Table CT1. Energy Consumption Estimates for Selected Energy Sources in Physical Units, Selected Years, 1960-2021, United States

Year	Coal	Net Imports of Coal Coke	Natural Gas [a]	Petroleum: Distillate Fuel Oil [b]	Petroleum: HGL [c]	Petroleum: Jet Fuel [d]	Petroleum: Motor Gasoline [e]	Petroleum: Residual Fuel Oil	Petroleum: Other [f]	Petroleum: Total	Nuclear Electric Power	Hydro-electric Power [g]	Fuel Ethanol [h]	Biodiesel
	Million Short Tons		Billion Cubic Feet	Million Barrels							Billion Kilowatthours		Million Barrels	
1960	398	(s)	11,967	685	227	136	1,453	559	525	3,586	1	149	NA	NA
1965	472	-1	15,280	776	307	220	1,676	587	636	4,202	4	197	NA	NA
1970	523	-2	21,139	927	447	353	2,111	804	722	5,364	22	251	NA	NA
1971	502	-1	21,793	971	457	369	2,195	838	722	5,553	38	270	NA	NA
1972	524	-1	22,101	1,066	520	382	2,334	926	762	5,990	54	276	NA	NA
1973	563	(s)	22,049	1,129	531	387	2,436	1,030	805	6,317	83	275	NA	NA
1974	558	2	21,223	1,076	519	363	2,386	963	771	6,078	114	304	NA	NA
1975	563	1	19,538	1,041	493	365	2,436	899	723	5,958	173	303	NA	NA
1976	604	(s)	19,946	1,147	515	361	2,554	1,025	789	6,391	191	287	NA	NA
1977	625	1	19,521	1,223	519	379	2,620	1,121	866	6,727	251	224	NA	NA
1978	625	5	19,627	1,253	516	386	2,705	1,103	917	6,879	276	283	NA	NA
1979	681	3	20,241	1,208	607	393	2,568	1,032	949	6,757	255	283	NA	NA
1980	703	-1	19,877	1,049	582	391	2,408	918	895	6,242	251	279	NA	NA
1981	733	-1	19,404	1,032	578	368	2,404	762	717	5,861	273	264	2	NA
1982	707	-1	18,001	975	584	370	2,387	627	641	5,583	283	312	5	NA
1983	737	-1	16,835	982	561	382	2,417	519	699	5,559	294	335	10	NA
1984	791	(s)	17,951	1,041	623	430	2,449	501	711	5,756	328	324	12	NA
1985	818	-1	17,281	1,047	628	445	2,493	439	688	5,740	384	284	15	NA
1986	804	-1	16,221	1,064	594	477	2,567	518	722	5,942	414	294	17	NA
1987	837	(s)	17,211	1,086	638	506	2,630	462	761	6,083	455	253	19	NA
1988	884	2	18,030	1,143	651	530	2,685	504	812	6,326	527	226	20	NA
1989	895	1	19,119	1,152	653	544	2,675	500	800	6,324	529	272	20	NA
1990	904	(s)	19,174	1,103	622	556	2,641	449	831	6,201	577	293	18	NA
1991	899	(s)	19,562	1,066	680	537	2,623	423	771	6,101	613	289	21	NA
1992	908	1	20,228	1,090	712	532	2,660	401	839	6,234	619	253	23	NA
1993	944	1	20,790	1,110	705	536	2,729	394	817	6,291	610	280	27	NA
1994	951	2	21,247	1,154	759	557	2,774	373	849	6,467	640	260	31	NA
1995	962	2	22,207	1,170	766	553	2,843	311	826	6,469	673	311	33	NA
1996	1,006	1	22,609	1,232	813	578	2,888	311	880	6,701	675	347	24	NA
1997	1,030	2	22,737	1,254	815	583	2,926	291	927	6,796	629	356	30	NA
1998	1,037	3	22,246	1,263	776	592	3,012	324	937	6,905	674	323	33	NA
1999	1,039	2	22,405	1,304	880	611	3,077	303	950	7,125	728	320	34	NA
2000	1,084	3	23,333	1,362	891	631	3,101	333	893	7,211	754	276	39	NA
2001	1,060	1	22,239	1,404	803	604	3,143	296	922	7,172	769	217	41	(s)
2002	1,066	2	23,027	1,378	838	589	3,229	255	923	7,213	780	264	49	(s)
2003	1,095	2	22,277	1,433	805	576	3,261	282	955	7,312	764	276	67	(s)
2004	1,107	6	22,403	1,485	829	597	3,333	316	1,028	7,588	789	268	85	1
2005	1,126	2	22,014	1,503	783	613	3,343	336	1,015	7,593	782	270	97	2
2006	1,112	2	21,699	1,522	779	596	3,377	251	1,025	7,551	787	289	131	6
2007	1,128	1	23,104	1,532	800	592	3,389	264	972	7,548	806	248	164	8
2008	1,120	2	23,277	1,444	748	563	3,290	228	863	7,136	806	255	231	7
2009	997	-1	22,910	1,325	776	509	3,284	187	771	6,852	799	273	263	8
2010	1,049	(s)	24,087	1,387	826	523	3,282	195	787	7,000	807	260	306	6
2011	1,003	(s)	24,477	1,423	821	520	3,195	168	769	6,897	790	319	307	21
2012	889	(s)	25,538	1,369	839	512	3,178	135	732	6,765	769	276	307	21
2013	924	-1	26,155	1,397	913	524	3,228	116	745	6,923	789	269	315	34
2014	918	-1	26,593	1,474	892	537	3,256	94	720	6,972	797	259	320	34
2015	798	-1	27,244	1,458	931	565	3,350	95	730	7,129	797	249	332	36
2016	731	-1	27,444	1,419	930	591	3,410	119	738	7,207	806	268	342	50
2017	717	-1	27,140	1,435	963	614	3,404	125	742	7,282	805	300	345	47
2018	688	-1	R 30,149	1,513	1,100	623	3,405	116	729	7,487	807	293	343	45
2019	587	-1	R 31,143	1,498	1,146	636	3,398	100	720	7,498	809	288	346	43
2020	477	-1	R 30,513	1,386	1,181	394	2,946	76	673	6,656	790	285	302	45
2021	546	-2	30,615	1,450	1,256	500	3,218	115	722	7,260	778	252	332	41

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil. Excludes biofuels product supplied.
[c] Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
[d] Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."
[e] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[f] Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
[g] Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.
[h] Includes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate.

NA = Not available.
Where shown, R = Revised data and (s) = Value less than +0.5 and greater than -0.5.
Notes: Totals may not equal sum of components due to independent rounding. · The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.
Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.
Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2021, United States

(Trillion Btu)

	Fossil Fuels											Fossil Fuels (as commingled)		
				Petroleum										
Year	Coal	Net Imports of Coal Coke	Natural Gas excluding Supplemental Gaseous Fuels [a]	Distillate Fuel Oil excluding Biofuels [a]	HGL [b]	Jet Fuel [c]	Motor Gasoline excluding Fuel Ethanol [a]	Residual Fuel Oil	Other [d]	Total	Total	*Natural Gas including Supplemental Gaseous Fuels* [a]	*Distillate Fuel Oil including Biofuels* [a]	*Motor Gasoline including Fuel Ethanol* [a]
1960	9,831	-6	12,385	3,992	866	739	7,631	3,517	3,129	19,874	42,084	*12,385*	*3,992*	*7,631*
1965	11,582	-18	15,779	4,519	1,170	1,215	8,806	3,691	3,784	23,184	50,527	*15,779*	*4,519*	*8,806*
1970	12,269	-58	21,693	5,401	1,667	1,973	11,091	5,057	4,312	29,500	63,404	*21,693*	*5,401*	*11,091*
1971	11,603	-33	22,365	5,658	1,700	2,061	11,532	5,269	4,322	30,541	64,477	*22,365*	*5,658*	*11,532*
1972	12,110	-26	22,682	6,210	1,927	2,141	12,259	5,820	4,563	32,919	67,685	*22,682*	*6,210*	*12,259*
1973	12,960	-7	22,595	6,575	1,959	2,167	12,797	6,477	4,831	34,806	70,354	*22,595*	*6,575*	*12,797*
1974	12,651	56	21,730	6,267	1,914	2,030	12,535	6,056	4,619	33,421	67,857	*21,730*	*6,267*	*12,535*
1975	12,656	14	19,977	6,061	1,811	2,047	12,798	5,649	4,332	32,699	65,345	*19,977*	*6,061*	*12,798*
1976	13,576	(s)	20,381	6,679	1,877	2,026	13,415	6,445	4,700	35,142	69,099	*20,381*	*6,679*	*13,415*
1977	13,907	15	19,972	7,126	1,867	2,126	13,760	7,047	5,156	37,083	70,977	*19,972*	*7,126*	*13,760*
1978	13,770	125	20,068	7,296	1,848	2,164	14,211	6,936	5,464	37,919	71,881	*20,068*	*7,296*	*14,211*
1979	15,042	63	20,688	7,039	2,214	2,204	13,487	6,485	5,646	37,076	72,868	*20,688*	*7,039*	*13,487*
1980	15,461	-35	20,227	6,110	2,135	2,190	12,648	5,772	5,304	34,160	69,812	*20,384*	*6,110*	*12,648*
1981	15,938	-16	19,750	6,014	2,098	2,062	12,631	4,791	4,289	31,884	67,555	*19,928*	*6,014*	*12,631*
1982	15,269	-22	18,367	5,679	2,095	2,072	12,538	3,939	3,858	30,180	63,794	*18,515*	*5,679*	*12,538*
1983	15,867	-16	17,212	5,720	1,983	2,141	12,697	3,260	4,196	29,997	63,061	*17,348*	*5,720*	*12,697*
1984	17,014	-11	18,390	6,065	2,230	2,414	12,867	3,151	4,267	30,993	66,385	*18,503*	*6,065*	*12,867*
1985	17,540	-13	17,714	6,098	2,252	2,497	13,098	2,759	4,164	30,867	66,107	*17,843*	*6,098*	*13,098*
1986	17,241	-17	16,603	6,196	2,158	2,682	13,487	3,255	4,372	32,151	65,978	*16,718*	*6,196*	*13,487*
1987	17,950	9	17,647	6,328	2,339	2,843	13,816	2,901	4,591	32,818	68,424	*17,750*	*6,328*	*13,816*
1988	18,886	40	18,460	6,655	2,373	2,982	14,105	3,170	4,888	34,174	71,559	*18,563*	*6,655*	*14,105*
1989	19,055	30	19,607	6,712	2,403	3,059	14,050	3,144	4,797	34,165	72,858	*19,716*	*6,712*	*14,050*
1990	19,168	5	19,628	6,422	2,259	3,129	13,872	2,820	4,999	33,501	72,301	*19,752*	*6,422*	*13,872*
1991	18,989	10	20,033	6,210	2,466	3,025	13,781	2,657	4,651	32,790	71,822	*20,148*	*6,210*	*13,781*
1992	19,118	35	20,724	6,351	2,595	3,001	13,973	2,518	5,031	33,469	73,345	*20,844*	*6,351*	*13,973*
1993	19,836	27	21,255	6,466	2,557	3,028	14,141	2,479	4,920	33,592	74,710	*21,376*	*6,466*	*14,236*
1994	19,904	58	21,757	6,718	2,777	3,154	14,360	2,342	5,107	34,458	76,177	*21,870*	*6,718*	*14,466*
1995	20,099	61	22,721	6,812	2,791	3,132	14,680	1,955	4,976	34,346	77,226	*22,833*	*6,812*	*14,794*
1996	21,002	23	23,151	7,168	2,951	3,274	14,967	1,952	5,280	35,593	79,769	*23,262*	*7,168*	*15,049*
1997	21,444	46	23,372	7,298	2,956	3,308	15,127	1,828	5,552	36,069	80,932	*23,477*	*7,298*	*15,231*
1998	21,583	67	22,912	7,352	2,809	3,357	15,559	2,036	5,611	36,724	81,286	*23,016*	*7,352*	*15,674*
1999	21,582	58	22,925	7,587	3,193	3,462	15,889	1,905	5,701	37,737	82,302	*23,026*	*7,587*	*16,008*
2000	22,576	65	23,815	7,927	3,216	3,580	15,991	2,091	5,352	38,157	84,613	*23,907*	*7,927*	*16,127*
2001	21,906	29	22,748	8,170	2,895	3,426	16,201	1,861	5,534	38,088	82,771	*22,836*	*8,170*	*16,345*
2002	21,903	61	23,514	8,020	3,006	3,340	16,619	1,605	5,532	38,122	83,599	*23,582*	*8,020*	*16,790*
2003	22,323	51	22,823	8,341	2,905	3,265	16,715	1,772	5,715	38,713	83,909	*22,891*	*8,341*	*16,949*
2004	22,464	138	22,927	8,642	2,976	3,383	17,023	1,990	6,136	40,148	85,678	*22,988*	*8,642*	*17,316*
2005	22,793	44	22,567	8,745	2,812	3,475	17,022	2,111	6,062	40,227	85,632	*22,632*	*8,745*	*17,358*
2006	22,444	61	22,225	8,831	2,768	3,379	17,058	1,581	6,127	39,743	84,474	*22,293*	*8,831*	*17,511*
2007	22,748	25	23,671	8,858	2,835	3,358	16,859	1,659	5,815	39,384	85,828	*23,735*	*8,858*	*17,428*
2008	22,383	41	23,836	8,346	2,656	3,193	15,999	1,432	5,165	36,792	83,051	*23,898*	*8,346*	*16,799*
2009	19,691	-24	23,421	R 7,594	2,707	2,883	15,805	1,173	4,618	R 34,780	R 77,868	*23,487*	*7,657*	*16,714*
2010	20,828	-6	24,568	R 7,966	2,881	2,963	15,570	1,228	4,713	R 35,321	R 80,711	*24,634*	*8,011*	*16,632*
2011	19,664	11	24,954	R 8,099	2,811	2,950	15,110	1,058	4,611	R 34,640	R 79,268	*25,015*	*8,211*	*16,175*
2012	17,381	4	26,076	R 7,783	2,887	2,901	15,022	849	4,393	33,833	77,294	*26,138*	*7,897*	*16,085*
2013	18,039	-17	26,789	R 7,838	3,166	2,969	15,240	731	4,455	R 34,398	R 79,209	*26,845*	*8,051*	*16,332*
2014	17,997	-22	27,377	R 8,283	3,067	3,042	15,361	590	4,315	R 34,658	R 80,010	*27,439*	*8,492*	*16,473*
2015	15,549	-18	28,180	R 8,178	3,221	3,204	15,788	595	4,381	R 35,368	R 79,079	*28,241*	*8,403*	*16,941*
2016	14,227	-19	28,393	R 7,871	3,184	3,350	16,051	751	4,506	R 35,712	R 78,313	*28,453*	*8,170*	*17,238*
2017	13,840	-29	28,057	R 7,981	3,272	3,481	16,002	784	4,523	R 36,044	R 77,912	*28,126*	*8,263*	*17,201*
2018	13,250	-26	R 31,163	R 8,453	3,720	3,533	16,013	729	4,446	R 36,892	R 81,280	R *31,236*	*8,715*	*17,209*
2019	11,315	-21	R 32,236	R 8,376	3,897	3,608	15,960	631	4,395	R 36,867	R 80,397	R *32,300*	*8,626*	*17,166*
2020	9,183	-13	R 31,562	R 7,721	3,956	2,234	13,834	478	4,110	R 32,333	R 73,065	R *31,629*	*7,975*	*14,883*
2021	10,548	-49	31,656	8,243	4,230	2,835	15,095	721	4,391	35,252	77,407	*31,726*	*8,357*	*16,250*

[a] Supplemental gaseous fuels (SGF) and biofuels are consumed with natural gas and petroleum products. In this table, SGF and biofuels are removed from natural gas and petroleum so that a fossil fuel total can be calculated without double-counting. Biofuels are included in "Renewable Energy."

[b] Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

[c] Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

[d] Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.

Where shown, R = Revised data and (s) = Value less than +0.5 and greater than -0.5 trillion Btu.

Notes: Totals may not equal sum of components due to independent rounding. · The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2021, United States (Continued)

(Trillion Btu)

Year	Nuclear Electric Power	Renewable Energy											Electricity Net Imports [l]	Total [f,j]
		Hydro-electric Power [e,f]	Biomass						Geo-thermal [f]	Solar [f,k]	Wind	Total [f,j]		
			Wood and Waste [f,g]	Fuel Ethanol [h]	Biodiesel	Renewable Diesel	Losses and Co-products [i]	Total [f,j]						
1960	6	1,608	1,320	NA	NA	NA	NA	1,320	(s)	NA	NA	2,928	15	45,034
1965	43	2,059	1,335	NA	NA	NA	NA	1,335	2	NA	NA	3,396	(s)	53,966
1970	239	2,634	1,431	NA	NA	NA	NA	1,431	6	NA	NA	4,070	7	67,720
1971	413	2,824	1,432	NA	NA	NA	NA	1,432	6	NA	NA	4,262	12	69,164
1972	584	2,864	1,503	NA	NA	NA	NA	1,503	15	NA	NA	4,382	26	72,677
1973	910	2,861	1,529	NA	NA	NA	NA	1,529	20	NA	NA	4,411	49	75,724
1974	1,272	3,177	1,540	NA	NA	NA	NA	1,540	26	NA	NA	4,742	43	73,915
1975	1,900	3,155	1,499	NA	NA	NA	NA	1,499	34	NA	NA	4,687	21	71,953
1976	2,111	2,976	1,713	NA	NA	NA	NA	1,713	38	NA	NA	4,727	29	75,967
1977	2,702	2,333	1,838	NA	NA	NA	NA	1,838	37	NA	NA	4,209	59	77,947
1978	3,024	2,937	2,038	NA	NA	NA	NA	2,038	31	NA	NA	5,005	67	79,978
1979	2,776	2,931	2,152	NA	NA	NA	NA	2,152	40	NA	NA	5,123	69	80,836
1980	2,739	2,900	2,472	NA	NA	NA	NA	2,472	53	NA	NA	5,425	71	78,048
1981	3,008	2,758	2,587	7	NA	NA	6	2,600	59	NA	NA	5,417	113	76,094
1982	3,131	3,266	2,630	19	NA	NA	16	2,665	51	NA	NA	5,981	100	73,006
1983	3,203	3,527	2,841	34	NA	NA	29	2,904	64	NA	(s)	6,496	121	72,879
1984	3,553	3,386	2,894	42	NA	NA	35	2,972	81	(s)	(s)	6,438	135	76,511
1985	4,076	2,970	2,923	51	NA	NA	42	3,016	97	(s)	(s)	6,084	140	76,407
1986	4,380	3,071	2,825	59	NA	NA	48	2,932	108	(s)	(s)	6,111	122	76,592
1987	4,754	2,635	2,755	68	NA	NA	55	2,878	112	(s)	(s)	5,624	158	78,960
1988	5,587	2,334	2,892	69	NA	NA	55	3,016	106	(s)	(s)	5,457	108	82,711
1989	5,602	2,837	3,034	70	NA	NA	56	3,159	162	54	22	6,235	37	84,732
1990	6,104	3,046	2,626	62	NA	NA	49	2,737	171	59	29	6,042	8	84,455
1991	6,422	3,016	2,654	72	NA	NA	56	2,782	178	62	31	6,068	67	84,379
1992	6,479	2,617	2,787	81	NA	NA	64	2,932	179	63	30	5,821	87	85,732
1993	6,410	2,892	2,737	95	NA	NA	74	2,906	186	65	31	6,079	95	87,295
1994	6,694	2,683	2,839	106	NA	NA	82	3,028	173	67	36	5,987	153	89,011
1995	7,075	3,205	2,901	114	NA	NA	86	3,101	152	68	33	6,559	134	90,995
1996	7,087	3,590	3,014	82	NA	NA	61	3,157	163	69	33	7,012	137	94,005
1997	6,597	3,640	2,919	104	NA	NA	80	3,103	167	68	34	7,012	116	R 94,656
1998	7,068	3,297	2,726	115	NA	NA	86	2,927	168	67	31	6,491	88	94,933
1999	7,610	3,268	2,754	119	NA	NA	90	2,963	172	66	46	6,515	99	96,526
2000	7,862	2,811	2,773	137	NA	NA	99	3,008	164	R 63	57	6,104	115	98,695
2001	8,029	2,242	2,374	144	1	NA	108	2,627	164	62	70	5,164	75	96,039
2002	8,145	2,689	2,397	171	2	NA	130	2,701	171	60	105	5,726	72	R 97,542
2003	7,960	2,793	2,403	233	2	NA	168	2,806	173	R 58	113	5,944	22	97,835
2004	8,223	2,688	2,510	293	3	NA	201	3,008	178	R 58	142	6,075	39	100,014
2005	8,161	2,703	2,538	335	12	NA	227	3,112	181	58	178	6,232	85	R 100,109
2006	8,215	2,869	2,496	453	33	NA	280	3,262	181	R 60	264	6,637	63	99,388
2007	8,459	2,446	2,502	569	45	NA	369	3,485	186	R 65	341	6,523	107	100,916
2008	8,426	2,511	2,494	800	39	NA	519	3,851	192	R 74	546	R 7,174	112	R 98,764
2009	8,355	2,669	2,387	910	41	NA	603	3,940	200	R 77	721	R 7,607	116	R 93,947
2010	8,434	2,539	2,685	1,061	33	NA	727	4,506	208	R 90	923	R 8,266	89	R 97,500
2011	8,269	3,103	2,675	1,065	113	8	756	R 4,616	212	R 110	1,168	R 9,210	127	R 96,874
2012	8,062	2,629	2,618	1,064	115	10	711	R 4,517	212	R 156	1,340	R 8,853	161	R 94,370
2013	8,244	2,562	2,835	1,092	182	39	714	R 4,861	214	225	1,601	R 9,464	197	R 97,115
2014	8,338	R 2,466	2,917	1,111	181	38	766	R 5,016	214	337	R 1,727	R 9,761	182	R 98,290
2015	8,337	R 2,320	2,830	1,153	191	48	791	R 5,015	212	427	R 1,776	R 9,749	227	R 97,393
2016	8,427	R 2,471	2,730	1,187	266	57	821	R 5,063	210	570	R 2,095	R 10,409	227	R 97,375
2017	8,419	R 2,765	2,680	1,199	253	62	847	R 5,045	210	777	R 2,342	R 11,138	192	R 97,661
2018	8,438	R 2,661	2,749	1,197	243	57	855	R 5,105	209	915	R 2,481	R 11,370	152	R 101,239
2019	8,452	R 2,562	2,680	1,206	231	99	835	R 5,056	201	R 1,016	R 2,633	R 11,468	133	R 100,451
2020	R 8,251	R 2,501	2,504	1,050	239	107	735	R 4,640	203	R 1,211	R 2,963	R 11,518	161	R 92,996
2021	8,129	2,225	2,515	1,155	218	158	789	4,845	205	1,520	3,345	12,140	134	97,810

[e] Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.
[f] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
[g] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[h] Excludes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate.
[i] Losses and co-products from the production of biodiesel and fuel ethanol.
[j] Beginning in 2014, U.S. total includes other biofuels not allocated to the states.
[k] Solar thermal and photovoltaic energy.
[l] Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

NA = Not available.
Where shown, R = Revised data and (s) = Value less than +0.5 and greater than -0.5 trillion Btu.
Notes: Totals may not equal sum of components due to independent rounding. · The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.
Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.
Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT3. Total End-Use Sector Energy Consumption Estimates, Selected Years, 1960-2021, United States

Year	Coal	Net Imports-Coal Coke	Natural Gas [a]	Petroleum: Distillate Fuel Oil [b]	Petroleum: HGL [c]	Petroleum: Jet Fuel [d]	Petroleum: Motor Gasoline [e]	Petroleum: Residual Fuel Oil	Petroleum: Other [f,g]	Petroleum: Total [g]	Hydro-electric Power [h,i]	Biomass: Wood and Waste [i,j]	Biomass: Losses and Co-products [k]	Geo-thermal [i]	Solar [i,l]	Electricity [m]	End Use [g,i,n]	Electrical System Energy Losses [o]	Total [g,i,n]
	Million Short Tons		Billion Cubic Feet	Million Barrels							Billion Kilowatt-hours					Billion Kilowatt-hours			
1960	221	(s)	10,242	681	227	136	1,453	475	525	3,498	4	– –	– –	– –	– –	688	– –	– –	– –
1970	203	-2	17,208	903	447	353	2,111	493	719	5,026	3	– –	– –	– –	– –	1,392	– –	– –	– –
1980	133	-1	16,196	1,022	582	389	2,408	527	894	5,821	3	– –	– –	– –	– –	2,094	– –	– –	– –
1990	122	(s)	15,929	1,086	622	556	2,641	264	826	5,994	3	– –	– –	– –	– –	2,713	– –	– –	– –
2000	98	3	18,127	1,332	891	631	3,101	194	876	7,026	4	– –	– –	– –	– –	3,421	– –	– –	– –
2005	88	2	16,145	1,483	783	613	3,343	196	974	7,393	3	– –	– –	– –	– –	3,661	– –	– –	– –
2006	86	2	15,477	1,509	779	596	3,377	194	990	7,445	3	– –	– –	– –	– –	3,670	– –	– –	– –
2007	83	1	16,262	1,516	800	592	3,389	201	943	7,442	2	– –	– –	– –	– –	3,765	– –	– –	– –
2008	80	2	16,609	1,431	748	563	3,290	189	837	7,060	2	– –	– –	– –	– –	3,734	– –	– –	– –
2009	64	-1	16,038	1,313	776	509	3,284	158	748	6,788	2	– –	– –	– –	– –	3,597	– –	– –	– –
2010	73	(s)	16,700	1,373	826	523	3,282	171	763	6,938	2	– –	– –	– –	– –	3,755	– –	– –	– –
2011	70	(s)	16,904	1,412	821	520	3,195	153	745	6,847	2	– –	– –	– –	– –	3,750	– –	– –	– –
2012	66	(s)	16,428	1,360	839	512	3,178	123	717	6,728	2	– –	– –	– –	– –	3,695	– –	– –	– –
2013	66	-1	17,964	1,387	913	524	3,228	104	724	6,879	4	– –	– –	– –	– –	3,725	– –	– –	– –
2014	66	-1	18,447	1,459	892	537	3,256	79	699	6,922	1	– –	– –	– –	– –	3,765	– –	– –	– –
2015	60	-1	17,630	1,446	931	565	3,350	80	711	7,082	1	– –	– –	– –	– –	3,759	– –	– –	– –
2016	53	-1	17,459	1,410	930	591	3,410	108	717	7,166	1	– –	– –	– –	– –	3,762	– –	– –	– –
2017	52	-1	17,874	1,426	963	614	3,404	114	725	7,246	2	– –	– –	– –	– –	3,723	– –	– –	– –
2018	51	-1	19,550	1,499	1,100	623	3,405	103	712	7,443	1	– –	– –	– –	– –	3,859	– –	– –	– –
2019	48	-1	19,844	1,488	1,146	636	3,398	91	707	7,466	1	– –	– –	– –	– –	3,811	– –	– –	– –
2020	41	-1	R 18,882	1,378	1,181	394	2,946	68	658	6,625	1	– –	– –	– –	– –	3,718	– –	– –	– –
2021	44	-2	19,385	1,439	1,256	500	3,218	106	707	7,225	1	– –	– –	– –	– –	3,806	– –	– –	– –
										Trillion Btu									
1960	5,604	-6	10,600	3,969	866	739	7,631	2,987	3,129	19,321	39	1,318	NA	NA	NA	2,348	39,224	5,809	45,034
1970	5,041	-58	17,645	5,260	1,667	1,973	11,091	3,099	4,293	27,383	34	1,427	NA	NA	NA	4,751	56,223	11,497	67,720
1980	3,303	-35	16,580	5,952	2,135	2,179	12,648	3,312	5,299	31,526	33	2,467	NA	NA	NA	7,146	60,869	17,178	78,048
1990	2,909	5	16,419	6,326	2,259	3,129	13,872	1,657	4,969	32,211	32	2,310	49	10	55	9,255	63,200	21,255	84,455
2000	2,356	65	18,590	7,753	3,216	3,580	16,127	1,220	5,254	37,149	43	2,320	99	21	58	11,674	R 72,289	26,405	98,695
2005	2,058	44	16,596	8,630	2,812	3,475	17,358	1,235	5,831	39,340	33	2,137	227	34	R 52	12,491	R 72,965	27,144	R 100,109
2006	1,984	61	15,899	8,757	2,768	3,379	17,511	1,220	5,924	39,559	30	2,088	280	37	R 55	12,522	R 72,486	26,902	99,388
2007	1,943	25	16,707	8,770	2,835	3,358	17,428	1,262	5,653	39,305	16	2,083	369	41	R 59	12,845	73,380	27,536	100,916
2008	1,872	41	17,049	8,274	2,656	3,193	16,799	1,191	5,019	37,132	17	2,063	519	46	R 65	12,740	R 71,525	27,239	R 98,764
2009	1,468	-24	16,443	7,587	2,707	2,883	16,714	992	4,486	35,370	19	1,949	603	54	R 69	12,272	R 68,160	25,809	R 93,969
2010	1,695	-6	17,083	7,931	2,881	2,963	16,632	1,074	4,576	36,056	17	2,225	727	60	R 78	12,812	R 70,686	26,826	R 97,511
2011	1,628	11	17,281	8,148	2,811	2,950	16,175	965	4,472	35,521	18	2,238	756	64	R 94	12,794	R 70,348	26,516	R 96,865
2012	1,560	4	16,826	7,845	2,887	2,901	16,085	772	4,308	34,798	23	2,165	711	64	R 116	12,606	R 68,815	25,545	R 94,360
2013	1,588	-17	18,447	7,996	3,166	2,969	16,332	654	4,332	35,448	33	2,365	714	64	142	12,709	R 71,442	25,665	R 97,107
2014	1,569	-22	19,054	8,410	3,067	3,042	16,473	495	4,197	35,684	13	2,387	766	64	173	12,845	72,477	R 25,802	98,279
2015	1,411	-18	18,296	8,332	3,221	3,204	16,941	501	4,270	36,470	13	2,305	791	64	199	12,826	72,302	R 25,074	R 97,376
2016	1,230	-19	18,128	8,115	3,184	3,350	17,238	680	4,388	36,954	14	2,225	821	64	R 242	12,838	72,445	R 24,904	R 97,349
2017	1,217	-29	18,547	8,208	3,272	3,481	17,201	718	4,426	37,307	15	2,171	847	64	291	12,704	73,076	R 24,549	R 97,625
2018	1,197	-26	20,284	8,634	3,720	3,533	17,209	650	4,345	38,091	13	2,253	855	64	339	13,168	R 76,177	R 25,021	R 101,198
2019	1,133	-21	20,613	8,572	3,897	3,608	17,166	572	4,319	38,134	11	2,232	835	R 64	382	13,004	R 76,335	R 24,030	R 100,365
2020	954	-13	R 19,606	7,931	3,956	2,234	14,883	426	4,023	33,453	11	2,077	735	R 64	R 435	12,685	R 69,953	R 22,946	R 92,899
2021	1,051	-49	20,112	8,297	4,230	2,835	16,250	664	4,303	36,579	11	2,088	789	64	507	12,986	74,082	23,718	97,800

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil. Excludes biofuels product supplied.
[c] Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
[d] Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."
[e] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[f] Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
[g] Beginning in 2014, U.S. total includes other biofuels product supplied not allocated to the states.
[h] Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.
[i] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
[j] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[k] Losses and co-products from the production of biodiesel and fuel ethanol.
[l] Solar thermal and photovoltaic energy.
[m] Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
[n] Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in End Use and Total. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by the commercial and industrial sectors. Beginning in 2021, adjusted for the double-counting of biofuels product supplied.
[o] Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

– – = Not applicable. NA = Not available. Where shown, R = Revised data. (s) = Value less than +0.5 and greater than -0.5.

Notes: Total end-use sector consumption estimates are the sum of the consumption estimates for the residential, commercial, industrial, and transportation sectors. · Totals may not equal sum of components due to independent rounding. · The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2021, United States

Year	Coal [a]	Natural Gas [b]	Petroleum: Distillate Fuel Oil	Petroleum: HGL [c]	Petroleum: Kerosene	Petroleum: Total	Biomass: Wood [d]	Geothermal [e]	Solar [e,f]	Electricity [g]	End Use [e,h]	Electrical System Energy Losses [i]	Total [e,h]
	Million Short Tons	Billion Cubic Feet	Million Barrels							Billion Kilowatthours			
1960	24	3,103	269	79	62	411	– –	– –	– –	201	– –	– –	– –
1965	15	3,903	294	100	59	453	– –	– –	– –	291	– –	– –	– –
1970	9	4,837	322	143	53	518	– –	– –	– –	466	– –	– –	– –
1975	3	4,924	310	133	28	472	– –	– –	– –	588	– –	– –	– –
1980	1	4,752	226	81	19	326	– –	– –	– –	717	– –	– –	– –
1985	2	4,433	188	82	28	297	– –	– –	– –	794	– –	– –	– –
1990	1	4,391	168	92	11	271	– –	– –	– –	924	– –	– –	– –
1995	1	4,850	155	103	13	271	– –	– –	– –	1,043	– –	– –	– –
2000	(s)	4,996	155	145	17	317	– –	– –	– –	1,192	– –	– –	– –
2005	(s)	4,827	147	134	15	295	– –	– –	– –	1,359	– –	– –	– –
2006	(s)	4,368	122	116	12	250	– –	– –	– –	1,352	– –	– –	– –
2007	(s)	4,722	125	126	8	258	– –	– –	– –	1,392	– –	– –	– –
2008	0	4,892	130	144	4	278	– –	– –	– –	1,381	– –	– –	– –
2009	0	4,779	101	143	5	248	– –	– –	– –	1,365	– –	– –	– –
2010	0	4,782	97	138	5	240	– –	– –	– –	1,446	– –	– –	– –
2011	0	4,714	90	128	3	222	– –	– –	– –	1,423	– –	– –	– –
2012	0	4,150	84	103	1	188	– –	– –	– –	1,375	– –	– –	– –
2013	0	4,897	85	121	1	207	– –	– –	– –	1,395	– –	– –	– –
2014	0	5,087	92	127	2	222	– –	– –	– –	1,407	– –	– –	– –
2015	0	4,613	96	116	2	213	– –	– –	– –	1,404	– –	– –	– –
2016	0	4,347	75	112	2	190	– –	– –	– –	1,411	– –	– –	– –
2017	0	4,413	75	112	1	189	– –	– –	– –	1,379	– –	– –	– –
2018	0	4,998	88	132	1	221	– –	– –	– –	1,469	– –	– –	– –
2019	0	5,019	82	147	2	230	– –	– –	– –	1,440	– –	– –	– –
2020	0	4,674	71	129	2	202	– –	– –	– –	1,465	– –	– –	– –
2021	0	4,716	82	126	2	210	– –	– –	– –	1,470	– –	– –	– –
							Trillion Btu						
1960	578	3,212	1,568	305	354	2,228	627	NA	NA	687	7,332	1,701	9,033
1965	348	4,019	1,713	386	334	2,432	468	NA	NA	993	8,261	2,372	10,632
1970	207	4,953	1,878	549	298	2,726	401	NA	NA	1,591	9,877	3,851	13,729
1975	62	5,024	1,807	512	161	2,479	425	NA	NA	2,007	9,998	4,816	14,815
1980	31	4,855	1,316	312	107	1,734	846	NA	NA	2,448	9,846	5,886	15,732
1985	39	4,566	1,092	315	159	1,566	1,010	NA	NA	2,709	9,835	6,206	16,042
1990	31	4,519	978	353	64	1,395	582	6	55	3,153	9,694	7,236	16,931
1995	17	4,984	904	395	74	1,374	520	7	63	3,557	10,481	8,028	18,509
2000	11	5,104	904	556	95	1,554	420	9	58	4,069	11,191	9,194	20,385
2005	8	4,958	853	514	84	1,450	428	16	50	4,638	11,528	10,047	21,574
2006	6	4,483	709	446	66	1,222	380	18	53	4,611	10,752	9,879	20,632
2007	8	4,849	721	484	44	1,249	420	22	55	4,750	11,334	10,155	21,489
2008	0	5,018	750	553	21	1,325	470	26	58	4,711	11,589	10,046	21,635
2009	0	4,899	582	548	28	1,157	504	33	60	4,657	11,290	9,762	21,052
2010	0	4,887	561	530	29	1,120	541	37	65	4,933	11,564	10,296	21,860
2011	0	4,817	522	493	19	1,033	524	40	71	4,855	11,323	10,022	21,346
2012	0	4,253	482	396	8	885	438	40	79	4,690	10,369	9,460	19,829
2013	0	5,037	491	463	8	962	572	40	91	4,759	11,446	9,573	21,018
2014	0	5,258	532	490	14	1,035	579	40	109	4,801	11,805	R 9,613	21,418
2015	0	4,794	550	446	10	1,006	513	40	128	4,791	R 11,256	R 9,329	20,586
2016	0	4,525	434	430	14	877	445	40	R 161	4,815	10,848	9,309	R 20,157
2017	0	4,593	431	431	8	870	430	40	193	4,704	10,815	R 9,046	R 19,861
2018	0	5,202	506	507	8	1,021	525	40	221	5,013	12,004	R 9,485	R 21,490
2019	0	5,232	470	563	11	1,044	546	40	251	4,914	R 12,012	R 9,035	R 21,047
2020	0	4,876	407	495	11	913	R 440	40	286	4,997	11,538	R 8,990	R 20,528
2021	0	4,914	473	484	9	967	439	40	333	5,017	11,695	9,113	20,808

[a] Beginning in 2008, data are no longer collected and are assumed to be zero.
[b] Includes supplemental gaseous fuels that are commingled with natural gas.
[c] Hydrocarbon gas liquids, assumed to be propane only.
[d] Wood and wood-derived fuels.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
[f] Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.
[g] Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
[h] Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in End Use and Total.
[i] Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

– – = Not applicable. NA = Not available.
Where shown, R = Revised data and (s) = Value less than 0.5.
Notes: Totals may not equal sum of components due to independent rounding. · The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.
Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.
Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2021, United States

Year	Coal	Natural Gas [a]	Petroleum: Distillate Fuel Oil	Petroleum: HGL [b]	Petroleum: Kerosene	Petroleum: Motor Gasoline [c]	Petroleum: Residual Fuel Oil	Petroleum: Total [d]	Hydro-electric Power [e,f]	Biomass: Wood and Waste [f,g]	Geothermal [f]	Solar [f,h]	Electricity [i]	End Use [f,j]	Electrical System Energy Losses [k]	Total [f,j]
	Million Short Tons	Billion Cubic Feet	Million Barrels						Billion kWh			Billion kWh				
1960	17	1,020	85	21	8	13	89	216	NA	– –	– –	NA	159	– –	– –	– –
1965	11	1,444	92	27	9	15	103	245	NA	– –	– –	NA	231	– –	– –	– –
1970	7	2,399	101	37	11	16	114	279	NA	– –	– –	NA	352	– –	– –	– –
1975	7	2,508	101	34	9	17	78	238	NA	– –	– –	NA	468	– –	– –	– –
1980	5	2,611	89	23	7	20	90	229	NA	– –	– –	NA	559	– –	– –	– –
1985	6	2,432	108	25	6	18	36	193	NA	– –	– –	NA	689	– –	– –	– –
1990	5	2,623	92	27	2	21	37	178	(s)	– –	– –	(s)	838	– –	– –	– –
1995	5	3,031	82	28	4	3	23	140	(s)	– –	– –	(s)	953	– –	– –	– –
2000	4	3,182	84	39	5	9	15	152	(s)	– –	– –	(s)	1,159	– –	– –	– –
2005	4	2,999	77	34	4	9	18	142	(s)	– –	– –	(s)	1,275	– –	– –	– –
2006	3	2,832	69	32	3	9	12	125	(s)	– –	– –	(s)	1,300	– –	– –	– –
2007	3	3,013	66	32	2	12	12	123	(s)	– –	– –	(s)	1,336	– –	– –	– –
2008	4	3,153	66	41	1	9	11	128	(s)	– –	– –	1	1,336	– –	– –	– –
2009	3	3,119	68	36	1	10	11	127	(s)	– –	– –	1	1,307	– –	– –	– –
2010	3	3,103	68	36	1	10	10	125	(s)	– –	– –	1	1,330	– –	– –	– –
2011	3	3,155	68	37	1	9	9	123	(s)	– –	– –	2	1,328	– –	– –	– –
2012	2	2,895	62	35	(s)	8	5	110	(s)	– –	– –	R 3	1,327	– –	– –	– –
2013	2	3,295	59	39	(s)	8	4	111	(s)	– –	– –	4	1,337	– –	– –	– –
2014	2	3,466	62	42	(s)	11	1	116	(s)	– –	– –	6	1,352	– –	– –	– –
2015	2	3,202	62	39	(s)	74	1	176	(s)	– –	– –	6	1,361	– –	– –	– –
2016	1	3,110	56	39	(s)	74	1	171	(s)	– –	– –	7	1,367	– –	– –	– –
2017	1	3,165	56	41	(s)	71	1	169	(s)	– –	– –	8	1,353	– –	– –	– –
2018	1	3,514	56	46	(s)	72	(s)	175	(s)	– –	– –	10	1,382	– –	– –	– –
2019	1	3,515	57	47	(s)	73	(s)	178	(s)	– –	– –	12	1,361	– –	– –	– –
2020	1	3,170	48	52	(s)	73	(s)	174	(s)	– –	– –	13	1,287	– –	– –	– –
2021	1	3,298	57	56	(s)	74	1	188	(s)	– –	– –	16	1,328	– –	– –	– –
									Trillion Btu							
1960	402	1,056	494	81	48	67	559	1,248	NA	12	NA	NA	543	3,261	1,344	4,605
1965	263	1,483	534	103	54	77	645	1,413	NA	9	NA	NA	789	3,956	1,884	5,840
1970	163	2,455	587	143	61	86	714	1,592	NA	8	NA	NA	1,201	5,418	2,908	8,326
1975	146	2,556	587	130	49	89	492	1,346	NA	8	NA	NA	1,598	5,654	3,835	9,489
1980	117	2,666	518	88	41	107	565	1,318	NA	21	NA	NA	1,906	5,994	4,582	10,576
1985	138	2,503	631	95	33	96	228	1,083	NA	24	NA	NA	2,351	6,068	5,388	11,456
1990	124	2,698	536	102	12	111	230	991	1	94	3	(s)	2,860	6,741	6,593	13,334
1995	116	3,117	478	109	22	18	141	769	1	113	5	(s)	3,252	7,347	7,366	14,712
2000	86	3,261	490	151	30	44	92	807	1	119	8	1	3,956	8,217	8,980	R 17,197
2005	96	3,083	447	132	22	46	116	762	1	104	14	2	4,351	R 8,397	9,443	17,840
2006	64	2,908	400	123	15	48	75	662	1	101	14	R 2	4,435	8,174	9,527	17,701
2007	70	3,095	381	122	9	60	75	648	1	101	14	R 3	4,560	8,480	9,730	R 18,209
2008	80	3,235	384	158	4	45	71	663	1	107	15	R 5	4,559	R 8,652	9,698	R 18,350
2009	73	3,199	395	139	4	52	71	661	1	109	17	R 7	4,459	R 8,511	9,337	R 17,849
2010	70	3,173	391	140	5	52	62	650	1	108	19	R 11	4,539	R 8,555	9,460	R 18,015
2011	62	3,226	391	143	3	44	54	635	(s)	112	20	R 19	4,531	R 8,592	9,345	R 17,937
2012	44	2,968	355	136	1	39	31	562	(s)	106	20	R 31	4,528	R 8,247	9,113	R 17,360
2013	41	3,391	343	152	1	40	24	560	(s)	117	20	42	4,562	R 8,723	9,157	R 17,880
2014	40	3,584	356	160	2	54	8	581	(s)	123	20	52	4,614	9,002	9,206	18,208
2015	31	3,327	359	148	1	376	4	889	(s)	126	20	57	4,643	9,082	9,028	18,110
2016	24	3,235	325	150	2	375	4	857	2	132	20	62	4,665	8,985	9,005	17,991
2017	21	3,291	322	156	1	361	4	844	2	131	20	76	4,616	8,989	8,875	R 17,864
2018	19	3,655	322	176	1	366	3	869	2	131	20	94	4,715	9,493	R 8,926	R 18,419
2019	17	3,661	327	182	2	369	2	882	2	123	R 20	103	4,643	R 9,441	R 8,545	R 17,986
2020	14	R 3,303	276	201	2	371	2	852	2	121	R 20	118	4,393	R 8,814	R 7,922	R 16,735
2021	15	3,434	328	217	1	375	3	924	2	122	20	139	4,533	9,179	8,244	17,423

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Hydrocarbon gas liquids, assumed to be propane only.
[c] Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See Technical Notes, Section 4.
[d] Includes small amounts of petroleum coke not shown separately.
[e] Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.
[f] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
[g] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[h] Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.
[i] Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
[j] Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in End Use and Total. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by commercial utility-scale facilities.
[k] Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

kWh = Kilowatthours. – – = Not applicable. NA = Not available.
Where shown, R = Revised data and (s) = Value less than 0.5.
Notes: Totals may not equal sum of components due to independent rounding. · The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. · The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.
Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.
Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2021, United States

Year	Coal	Net Imports of Coal Coke	Natural Gas [a]	Petroleum: Distillate Fuel Oil	Petroleum: HGL [b]	Petroleum: Motor Gasoline [c]	Petroleum: Residual Fuel Oil	Petroleum: Other [d]	Petroleum: Total	Hydro-electric Power [e,f]	Biomass: Wood and Waste [f,g]	Biomass: Losses and Co-products [h]	Geo-thermal [f]	Solar [f,i]	Electricity [j]	End Use [f,k]	Electrical System Energy Losses [l]	Total [f,k]
	Million Short Tons		Billion Cubic Feet	Million Barrels						Billion kWh				Billion kWh				
1960	177	(s)	5,771	174	122	73	252	370	991	4	– –	– –	– –	NA	324	– –	– –	– –
1965	201	-1	7,112	197	172	65	252	499	1,185	3	– –	– –	– –	NA	429	– –	– –	– –
1970	187	-2	9,249	211	255	55	258	611	1,390	3	– –	– –	– –	NA	571	– –	– –	– –
1975	147	1	8,365	230	315	43	240	647	1,474	3	– –	– –	– –	NA	688	– –	– –	– –
1980	127	-1	8,198	227	473	30	215	827	1,772	3	– –	– –	– –	NA	815	– –	– –	– –
1985	116	-1	6,867	192	514	41	119	617	1,484	3	– –	– –	– –	NA	837	– –	– –	– –
1990	115	(s)	8,255	198	498	35	65	775	1,571	3	– –	– –	– –	(s)	946	– –	– –	– –
1995	106	2	9,384	194	631	38	54	760	1,677	5	– –	– –	– –	(s)	1,013	– –	– –	– –
2000	94	3	9,293	206	704	29	38	818	1,795	4	– –	– –	– –	(s)	1,064	– –	– –	– –
2001	91	1	8,463	223	625	57	32	848	1,786	3	– –	– –	– –	(s)	997	– –	– –	– –
2002	84	2	8,640	207	657	59	30	847	1,801	4	– –	– –	– –	(s)	990	– –	– –	– –
2003	86	2	8,273	201	617	62	35	880	1,795	4	– –	– –	– –	(s)	1,012	– –	– –	– –
2004	86	6	8,354	208	651	71	40	941	1,911	3	– –	– –	– –	(s)	1,018	– –	– –	– –
2005	84	2	7,713	217	608	68	45	924	1,862	3	– –	– –	– –	(s)	1,019	– –	– –	– –
2006	82	2	7,669	217	624	72	38	944	1,895	3	– –	– –	– –	(s)	1,011	– –	– –	– –
2007	79	1	7,881	217	636	59	31	902	1,845	2	– –	– –	– –	(s)	1,028	– –	– –	– –
2008	76	2	7,890	233	553	48	31	804	1,669	2	– –	– –	– –	(s)	1,010	– –	– –	– –
2009	61	-1	7,443	186	590	47	21	716	1,559	2	– –	– –	– –	(s)	917	– –	– –	– –
2010	70	(s)	8,112	200	650	51	19	726	1,646	2	– –	– –	– –	(s)	971	– –	– –	– –
2011	68	(s)	8,317	214	655	50	21	711	1,652	2	– –	– –	– –	(s)	991	– –	– –	– –
2012	64	(s)	8,622	220	700	50	11	688	1,669	2	– –	– –	– –	1	986	– –	– –	– –
2013	65	-1	8,909	219	751	52	8	694	1,724	3	– –	– –	– –	1	985	– –	– –	– –
2014	64	-1	9,158	237	R 720	42	6	667	R 1,672	1	– –	– –	– –	1	998	– –	– –	– –
2015	58	-1	9,098	203	R 773	51	5	678	R 1,710	1	– –	– –	– –	1	987	– –	– –	– –
2016	51	-1	9,274	200	R 776	52	8	685	R 1,721	1	– –	– –	– –	2	977	– –	– –	– –
2017	51	-1	9,526	209	807	52	8	695	R 1,771	1	– –	– –	– –	2	984	– –	– –	– –
2018	50	-1	10,112	217	R 919	53	7	683	R 1,879	1	– –	– –	– –	3	1,001	– –	– –	– –
2019	47	-1	10,240	209	R 948	53	7	678	R 1,895	1	– –	– –	– –	3	1,002	– –	– –	– –
2020	40	-1	R 9,970	185	R 998	53	5	632	R 1,874	1	– –	– –	– –	4	959	– –	– –	– –
2021	43	-2	10,187	206	1,071	52	7	632	1,968	1	– –	– –	– –	4	1,001	– –	– –	– –
									Trillion Btu									
1960	4,548	-6	5,973	1,016	461	381	1,584	2,278	5,720	39	680	NA	NA	NA	1,107	18,061	2,738	20,799
1965	5,134	-18	7,350	1,150	650	342	1,582	3,026	6,750	33	855	NA	NA	NA	1,463	21,567	3,492	25,059
1970	4,664	-58	9,498	1,226	930	288	1,624	3,686	7,755	34	1,019	NA	NA	NA	1,948	24,859	4,712	29,571
1975	3,658	14	8,571	1,339	1,126	223	1,509	3,895	8,092	32	1,063	NA	NA	NA	2,346	23,776	5,629	29,405
1980	3,155	-35	8,409	1,324	1,718	158	1,349	4,915	9,464	33	1,600	NA	NA	NA	2,781	25,360	6,683	32,043
1985	2,777	-13	7,096	1,119	1,813	218	748	3,759	7,656	33	1,875	42	NA	NA	2,855	22,282	6,538	28,820
1990	2,754	5	8,520	1,150	1,781	185	411	4,672	8,200	31	1,634	49	2	(s)	3,226	24,379	7,387	31,766
1995	2,500	61	9,678	1,130	2,269	200	337	4,592	8,527	55	1,847	86	3	(s)	3,455	26,172	7,783	33,955
2000	2,259	65	9,550	1,199	2,498	150	241	4,914	9,001	42	1,781	99	4	(s)	3,631	26,402	8,189	34,591
2001	2,194	29	8,674	1,299	2,212	295	203	5,105	9,113	33	1,571	108	5	(s)	3,400	25,095	7,516	32,611
2002	2,020	61	8,865	1,203	2,313	308	190	5,084	9,099	39	1,543	130	5	(s)	3,379	25,115	7,484	32,599
2003	2,044	51	8,510	1,169	2,185	323	220	5,271	9,169	43	1,511	168	3	(s)	3,454	24,927	7,581	32,508
2004	2,046	138	8,573	1,213	2,292	371	249	5,636	9,761	33	1,613	201	4	(s)	3,473	25,818	7,651	33,469
2005	1,954	44	7,930	1,262	2,138	354	281	5,539	9,575	32	1,604	227	4	(s)	3,477	24,825	7,597	32,423
2006	1,914	61	7,881	1,258	2,171	374	239	5,661	9,703	29	1,606	280	4	1	3,451	24,903	7,441	32,344
2007	1,864	25	8,098	1,256	2,207	302	193	5,415	9,373	16	1,562	369	5	1	3,507	24,793	7,593	32,386
2008	1,792	41	8,103	1,348	1,904	245	194	4,823	8,514	17	1,486	519	5	1	3,444	23,895	7,440	R 31,335
2009	1,394	-24	7,629	1,073	1,992	238	130	4,300	7,733	18	1,336	603	4	2	3,130	21,797	6,655	R 28,451
2010	1,625	-6	8,302	1,153	2,207	260	120	4,360	8,099	16	1,577	727	4	R 2	3,314	R 23,631	7,015	30,647
2011	1,567	11	8,502	1,235	2,172	254	135	4,275	8,071	17	1,602	756	4	R 4	3,382	R 23,888	7,096	R 30,984
2012	1,516	4	8,823	1,270	2,351	252	70	4,138	8,081	22	1,621	711	4	R 7	3,363	R 24,122	6,924	R 31,046
2013	1,547	-17	9,131	1,264	2,545	263	48	4,157	R 8,276	33	1,676	714	4	9	3,362	R 24,710	6,885	31,595
2014	1,529	-22	9,450	1,364	R 2,409	210	41	4,010	R 8,033	12	1,685	766	4	11	3,404	R 24,847	6,932	R 31,779
2015	1,380	-18	9,427	1,168	R 2,618	258	34	4,074	R 8,151	13	1,666	791	4	14	3,366	R 24,766	R 6,667	R 31,432
2016	1,206	-19	9,610	1,154	R 2,592	262	52	4,197	R 8,258	12	1,648	821	4	19	3,333	R 24,865	R 6,541	R 31,406
2017	1,197	-29	9,863	1,202	R 2,673	264	50	4,253	R 8,443	13	1,610	847	4	22	3,358	R 25,295	R 6,579	R 31,875
2018	1,178	-26	10,465	1,251	R 3,024	269	43	4,175	R 8,763	10	1,597	855	4	24	3,414	R 26,255	6,560	R 32,815
2019	1,117	-21	10,607	1,203	R 3,139	267	41	4,151	R 8,801	9	1,563	835	4	28	3,420	R 26,335	6,403	R 32,738
2020	939	-13	R 10,320	1,065	R 3,252	269	32	3,874	R 8,493	9	R 1,516	735	4	31	3,272	R 25,277	R 5,995	R 31,272
2021	1,037	-49	10,536	1,185	3,519	264	46	3,888	8,902	8	1,527	789	4	35	3,414	26,175	6,322	32,498

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
[c] Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See Technical Notes, Section 4.
[d] Includes asphalt and road oil, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
[e] Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.
[f] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
[g] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[h] Losses and co-products from the production of biodiesel and fuel ethanol.
[i] Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.
[j] Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
[k] Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in End Use and Total. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by industrial utility-scale facilities.
[l] Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

kWh = Kilowatthours. – – = Not applicable. NA = Not available.
Where shown, R = Revised data and (s) = Value less than +0.5 and greater than -0.5.
Notes: Totals may not equal sum of components due to independent rounding. · The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. · The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.
Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.
Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2021, United States

Year	Coal	Natural Gas [a]	Petroleum: Aviation Gasoline	Petroleum: Distillate Fuel Oil [b]	Petroleum: HGL [c]	Petroleum: Jet Fuel [d]	Petroleum: Lubricants	Petroleum: Motor Gasoline [e]	Petroleum: Residual Fuel Oil	Petroleum: Total [f]	Electricity [g]	End Use [h,i]	Electrical System Energy Losses [j]	Total [f,h,i]
	Million Short Tons	Billion Cubic Feet	Million Barrels								Billion Kilowatthours			
1960	3	347	59	153	5	136	25	1,367	134	1,880	3	– –	– –	– –
1965	1	501	44	188	8	220	24	1,596	123	2,203	3	– –	– –	– –
1970	(s)	722	20	269	12	353	24	2,040	121	2,839	3	– –	– –	– –
1975	(s)	583	14	364	11	362	26	2,377	113	3,267	3	– –	– –	– –
1980	0	635	13	480	5	389	28	2,357	222	3,494	3	– –	– –	– –
1985	0	504	10	544	8	445	26	2,434	125	3,591	4	– –	– –	– –
1990	0	660	9	629	6	556	29	2,584	162	3,974	5	– –	– –	– –
1995	0	705	8	720	5	553	28	2,801	145	4,259	5	– –	– –	– –
2000	0	655	7	887	3	631	30	3,063	141	4,762	5	– –	– –	– –
2005	0	607	7	1,043	7	613	25	3,266	133	5,094	8	– –	– –	– –
2006	0	608	7	1,101	7	596	24	3,296	144	5,175	7	– –	– –	– –
2007	0	646	6	1,108	6	592	25	3,319	158	5,215	8	– –	– –	– –
2008	0	674	6	1,002	10	563	23	3,233	147	4,985	8	– –	– –	– –
2009	0	697	5	959	7	509	21	3,227	126	4,853	8	– –	– –	– –
2010	0	703	5	1,009	1	523	26	3,221	142	4,926	8	– –	– –	– –
2011	0	718	5	1,040	1	520	24	3,136	123	4,850	8	– –	– –	– –
2012	0	761	5	995	1	512	22	3,120	107	4,762	7	– –	– –	– –
2013	0	863	4	1,023	R 2	524	24	3,168	92	4,837	8	– –	– –	– –
2014	0	735	4	1,069	2	537	25	3,204	71	4,911	8	– –	– –	– –
2015	0	718	4	1,086	R 3	565	27	3,225	74	R 4,983	8	– –	– –	– –
2016	0	729	4	1,077	R 3	591	25	3,284	99	R 5,084	7	– –	– –	– –
2017	0	770	4	1,086	R 3	614	23	3,280	106	R 5,117	8	– –	– –	– –
2018	0	927	4	1,138	R 3	623	23	3,279	96	R 5,167	8	– –	– –	– –
2019	0	1,071	5	1,141	R 3	636	22	3,272	84	R 5,163	8	– –	– –	– –
2020	0	R 1,067	4	1,074	R 2	394	19	2,819	62	R 4,375	7	– –	– –	– –
2021	0	1,184	4	1,095	3	500	20	3,091	98	4,859	6	– –	– –	– –
							Trillion Btu							
1960	76	359	298	892	19	739	152	7,183	844	10,125	10	10,571	26	10,597
1965	16	518	222	1,093	32	1,215	149	8,386	770	11,866	10	12,410	24	12,434
1970	7	740	100	1,569	44	1,973	147	10,716	761	15,311	11	16,069	26	16,094
1975	1	595	71	2,121	43	2,029	155	12,485	711	17,615	10	18,221	24	18,245
1980	0	650	64	2,795	18	2,179	172	12,383	1,398	19,009	11	19,670	27	19,697
1985	0	521	50	3,170	30	2,497	156	12,784	786	19,472	14	20,057	32	20,089
1990	0	683	45	3,661	23	3,129	176	13,575	1,016	21,626	16	22,385	39	22,424
1995	0	728	40	4,191	18	3,132	168	14,576	911	23,036	17	23,781	38	23,819
2000	0	674	36	5,159	12	3,580	179	15,933	888	25,787	18	26,479	42	26,521
2005	0	625	35	6,068	28	3,475	151	16,958	837	27,553	26	28,215	57	28,272
2006	0	627	33	6,390	28	3,379	147	17,088	906	27,972	25	28,657	54	28,711
2007	0	665	32	6,411	22	3,358	152	17,066	994	28,034	28	28,772	59	28,831
2008	0	694	28	5,792	40	3,193	141	16,510	926	26,630	26	27,389	55	27,444
2009	0	717	27	5,538	28	2,883	127	16,425	791	25,818	27	26,561	55	26,616
2010	0	721	27	5,826	R 5	2,963	155	16,320	892	26,187	26	26,935	54	26,989
2011	0	736	27	6,000	5	2,950	148	15,877	776	R 25,783	26	26,545	53	26,597
2012	0	782	25	5,738	R 5	2,901	135	15,795	671	25,270	25	R 26,077	49	26,125
2013	0	888	22	5,898	R 6	2,969	143	16,030	581	R 25,650	26	R 26,564	51	26,614
2014	0	762	22	6,159	R 8	3,042	149	16,209	447	R 26,035	26	R 26,823	51	R 26,875
2015	0	747	21	6,255	R 10	3,204	163	16,308	463	R 26,424	26	R 27,198	50	R 27,247
2016	0	758	20	6,202	R 12	3,350	154	16,601	623	R 26,963	26	R 27,747	R 49	R 27,795
2017	0	801	21	6,253	R 12	3,481	142	16,576	665	R 27,150	26	R 27,977	48	R 28,025
2018	0	962	22	6,555	R 13	3,533	137	16,573	604	R 27,437	26	R 28,426	49	R 28,474
2019	0	1,113	23	6,572	R 12	3,608	131	16,531	529	R 27,407	26	R 28,546	47	R 28,594
2020	0	R 1,107	20	6,183	R 9	2,234	116	14,243	391	R 23,196	22	R 24,325	40	R 24,364
2021	0	1,227	22	6,310	10	2,835	119	15,611	615	25,785	22	27,033	38	27,072

[a] Transportation use of natural gas to operate pipelines and, since 1990, also includes vehicle fuel.
[b] Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended in to distillate fuel oil.
[c] Hydrocarbon gas liquids, assumed to be propane only.
[d] Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Industrial sector, Other Petroleum."
[e] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[f] U.S. total includes other biofuels product supplied not allocated to the states.
[g] Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers. Sales to public railroads and railway systems only. Excludes electric vehicles.
[h] There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.
[i] For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.
[j] Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

– – = Not applicable.
Where shown, R = Revised data and (s) = Value less than 0.5.
Notes: Totals may not equal sum of components due to independent rounding. · The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.
Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.
Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2021, United States

Year	Coal	Natural Gas [a]	Petroleum: Distillate Fuel Oil [b]	Petroleum: Petroleum Coke	Petroleum: Residual Fuel Oil [c]	Petroleum: Total	Nuclear Electric Power	Hydroelectric Power [d]	Biomass: Wood and Waste [e,f]	Geothermal [f]	Solar [f,g]	Wind [f]	Electricity Net Imports [h]	Total [f,i]
	Million Short Tons	Billion Cubic Feet	Million Barrels				Billion Kilowatthours			Billion Kilowatthours				
1960	177	1,725	4	0	84	88	1	146	– –	(s)	NA	NA	5	– –
1965	245	2,321	5	0	110	115	4	194	– –	(s)	NA	NA	(s)	– –
1970	320	3,932	24	3	311	339	22	248	– –	1	NA	NA	2	– –
1975	406	3,158	39	(s)	467	506	173	300	– –	3	NA	NA	6	– –
1980	569	3,682	29	1	391	421	251	276	– –	5	NA	NA	21	– –
1985	694	3,044	15	1	159	175	384	281	– –	9	(s)	(s)	41	– –
1990	783	3,245	17	5	185	207	577	290	– –	15	(s)	3	2	– –
1995	850	4,237	19	13	90	122	673	305	– –	13	(s)	3	39	– –
2000	986	5,206	30	16	139	185	754	271	– –	14	(s)	6	34	– –
2005	1,037	5,869	20	40	139	199	782	267	– –	15	1	18	25	– –
2006	1,027	6,222	13	36	57	105	787	286	– –	15	1	27	18	– –
2007	1,045	6,841	15	28	63	107	806	246	– –	15	1	34	31	– –
2008	1,040	6,668	13	26	38	76	806	253	– –	15	1	55	33	– –
2009	934	6,873	12	23	29	64	799	272	– –	15	1	74	34	– –
2010	975	7,387	14	24	25	62	807	258	– –	15	1	95	26	– –
2011	932	7,574	11	24	15	50	790	318	– –	15	2	120	37	– –
2012	824	9,111	9	15	12	36	769	274	– –	16	4	141	47	– –
2013	858	8,191	10	21	12	43	789	265	– –	16	9	168	58	– –
2014	852	8,146	14	21	15	50	797	258	– –	16	17	181	53	– –
2015	738	9,613	12	20	15	47	797	248	– –	16	24	191	66	– –
2016	679	9,985	10	21	11	41	806	266	– –	16	35	227	67	– –
2017	665	9,266	9	17	10	37	805	299	– –	16	53	254	56	– –
2018	637	R 10,599	14	18	12	44	807	291	– –	16	63	272	44	– –
2019	539	R 11,299	9	13	9	32	809	287	– –	15	71	296	39	– –
2020	436	R 11,632	8	15	8	31	790	284	– –	R 16	89	R 338	47	– –
2021	501	11,230	10	15	9	35	778	250	– –	16	115	378	39	– –
							Trillion Btu							
1960	4,227	1,785	22	0	530	553	6	1,569	2	(s)	NA	NA	15	8,157
1965	5,821	2,408	29	0	693	722	43	2,026	3	2	NA	NA	(s)	11,026
1970	7,228	4,048	141	19	1,958	2,117	239	2,600	4	6	NA	NA	7	16,248
1975	8,789	3,232	226	2	2,937	3,166	1,900	3,122	2	34	NA	NA	21	20,266
1980	12,158	3,804	169	5	2,459	2,634	2,739	2,867	4	53	NA	NA	71	24,324
1985	14,586	3,157	85	7	998	1,090	4,076	2,937	14	97	(s)	(s)	140	26,094
1990	16,259	3,333	97	30	1,163	1,289	6,104	3,014	317	161	4	29	8	30,510
1995	17,465	4,327	108	81	566	755	7,075	3,149	422	138	5	33	134	33,495
2000	20,220	5,318	175	99	871	1,144	7,862	2,768	453	144	5	57	115	38,079
2005	20,735	6,036	114	231	876	1,222	8,161	2,670	401	147	6	178	85	39,635
2006	20,460	6,394	73	203	361	637	8,215	2,839	408	145	5	264	63	39,423
2007	20,805	7,028	89	163	397	648	8,459	2,430	419	145	6	341	107	40,381
2008	20,511	6,849	73	146	240	459	8,426	2,494	431	146	9	546	112	39,979
2009	18,224	7,044	70	132	181	382	8,355	2,650	438	146	9	721	116	38,081
2010	19,133	7,550	80	137	154	370	8,434	2,521	459	148	12	923	89	39,637
2011	18,035	7,734	64	138	93	295	8,269	3,085	437	149	17	1,167	127	39,311
2012	15,821	9,313	52	85	77	214	8,062	2,606	453	148	40	1,339	161	38,152
2013	16,450	8,398	55	123	77	255	8,244	2,529	470	151	83	1,600	197	38,374
2014	16,427	8,385	82	118	95	295	8,338	2,454	530	151	165	1,726	182	R 38,647
2015	14,138	9,945	70	112	94	276	8,337	R 2,306	525	148	228	R 1,775	227	R 37,899
2016	12,997	10,325	55	118	71	244	8,427	R 2,458	505	146	328	R 2,093	227	R 37,741
2017	12,622	9,578	55	97	66	218	8,419	R 2,751	510	147	R 485	R 2,340	192	R 37,253
2018	12,053	R 10,952	80	101	78	260	8,438	R 2,649	496	145	R 575	R 2,478	152	R 38,188
2019	10,181	R 11,687	54	76	59	188	8,452	R 2,551	448	R 138	R 634	R 2,631	133	R 37,034
2020	8,229	R 12,023	44	87	53	184	R 8,251	R 2,490	428	R 139	R 776	R 2,960	161	R 35,631
2021	9,496	11,614	60	88	57	205	8,129	2,214	426	141	1,013	3,342	134	36,704

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.
[c] Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.
[d] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
[e] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[f] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beg inning in 1989.
[g] Solar thermal and photovoltaic energy.
[h] Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.
[i] Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in the total.

– – = Not applicable. NA = Not available.
Where shown, R = Revised data and (s) = Value less than +0.5 and greater than -0.5.
Notes: Totals may not equal sum of components due to independent rounding. · The electric power sector consists of electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. · Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. · The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.
Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.
Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/