,470	6.6	10,523	577	18.2
2021	10,573	433	24.4	11,318	636	17.8	23,601	3,436	6.9	11,099	617	18.0
2022	10,881	438	24.8	11,177	619	18.1	23,183	3,177	7.3	11,327	611	18.5
2023	11,026	447	24.7	11,360	633	17.9	22,151	3,120	7.1	11,408	621	18.4
2024	10,812	423	25.6	10,707	579	18.5	20,494	2,741	7.5	11,071	577	19.2

^a Through 1989, data are for passenger cars and motorcycles. For 1990–2006, data are for passenger cars only. Beginning in 2007, data are for light-duty vehicles (passenger cars, light trucks, vans, and sport utility vehicles) with a wheelbase less than or equal to 121 inches.

^b For 1966–2006, data are for vans, pickup trucks, and sport utility vehicles. Beginning in 2007, data are for light-duty vehicles (passenger cars, light trucks, vans, and sport utility vehicles) with a wheelbase greater than 121 inches.

^c For 1949–1965, data are for single-unit trucks with 2 axles and 6 or more tires, combination trucks, and other vehicles with 2 axles and 4 tires that are not passenger cars. For 1966–2006, data are for single-unit trucks with 2 axles and 6 or more tires, and combination trucks. Beginning in 2007, data are for single-unit trucks with 2 axles and 6 or more tires (or a gross vehicle weight rating exceeding

10,000 pounds), and combination trucks.

^d Includes buses and motorcycles, which are not separately displayed.

^e Included in "Heavy-Duty Trucks."

Note: 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.

Sources: • **Light-Duty Vehicles, Short Wheelbase: 1990–1994**—U.S. Department of Transportation, Bureau of Transportation Statistics, *National Transportation Statistics 1998*, Table 4-13. • **All Other Data:**

1949–1994—Federal Highway Administration (FHWA), *Highway Statistics Summary to 1995*, Table VM-201A. **1995 forward**—FHWA, *Highway Statistics*, annual reports, Table VM-1.

Table 1.9 Light-Duty Vehicle Average Miles Traveled by Technology Type
(Miles per Vehicle^a)

	Internal Combustion Engine Vehicles			Electric Vehicles	
	Motor Gasoline Vehicles ^b	Diesel Vehicles	Hybrid Electric Vehicles ^c	Battery Electric Vehicles ^d	Plug-in Hybrid Electric Vehicles ^e
2016	9,946	10,647	12,161	6,782	9,555
2017	^E 10,070	^E 10,220	^E 12,031	^E 6,055	^E 9,188
2018	10,217	10,494	12,013	5,594	9,134
2019	9,883	9,789	11,486	6,028	8,842
2020	10,135	10,136	11,526	6,682	9,335
2021	9,892	10,264	10,753	6,570	8,673
2022	9,846	10,680	10,554	7,070	8,701
2023 ^f	12,492	13,909	14,938	13,070	12,682
2024	12,451	13,905	14,469	12,839	11,368

^a See Note 2, "Light-Duty Vehicle Average Annual Miles Traveled by Technology Type," at end of section.

^b Does not include hybrid electric vehicles.

^c See "Hybrid Electric Vehicle (HEV)" in Glossary.

^d See "Battery Electric Vehicle (BEV)" in Glossary.

^e See "Plug-in Hybrid Electric Vehicle (PHEV)" in Glossary.

^f Through 2022, data are EIA estimates based on S&P Global Mobility Odometer data and Vehicles in Operation data. Beginning in 2023, data are EIA estimates based on S&P Global Mobility Vehicle Miles Traveled data and Vehicles in Operation data.

E=Estimate.

Note: • Data are for on-road vehicles less than or equal to 8,500 pounds (includes passenger cars and light trucks). • Data are derived from vehicle odometer reading data. • 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 2016.

Source: • **2016–2022:** Calculated by EIA using S&P Global Mobility Odometer data and Vehicles in Operation data. • **2023 forward:** Calculated by EIA using S&P Global Vehicle Miles Traveled data and Vehicles in Operations data.

Table 1.10 Electric and Fuel Cell Electric Light-Duty Vehicles Overview

	Electric Light-Duty Vehicles			Fuel Cell Electric Vehicles ^c	All Light-Duty Vehicles ^d	Electric Vehicle Share of All Light-Duty Vehicles
	Battery Electric Vehicles ^a	Plug-In Hybrid Electric Vehicles ^b	Total			
	Thousands of Registered Vehicles					Percent
2012	35.2	33.8	69.0	0.0	230,766.8	(s)
2013	E 82.9	E 79.4	E 162.3	0.0	E 235,945.8	E 0.1
2014	125.9	134.7	260.6	(s)	239,711.0	0.1
2015	E 195.4	E 175.4	E 370.8	E 0.1	E 248,327.1	E 0.2
2016	274.5	223.6	498.1	0.9	251,518.7	0.2
2017	E 358.9	E 345.1	E 703.9	E 4.4	E 256,928.0	E 0.3
2018	573.7	471.5	1,045.2	5.8	259,163.2	0.4
2019	756.3	560.6	1,316.9	7.5	261,539.9	0.5
2020	973.5	613.0	1,586.5	8.1	260,034.2	0.6
2021	1,405.8	766.3	2,172.1	11.5	262,402.9	0.8
2022	2,049.6	935.6	2,985.2	14.6	263,181.0	1.1
2023	3,403.7	1,151.2	4,554.9	16.8	264,733.3	1.7
2024	4,351.3	1,465.6	5,816.9	16.7	267,111.1	2.2

^a See "Battery Electric Vehicle (BEV)" in Glossary.

^b See "Plug-In Hybrid Electric Vehicle (PHEV)" in Glossary.

^c See "Fuel Cell Electric Vehicle (FCEV)" in Glossary.

^d Includes internal combustion engine vehicles, electric vehicles, and fuel cell electric vehicles.

^E=Estimate. (s)=Less than 0.05 percent.

Notes: • Data are at end of year. • Data are for on-road vehicles less than or equal to 8,500 pounds (includes passenger cars and light trucks). • Data for 2013, 2015, and 2017 are estimates. • The federal government and some states self-register their state-owned vehicles. These vehicles are not included in number of registered vehicles. • 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 2012.

Sources: • **Electric Light-Duty Vehicles, Fuel Cell Electric Vehicles, and All Light-Duty Vehicles:** S&P Global Mobility Vehicles in Operation, as of calendar year end figures for each of the years shown. Data for 2013, 2015, and 2017 are estimates interpolated by EIA. • **Electric Vehicle Share of All Light Duty-Vehicles (defined by EIA as less than or equal to 8,500 lbs):** Calculated as battery electric and plug-in hybrid electric light-duty vehicles divided by all light-duty vehicles by EIA.

Table 1.11 Heating Degree Days by Census Division

	New England ^a	Middle Atlantic ^b	East North Central ^c	West North Central ^d	South Atlantic ^e	East South Central ^f	West South Central ^g	Mountain ^h	Pacific ⁱ	United States
1950 Total	6,793	6,313	7,028	7,461	3,495	3,552	2,280	6,320	3,910	5,362
1955 Total	6,872	6,220	6,488	6,918	3,487	3,517	2,295	6,685	4,324	5,242
1960 Total	6,826	6,376	6,909	7,191	3,764	4,139	2,767	6,264	3,806	5,400
1965 Total	7,027	6,379	6,588	6,938	3,358	3,505	2,238	6,067	3,825	5,143
1970 Total	7,022	6,376	6,721	7,094	3,437	3,827	2,561	6,098	3,731	5,214
1975 Total	6,545	5,881	6,407	6,886	2,953	3,441	2,310	6,237	4,120	4,900
1980 Total	7,071	6,463	6,976	6,840	3,361	3,969	2,495	5,534	3,544	5,075
1985 Total	6,750	5,957	6,667	7,269	2,892	3,663	2,536	6,040	3,939	4,886
1990 Total	5,988	5,240	5,779	6,141	2,301	2,947	1,967	5,370	3,610	4,178
1995 Total	6,686	6,079	6,741	6,916	2,984	3,653	2,148	5,079	3,274	4,637
2000 Total	6,624	5,986	6,317	6,504	2,902	3,555	2,152	4,952	3,464	4,491
2005 Total	6,645	5,938	6,224	6,218	2,773	3,384	1,985	4,873	3,383	4,346
2010 Total	5,935	5,539	6,188	6,570	3,163	3,954	2,450	5,060	3,628	4,461
2011 Total	6,113	5,471	6,173	6,569	2,564	3,347	2,113	5,305	3,823	4,312
2012 Total	5,563	4,960	5,356	5,520	2,305	2,880	1,648	4,561	3,418	3,771
2013 Total	6,425	5,827	6,623	7,140	2,736	3,651	2,326	5,263	3,367	4,470
2014 Total	6,676	6,190	7,196	7,308	2,961	3,935	2,421	4,739	2,777	4,558
2015 Total	6,520	5,762	6,165	6,093	2,497	3,224	2,085	4,597	2,902	4,094
2016 Total	5,928	5,339	5,701	5,791	2,465	3,095	1,750	4,620	3,035	3,887
2017 Total	6,037	5,318	5,684	6,003	2,239	2,837	1,580	4,573	3,190	3,838
2018 Total	6,323	5,769	6,434	6,975	2,638	3,479	2,252	4,810	3,172	4,291
2019 Total	6,538	5,736	6,427	7,082	2,392	3,181	2,143	5,310	3,547	4,317
2020 Total	5,822	5,199	5,855	6,326	2,263	3,064	1,812	4,784	3,219	3,914
2021 Total	5,799	5,261	5,747	6,061	2,365	3,166	1,911	4,694	3,338	3,934
2022 Total	6,018	5,635	6,344	6,906	2,519	3,438	2,199	5,126	3,365	4,243
2023 Total	5,558	4,952	5,422	5,924	2,142	2,818	1,718	5,119	3,607	3,802
2024 January	1,088	1,022	1,192	1,341	573	853	634	926	577	841
February	915	832	775	760	404	450	256	678	500	576
March	762	671	690	738	270	358	185	643	491	489
April	544	431	393	398	111	139	46	393	348	281
May	191	128	134	164	24	28	3	257	209	114
June	17	9	19	35	1	0	0	46	57	20
July	1	1	7	12	0	0	0	10	8	4
August	17	8	13	22	0	0	0	17	18	9
September	95	62	47	54	10	11	2	73	42	37
October	381	306	293	268	109	132	17	229	145	186
November	607	552	594	699	223	273	153	681	456	430
December	1,060	999	1,030	1,083	512	632	339	730	484	704
Total	5,678	5,020	5,189	5,574	2,236	2,877	1,636	4,683	3,334	3,692
2025 January	R 1,247	1,216	R 1,357	1,405	722	R 941	R 658	R 1,007	592	946
February	1,075	R 973	R 1,075	1,197	404	547	R 380	R 680	R 467	687
March	R 790	673	677	668	272	R 348	149	R 557	R 475	470
April	513	R 423	456	436	93	118	42	R 394	R 319	280
May	229	R 191	R 247	200	38	R 58	11	R 205	R 167	136
June	R 25	10	18	34	1	0	0	R 56	R 53	20
July	2	0	2	9	0	0	0	11	R 15	4
August	27	16	21	24	1	0	0	17	9	11
September	R 93	R 56	64	67	10	12	2	88	R 36	40
October	R 382	R 339	R 304	271	131	R 141	23	311	216	215
November	757	R 687	R 741	704	305	R 394	R 147	483	340	464
December	R 1,175	R 1,106	R 1,187	1,179	R 532	R 674	R 368	R 643	445	748
Total	R 6,314	R 5,690	R 6,149	R 6,195	2,509	R 3,234	R 1,780	R 4,450	R 3,135	4,021
2026 January	R 1,290	R 1,242	R 1,367	1,355	635	R 828	534	R 800	R 487	876
February	R 1,163	R 1,075	R 995	R 877	R 504	R 563	R 234	R 547	403	653
March	R 841	R 704	R 672	R 664	220	247	98	R 355	R 260	402
April	R 511	R 376	R 326	R 379	76	R 77	26	368	R 299	239
May	259	212	243	199	47	58	8	196	161	139
5-Month Total	4,064	3,609	3,604	3,474	1,481	1,773	900	2,266	1,609	2,310
2025 5-Month Total	3,854	3,477	3,813	3,908	1,529	2,012	1,240	2,843	2,020	2,520
2024 5-Month Total	3,500	3,084	3,184	3,401	1,381	1,828	1,124	2,897	2,125	2,301

^a Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

^b New Jersey, New York, and Pennsylvania.

^c Illinois, Indiana, Michigan, Ohio, and Wisconsin.

^d Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota.

^e Delaware, Florida, Georgia, Maryland (and the District of Columbia), North Carolina, South Carolina, Virginia, and West Virginia.

^f Alabama, Kentucky, Mississippi, and Tennessee.

^g Arkansas, Louisiana, Oklahoma, and Texas.

^h Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming.

ⁱ Alaska, California, Hawaii, Oregon, and Washington.

R=Revised.

Notes: • Degree days are relative measurements of outdoor air temperature used as an index for heating and cooling energy requirements. Heating degree days are the number of degrees that the daily average temperature falls below 65 degrees Fahrenheit (°F). Cooling degree days are the number of degrees that the

daily average temperature rises above 65°F. The daily average temperature is the mean of the maximum and minimum temperatures in a 24-hour period. For example, a weather station recording an average daily temperature of 40°F would report 25 heating degree days for that day (and 0 cooling degree days). If a weather station recorded an average daily temperature of 78°F, cooling degree days for that station would be 13 (and 0 heating degree days). • 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: State-level degree day data are from U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Centers for Environmental Information. Using these state-level data, the U.S. Energy Information Administration calculates population-weighted census-division and U.S. degree day averages using state populations from the same year the degree days are measured. See methodology at <https://www.eia.gov/analysis/handbook/pdf/STEO%20Weather%20Model.pdf>

Table 1.12 Cooling Degree Days by Census Division

	New England ^a	Middle Atlantic ^b	East North Central ^c	West North Central ^d	South Atlantic ^e	East South Central ^f	West South Central ^g	Mountain ^h	Pacific ⁱ	United States
1950 Total	296	403	506	646	1,427	1,419	2,280	689	628	873
1955 Total	531	764	921	1,139	1,645	1,672	2,505	787	557	1,145
1960 Total	318	488	626	870	1,597	1,529	2,367	983	794	1,002
1965 Total	311	501	617	831	1,624	1,550	2,461	788	575	981
1970 Total	423	619	746	979	1,758	1,569	2,281	981	732	1,082
1975 Total	423	586	720	937	1,802	1,439	2,162	913	597	1,052
1980 Total	439	683	768	1,158	1,923	1,751	2,652	1,083	651	1,216
1985 Total	324	513	602	780	1,882	1,519	2,519	1,107	758	1,122
1990 Total	428	566	602	912	2,058	1,560	2,527	1,224	833	1,201
1995 Total	472	705	878	928	2,030	1,611	2,398	1,226	791	1,262
2000 Total	279	460	630	983	1,925	1,672	2,773	1,494	771	1,233
2005 Total	599	895	944	1,063	2,100	1,674	2,645	1,386	777	1,390
2010 Total	634	913	963	1,095	2,271	1,974	2,754	1,370	674	1,457
2011 Total	553	840	858	1,073	2,260	1,725	3,112	1,461	734	1,470
2012 Total	563	819	974	1,221	2,163	1,760	2,913	1,581	917	1,494
2013 Total	540	685	689	892	2,001	1,438	2,535	1,470	889	1,304
2014 Total	420	600	609	812	2,000	1,491	2,474	1,438	1,068	1,295
2015 Total	556	809	729	941	2,397	1,717	2,742	1,484	1,067	1,484
2016 Total	625	891	958	1,072	2,405	1,956	2,882	1,501	929	1,554
2017 Total	451	665	708	910	2,247	1,585	2,718	1,549	1,056	1,423
2018 Total	668	890	972	1,134	2,411	1,928	2,855	1,573	1,004	1,579
2019 Total	536	787	832	951	2,503	1,885	2,759	1,397	845	1,495
2020 Total	645	848	831	964	2,335	1,636	2,735	1,683	1,071	1,519
2021 Total	604	837	911	1,093	2,226	1,611	2,644	1,583	1,040	1,492
2022 Total	647	838	816	1,050	2,306	1,727	2,992	1,585	1,088	1,557
2023 Total	521	685	712	1,047	2,273	1,675	3,130	1,479	831	1,480
2024 January	0	0	0	0	35	2	8	0	7	9
February	0	0	0	4	29	10	37	2	6	13
March	0	0	3	7	82	28	81	6	8	31
April	0	0	3	10	90	46	152	35	14	46
May	18	50	102	87	272	219	373	113	36	157
June	129	190	206	234	400	356	527	339	144	292
July	283	328	234	279	503	444	553	446	330	391
August	155	214	223	252	437	411	631	382	237	342
September	35	70	113	143	308	250	402	253	167	210
October	0	7	15	31	147	79	264	123	86	96
November	0	0	0	0	85	27	91	3	10	32
December	0	0	0	0	36	3	29	2	8	13
Total	620	859	899	1,048	2,425	1,876	3,148	1,705	1,053	1,633
2025 January	0	0	0	0	17	1	6	0	7	5
February	0	0	0	0	R 59	R 7	19	9	R 8	17
March	0	0	3	11	59	31	107	14	11	31
April	0	0	1	7	R 126	65	R 168	R 42	20	58
May	10	24	36	53	R 242	R 152	R 303	125	54	127
June	R 111	169	R 213	R 220	399	R 357	490	293	R 131	278
July	273	350	R 327	337	R 519	R 498	566	R 394	R 187	391
August	R 117	R 157	184	236	R 382	R 361	R 566	386	264	309
September	39	85	R 95	R 137	285	R 253	R 415	217	R 158	202
October	0	3	15	32	135	R 72	R 246	R 76	39	80
November	0	0	0	0	51	8	R 86	19	16	26
December	0	0	0	0	47	2	R 20	3	13	15
Total	549	R 788	R 874	1,033	2,320	R 1,808	R 2,992	1,577	R 907	R 1,540
2026 January	0	0	0	0	R 28	4	14	3	12	10
February	0	0	0	1	R 20	6	R 48	14	10	R 13
March	0	0	5	14	R 96	63	153	81	R 54	R 59
April	0	1	11	22	123	R 90	R 189	R 59	21	66
May	7	20	38	64	229	140	267	133	47	119
5-Month Total	7	21	54	100	496	303	671	290	144	268
2025 5-Month Total	10	24	40	71	503	256	603	190	99	239
2024 5-Month Total	18	50	108	108	509	305	650	157	71	257

^a Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

^b New Jersey, New York, and Pennsylvania.

^c Illinois, Indiana, Michigan, Ohio, and Wisconsin.

^d Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota.

^e Delaware, Florida, Georgia, Maryland (and the District of Columbia), North Carolina, South Carolina, Virginia, and West Virginia.

^f Alabama, Kentucky, Mississippi, and Tennessee.

^g Arkansas, Louisiana, Oklahoma, and Texas.

^h Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming.

ⁱ Alaska, California, Hawaii, Oregon, and Washington.

R=Revised.

Notes: • Degree days are relative measurements of outdoor air temperature used as an index for heating and cooling energy requirements. Cooling degree days are the number of degrees that the daily average temperature rises above 65 degrees Fahrenheit (°F). Heating degree days are the number of degrees that the

daily average temperature falls below 65°F. The daily average temperature is the mean of the maximum and minimum temperatures in a 24-hour period. For example, if a weather station recorded an average daily temperature of 78°F, cooling degree days for that station would be 13 (and 0 heating degree days). A weather station recording an average daily temperature of 40°F would report 25 heating degree days for that day (and 0 cooling degree days).

• 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: State-level degree day data are from U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Centers for Environmental Information. Using these state-level data, the U.S. Energy Information Administration calculates population-weighted census-division and U.S. degree day averages using state populations from the same year the degree days are measured. See methodology at <https://www.eia.gov/analysis/handbook/pdf/STEO%20Weather%20Model.pdf>

Table 1.13a Non-Combustion Use of Fossil Fuels in Physical Units

	Coal	Natural Gas	Petroleum							
			Asphalt and Road Oil	Hydrocarbon Gas Liquids ^a	Lubricants	Petro-chemical Feedstocks ^b	Petroleum Coke	Special Naphthas	Other ^c	Total
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels per Day							
1973 Total	3,523	898	522	684	162	356	45	88	88	1,945
1975 Total	3,105	761	419	654	137	320	43	75	122	1,770
1980 Total	2,612	759	396	890	159	692	41	100	143	2,422
1985 Total	1,536	642	425	982	145	395	46	83	95	2,173
1990 Total	758	675	483	1,071	164	546	57	56	85	2,462
1995 Total	921	868	486	1,357	156	590	58	37	70	2,754
2000 Total	674	918	525	1,543	166	662	78	51	78	3,103
2005 Total	929	761	546	1,369	141	729	106	33	75	2,997
2010 Total	719	654	362	1,597	131	539	42	14	89	2,773
2011 Total	730	680	355	1,639	125	520	40	12	91	2,781
2012 Total	707	706	340	1,747	114	444	43	8	88	2,785
2013 Total	732	721	323	1,870	121	448	40	52	93	2,948
2014 Total	562	725	327	1,780	126	410	20	55	97	2,817
2015 Total	520	703	343	1,918	138	378	21	52	99	2,948
2016 Total	435	727	351	1,943	130	371	20	49	100	2,966
2017 Total	463	746	351	2,023	121	394	19	52	103	3,062
2018 Total	531	1,118	327	2,309	117	393	22	48	103	3,320
2019 Total	520	1,114	348	2,342	113	349	21	50	94	3,318
2020 Total	418	1,049	343	2,479	102	329	17	45	88	3,403
2021 Total	509	1,072	371	2,652	105	336	18	42	90	3,615
2022 Total	784	922	378	2,681	111	246	7	47	97	3,566
2023 Total	777	924	368	2,872	83	248	7	47	91	3,716
2024 January	63	86	233	2,961	86	274	6	40	91	3,690
February	62	78	230	2,975	72	286	4	46	73	3,686
March	65	81	258	2,951	77	278	4	44	88	3,699
April	60	76	296	2,921	103	229	10	47	93	3,699
May	63	74	405	3,126	79	247	9	57	94	4,017
June	60	70	477	3,091	92	254	6	42	91	4,053
July	65	73	465	2,878	82	271	9	34	95	3,833
August	66	74	511	3,228	99	275	6	41	94	4,254
September	61	72	446	3,346	82	237	6	35	92	4,243
October	64	75	472	3,456	74	229	6	40	91	4,368
November	63	79	352	3,240	51	258	6	33	88	4,028
December	67	87	239	3,424	50	253	4	29	94	4,092
Total	759	924	366	3,134	79	258	6	41	90	3,973
2025 January	61	90	224	3,255	68	246	9	37	92	3,932
February	55	80	221	3,083	57	237	3	36	88	3,725
March	61	81	244	^R 2,953	72	261	5	36	84	3,655
April	58	75	316	2,934	96	281	7	39	86	3,760
May	62	75	386	3,051	92	306	9	34	82	3,962
June	62	70	463	3,248	83	300	7	30	88	4,218
July	61	73	487	3,332	108	294	8	38	89	4,357
August	60	74	492	3,630	100	295	6	36	87	4,647
September	59	72	498	3,363	117	283	5	36	95	4,397
October	59	75	437	3,339	96	239	5	37	80	4,232
November	57	80	335	3,234	102	255	3	33	86	4,047
December	59	87	232	3,361	86	283	7	31	91	4,090
Total	715	931	362	3,234	90	273	6	35	87	4,088
2026 January	56	88	206	^R 3,473	114	302	8	46	88	^R 4,237
February	53	78	261	3,427	118	301	9	35	92	4,243
March	57	81	294	3,154	130	249	7	40	92	3,966
April	55	76	354	3,208	91	278	4	32	^R 94	4,061
May	57	76	383	3,314	81	287	9	39	90	4,205
5-Month Total	278	398	300	3,314	107	283	7	39	91	4,141
2025 5-Month Total	297	401	279	3,056	77	267	7	37	87	3,809
2024 5-Month Total	312	395	285	2,987	83	263	7	47	88	3,759

^a Ethane, propane, normal butane, isobutane, natural gasoline, and refinery olefins (ethylene, propylene, butylene, and isobutylene).

^b Includes still gas not burned as refinery fuel.

^c Distillate fuel oil, residual fuel oil, waxes, and miscellaneous products.

R=Revised.

Notes: • Data are estimates. • Non-combustion use estimates are included in total energy consumption. See Table 1.3. • Non-combustion estimates are all for industrial sector consumption, except for some lubricants consumed by the

transportation sector. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia. • See Note 3, "Non-Combustion Use of Fossil Fuels," at end of section.

Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#summary> for all available annual and monthly data beginning in 1973.

Sources: • See Note 3, "Non-Combustion Use of Fossil Fuels," at end of section.

Table 1.13b Heat Content of Non-Combustion Use of Fossil Fuels
(Quadrillion Btu)

	Coal	Natural Gas	Petroleum								Total	Percent of Total Energy Consumption
			Asphalt and Road Oil	Hydro-carbon Gas Liquids ^a	Lubri-cants	Petro-chemical Feed-stocks ^b	Petro-leum Coke	Special Naphthas	Other ^c	Total		
1973 Total	0.113	0.916	1.264	0.872	0.359	0.726	0.093	0.169	0.185	3.668	4.696	6.4
1975 Total	.099	.777	1.014	.822	.304	.652	.090	.144	.256	3.283	4.159	6.0
1980 Total	.084	.777	.962	1.128	.354	1.426	.086	.193	.303	4.451	5.312	7.0
1985 Total	.049	.662	1.029	1.194	.322	.817	.096	.159	.201	3.818	4.529	6.1
1990 Total	.024	.695	1.170	1.345	.362	1.123	.119	.107	.179	4.406	5.125	6.2
1995 Total	.029	.892	1.178	1.716	.346	1.214	.120	.071	.145	4.790	5.711	6.4
2000 Total	.022	.942	1.276	1.928	.369	1.344	.163	.097	.164	5.342	6.306	6.5
2005 Total	.030	.782	1.323	1.701	.312	1.474	.221	.063	.157	5.250	6.062	6.2
2010 Total	.023	.669	.878	1.931	.291	1.096	.087	.026	.188	4.496	5.187	5.5
2011 Total	.023	.695	.859	1.947	.276	1.057	.083	.023	.193	4.437	5.156	5.5
2012 Total	.023	.724	.827	2.109	.254	.901	.090	.015	.187	4.382	5.128	5.6
2013 Total	.023	.741	.783	2.270	.268	.901	.083	.100	.197	4.601	5.366	5.7
2014 Total	.018	.749	.793	2.125	.280	.827	.043	.106	.205	4.379	5.146	5.4
2015 Total	.017	.730	.832	2.317	.305	.760	.043	.099	.208	4.564	5.310	5.6
2016 Total	.014	.755	.853	2.330	.289	.754	.043	.094	.212	4.575	5.344	5.7
2017 Total	.015	.773	.849	2.393	.267	.797	.040	.100	.217	4.663	5.451	5.8
2018 Total	.017	1.160	.793	2.708	.259	.794	.046	.092	.218	4.910	6.087	6.2
2019 Total	.017	1.159	.844	2.746	.250	.704	.044	.096	.198	4.882	6.057	6.3
2020 Total	.013	1.090	.832	2.870	.227	.669	.036	.087	.186	4.908	6.012	6.8
2021 Total	.016	1.114	.898	3.084	.233	.684	.038	.081	.190	5.208	6.338	6.8
2022 Total	.025	.957	.916	3.005	.245	.501	.014	.089	.204	4.975	5.957	6.3
2023 Total	.025	.959	.892	3.231	.184	.505	.015	.089	.193	5.109	6.092	6.5
2024 January	.002	.090	.048	.284	.016	.047	.001	.006	.016	.419	.511	5.6
February	.002	.081	.044	.263	.013	.046	.001	.007	.012	.386	.468	6.1
March	.002	.085	.053	.281	.014	.048	.001	.007	.016	.420	.507	6.5
April	.002	.079	.059	.267	.019	.039	.002	.007	.016	.409	.490	6.8
May	.002	.077	.083	.299	.015	.043	.002	.009	.017	.468	.547	7.3
June	.002	.073	.095	.288	.017	.043	.001	.007	.016	.466	.541	7.1
July	.002	.076	.096	.278	.015	.047	.002	.005	.017	.461	.538	6.5
August	.002	.077	.105	.309	.019	.048	.001	.007	.017	.505	.584	7.1
September	.002	.074	.089	.313	.015	.040	.001	.005	.016	.479	.555	7.5
October	.002	.078	.097	.330	.014	.040	.001	.007	.016	.505	.585	7.7
November	.002	.082	.070	.297	.009	.043	.001	.005	.015	.441	.525	6.9
December	.002	.090	.049	.325	.009	.044	.001	.005	.017	.450	.542	6.2
Total	.024	.960	.888	3.534	.175	.530	.013	.078	.191	5.409	6.394	6.8
2025 January	.002	.093	.046	.310	.013	.043	.002	.006	.016	.436	.531	5.6
February	.002	.083	.041	.264	.010	.037	.001	.005	.014	.372	.456	5.7
March	.002	.084	.050	.279	.013	.045	.001	.006	.015	.410	.495	6.3
April	.002	.078	.063	.268	.018	.047	.001	.006	.015	.418	.498	6.8
May	.002	.077	.079	.288	.017	.053	.002	.006	.015	.460	.540	7.3
June	.002	.073	.092	.300	.015	.050	.001	.005	.015	.479	.554	7.2
July	.002	.075	.100	.317	.020	.051	.001	.006	.016	.512	.589	7.1
August	.002	.077	.101	.348	.019	.051	.001	.006	.016	.541	.620	7.6
September	.002	.074	.099	.311	.021	.048	.001	.006	.016	.502	.579	7.7
October	.002	.077	.090	.317	.018	.041	.001	.006	.014	.487	.566	7.4
November	.002	.083	.067	.295	.019	.043	.001	.005	.015	.444	.529	6.8
December	.002	.090	.048	.318	.016	.049	.001	.005	.016	.453	.545	6.1
Total	.023	.965	.877	3.615	.199	.559	.013	.068	.185	5.514	6.502	6.8
2026 January	.002	.091	.042	.332	.021	.052	.001	.007	.016	.472	.565	6.1
February	.002	.081	.048	.296	.020	.047	.001	.005	.015	.432	.515	6.4
March	.002	.084	.060	.291	.024	.043	.001	.006	.017	.443	.529	6.7
April	.002	.079	.070	.289	.017	.047	.001	.005	.016	.445	.526	7.2
May	.002	.078	.079	.309	.015	.050	.002	.006	.016	.477	.557	7.5
5-Month Total	.009	.412	.300	1.517	.098	.238	.006	.031	.080	2.270	2.691	6.7
2025 5-Month Total	.010	.415	.280	1.409	.071	.226	.006	.029	.076	2.095	2.520	6.3
2024 5-Month Total	.010	.411	.288	1.394	.077	.224	.006	.037	.077	2.102	2.523	6.4

^a Ethane, propane, normal butane, isobutane, natural gasoline, and refinery olefins (ethylene, propylene, butylene, and isobutylene).

^b Includes still gas not burned as refinery fuel.

^c Distillate fuel oil, residual fuel oil, waxes, and miscellaneous products.

Notes: • Data are estimates. • Non-combustion use estimates are included in total energy consumption. See Table 1.3. • Non-combustion estimates are all for industrial sector consumption, except for some lubricants consumed by the transportation sector. • Totals may not equal sum of components due to

independent rounding. • Geographic coverage is the 50 states and the District of Columbia. • See Note 3, "Non-Combustion Use of Fossil Fuels," at end of section.

Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#summary> for all available annual and monthly data beginning in 1973.

Sources: • See Note 3, "Non-Combustion Use of Fossil Fuels," at end of section. • **Percent of Total Energy Consumption:** Calculated as total non-combustion use of fossil fuels divided by total primary energy consumption (see Table 1.3).

Note 1. Merchandise Trade Value. Imports data presented are based on the customs values. Those values do not include insurance and freight and are consequently lower than the cost, insurance, and freight (CIF) values, which are also reported by the Bureau of the Census. All exports data, and imports data through 1980, are on a free alongside ship (f.a.s.) basis.

“Balance” is exports minus imports; a positive balance indicates a surplus trade value and a negative balance indicates a deficit trade value. “Energy” includes mineral fuels, lubricants, and related material. “Non-Energy Balance” and “Total Merchandise” include foreign exports (i.e., re-exports) and nonmonetary gold and U.S. Department of Defense Grant-Aid shipments. The “Non-Energy Balance” is calculated by subtracting the “Energy” from the “Total Merchandise Balance.”

“Imports” consist of government and nongovernment shipments of merchandise into the 50 states, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, and the U.S. Foreign Trade Zones. They reflect the total arrival from foreign countries of merchandise that immediately entered consumption channels, warehouses, the Foreign Trade Zones, or the Strategic Petroleum Reserve. They exclude shipments between the United States, Puerto Rico, and U.S. possessions, shipments to U.S. Armed Forces and diplomatic missions abroad for their own use, U.S. goods returned to the United States by its Armed Forces, and in-transit shipments.

Note 2. Light-Duty Vehicle Average Annual Miles Traveled by Technology Type. The average annual light-duty vehicle miles traveled (VMT) by technology type is a stock-weighted estimate using the average VMT by vintage and the number of vehicles (stock) by vintage to determine the overall average VMT by technology type. The top-level model is defined as:

$$avg\ VMT_{tech} = \frac{\sum_{vint=1}^{25} VMT_{vint,tech} * stock_{vint,tech}}{\sum_{vint=1}^{25} stock_{vint,tech}}$$

where $avg\ VMT_{tech}$ is the average annual VMT by technology type; $VMT_{vint,tech}$ is the average annual VMT by vintage and technology type; $stock_{vint,tech}$ is the total number of on-road light-duty vehicles by vintage and technology type; $vint$ is the vintage of the vehicle, ranging from 1 to 25 years; and $tech$ is the vehicle technology type—motor gasoline vehicles, diesel vehicles, hybrid electric vehicles, battery electric vehicles (BEV), or plug-in hybrid electric vehicles (PHEV). The vintage of the vehicle relates the model year of the vehicle with the year being analyzed. For example, a model year 2024 vehicle in 2024 would have a vintage equal to one and a model year 2020 vehicle in 2024 would have a vintage equal to five. The maximum vintage EIA uses is 25, resulting in all vehicles 25 years or older be grouped in vintage 25, so a model year 1990 vehicle in 2024 would have a vintage equal to 25.

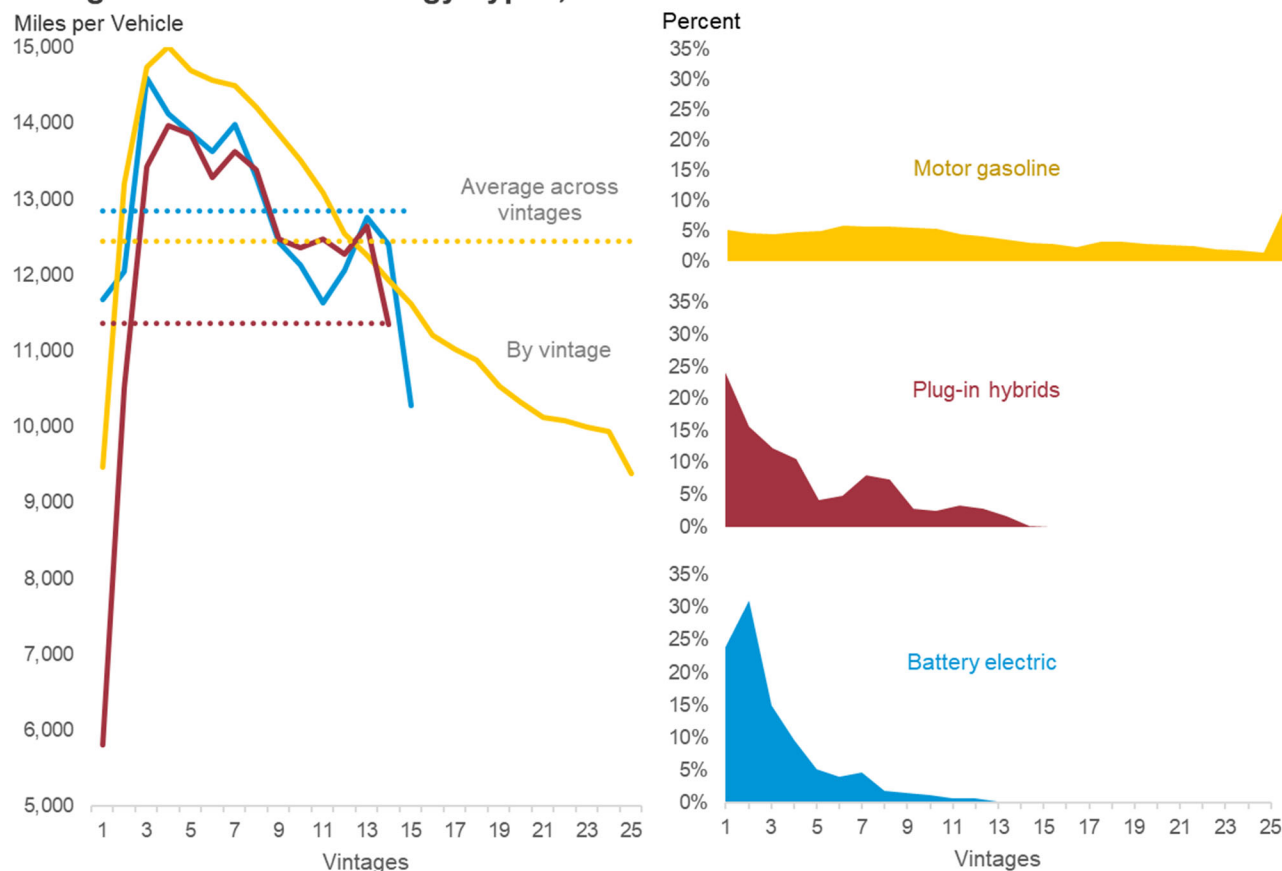
In general, newer vehicles are driven more than older vehicles. However, the average annual VMT for vintage one vehicles is typically the lowest newer vintage VMT because many of these vehicles are not owned for an entire year resulting in a lower average annual VMT for the first model year. The average annual VMT increases for the first few vintages until it reaches the highest VMT by vintage, which occurs around four years old. After the highest VMT by vintage is reached, the average annual VMT decreases as the vintage increases.

While the general pattern for travel by vintage is relatively consistent across technology types, the distribution of the stock by vintage is not consistent across technology types. For example, in 2024, nearly half of the motor gasoline vehicles were over 10 years old while only 8% of PHEVs and 2% of BEVs were over 10 years old. This implies that the average annual VMT for motor gasoline vehicles is more affected by older vehicles than the average annual VMT for BEVs and PHEVs. If the average annual VMT were calculated for 2024 using the first 10 vintages instead of all 25 vintages, the average annual VMT would increase by almost 11% for motor gasoline vehicles and change by 1% for PHEVs, and less than 1% for BEVs. When all vintages are included in the average annual VMT, BEV VMT is almost 400 miles per year more than motor gasoline vehicles in 2024.. However, when only the first 10 years are included in the average annual VMT calculation BEV VMT is almost 1,000 miles per year less than motor gasoline vehicles. Conversely, when all vintages are included in the average annual VMT, PHEV VMT is over 1,300 miles per year less than motor

gasoline. When only the first 10 years are included in the average annual VMT calculation PHEV VMT is over 2,800 miles per year less than gasoline.

Comparing the average annual VMT calculated using the first 10 vintages shows that BEVs and PHEVs have further to go to reach annual average VMT parity with motor gasoline vehicles than what is implied using all 25 vintages. When year-over-year growth in BEV and PHEV registrations slows down, their stock by vintage distribution will more closely resemble that of the motor gasoline stock by vintage distribution, the more consistent comparison can be made using all 25 vintages. However, if high growth in new vehicle registrations continues for BEVs and PHEVs resulting in most electric vehicles (EVs) being less than or equal to 10 years old, then a more consistent comparison can be made using a subset of vintages.

Figure 1.9 Annual Average Vehicle Miles Traveled and Vehicle Stock Distribution by Vintage for Select Technology Types, 2024



Source: U.S. Energy Information Administration AEO2025 National Energy Modeling System run ref2025.d032025a

Note 3. Non-Combustion Use of Fossil Fuels. Most fossil fuels consumed in the United States and elsewhere are combusted to produce heat and power. However, some are used directly for non-combustion use as construction materials, chemical feedstocks, lubricants, solvents, and waxes. For example, coal tars from coal coke manufacturing are used as feedstock in the chemical industry, for metallurgical work, and in anti-dandruff shampoos; natural gas is used to make nitrogenous fertilizers and as chemical feedstocks; asphalt and road oil are used for roofing and paving; hydrocarbon gas liquids are used to create intermediate products that are used in making plastics; lubricants, including motor oil and greases, are used in vehicles and various industrial processes; petrochemical feedstocks are used to make plastics, synthetic fabrics, and related products.

Coal

The U.S. Energy Information Administration (EIA) assumes all non-combustion use of coal comes from the process of manufacturing coal coke in the industrial sector. Among the byproducts of the process are "coal tars" or "coal liquids,"

which typically are rich in aromatic hydrocarbons, such as benzene, and are used as chemical feedstock. EIA estimates non-combustion use ratios of coal tar for 1973 forward. Prior to 1998, estimate ratios are based on coal tar production data from the United States International Trade Commission's *Synthetic Organic Chemicals*. For 1998 forward, coal tar production is estimated using chemicals industry coal, coke, and breeze nonfuel use data from EIA, Form EIA-846, "Manufacturing Energy Consumption Survey" (MECS). For Table 1.13b, coal tar values in Table 1.13a are multiplied by 32.0067 million Btu/short ton, which is the product of 4.95 barrels/short ton (the density of coal tar) and 6.466 million Btu/barrel (the approximate heat content of coal tar).

Natural Gas

EIA assumes that all non-combustion use of natural gas takes place in the industrial sector. EIA estimates non-combustion ratios of natural gas using total natural gas nonfuel use data from MECS, and natural gas used as feedstock for hydrogen production data from EIA, Form EIA-820, "Annual Refinery Report." For Table 1.13b, natural gas values in Table 1.13a are multiplied by the heat content factors for natural gas end-use sectors consumption shown in Table A4.

Asphalt and Road Oil

EIA assumes all asphalt and road oil consumption is for non-combustion use. For Table 1.13b, asphalt and road oil values in Table 1.13a are multiplied by 6.636 million Btu/ barrel (the approximate heat content of asphalt and road oil) and the number of days in the period.

Distillate Fuel Oil

EIA assumes that all non-combustion use of distillate fuel oil occurs in the industrial sector. EIA estimates non-combustion ratios of distillate fuel oil using total distillate fuel oil nonfuel use data from MECS. Ratios prior to 1985 are assumed to be equal to the 1985 ratio. For Table 1.13b, distillate fuel oil values in Table 1.13a are multiplied by the heat content factors for distillate fuel oil consumption shown in Table A3 and the number of days in the period. Distillate fuel oil is included in "other" petroleum products.

Hydrocarbon Gas Liquids (HGL)

EIA estimates non-combustion ratios of hydrocarbon gas liquids (HGL), which include ethane, propane, normal butane, isobutane, natural gasoline (pentanes plus), and refinery olefins (ethylene, propylene, butylene, and isobutylene). EIA assumes that 100% of ethane, ethylene, and propylene consumption is for non-combustion use; 85% of normal butane, butylene, isobutane, and isobutylene consumption is for non-combustion use; and 50% of natural gasoline consumption is for non-combustion use. Non-combustion use of propane in the industrial sector is estimated using data from the American Petroleum Institute (API), the Propane Education & Research Council (PERC), and EIA's *Petroleum Supply Annual* (PSA). For 1984 through 2009, propane non-combustion ratios are estimated using API propane and propylene chemical industry sales data. Propane non-combustion ratios prior to 1984 are assumed to be equal to the 1984 ratio. For 2010 through 2016, propane non-combustion ratios are estimated by subtracting API data for total odorized propane sales from PSA data for total propane product supplied. Beginning in 2017, propane non-combustion ratios are estimated by subtracting PERC data for total odorized propane sales from PSA data for total propane product supplied. For Table 1.13b, HGL component values are multiplied by the appropriate heat content factors in Table A1 and the number of days in the period.

Lubricants

EIA assumes all lubricants consumption is for non-combustion use. For Table 1.13b, lubricants values in Table 1.13a are multiplied by 6.065 million Btu/barrel (the approximate heat content of lubricants) and the number of days in the period.

Petrochemical Feedstocks, Naphtha

EIA assumes all naphtha for petrochemical feedstocks is for non-combustion use. For Table 1.13b, naphtha petrochemical feedstock values in 1.13a are multiplied by 5.248 million Btu/barrel (the approximate heat content of naphtha for petrochemical feedstocks) and the number of days in the period.

Petrochemical Feedstocks, Other Oils

EIA assumes all other oils for petrochemical feedstocks are for non-combustion use. For Table 1.13b, other oils petrochemical feedstock values in 1.13a are multiplied by 5.825 million Btu/barrel (the approximate heat content of other oils for petrochemical feedstocks) and the number of days in the period.

Petrochemical Feedstocks, Still Gas

EIA assumes all still gas not burned as refinery fuel or for pipeline gas supplies is for non-combustion use. EIA estimates non-combustion ratios of still gas by subtracting data for all known fuel uses (refinery fuel use from the PSA, and pipeline gas supplies from EIA's *Natural Gas Annual*) from the products supplied values in the PSA. The remainder is assumed to be dispatched to chemical plants as a feedstock for non-combustion use. For Table 1.13b, still gas for petrochemical feedstock values in 1.13a are multiplied by the still gas heat content factors (through 2015, the still gas heat content factor is 6.000 million Btu per fuel oil equivalent barrel; beginning in 2016, the still gas heat content factor is 6.287 million Btu per residual fuel oil equivalent barrel) and the number of days in the period.

Petroleum Coke

EIA assumes all non-combustion use of petroleum coke occurs in the industrial sector. Examples include petroleum coke used in the production of chemicals and metals. EIA estimates non-combustion ratios of petroleum coke by first subtracting data for petroleum coke consumed at refineries (from EIA, Form EIA-820, "Annual Refinery Report") from industrial sector petroleum coke consumption (from MER Table 3.7b), and then multiplying that amount by the nonfuel share of non-refinery petroleum coke consumption (from MECS). Non-combustion ratios prior to 1994 are assumed to be equal to the 1994 ratio. For Table 1.13b, petroleum coke values in 1.13a are multiplied by 5.719 million Btu/barrel (the approximate heat content of marketable petroleum coke) and the number of days in the period.

Residual Fuel Oil

EIA assumes that all non-combustion use of residual fuel oil occurs in the industrial sector. EIA estimates non-combustion ratios of residual fuel oil using total minus chemicals industry residual fuel oil nonfuel use data from MECS. Ratios prior to 1994 are assumed to be equal to the 1994 ratio. For Table 1.13b, residual fuel oil values in Table 1.13a are multiplied by 6.287 million Btu/barrel (the approximate heat content of residual fuel oil) and the number of days in the period. Residual fuel oil is included in "other" petroleum products.

Special Naphthas

EIA assumes all special naphthas consumption is for non-combustion use. For Table 1.13b, special naphthas values in Table 1.13a are multiplied by 5.248 million Btu/barrel (the approximate heat content of special naphthas) and the number of days in the period.

Waxes

EIA assumes all waxes consumption is for non-combustion use. For Table 1.13b, waxes values in Table 1.13a are multiplied by 5.537 million Btu/barrel (the approximate heat content of waxes) and the number of days in the period. Waxes are included in "other" petroleum products.

Miscellaneous Petroleum Products

Miscellaneous products include all finished petroleum products not classified elsewhere. EIA assumes all miscellaneous petroleum products consumption is for non-combustion use. For Table 1.13b, miscellaneous petroleum products values in Table 1.13a are multiplied by 5.796 million Btu/barrel (the approximate heat content of miscellaneous petroleum products) and the number of days in the period. Miscellaneous petroleum products are included in "other" petroleum products.

Table 1.2 Sources

Coal

1949–1988: Coal production data from Table 6.1 are converted to Btu by multiplying by the coal production heat content factors in Table A5.

1989 forward: Coal production data from Table 6.1 are converted to Btu by multiplying by the coal production heat content factors in Table A5. Waste coal supplied data from Table 6.1 are converted to Btu by multiplying by the waste coal supplied heat content factors in Table A5. Coal production (including waste coal supplied) is equal to coal production plus waste coal supplied.

Natural Gas (Dry)

1949 forward: Natural gas (dry) production data from Table 4.1 are converted to Btu by multiplying by the natural gas (dry) production heat content factors in Table A4.

Crude Oil

1949 forward: Crude oil (including lease condensate) production data from Table 3.1 are converted to Btu by multiplying by the crude oil (including lease condensate) production heat content factors in Table A2.

NGPL

1949 forward: Natural gas plant liquids (NGPL) production data from Table 3.1 are converted to Btu by multiplying by the NGPL production heat content factors in Table A2.

Fossil Fuels Total

1949 forward: Total fossil fuels production is the sum of the production values for coal, natural gas (dry), crude oil, and NGPL.

Nuclear Electric Power

1949 forward: Nuclear electricity net generation data from Table 7.2a are converted to Btu by multiplying by the nuclear heat rate factors in Table A6.

Renewable Energy

1949 forward: Table 10.1.

Total Primary Energy Production

1949 forward: Total primary energy production is the sum of the production values for fossil fuels, nuclear electric power, and renewable energy.

Table 1.3 Sources

Coal

1949 forward: Coal consumption data from Table 6.1 are converted to Btu by multiplying by the total coal consumption heat content factors in Table A5.

Natural Gas

1949–1979: Natural gas (including supplemental gaseous fuels) consumption data from Table 4.1 are converted to Btu by multiplying by the total natural gas consumption heat content factors in Table A4.

1980 forward: Natural gas (including supplemental gaseous fuels) consumption data from Table 4.1 are converted to Btu by multiplying by the total natural gas consumption heat content factors in Table A4. Supplemental gaseous fuels data in Btu are estimated using the method described in Note 3, “Supplemental Gaseous Fuels,” at the end of Section 4. Natural gas (excluding supplemental gaseous fuels) consumption is equal to natural gas (including supplemental gaseous fuels) consumption minus supplemental gaseous fuels.

Petroleum

1949–1992: Petroleum (excluding biofuels) consumption is equal to total petroleum products supplied from Table 3.6.

1993–2008: Petroleum (excluding biofuels) consumption is equal to total petroleum products supplied from Table 3.6 minus fuel ethanol consumption from Table 10.3.

2009–2011: Petroleum (excluding biofuels) consumption is equal to: total petroleum products supplied from Table 3.6; minus fuel ethanol (minus denaturant) consumption from Table 10.3; minus biodiesel consumption, calculated using

biodiesel data from U.S. Energy Information Administration (EIA), EIA-22M, "Monthly Biodiesel Production Survey"; and biomass-based diesel fuel data from EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," and EIA-815, "Monthly Bulk Terminal and Blender Report" (the data are converted to Btu by multiplying by the biodiesel heat content factor in Table A1); minus renewable diesel fuel and other biofuels refinery and blender net inputs, calculated using "other renewable diesel fuel" and "other renewable fuels" data from EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal and Blender Report" (the data are converted to Btu by multiplying by the heat content factors for renewable diesel fuel and other biofuels in Table A1).

2012–2020: Petroleum (excluding biofuels) consumption is equal to: total petroleum products supplied from Table 3.6; minus fuel ethanol (minus denaturant) consumption from Table 10.3; minus biodiesel consumption from Table 10.4a; minus renewable diesel fuel and other biofuels refinery and blender net inputs, calculated using "other renewable diesel fuel" and "other renewable fuels" data from EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal and Blender Report" (the data are converted to Btu by multiplying by the heat content factors for renewable diesel fuel and other biofuels in Table A1).

2021 forward: Petroleum (excluding biofuels) consumption is equal to: total petroleum products supplied from Table 3.6; minus fuel ethanol (minus denaturant) consumption from Table 10.3; minus biodiesel, renewable diesel fuel, and other biofuels refinery and blender net inputs and products supplied calculated using "biofuels except fuel ethanol" refinery and blender net inputs and products supplied from U.S. Energy Information Administration (EIA), *Petroleum Supply Annual* and *Petroleum Supply Monthly* (data are converted to Btu by multiplying by the appropriate heat content factors in Table A1).

Coal Coke Net Imports

1949 forward: Table 1.4c.

Fossil Fuels Total

1949 forward: Total fossil fuels consumption is the sum of the consumption values for coal, natural gas, and petroleum, plus coal coke net imports.

Nuclear Electric Power

1949 forward: Nuclear electricity net generation data from Table 7.2a are converted to Btu by multiplying by the nuclear heat rate factors in Table A6.

Renewable Energy

1949 forward: Table 10.1.

Electricity Net Imports

1949 forward: Table 1.4c.

Total Primary Energy Consumption

1949 forward: Total primary energy consumption is the sum of the consumption values for fossil fuels, nuclear electric power, and renewable energy, plus electricity net imports.

Table 1.4a Sources

Coal

1949 forward: Coal imports data from Table 6.1 are converted to Btu by multiplying by the coal imports heat content factors in Table A5.

Coal Coke

1949 forward: Coal coke imports data from U.S. Department of Commerce, Bureau of the Census, Monthly Report IM 145, are converted to Btu by multiplying by the coal coke imports heat content factor in Table A5.

Natural Gas

1949 forward: Natural gas imports data from Table 4.1 are converted to Btu by multiplying by the natural gas imports heat content factors in Table A4.

Crude Oil

1949 forward: Crude oil imports data from Table 3.3b are converted to Btu by multiplying by the crude oil imports heat content factors in Table A2.

Petroleum Products

1949–1992: Petroleum products (excluding biofuels) imports are equal to total petroleum imports from Table 3.3b minus crude oil imports from Table 3.3b; petroleum products (excluding biofuels) imports data are converted to Btu by multiplying by the total petroleum products imports heat content factors in Table A2.

1993–2008: Petroleum products (excluding biofuels) imports are equal to petroleum products (including biofuels) imports (see 1949–1992 sources above) minus fuel ethanol (minus denaturant) imports (see “Biomass—Fuel Ethanol (Minus Denaturant)” sources below).

2009–2011: Biomass-based diesel fuel imports data are from U.S. Energy Information Administration, Petroleum Supply Annual (PSA), Tables 1 and 25, and Petroleum Supply Monthly (PSM), Tables 1 and 37 (the data are converted to Btu by multiplying by the biodiesel heat content factor in Table A1). Petroleum products (excluding biofuels) imports are equal to petroleum products (including biofuels) imports (see 1949–1992 sources above) minus fuel ethanol (minus denaturant) imports (see “Biomass—Fuel Ethanol (Minus Denaturant)” sources below) minus biomass-based diesel fuel imports.

2012–2020: Petroleum products (excluding biofuels) imports are equal to petroleum products (including biofuels) imports (see 1949–1992 sources above) minus fuel ethanol (minus denaturant) imports (see “Biomass—Fuel Ethanol (Minus Denaturant)” sources below) minus biodiesel imports (see “Biomass—Biodiesel”) minus renewable diesel fuel imports (see “Biomass—Renewable Diesel Fuel”).

2021 forward: Petroleum products (excluding biofuels) imports are equal to petroleum products (including biofuels) imports (see 1949–1992 sources above) minus fuel ethanol (minus denaturant) imports (see “Biomass—Fuel Ethanol (Minus Denaturant)” sources below) minus biodiesel imports (see “Biomass—Biodiesel”) minus renewable diesel fuel imports (see “Biomass—Renewable Diesel Fuel”) minus other biofuels imports (see “Biomass—Other Biofuels”).

Total Petroleum

1949 forward: Total petroleum imports are equal to crude oil imports plus petroleum products imports.

Biomass—Fuel Ethanol (Minus Denaturant)

1993 forward: Fuel ethanol (including denaturant) imports data are from PSA/PSM. Fuel ethanol (minus denaturant) production is equal to fuel ethanol (including denaturant) production from Table 10.3 minus denaturant from Table 10.3. Fuel ethanol (minus denaturant) imports are equal to fuel ethanol (including denaturant) imports multiplied by the ratio of fuel ethanol (minus denaturant) production to fuel ethanol (including denaturant) production. Fuel ethanol (minus denaturant) imports data are converted to Btu by multiplying by 3.539 million Btu per barrel, the undenatured ethanol heat content factor in Table A3.

Biomass—Biodiesel

2001 forward: Biodiesel imports data are from Table 10.4a, and are converted to Btu by multiplying by the biodiesel heat content factor in Table A1.

Biomass—Renewable Diesel Fuel

2012 forward: Renewable diesel fuel imports data are from Table 10.4b, and are converted to Btu by multiplying by the renewable diesel fuel heat content factor in Table A1.

Biomass—Other Biofuels

2021 forward: Other biofuels imports data are from Table 10.4c, and are converted to Btu by multiplying by the other biofuels heat content factor in Table A1.

Total Biomass

1993–2000: Total biomass imports are equal to fuel ethanol (minus denaturant) imports.

2001–2011: Total biomass imports are equal to fuel ethanol (minus denaturant) imports plus biodiesel imports.

2012–2020: Total biomass imports are the sum of imports values for fuel ethanol (minus denaturant), biodiesel, and renewable diesel fuel.

2021 forward: Total biomass imports are the sum of imports values for fuel ethanol (minus denaturant), biodiesel, renewable diesel fuel, and other biofuels.

Electricity

1949 forward: Electricity imports data from Table 7.1 are converted to Btu by multiplying by the electricity heat content factor in Table A6.

Total Primary Energy Imports

1949 forward: Total primary energy imports are the sum of the imports values for coal, coal coke, natural gas, total petroleum, total biomass, and electricity.

Table 1.4b Sources

Coal

1949 forward: Coal exports data from Table 6.1 are converted to Btu by multiplying by the coal exports heat content factors in Table A5.

Coal Coke

1949 forward: Coal coke exports data from U.S. Department of Commerce, Bureau of the Census, Monthly Report EM 545, are converted to Btu by multiplying by the coal coke exports heat content factor in Table A5.

Natural Gas

1949 forward: Natural gas exports data from Table 4.1 are converted to Btu by multiplying by the natural gas exports heat content factors in Table A4.

Crude Oil

1949 forward: Crude oil exports data from Table 3.3b are converted to Btu by multiplying by the crude oil exports heat content factor in Table A2.

Petroleum Products

1949–2009: Petroleum products (excluding biofuels) exports are equal to total petroleum exports from Table 3.3b minus crude oil exports from Table 3.3b; petroleum products (excluding biofuels) exports data are converted to Btu by multiplying by the total petroleum products exports heat content factors in Table A2.

2010: Petroleum products (including biofuels) exports are equal to total petroleum exports from Table 3.3b minus crude oil exports from Table 3.3b; petroleum products (including biofuels) exports data are converted to Btu by multiplying by the total petroleum products exports heat content factors in Table A2. Petroleum products (excluding biofuels) exports are equal to petroleum products (including biofuels) exports minus fuel ethanol (minus denaturant) exports (see “Biomass—Fuel Ethanol (Minus Denaturant)” sources below).

2011–2018: Biomass-based diesel fuel exports data are from U.S. Energy Information Administration (EIA), Petroleum Supply Annual (PSA), Table 31, and are converted to Btu by multiplying by the biodiesel heat content factor in Table A1. Petroleum products (excluding biofuels) exports are equal to petroleum products (including biofuels) exports (see 2010 sources above) minus fuel ethanol (minus denaturant) exports (see “Biomass—Fuel Ethanol (Minus Denaturant)” sources below) minus biomass-based diesel fuel exports.

2019–2024: Biodiesel exports data are from EIA, PSA, and *Petroleum Supply Monthly* (PSM), and are converted to Btu by multiplying by the biodiesel heat content factor in Table A1. Petroleum products (excluding biofuels) exports are equal to petroleum products (including biofuels) exports (see 2010 sources above) minus fuel ethanol (minus denaturant) exports (see “Biomass—Fuel Ethanol (Minus Denaturant)” sources below) minus biodiesel exports.

2025: Petroleum products (excluding biofuels) exports data are equal to petroleum products (including biofuels) exports (see 2010 sources above) minus fuel ethanol (minus denaturant) exports (see “Biomass—Fuel Ethanol (Minus Denaturant)” sources below) minus biodiesel exports (see “Biomass—Biodiesel” sources below) minus renewable diesel fuel exports (see “Biomass—Renewable Diesel Fuel” sources below) minus other biofuels exports (see “Biomass—Other Biofuels” sources below).

Total Petroleum

1949 forward: Total petroleum exports are equal to crude oil exports plus petroleum products exports.

Biomass—Fuel Ethanol (Minus Denaturant)

2010 forward: Fuel ethanol (including denaturant) exports data are from PSA/PSM. Fuel ethanol (minus denaturant) production is equal to fuel ethanol (including denaturant) production from Table 10.3 minus denaturant from Table 10.3. Fuel ethanol (minus denaturant) exports are equal to fuel ethanol (including denaturant) exports multiplied by the ratio of fuel ethanol (minus denaturant) production to fuel ethanol (including denaturant) production. Fuel ethanol (minus denaturant) exports are converted to Btu by multiplying by 3.539 million Btu per barrel, the undenatured ethanol heat content factor in Table A3.

Biomass—Biodiesel

2001 forward: Biodiesel exports data are from Table 10.4a, and are converted to Btu by multiplying by the biodiesel heat content factor in Table A1.

Biomass—Densified Biomass

2016 forward: Densified biomass exports data are from EIA, Form EIA-63C, “Densified Biomass Fuel Report.”

Biomass—Renewable Diesel Fuel

2025: Renewable diesel fuel exports data are from Table 10.4b, and are converted to Btu by multiplying by the renewable diesel fuel heat content factor in Table A1.

Biomass—Other Biofuels

2025: Other biofuels exports data are from Table 10.4c, and are converted to Btu by multiplying by the other biofuels heat content factor in Table A1.

Total Biomass

2001–2009: Total biomass exports are equal to biodiesel exports.

2010–2015: Total biomass exports are equal to fuel ethanol (minus denaturant) exports plus biodiesel exports.

2016–2024: Total biomass exports are the sum of the exports values for fuel ethanol (minus denaturant), biodiesel, and densified biomass.

2025: Total biomass exports are the sum of the exports values for fuel ethanol (minus denaturant), biodiesel, densified biomass, renewable diesel fuel, and other biofuels.

Electricity

1949 forward: Electricity exports data from Table 7.1 are converted to Btu by multiplying by the electricity heat content factor in Table A6.

Total Primary Energy Exports

1949 forward: Total primary energy exports are the sum of the exports values for coal, coal coke, natural gas, total petroleum, total biomass, and electricity.

Table 1.5 Sources

U.S. Department of Commerce, U.S. Census Bureau, Foreign Trade Division:

Petroleum Exports

1974–1987: “U.S. Exports,” FT-410, December issues.

1988 and 1989: “Report on U.S. Merchandise Trade,” final revisions.

1990–1992: “U.S. Merchandise Trade,” final report.

1993–2020: “U.S. International Trade in Goods and Services,” annual revisions.

2022–2024: “U.S. International Trade in Goods and Services,” 2024 annual revisions.

2025 forward: “U.S. International Trade in Goods and Services,” FT-900, monthly.

Petroleum Imports

1974–1987: “U.S. Merchandise Trade,” FT-900, December issues, 1975–1988.

1988 and 1989: “Report on U.S. Merchandise Trade,” final revisions.

1990–1993: “U.S. Merchandise Trade,” final report.

1994–2020: “U.S. International Trade in Goods and Services,” annual revisions.

2022–2024: “U.S. International Trade in Goods and Services,” 2024 annual revisions.

2025 forward: “U.S. International Trade in Goods and Services,” FT-900, monthly.

Energy Exports and Imports

1974–1987: U.S. merchandise trade press releases and database printouts for adjustments.

1988: January–July, monthly FT-900 supplement, 1989 issues. August–December, monthly FT-900, 1989 issues.

1989: Monthly FT-900, 1990 issues.

1990–1992: “U.S. Merchandise Trade,” final report.

1993–2020: “U.S. International Trade in Goods and Services,” annual revisions.

2022–2024: “U.S. International Trade in Goods and Services,” 2024 annual revisions.

2025 forward: “U.S. International Trade in Goods and Services,” FT-900, monthly.

Petroleum Balance

1974 forward: The petroleum balance is calculated by the U.S. Energy Information Administration (EIA) as petroleum imports minus petroleum exports.

Energy Balance

1974 forward: The energy balance is calculated by EIA as energy imports minus energy exports.

Non-Energy Balance

1974 forward: The non-energy balance is calculated by EIA as the total merchandise balance minus the energy balance.

Total Merchandise

1974–1987: U.S. merchandise trade press releases and database printouts for adjustments.

1988: “Report on U.S. Merchandise Trade, 1988 final revisions,” August 18, 1989.

1989: “Report on U.S. Merchandise Trade, 1989 revisions,” July 10, 1990.

1990: "U.S. Merchandise Trade, 1990 final report," May 10, 1991, and "U.S. Merchandise Trade, December 1992," February 18, 1993, page 3.

1991: "U.S. Merchandise Trade, 1992 final report," May 12, 1993.

1992–2020: "U.S. International Trade in Goods and Services," annual revisions.

2022–2024: "U.S. International Trade in Goods and Services," 2024 annual revisions.

2025 forward: "U.S. International Trade in Goods and Services," FT-900, monthly.