Table CT1. Energy consumption estimates for selected energy sources in physical units, selected years, 1960-2022, Alaska

						Petroleum								
	Coal	Natural gas ^a	Distillate fuel oil ^b	HGL ^c	Jet fuel ^d	Motor gasoline ^e	Residual fuel oil	Other ^f	Total	Nuclear electric power	Hydro- electric power ⁹	Wind	Fuel ethanol ^h	Biodiesel
Year	Thousand short tons	Billion cubic feet				Thousand barrels				М	illion kilowatthou	rs	Thousan	nd barrels
1960	376	2	2,636	46	1,972	1,657	711	1,176	8,197	0	290	0	NA	NA NA
1965	525	2 8	3,788	91	3,005	2,450	881	760	10,975	0	350	0	NA	NA
1970 1971	740 799	64 68	5,100 6,357	151 176	6,735 7,573	2,621 2,844	1,020 1,065	1,352 1,353	16,979 19,368	0	363 363	0	NA NA	NA NA
1972	722	75 63 63	6.289	193	8.019	3,685	1.154	1,519	20 860	0	346	0	NA	NA
1973 1974	751 710	63	6,462 6,851	218 173	7,393 7,470	3,197 3,545	1,042 1,080	1,509 1,656	19,821 20,775	0	286 326	0	NA NA	NA NA
1975	868 778	85 90	7,090 9,536	211	7,420 7,409	4,179	1,075	1,824 1,674	21,800 24,967	Õ	357 383	Õ	NA	NA
1976 1977	778 584	90 116	9,536 10,441	348 409	7,409 7,910	4,697 4,845	1,303 1,724	1,674 2,021	24,967 27,350	0	383 512	0	NA NA	NA NA
1978	270	145	10.821	488	8,273	4.533	1,724 2,345	2.317	27,350 28,777	ŏ	472	ŏ	NA	NA
1979 1980	265 273	157 153	5,808 6,677	192 191	8,506 9,618	4,681 3,676	319 371	3,232 2,387	22,739 22,919	0	459 539	0	NA NA	NA NA
1981	792	122	6.546	152	10.877	4.468	245	1,790	24.077	0	590	Ö	0	NA
1982 1983	834 785	238 239	6,312	212	11,530 12,252	5,089 4,752	302 392	3,065 6,201	26,511	0	561 593	0	0	NA NA
1984 1985	815	258	7,305 8,013 10,198	212 272	15,178	5,324	508 3,072	6,199	31,115 35,494 41,482	0	693	(s)	0	NA
1985	733	213	10,198	331	15,231	5.638	3,072	7,013	41,482	0	748	(s) 0	0	NA
1986 1987	769 274	206 249	7,591 7,106	268 271	16,187 14,850	5,425 5,205	7,081 3,406	10,906 9,701	47,458 40,538	0	809 872	0	(s) 1	NA NA
1988 1989	276	288 322	8,168 11,071	277	16,899 18,586	5 319	713 347	6,590 5,564	37 966	Ö	935 873	Ō		NA
1989 1990	299 784	322 343	11,071 10,548	278 384	18,586 17,367	5,079 5,854	347 426	5,564 5,462	40,926 40,041	0	873 975	0	(s) 0	NA NA
1991	802	367	9 756	384 402	17,116	5,108	426 591	3,302	36,275	ő	975 896	ő	0	NA
1992 1993	792 863	383 378	11,583 12,388	393	14,720 14,693	5,881 5,976	758 723	4,208 3,595	37,544 37,612	0	918 1,303	0	0	NA NA
1994	796	367	11.357	238 252 272	16,080	6.542	721	3.737	38,690 41,669	0	1,345 1,372	0	i	NA
1995 1996	815 706	430 448	12,803 11,837	272 241	16,921 18,652	7,148 6,735	746 906	3,780 4,416	41,669 42,786	0	1,372 1,266	0	184 210	NA NA
1996	740	425	11,979	326	21,108	6,735	864	4,681	45,270	0	1,099	0	170	NA NA
1998	1,012	435	11.503	326 320	21.886	6,737	828	4,395	45.669	0	1.113	0	100	NA
1999 2000	1,019 1,024	423 427	12,164 10,875	266 221	23,612 25,872	6,426 5,973	1,068 788	5,016 4,770	48,552 48,500	0	817 1,002	0	113 49	NA NA
2001 2002	989 1,034	409	11,675 10,815	261	24,262 25,111	6.383	1 129	7.032	50,742	Ö	1 346	ĭ	134	1
2002 2003	1,034 790	419 414	10,815 10,004	318 314	25,111	5,923 5,919	1,057 864	5,479 5,832	50,742 48,702 50,288	0	1,439	0	97 64	2 2
2004	891	406	14,059	209	27,355 30,954	6,947	702	5,993	58,864	0	1,583 1,498	0	127	4
2005 2006	905	433 374	12.584	266 277	31,940 31,747	6,853 6,789	708	6.319	58.670	0	1,464 1,224	1	0	4 12 34 46 40 42 34 116
2006	968 889	374 370	13,936 13,534	209	31,747 29,053	6,789 6,927	713 734	6,844 6,555	60,306 57,012	0	1.291	1	0	34 46
2008	985 968	342	13,020	334	23,817	6,708	392 549	5,101	49,373	0	1,172	(s) 7	Õ	40
2009 2010	968 971	342	14,466	411 357	18,746	6,708 6,877	549	5,928 6,887	46,808 48,075	0	1,324	7	0	42
2011	1.035	333 335	13,761 14,657	357 333	19,850 18,242	6,643	343 302	6,887 7,262	48,075 47,438	0	1,433 1,345	13 12	Ö	116
2012	1,031	343 332	13,778	338 327	16.462	6,661	432 94	6,501	44,173 40,934	0	1,575	37	0	7
2013 2014	986 1.200	332 329	12,705 12,686	327 329	15,343 15,389	6,482 6,763	94 119	5,983 5,256	40,934 40.542	0	1,435 1.539	145 152	0 592	7 56 171
2015	1,200 1,291	329 334 331	12,686 13,565 11,162	329 285 303	15,389 16,462	6,878	116	4,655 R 4,651	40,542 41,961 R 39,109 R 38,394 R 38,468	Ŏ	1,575 1,435 1,539 1,569 1,659	152 160	0	8
2016 2017	1,105 1,101	331 348	11,162 10,257	303	16,026 16,282	6,967 6,778	0	ⁿ 4,651 R <i>a</i> 753	⊓ 39,109 R ລຂ ລວ⊿	0	1,659 1 644	169 142	0	211 161
2018	1.161	355	10,257 11,326	323 338	16,654	6,694	(s)	R 4,753 R 3,457	R 38,468	0	1,644 1,664	155	0	161
2019 2020	1,182 1,251	349	11,254 10,227	346 329	16,449 18,420	6,585 5,843	`ó	R 4,585 R 4,577	R 39,219 R 39,396	0	1,623 1,764	143 129	0	161 161
2020	1.254	R 380 R 403	10,227 R 12,316	356	18,420 22,349	5,843 6,335	(s)	R 4,785	R 46,141	0	1,764	129 132	0	161 161
2022	1,239	445	12,210	341	21,146	6,403	(s)	4,664	44,764	Ő	1,689 1,713	139	ő	161

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." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes, see technical notes.

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.

⁹ 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.

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.

Table CT2. Primary energy consumption estimates, selected years, 1960-2022, Alaska (trillion Btu)

					Fossil	fuels						Fossil fuels (as commingled)	
						Petroleum						(as commingied)	
Year	Coal	Natural gas excluding supplemental gaseous fuels ^a	Distillate fuel oil excluding biofuels ^à	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	7.2	2.0	15.4	0.2	10.6	8.7	4.5	6.1	45.4	54.6	2.0	15.4	8.7
1960 1965	7.2 9.9	2.0 7.7	15.4 22.1	0.2 0.3 0.6 0.7 0.7 0.8 0.6	16.5	8.7 12.9 13.8 14.9	4.5 5.5 6.4 6.7	4.4	61.7	79.3	2.0 7.7	15.4 22.1 29.7 37.0	8.7 12.9
1970 1971	13.2 14.1	64.0 68.0	29.7 37.0	0.6	37.7 42.4	13.8	6.4	7.8 7.9	96.0 109.7	173.2 191.9	64.0 68.0	29.7	13.8 14.9
1971	14.1 12.8	55.0	37.0 36.6	0.7	42.4 45.0	14.9 10.4	0.7 7.3	7.9 9.0	117.9	205.7	75.0	37.0 36.6	14.9 10.1
1972 1973 1974	13.3	75.0 63.7 63.2	36.6 37.6 39.9	0.7	41.5	19.4 16.8 18.6	7.3 6.6 6.8	8.8	112.1	189.1	75.0 63.7 63.2	36.6 37.6 39.9	19.4 16.8 18.6
1974	13.3 12.5	63.2	39.9	0.6	41.5 41.9	18.6	6.8	9.6	112.1 117.5	189.1 193.2	63.2	39.9	18.6
1975 1976 1977	15.3 13.7	85.2 90.6	41.3 55.5 60.8	0.8 1.3	41.7 41.6	22.0 24.7	6.8 8.2	10.7 9.9	123.1	223.6 245.4 282.0	85.2 90.6	41.3 55.5	22.0 24.7
1976	13.7	90.6	55.5	1.3	41.6	24.7 25.4	8.2	9.9	141.2	245.4	90.6	55.5	24.7
1977	10.3	116.9 145.0	63.0	1.4 1.7	44.4 46.5	25.4	10.8	11.9 13.7	154.9	282.0 313.2	116.9	60.8 63.0	25.4 23.8
1978 1979	4.7 4.2	157.2	33.8 38.9 38.1 36.8 42.6	0.7	46.5 47.7	23.8 24.6	14.7 2.0 2.3 1.5	13.7 18.8	123.1 141.2 154.9 163.5 127.6 129.3 135.7 149.2 176.0	289.0	116.9 145.0 157.2	63.0 33.8	25.4 23.8 24.6 19.3 23.5 26.7 25.0
1980 1981	4.3 12.5	153.8 122.2	38.9	0.7 0.5 0.8 0.8	54.0 61.2	19.3 23.5 26.7 25.0	2.3	14.0 10.8	129.3	287.4 270.4	153.8 122.2	38.9 38.1	19.3
1981	12.5	122.2	38.1	0.5	61.2	23.5	1.5	10.8	135.7	270.4	122.2	38.1	23.5
1982 1983	13.2 12.4	237.9	36.8	0.8	64.9 68.7	26.7	1.9 2.5	18.2 36.5	149.2	400.3 428.0	237.9 239.7	36.8 42.6	26.7
1983	12.4 12.9	239.7	42.6 46.7	1.0	85.5	25.U 28.0	2.5	36.5 36.5	200.8	428.0 471.7	239.7	42.6 46.7	25.0 28.0
1985	11.6	258.0 214.0 208.3	59.4	1.2	85.8	28.0 29.6 28.5 27.3 27.9 26.7 30.8 26.8 30.9 31.2	3.2 19.3 44.5 21.4 4.5 2.2 2.7 3.7 4.8 4.5 4.5	36.5 41.7 63.6	237.0	462.6	258.0 214.0 208.3 251.5 288.8	46.7 59.4 44.2 41.4 47.6	28.0 29.6 28.5 27.3 27.9 26.7
1985 1986 1987 1988	12 1	208.3	59.4 44.2	1.0	91.2	28.5	44.5	63.6	273.1	462.6 493.5	208.3	44.2	28.5
1987	4.3	251.5	41.4	1.0	83.6	27.3	21.4	56.6	231.4	487.2	251.5	41.4	27.3
1988 1989	4.3 4.4 4.7	288.8	47.6 64.5	1.0 1.1	83.6 95.2 104.7	27.9	4.5	56.6 39.3 32.8 32.2 19.6 25.0 21.4	215.5	508.6	288.8	47.6	27.9
1909	4.7 12.4	321.2 326.8	64.5 61.4	1.1	97.9	20.7 30.8	2.2	32.0 32.2	231.9 226.5	557.9 565.7	321.2	64.5 61.4	20.7 30.8
1990 1991	12.4 12.7	368.0	61.4 56.8 67.5 72.2	1.5	97.9 96.1 82.9 83.2	26.8	3.7	19.6	204.7	557.9 565.7 585.3	321.2 326.8 368.0	64.5 61.4 56.8 67.5 72.2	30.8 26.8
1992 1993	12.5	383.9 376.0	67.5	1.5	82.9	30.9	4.8	25.0	212.5	608.9 603.1	383.9 376.0	67.5	30.9 31.2
1993	13.6	376.0	72.2	0.9	83.2	31.2	4.5	21.4	213.5	603.1	376.0	72.2	31.2
1994 1995 1996	12.6 12.9	367.6 432.8 443.6	66.1 74.5 68.9 69.7 66.9 70.8 63.3 67.9 62.9 58.2	0.9	91.2 95.9	34.1 36.6	4.5	22.4 22.5 26.4	219.3	599.4 680.9	367.6 432.8 443.6	66.1 74.5 68.9 69.7 66.9	34.1
1996	11.2	432.6	68.9	0.9	105.8	34.4	5.7	26.4	242.0	696.8	443.6	68.9	37.2 35.1
1997 1998	11.7	425.4	69.7	1.2	119.7	32.3	5.4 5.2	27.8	256.0	693.2	425.4 434.4 422.8 438.0	69.7	32.9
1998	16.5	434.4	66.9	1.2	124.2	34.7	5.2	26.5	258.7	709.6	434.4	66.9	35.1
1999	16.4	422.8	70.8	1.0	134.1	33.0	6.7 5.0	29.8 28.6 43.0	275.5	714.7 729.7	422.8	70.8	33.4
2000 2001	16.5 15.9	438.0 413.0	63.3 67.0	1.0	146.7 137.6	30.9	5.0	28.6 43.0	2/5.3	729.7 718.3	438.0 413.0	63.3 67.0	31.1
2002	16.4	420.8	62.9	1.0	143.2	30.5	7.1 6.6	33.0	277.4	714.6	420.8	62.9	30.8
2003	12.6	415.9	58.2	1.5 1.5 0.9 0.9 1.0 0.9 1.2 1.2 1.0 0.9 1.0 1.0 0.9	155.2	34.4 32.3 34.7 33.0 30.9 32.7 30.5 30.5 35.7 35.6	5.4	34 9	237.0 273.1 231.4 215.5 231.9 226.5 204.7 212.5 213.5 219.3 235.2 242.0 256.0 258.7 275.5 275.3 289.3 277.4 285.4 334.1 333.1 342.3 323.1 278.7	713.9	415.9	70.8 63.3 67.9 62.9 58.2	34.1 37.2 35.1 32.9 35.1 33.4 31.1 33.2 30.8
2004 2005	14.1	407.9 434.7	81.8 73.2	0.8	175.5 181.1	35.7	4.4 4.5	36.0 37.7	334.1	756.1 781.8	407.9 434.7	81.8 73.2	36.1 35.6 35.2 35.6 34.3
2005	14.0	434.7	73.2	1.0	181.1	35.6	4.5	37.7	333.1	781.8	434.7	73.2	35.6
2006 2007 2008	15.0 13.7 14.7	375.7 372.2 343.9	80.9 78.3 75.3	1.1 0.8 1.3	180.0	35.2 35.6 34.3	4.5 4.6 2.5	40.7 39.0 30.4	342.3	733.0 708.9	375.7 372.2 343.9	80.9 78.3 75.3	35.2 35.6
2007	14.7	343.9	75.3	1.3	164.7 135.0	34.3	2.5	30.4	278.7	637.4	343.9	75.3	34.3
2009 2010	14.5 14.5	344.0 335.0	83.1 79.2	1.6 1.4	106.3 112.5	34.1	3.5 2.2	36.4 42.4	264.9 272.5	623.4	344.0 335.0	83.6 79.5	34.1 34.8
2010	14.5	335.0	79.2	1.4	112.5	34.8	2.2	42.4	272.5	623.4 622.0	335.0	79.5	34.8
2011 2012	15.5 15.5	339.8	83.8 78.8	1.3	103.4 93.3	33.6	1.9 2.7	44.8	268.8	624.1	339.8 347.2	84.6	33.6
2012	15.5 14.8	347.2 332.6	/8.8 72.1	1.3 1.3 1.3 1.3	93.3 87.0	34.1 34.8 33.6 33.7 32.8 32.2 34.8 35.2 34.2 33.8 33.3 29.5	2.7 0.6	44.8 40.2 37.0	250.1 230.9	612.8 578.2	347.2 332.6	79.5 79.5 73.2 73.1 78.2	33./ 32.8
2013 2014	18.2	329.3	72.1 72.0	1.3	87.3	32.2	0.6	32.6	226.1	573.6	329.3	73.2 73.1	34.2
2015	18.2 19.5	333.9	77 0	1.1	93.3	34.8	0.7	32.6 28.9	235.8	573.6 589.3	329.3 333.9	78.2	34.8
2016 2017	16.6 16.4	330.9 343.9	63.1 57.8	1.2	90.9 92.3	35.2	0.0 0.0	29.5 R 30.2	219.8	₂ 567.3	330.9 343.9	64.3 59.1	35.2
2017	16.4	343.9	57.8	1.1 1.2 1.2 1.3 1.3 1.3	92.3	34.2	0.0	n 30.2	D 215.8	567.3 R 576.1 R 578.7 R 581.3 R 615.0	343.9	59.1	34.2
2018 2019	17.3 17.6	346.3 343.4 R 374.6	63.5	1.3	94.4 93.3	33.8	(s) 0.0	R 29 0	R 220 3	R 581 3	340.3 343.4	65.2 64.8	33.8
2020	18.5	R 374.6	57.7	1.3	104.4	29.5	0.0	R 29.0	R 221.9	R 615.0	R 374.6	58.9	29.5
2021	18.7	^H 395.6	63.9 63.5 57.7 R 70.4	1.4	126.7	32.0 32.3	(s) (s)	R 21.6 R 29.0 R 29.0 R 30.4	272.5 268.8 250.1 230.8 226.1 235.8 219.8 R 215.8 R 215.1 R 220.3 R 221.9 R 260.4	ⁿ 674.6	346.3 343.4 R 374.6 R 395.6	65.2 64.8 58.9 R 71.0	33.6 33.7 32.8 34.2 34.2 35.2 34.2 33.3 29.5 32.3
2022	18.6	437.9	69.8	1.3	119.9	32.3	(s)	29.6	252.4	709.0	437.9	70.4	32.3

^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." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes, see technical notes.

^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 +0.05 and greater than -0.05 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, 1960-2022, Alaska (continued) (trillion Btu)

							Renewable en	ergy							
					Bior	nass							Net		
Year	Nuclear electric power	Hydro- electric power ^{e,f}	Wood and waste ^{f,g}	Fuel ethanol ^h	Biodiesel	Renewable diesel	Losses and co- products ⁱ	Total ^f	Geo- thermal ^f	Solar ^{f,j}	Wind	Total ^f	interstate flow of electricity k	Electricity net imports	Total ^f
1960	0.0	R 1.0	3.7	NA	NA	NA	NA	3.7	0.0	NA	NA	R 4.7	0.0	0.0	R 59.3
1965 1970	0.0 0.0	R 1.2	4.9 5.0	NA NA	NA NA	NA NA	NA NA	4.9 5.0	0.0 0.0	NA NA	NA NA	R 6.1 R 6.3 R 6.5 R 6.3	0.0 0.0	0.0	R 85.3 R 179.5
1971	0.0	R 1.2 R 1.2	5.3 5.1	NA	NA	NA	NA	5.3	0.0	NA	NA	P 6.5	0.0	(s) 0.0	R 198.4 R 212.0
1972	0.0	R 1.2 R 1.0	5.1	NA NA	NA NA	NA	NA NA	5.1	0.0	NA NA	NA NA	H 6.3	0.0	0.0 0.0	H 212.0
1973 1974	0.0 0.0	R 1.1	4.9 4.9	NA NA	NA NA	NA NA	NA NA	4.9 4.9	0.0 0.0	NA NA	NA NA	R 5.8 R 6.0	0.0 0.0	0.0	R 195.0 R 199.2
1975	0.0	R 1 2	4.9	NA	NA	NA	NA	4.9	0.0	NA	NA	He1	0.0	0.0	R 229.7 R 252.0
1976 1977	0.0 0.0	R 1.3 R 1.7	5.2 6.1	NA NA	NA NA	NA NA	NA NA	5.2 6.1	0.0 0.0	NA NA	NA NA	R 6.5 R 7.9 R 7.5 R 7.6	0.0 0.0	0.0 0.0	R 252.0 R 289.9
1978	0.0	R 1.6	5.9	NA NA	NA NA	NA NA	NA NA	5.9	0.0	NA	NA	R 7.5	0.0	0.0	H 320.7
1979	0.0	H16	6.0	NA	NA	NA	NA	6.0	0.0	NA	NA	R 7.6	0.0	0.0	H 296 6
1980 1981	0.0 0.0	R 1.8	2.7 3.0	NA 0.0	NA NA	NA NA	NA 0.0	2.7 3.0	0.0 0.0	NA NA	NA NA	R 4.6 R 5.1 R 4.8	0.0 0.0	0.0 0.0	R 292.0 R 275.5
1982	0.0	R 2.0 R 1.9	2.9	0.0	NA	NA	0.0	2.9 3.3	0.0	NA	NA	R 4.8	0.0	0.0	R 405.1 R 433.4
1983	0.0	R 2.0 R 2.4	2.9 3.3 3.9	0.0	NA	NA	0.0	3.3	0.0	NA	0.0	R 5.4 R 6.3 R 6.5 R 5.0 R 5.9	0.0	0.0	R 433.4
1984 1985	0.0 0.0	R 2.6	3.9 4.0	0.0 0.0	NA NA	NA NA	0.0 0.0	3.9 4.0	0.0 0.0	0.0 0.0	(s) (s) 0.0 0.0	"6.3 R65	0.0 0.0	0.0 0.0	R 478.0 R 469.2
1986 1987	0.0	R 2.8 R 3.0	2.3 2.9	(s) (s)	NA	NA	0.0	2.3 2.9	0.0	0.0 0.0	0.0	B 5.0	0.0	0.0	R 498.6 R 493.1
1987	0.0	H 3.0 H 3.2	2.9	(s)	NA	NA	0.0	2.9	0.0	0.0	0.0	H 5.9	0.0	0.0	H 493.1
1988 1989	0.0 0.0	Ran	3.1 9.2	(s)	NA NA	NA NA	0.0 0.0	3.1 9.2	0.0 0.1	0.0 (s)	0.0 0.0	R 6.3 R 12.2	0.0 0.0	0.0 0.0	R 514.9 R 570.1
1990	0.0	R 3 3	8.2	(s) 0.0	NA	NA	0.0	8.2	0.1	(s)	0.0	H 11 5	0.0	(s) (s)	R 577.3 R 596.4
1991 1992	0.0 0.0	R 3.1 R 3.1	8.0 8.8	0.0 0.0	NA NA	NA NA	0.0 0.0	8.0 8.8	0.1 0.1	(s)	0.0 0.0	R 11.1 R 11.9	0.0 0.0	(s)	H 596.4
1993	0.0	R 4.4 R 4.6	7.1	0.0	NA	NA	0.0	7.1	0.1	(s) (s)	0.0	R 11.6 R 14.3	0.0	(s) (s)	R 620.9 R 614.6
1994	0.0	R 4.6	7.1 9.7	(s)	NA	NA	0.0	9.7	0.1	(s)	0.0 0.0	R 14.3	0.0	(s) (s)	H 613 8
1995 1996	0.0 0.0	R 4.7 R 4.3	8.3 8.0	0.6 0.7	NA NA	NA NA	0.0 0.0	8.9 8.8	0.1 0.1	(s) (s)	0.0 0.0	R 13.7	0.0 0.0	(s) (s)	R 694.6 R 710.0 R 701.3 R 715.7
1997	0.0	R 4.3 R 3.7	3.7	0.6	NA	NA	0.0	4.3	0.1	(s)	0.0	R 13.1 R 8.1	0.0	(s)	R 701.3
1998	0.0	R 3.8	1.9	0.3	NA	NA	0.0	2.2	0.1	(s)	0.0	He 1	0.0	(s)	R 715.7
1999 2000	0.0 0.0	R 2.8 R 3.4 R 4.6	1.8 1.9	0.4 0.2	NA NA	NA NA	0.0 0.0	2.2 2.1	0.1 0.1	(S) (S)	0.0 0.0	115.0 R 5.6	0.0 0.0	(s) (s)	R 719.8 R 735.3
2001	0.0	R 4.6	3.0 3.2	0.5	(s)	NA	0.0	3.4	0.1	(s)	(s) 0.0	R 5.0 R 5.6 R 8.1 R 8.5	0.0	(s)	R 726.4 R 723.2
2002	0.0	R 4.9	3.2	0.3	(s)	NA	0.0	3.5	0.1	(s)	0.0	H 8.5	0.0	(s)	H 723.2
2003 2004	0.0 0.0	R 5.4 R 5.1	3.3 3.3	0.2 0.4	(s) (s)	NA NA	0.0 0.0	3.5 3.8	0.1 0.1	(s)	0.0 0.0	R 9.0 R 9.0	0.0 0.0	(s) (s)	R 722.8 R 765.1
2005	0.0	R 5.0	1.1	0.0	0.1	NA	0.0	1.2	0.1	(s)	(s)	R 6.3 R 5.5 R 5.9 R 5.6 R 7.5 R 8.0	0.0	(s)	R 788.1 R 738.5
2006 2007	0.0 0.0	R 4.2 R 4.4	1.1	0.0 0.0	0.2 0.2	NA NA	0.0 0.0	1.2 1.4	0.1 0.1	(s)	(s) (s) (s)	H 5.5 R 5 0	0.0 0.0	(s) (s)	R 738.5 R 714.9
2008	0.0	R 4 0	1.2 1.2	0.0	0.2	NA	0.0	1.4	0.1	(s)	(s)	R 5.6	0.0	(s)	H 643 0
2009	0.0	R 4.5 R 4.9	2.5 2.7	0.0	0.2	NA	0.0	2.8	0.2	(s)	R (s)	R 7.5	0.0	(s) (s)	R 630.8 R 630.0
2010 2011	0.0 0.0	R 4.9	2.7 2.7	0.0 0.0	0.2 0.6	NA 0.0	0.0 0.0	2.9 3.3	0.2 0.2	(s) (s)	n (s) R (s)	™ 8.0 R 8 1	0.0 0.0	(s) (s)	□ 630.0 R 632.3
2012	0.0	R 5.4 R 4.9	2.3 3.4	0.0	(s) 0.3	0.0	0.0	2.3 3.7	0.2 0.2	(s)	(s) R (s) R (s) R (s) R 0.1 R 0.5	R 8.1 R 8.0 R 9.2	0.0	(s)	R 632.3 R 620.8
2013	0.0	R 4.9	3.4	0.0	0.3	0.0	0.0	3.7	0.2	(s)	R 0.5	R 9.2	0.0	(s) (s)	H 587 5
2014 2015	0.0 0.0	R 5.3 R 5.4	3.5 _ 7.5	2.1 0.0	0.9 (s)	0.0 0.0	0.0 (s)	6.5 7.5	0.2 0.2	(S) (S)	" 0.5 R 0.5	R 12.5 R 13.6	0.0 0.0	0.0 0.0	R 586.1 R 602.9
2016	0.0	R 5.7 R 5.6	R 8.1 6.9	0.0	1.1	0.0	(s) (s)	9.2 7.8	0.2 0.2	(s)	R 0.5 R 0.6 R 0.5	R 15.6 R 14.1	0.0	(s) (s)	R 582.9 R 590.2
2017 2018	0.0 0.0	H 5.6 R 5.7	6.9 7.4	0.0 0.0	0.9 0.9	0.0 0.0	(s)	7.8 8.2	0.2	(s)	H 0.5 R 0.5	H 14.1 P 14.6	0.0 0.0	(s)	H 590.2
2018	0.0	R 5.5	6.8	0.0	0.9	0.0	(s) 0.0	0.2 7.7	0.2 0.2	(s) (s)	R 0.5 R 0.4	H 12 a	0.0	(s) 0.0	R 593.3 R 595.2
2020	0.0	R 6.0	H 6.5	0.0	0.9	0.0	0.0	7.7 R 7.3	0.2	R (s)	R 0.4	R 14 0	0.0	0.0	R 629.0 R 688.3
2021 2022	0.0 0.0	R 5.8 5.8	R 6.3 7.7	0.0 0.0	0.9 0.9	0.0 0.0	0.0 0.0	R 7.2 8.5	0.2 0.2	R (s) 0.1	R 0.5 0.5	R 13.6 15.1	0.0 0.0	0.0 0.0	^H 688.3 724.1
2022	0.0	5.0	1.1	0.0	0.9	0.0	0.0	0.5	0.2	0.1	0.5	13.1	0.0	0.0	124.1

e Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be

Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

| Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatthours by 3,412 Btu per

separately identified.

† There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
 Description of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes. Losses and co-products from the production of biodiesel and fuel ethanol.

Solar thermal and photovoltaic energy.

k Includes the energy losses associated with the generation, transmission, and distribution of the electricity flowing across state lines. A positive number indicates that more electricity came into the state than went out of the state during the year.

kilowatthour.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 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, 1960-2022, Alaska

						Petroleum					Bion	nass						
		Natural	Distillate		Jet	Motor	Residual			Hydro- electric			_					
	Coal	gas ^a	fuel oil b	HGL ^c	fuel ^d	gasoline ^e	fuel oil	Other ^f	Total	power g,h					Electricity		Electrical	
Year	Thousand short tons	Billion cubic feet			1	housand barrels	8			Million kilowatt- hours	Wood and waste ^{h,i}	Losses and co- products j	Geo- thermal ^h	Solar ^{h,k}	Million kilowatt- hours	End use h,m	system energy losses ⁿ	Total h,m
1960	325	2	2,541	46	1,972	1,657	708	1,176	8,099	0					296			
1970	491	56	4,706	151	6,735	2,621	1,015	1,352	16,580	0					1,106			
1980 1990	0 494	125 308	6,138 10,061	191 384	9,618 17,367	3,676 5,854	18 254	2,387 5,462	22,028 39,383	0					2,577 4,254			
2000	524	392	10,461	221	25,872	5,973	118	4,770	47,415	Ö					5,310			
2005	507	394	12,046	266	31,940	6,853	12	6,319	57,436	0					5,913			
2006	560	331	13,351	277	31,747	6,789	30	6,844	59,037	0					6,182			
2007 2008	475 558	329 299	12,901 12,370	209 334	29,053 23,817	6,927 6,708	263 195	6,555 5.101	55,907 48,525	0					6,327 6,326			
2009	531	304	13,872	411	18,746	6,708	3	5,928	45,668	0					6,270			
2010	561	294	13,272	357	19,850	6,877	37	6,887	47,280	0					6,247			
2011	626	294	14,089	333	18,242	6,643	69	7,262	46,638	0					6,320			
2012	604	303	13,268	338	16,462	6,661	57	6,501	43,287	0					6,416			
2013 2014	586 545	298 297	12,145 12,179	327 329	15,343 15,389	6,482 6,763	0	5,983 5,256	40,280 39,916	0					6,268 6,165			
2014	560	303	12,179	285	16,462	6,878	0	4,655	41,264	0					6,159			
2016	461	302	10,355	303	16,026	6,967	0	R 4,651	R 38,302	168					6,123			
2017	478	319	9,377	323	16,282	6,778	0	R 4,753	R 37,514	182					6,186			
2018	459	330	10,482	338	16,654	6,694	(s)	R 3,457	R 37,625	176					5,972			
2019 2020	437 474	325 R 357	10,383 9,215	346 329	16,449 18,420	6,585 5,843	0	R 4,585 R 4,577	R 38,348 R 38,384	130 162					5,819 5,918			
2021	493	R 377	R 11,463	356	22,349	6,335	(s)	R 4,785	R 45,287	169					5,969			
2022	480	418	11,407	341	21,146	6,403	(s)	4,664	43,961	183					6,002			
									Trillion	Btu								
1960	6.3	2.0	14.8	0.2	10.6	8.7	4.4	6.1	44.8	0.0	3.7	NA	NA	NA	1.0	57.8	R 1.5	R 59.3
1970	8.9	55.8	27.4	0.6	37.7	13.8	6.4	7.8	93.7	0.0	5.0			NA	3.8		R 12.3	R 179.5
1980	0.0	124.9	35.8	0.7	54.0	19.3	0.1	14.0	124.0	0.0	2.7			NA	8.8	260.3	R 31.6	R 292.0
1990 2000	7.8 8.2	291.5 402.3	58.6 60.9	1.5 0.9	97.9 146.7	30.8 31.1	1.6 0.7	32.2 28.6	222.6 268.8	0.0	8.2 1.9			(s)	14.5 18.1	544.7 699.4	R 32.6 R 35.9	R 577.3 R 735.3
2005	7.9	395.2	70.1	1.0	181.1	35.6	0.7	37.7	325.6	0.0	1.1			(s) (s)	20.2		R 37.9	R 788.1
2006	8.7	332.1	77.5	1.1	180.0	35.2	0.2	40.7	334.6	0.0	1.1			(s)	21.1	697.9	R 40.6	R 738.5
2007	7.4	331.0	74.6	8.0	164.7	35.6	1.7	39.0	316.5	0.0	1.2			(s)	21.6		R 36.9	R 714.9
2008	8.5	300.5	71.5	1.3	135.0	34.3	1.2	30.4	273.7	0.0	1.2			(s)	21.6		R 37.0	R 643.0
2009 2010	8.2 8.6	305.7 295.0	80.1 76.6	1.6 1.4	106.3 112.5	34.1 34.8	(s) 0.2	36.4 42.4	258.5 268.0	0.0	2.5 2.7			(s) (s)	21.4 21.3	596.4 595.8	R 34.7 R 34.3	R 631.1 R 630.1
2010	9.5	297.5	81.3	1.4	103.4	33.6	0.2	44.8	264.9	0.0	2.7			(s)	21.6	596.3	R 36.1	R 632.5
2012	9.2	307.0	76.5	1.3	93.3	33.7	0.4	40.2	245.5	0.0	2.3				21.9		R 35.5	R 621.5
2013	9.0	298.6	70.0	1.3	87.0	32.8	0.0	37.0	228.0	0.0	3.4	0.0	0.2	(s)	21.4	560.6	R 27.7	R 588.3
2014	8.3	297.3	70.2	1.3	87.3	34.2	0.0	32.6	225.6	0.0	3.5				21.0		R 30.3	R 586.2
2015 2016	8.5 7.0	303.7 302.7	74.8 59.6	1.1 1.2	93.3 90.9	34.8 35.2	0.0	28.9 29.5	232.9 216.4	0.0 R 0.6	7.5 R 8.1			(s)	21.0 20.9	573.8 R 555.7	R 30.2 R 27.3	R 604.0 R 583.0
2016	7.0	302.7	59.6 54.0	1.2	90.9	35.2	0.0	R 30.2	R 212.0	R 0.6	6.9	(-)	0.2	(s) (s)	20.9	R 562.9	R 27.6	R 590.6
2017	6.9	320.9	60.4	1.3	94.4	33.8	(s)	R 21.6	R 211.5	R 0.6	7.4		0.2	(s)	20.4	R 567.9	R 25.8	R 593 8
2019	6.6	318.9	59.8	1.3	93.3	33.3	0.0	R 29.0	R 216.7	R _{0.4}	6.8	0.0		(s)	19.9	R 569.5	R 26.2	H 595.7
2020	7.1	R 351.7	53.0	1.3	104.4	29.5	0.0	R 29.0	R 217.3	R 0.6	R 6.5			R (s)		R 603.5	R 25.8	^H 629.3
2021	7.4	R 370.1	R 66.1	1.4	126.7	32.0	(s)	R 30.4	R 256.5	R 0.6				R (s)	20.4		H 27.0	R 688.5
2022	7.3	411.1	65.8	1.3	119.9	32.3	(s)	29.6	248.9	0.6	7.7	0.0	0.2	0.1	20.5	696.3	28.0	724.3

^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.

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 There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

J Losses and co-products from the production of biodiesel and fuel ethanol.

k Solar thermal and photovoltaic energy.

¹ Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

^m 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.

ⁿ 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) = Physical unit value less than 0.5 or Btu value less than 0.05.

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, 1960-2022, Alaska

Thousand short tons	tricity ⁹ illion atthours End use ^{e,h} 151 292 527 898 1,092 1,674	Electrical system energy losses	Total ^{e,h} — — — —
Year short tons cubic feet Thousand barrels Wood d Geothermal e Solar e,f kilowa 1960 38 (s) 866 24 0 890 1965 20 1 1,110 51 10 1,171 1970 13 6 1,362 51 19 1,432 1975 5 10 1,621 46 91 1,758	151 292 527 898 1,092 1,674	losses	
1965 20 1 1,110 51 10 1,171 1970 13 6 1,362 51 19 1,432 1975 5 10 1,621 46 91 1,758	292 527 898 1,092 1,674		
1970 13 6 1,362 51 19 1,432 1975 5 10 1,621 46 91 1,758	527 898 1,092 1,674		
1975 5 10 1.621 46 91 1.758	898 1,092 1,674		
1980 0 8 1,172 39 0 1,211	1,092 1,674		
	1,674		
1985 96 13 1,274 128 1 1,402 1990 99 14 1,557 200 3 1,759	1 661		
	1,661 1,713		
2000 58 16 1.731 125 13 1.870	1.855		
2005 40 18 1,619 158 31 1,808 2006 50 21 1,932 138 275 2,346	2,062 2,120		
2007 47 20 1,458 106 161 1,725	2,120		
2008 0 21 1,248 193 140 1,581	2,130		
2009 0 20 1,500 183 14 1,697 2010 0 19 1,504 153 15 1,672	2,117 2,093		
2010 0 19 1,504 153 15 1,672 2011 0 20 1,393 130 25 1,549	2,134		
2012 0 21 1,356 131 7 1,494	2,160		
2013 0 19 1,200 96 5 1,301	2,104		
2014 0 18 1,155 101 6 1,261 2015 0 19 1,349 92 7 1,448	2,044 2,044		
2016 0 18 1,246 91 11 1,347	2,006		
2017 0 20 1,347 116 (s) 1,463	2,060		
2018 0 19 1,111 120 (s) 1,230 2019 0 18 1,141 104 (s) 1,245	1,975 1,928		
2020 0 21 1.239 113 (s) 1.352	2,089		
2021 0 22 ^R 1,401 109 (s) ^R 1,510	2,084		
2022 0 20 1,225 105 (s) 1,330	2,050		
Trillion Btu			
1960 0.7 0.2 5.0 0.1 0.0 5.1 1.8 NA NA 1965 0.4 1.5 6.5 0.2 0.1 6.7 1.6 NA NA 1970 0.2 6.2 7.9 0.2 0.1 8.2 1.3 NA NA	0.5 8.3	R _{0.8}	_R 9.1
1965	1.0 11.1 1.8 17.8	R 2.7 R 5.9	R 13.9 R 23.7
1975 0.1 10.4 9.4 0.2 0.5 10.1 1.4 NA NA	3.1 25.1	Rgg	H 35.0
1980 0.0 7.9 6.8 0.1 0.0 7.0 0.9 NA NA	3.7 19.6	R 13.4 R 14.3	R 33 0
1985 1.5 13.3 7.4 0.5 (s) 7.9 1.9 NA NA 1990 1.6 13.4 9.1 0.8 (s) 9.9 1.5 (s) (s)	5.7 30.4 5.7 32.0	H 14.3	R 44.6
1990 1.6 13.4 9.1 0.8 (s) 9.9 1.5 (s) (s) 1995 1.1 15.3 11.8 0.4 (s) 12.2 1.8 (s) (s)	5.7 32.0 5.8 36.3 6.3 35.9	R 12.7 R 10.5 R 12.5	R 44.8 R 46.8
2000 0.9 16.4 10.1 0.5 0.1 10.6 1.5 (s) (s)	6.3 35.9	R 12.5	H 48 4
2005 0.6 18.1 9.4 0.6 0.2 10.2 0.9 (s) (s) (s) 2006 0.8 20.7 11.2 0.5 1.6 13.3 0.8 (s) (s)	7.0 36.9 7.2 42.9 7.2 38.6	R 13.2 R 13.9	R 50.2 R 56.8 R 50.9
2006	7.2 42.9 7.2 38.6	H 12.3	R 50.8
2008 0.0 21.6 7.2 0.7 0.8 8.7 1.0 0.1 (s)	7.3 38.7	H 12.5	H 51 1
2009 0.0 20.1 8.7 0.7 0.1 9.4 2.1 0.1 (s)	7.2 39.0	R 11.7	H 50 7
2010 0.0 18.8 8.7 0.6 0.1 9.4 2.3 0.1 (s) 2011 0.0 20.5 8.0 0.5 0.1 8.7 2.2 0.1 (s) 2012 0.0 21.6 7.8 0.5 (s) 8.4 1.9 0.1 (s)	7.1 37.7 7.3 38.8 7.4 39.3	R 11.5 R 12.2	R 49.2 R 51.0 R 51.3
2011 0.0 20.5 8.0 0.5 0.1 8.7 2.2 0.1 (s) 2012 0.0 21.6 7.8 0.5 (s) 8.4 1.9 0.1 (s)	7.4 39.3	R 12.2 R_11.9	R 51.3
2013 0.0 19.2 6.9 0.4 (s) 7.3 2.4 0.1 (s)	7.2 36.3	Наз	H 45 6
2014 0.0 17.8 6.7 0.4 (s) 7.1 2.5 0.1 (s) 2015 0.0 18.6 7.8 0.4 (s) 8.2 5.9 0.1 (s)	7.0 34.4 7.0 39.7	R 10.0 R 10.0	R 44.4 R 40.7
2015 0.0 18.6 7.8 0.4 (s) 8.2 5.9 0.1 (s) 2016 0.0 17.8 7.2 0.3 0.1 7.6 6.4 0.1 (s) 2017 0.0 20.0 7.8 0.4 (s) 8.2 5.4 0.1 (s)	7.0 39.7 6.8 38.7 7.0 40.8	R 8.9	R 49.7 R 47.7 R 50.0
2017 0.0 20.0 7.8 0.4 (s) 8.2 5.4 0.1 (s)	7.0 40.8	R 8.9 R 9.2	R 50.0
2018 0.0 18.1 6.4 0.5 (s) 6.9 5.9 0.1 (s)	6.7 37.8	R 8.5 R 8.7	R 46.3 R 45.5
2019 0.0 17.6 6.6 0.4 (s) 7.0 5.5 0.1 (s) 2020 0.0 20.7 7.1 0.4 (s) 7.6 84.9 0.1 (s)	6.6 36.9 7.1 R 40.4	R 9.1	H 49 5
2021 0.0 21.1 ^R 8.1 0.4 (s) ^R 8.5 ^R 4.8 0.1 ^R (s)	7.1 H 41.6	R 9.4	R 51.1 50.0
2022 0.0 19.9 7.1 0.4 (s) 7.5 6.0 0.1 (s)	7.0 40.4	9.6	50.0

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.

There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
 Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial

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) = Physical unit value less than 0.5 or Btu value less than 0.05.

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, 1960-2022, Alaska

. —					Pet	roleum			Undua	Biomass						
	Coal	Natural gas ^a	Distillate fuel oil	HGL ^b	Kerosene	Motor gasoline ^c	Residual fuel oil	Total ^d	Hydro- electric power ^{e,f}			Solar ^{f,h}	Electricity ⁱ		Electrical	
Yea	Thousand short tons	Billion cubic feet			Thous	and barrels			Million kilowatthours	Wood and waste ^{f,g}	Geothermal ^f	Mill kilowat		End use ^{f,j}	system energy losses ^k	Total ^{f,j}
1960	26	0	268	18	0	130	464	880	NA NA			NA	99			
1965 1970	15	2	344 422	39	0	253	751 807	1,387	NA NA			NA NA	267 478			
1975	10 12	13 14	502	39 35	Ö	246 415	558	1,514 1,510	NA			NA	657			
1980 1985	0 341	17 20	577 901	30 98	0	258 268	4 0	869 1,269	NA NA			NA NA	728 1,898			
1990	395	22	1,049	153	(s)	52	0	1,254	0			0	2,133			
1995 2000	455 466	25 26	1,035 1,155	80 96	(s) (s)	21 64	0	1,136 1,315	0			0	2,372 2,418			
2005	465	17	1,006	98	`1	168	Ö	1,272	0			Ö	2,695			
2006 2007	508 426	19 19	1,166 981	110 84	185 106	156 176	3	1,620 1,347	0			0	2,819 2,828			
2008 2009	558 527	17 17	1,226 1,093	131	94 12	116 64	1	1,569	0			0	2,852 2,841			
2010	558	16	1,924	183 150	16	157	0	1,352 2,247	0			0	2,830			
2011 2012	621 603	19 20	1,743 1,481	163 184	18 14	128 95	0	2,053 1,774	0			0	2,854 2,875			
2013	585 544	19	1,170	199	5	85 72	Ö	1.459	Ö			Ŏ	2.824			
2014 2015	544 559	18 18	1,264 1,520	196 167	3 3	72 300	0	1,535 1,989	0			0	2,762 2,763			
2016	460	16	1,034	172	4	153	0	1,362	168			(s)	2,731			
2017 2018	476 458	16 14	1,141 1,289	177 194	(s) (s)	104 104	0	1,422 1,587	182 176			1	2,705 2,646			
2019 2020	435 473	15 17	1,269 1,144	205 184	(s)	104 104	0	1,578 _ 1,433	130 162			1 2	2,639 2,524			
2021	492	17	R 1,515	212	(s) (s)	106	Ö	R 1,833	169	==		4	2,559			
2022	478	16	1,307	204	(s)	200	0	1,711	183			5	2,576			
									llion Btu							
1960 1965	0.5 0.3	0.0 2.3	1.6 2.0	0.1 0.2	0.0 0.0	0.7 1.3	2.9 4.7	5.2 8.2	NA NA	(s)	NA NA	NA NA	0.3 0.9	6.1 11.7	R 0.5 R 2.5	R 6.6 R 14.2
1970 1975	0.2	12.6	2.5	0.2	0.0	1.3	5.1 3.5	9.0	NA NA	(s)	NA NA	NA NA	1.6	23.4 25.7	R 2.5 R 5.3 R 7.3	R 28.7 R 33.0
1980	0.2 0.0	14.5 16.6	2.9 3.4	0.1 0.1	0.0 0.0	2.2 1.4	(s)	8.7 4.9	NA	(s) (s)	NA	NA	2.2 2.5	23.9	Rag	R 32.9
1985 1990	5.4 6.2	20.5 20.5	5.2 6.1	0.4 0.6	(s) (s)	1.4 0.3	0.0 0.0	7.0 7.0	NA 0.0	(s) 0.2	NA (s)	NA 0.0	6.5 7.3	39.4 41.1	H 16.2 B 16.4	R 55.6 R 57.5
1995	7.2	25.1	6.0	0.3	(s)	0.1	0.0	6.4	0.0	0.3	(s)	0.0	8.1	47.1	H 1/1 G	H 61.7
2000 2005	7.3 7.3	27.2 17.0	6.7 5.9	0.4 0.4	(s) (s)	0.3 0.9	0.0 0.0	7.4 7.1	0.0 0.0	0.3 0.3 0.2	(s) (s)	0.0 0.0	8.3 9.2	50.4 40.7	R 16.3 R 17.3	R 66.8 R 58.0
2006	7.9	18.6	6.8	0.4	1.0	0.8	(s) 0.0	9.1	0.0	0.2	(s) (s)	0.0	9.6	45.4	R 18.5 R 16.5	R 63.9 R 59.3
2007 2008	6.6 8.5	18.9 17.1	5.7 7.1	0.3 0.5	0.6 0.5	0.9 0.6	0.0 (s)	7.5 8.7	0.0 0.0	0.1 0.2	0.1	0.0 0.0	9.7 9.7	42.9 44.3	H 16 7	H 61 0
2009 2010	8.1 8.5	16.7 16.0	6.3 11.1	0.7 0.6	0.1 0.1	0.3 0.8	(s) 0.0 0.0	7.4 12.6	0.0 0.0	0.2 0.3 0.3	0.1 0.1	0.0 0.0	9.7 9.7	42.3 47.1	R 15.7 R 15.5	R 58.0 R 62.7
2011	9.4	19.6	10.1	0.6	0.1	0.6	0.0	11.4	0.0	0.3	0.1	0.0	9.7	50.6	R 16.3 R 15.9	H 67.0
2012 2013	9.2 8.9	20.1 18.7	8.5 6.7	0.7 0.8	0.1 (s)	0.5 0.4	0.0 0.0	9.8 8.0	0.0 0.0	0.3 0.7	0.1 0.1	0.0 0.0	9.8 9.6	49.3 46.1	H 12 5	R 65.2 R 58.6
2014	8.3 8.5	17.9	7.3	0.8	(s)	0.4	0.0	8.4	0.0	0.9	0.1	0.0	9.4	45.0	R 136	R 58.6 R 62.4
2015 2016	8.5 7.0	18.5 16.0	8.8 6.0	0.6 0.7	(s) (s)	1.5 0.8	0.0 0.0	10.9 7.4	0.0 R 0.6	1.4 1.5	0.1 0.1	0.0 (s)	9.4 9.3	48.9 R 41.8	R 13.5 R 12.2	ⁿ 62.4 R 54.0
2017	7.1	15.4	6.6	0.7	(s)	0.5	0.0	7.8	Ros	1.4	0.1	(s)	9.2	R/16	H 12 1	R 54.0 R 53.7
2018 2019	6.9 6.6	14.1 14.3	7.4 7.3	0.7 0.8	(s) (s)	0.5 0.5	0.0 0.0	8.7 8.6	R 0.6 R 0.4	1.3 1.2	0.1 0.1	(s) (s)	9.0 9.0	R 40.8 R 40.2	R 11.4 R 11.9	R 52.2 R 52.1 R 53.1
2020 2021	7.1 7.4	16.3 R 16.5	6.6 R 8.7	0.7 0.8	(s)	0.5 0.5	0.0	7.8 R 10.1	R 0.6 R 0.6	1.5 1.5	0.1 0.1	(s) (s)	8.6 8.7	R 42.0 R 44.8	R 11.0 R 11.6	R 53.1 R 56.4
2021	7.4	15.8	7.5	0.8	(s) (s)	1.0	0.0	9.3	0.6	1.5	0.1	(S) (S)	8.7 8.8	43.5	12.0	55.5
					` '							,				

^a Includes supplemental gaseous fuels that are commingled with natural gas.

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.

b Hydrocarbon gas liquids, assumed to be propane only.

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

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.

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

Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the

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.

—— = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

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, 1960-2022, Alaska

					Petrol	eum				Bio	nass						
	Coal	Natural gas ^a	Distillate fuel oil	HGL ^b	Motor gasoline ^c	Residual fuel oil	Other ^d	Total	Hydro- electric power ^{e,f}				Solar ^{f,i}	Electricity j		Electrical	
Year	Thousand short tons	Billion cubic feet	1		Thousand	d barrels	l		Million kWh	Wood and waste f,g	Losses and co- products ^h	Geo- thermal ^f	Mi	illion wh	End use ^{f,k}	system energy losses	Total ^{f,k}
1960	256	2	878	4	0	229	141	1 252	0				NA	45			
1965	256 339	2 2	1,238	(s) 60	83	60	417	1,252 1,798	ŏ				NA	. 59			
1970 1975	467 594	19 40	1,923 2,117	60 130	107 106	73 31	812 1,146	2,975 3,530	0				NA NA				
1980	0	100	1,784	119	111	14	1,795	3.823	ŏ				NA	757			
1985 1990	0	140 271	1,713 1,413	91 25	406 55	2,577 116	6,433 4,872	11,220 6,481	0	==	==		NA 0				
1995	0	358	3,099	85	62	375	3,298	6,920	0				0				
2000	1	342	2,266	(s)	25	0	4,137	6,428	0				0	1,037			
2005 2006	2	356 289	1,912 2,187	6 25	102 103	0	5,927 6,053	7,948 8,368	0				0				
2007	2	288	2,691	16	66	ŏ	5,956	8,729	ŏ				ŏ	1,384			
2008 2009	(s)	258 265	2,709 3,292	9 43	73 69	1	4,590 5,616	7,382 9,024	0				0				
2010	4	256	2,455	43 52	202	4	6,586	9,024	0				0				
2011	5	251 258	3,309	52 38 21 29	194	Ó	6,960	10.502	Ō				Ö	1.331			
2012 2013	1	258 260	4,056 4,225	21	211 228	0	6,247 5,758	10,536 10,240	0				0				
2014	i	261	4,022	32 24	127	Ö	5,032	9,213	ő				Ö	1,360			
2015	1	266	4,167	24	97	0	4,293 R 4,319	8,582	0				0				
2016 2017	1	268 283	3,457 1,981	39 24	99 100	0	R 4 437	R 7,914 R 6.542	0				(s)	1,385 1,421			
2018	i	283 296	2,131	19	104	(s) 0	R 4,437 R 3,132	R 5 386	ŏ				(s)	1,352			
2019 2020	1	292 R 319	1,574 1,615	34 31	104 107	0	R 4,252 R 4,318	R 5,964 R 6,071	0				(s)	1,252 1,304			
2020	i	R 338	2,632	33	107	(s)	R 4,412	R 7,181	0				(s)				
2022	1	382	2,660	29	109	(s)	4,280	7,078	0				(s)	1,376			
									Trillion Bt	u							
1960	5.0	1.9	5.1 7.2	(s) (s)	0.0	1.4	0.8	7.4	0.0	1.8	NA	NA	NA	0.2	16.2	R 0.2	R 16.5
1965 1970	6.5 8.5	1.8 19.6	7.2 11.2	(s) 0.2	0.4 0.6	0.4 0.5	2.6 5.0	10.6 17.5	0.0		NA NA	NA NA	NA NA		22.3 49.6	R 0.5 R 1.1	R 22.9 R 50.7
1975	10.5	40.4	12.3	0.5	0.6	0.2	7.1	20.6	0.0	3.5	NA	NA	NA	1.7	76.6	R 5.4	R 50.7 R 82.0
1980 1985	0.0	100.3	10.4 10.0	0.4	0.6 2.1	0.1	11.0 38.7	22.4 67.3	0.0	1.8	NA 0.0	NA NA	NA NA		127.0	R 9.3 R 3.6	R 136.3 R 215.0
1985	0.0 0.0	140.7 256.1	8.2	0.3 0.1	0.3	16.2 0.7	29.2	38.5	0.0 0.0		0.0	(s)	0.0		211.4 302.6	R35	R 306.1
1995	0.0	360.0	18.0	0.3	0.3	2.4	20.0	41.0	0.0	6.2	0.0	(s)	0.0	1.9	409.1	R34	H 412 5
2000 2005	(s)	351.1 357.5	13.2 11.1	(s) (s)	0.1 0.5	0.0 0.0	25.3 35.6	38.6 47.3	0.0 0.0		0.0 0.0	0.0	0.0 0.0		393.3 408.8	R 7.0 R 7.4	R 400.3 R 416.2
2006	(s) (s) (s)	289.9	12.7	0.1	0.5	0.0	36.3	49.6	0.0	0.1	0.0	0.0	0.0	4.2	343.9	R 8.2	R 352.1 R 354.7
2007	(s)	290.0	15.6	0.1	0.3	0.0	35.8	51.7	0.0		0.0	0.0	0.0) 4.7	346.6	R 8.1 R 7.9	R 354.7
2008 2009	(s) 0.1	259.7 266.5	15.7 19.0	(s) 0.1	0.4 0.4	(s) (s)	27.6 34.7	43.7 54.3	0.0 0.0		0.0 0.0	0.0 0.0	0.0 0.0		308.1 325.4	11 7.9 R 7.3	R 315.9 R 332.7
2010	0.1	266.5 256.9	14.2	0.2	1.0	(s) 0.0	40.7	56.2	0.0	0.1	0.0	0.0	0.0) 4.5	317.7	R 7.3 R 7.3	R 332.7 R 325.0
2011 2012	0.1	253.8 261.2	19.1 23.4	0.1 0.1	1.0 1.1	0.0 0.0	43.2 38.9	63.4 63.4	0.0 0.0		0.0 0.0	0.0 0.0	0.0 0.0		322.0 329.4	R 7.6 R 7.6	R 329.6 R 337.1
2012	(s) (s)	260.1	24.3	0.1	1.2	0.0	35.8	61.4	0.0		0.0	0.0	0.0		326.3	Rag	H 332 2
2014	(s)	261.3	23.2	0.1	0.6	0.0	31.4	55.4	0.0	0.2	0.0	0.0	0.0	4.6	321.5	R 6.7	R 328.2 R 329.0 R 327.8
2015 2016	(s) (s)	266.0 268.4	24.0 19.9	0.1 0.2	0.5 0.5	0.0 0.0	27.0 27.7	51.6 48.3	0.0	0.2 0.1	(s)	0.0	0.0 (s)		322.4 321.6	R 6.6 R 6.2	n 329.0 R 327 g
2017	(s)	279.2	11.4	0.1	0.5	0.0	R 28.5	R 40.5	0.0	0.1	(s)	0.0	(s)	4.8	R 324.7	R 6.3	R 331.0 R 331.5
2018	(s)	288.1	12.3	0.1	0.5	(s)	R 19.9 R 27.2	H 32.8	0.0		(s)	0.0	(s)	4.6	H 325.6	R 5.8 R 5.6	R 331.5
2019 2020	(s)	286.6 R 314.2	9.1 9.3	0.1 0.1	0.5	0.ó 0.0	R 27 6	R 37.0 R 37.6	0.0 0.0		0.0	0.0 0.0	(s) (s)	4.3	R 328.0 R 356.4	11 5.6 R 5.7	R 333.6 R 362.1
2021	(s) (s)	R 332.0	15.2	0.1	0.5 0.5	(s)	H 28.4	H 44.2	0.0	0.1	0.0	0.0	(s)	4.5	H 380.8	R 5.7 R 6.0	R 386.8
2022	(s)	375.0	15.3	0.1	0.6	(s)	27.6	43.6	0.0	0.2	0.0	0.0	(s)	4.7	423.4	6.4	429.8

a Includes supplemental gaseous fuels that are commingled with natural gas.

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.

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.

⁹ Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

Losses and co-products from the production of biodiesel and fuel ethanol.

Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in

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

Incurred in the generation, transmission, and distribution of électricity 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) = Physical unit value less than 0.5 or Btu value less than 0.05.

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/

A Table CT7. Transportation sector energy consumption estimates, selected years, 1960-2022, Alaska

1980							P	etroleum							
Thousand December Thousand barrels Thousand		Coal				HGL ^c	Jet fuel ^d	Lubricants			Total	Electricity ^f			
1970	Year						Thou	sand barrels					End use g,h	energy _.	Total ^{g,h}
1970	1960	4	(s)	1,032	528		1,972	3	1,527	15	5,077				
1975 (a) (b) 466 2.157 0 7.420 121 3.658 484 14.305 0	1965	1		293	789	(s)	3,005	40	2,113	66	6,307				
1895 0 5 489 6,783 14 15,231 86 4,964 19 26,596 0 1995 0 2 489 6,043 6 11,337 86 5,785 134 20,086 0 2000 0 7 8521 5,338 6 25,872 98 5,884 118 37,801 0 2000 0 7 8521 5,338 6 25,872 98 5,884 118 37,801 0 2000 0 3 277 7,509 4 31,944 81 6,583 27 46,046 0 2000 0 3 2,259 8,050 4 31,947 81 6,583 27 46,046 0 2000 0 2 2 20 7,186 1 2,3817 77,787 81 6,583 27 46,046 0 2000 0 2 2 217 7,987 1 18,747 81 6,583 27 46,046 0 2000 0 2 2 217 7,987 1 18,746 70 6,575 0 33,595 0 2010 0 3 169 7,388 1 18,855 102 6,518 39 37,993 0 2010 0 3 169 7,388 1 18,855 102 6,518 39 34,856 0 2010 0 3 169 7,388 1 18,855 102 6,518 39 34,856 0 2010 0 1 139 5,550 3 15,343 77 79 6,355 57 29,484 0 2010 0 3 169 7,388 1 1 18,850 102 6,518 39 34,856 0 2010 0 1 139 5,550 3 15,343 77 79 6,355 57 29,484 0 2010 0 1 139 5,550 3 15,343 77 6,199 0 27,280 0 2010 0 1 139 5,530 1 15,389 0 6,580 6,	1975	(s)		462 466	2.157	0		121	3.658	484	14 305				
1990 0 2 491 6,042 6 17,367 96 5,747 138 29,888 0	1980	0		498	2,605	4	9,618	94	3,306		16,125				
1995 0	1985	0	5	490	5,793		15,231	86	4,964 5.747	19	26,596	0			
2000 0 7 521 5.308 (s) 22.872 986 5.884 118 37.801 0	1995	0	2		6.053			92				0			
2006 0 3 2 250 8,065 4 31,747 81 6,530 27 46,704 0 2008 0 0 2 2 248 7,711 3 20,053 85 6,665 253 44,105 0 2008 0 0 2 2 2007 7,187 1 22,815 77 6,6516 183 37,858 0 0 2008 0 0 2 2 2007 7,187 1 18,281 77 6,6516 183 37,858 0 0 2008 0 0 2 2 2007 7,187 1 18,281 77 6,6516 183 37,858 0 0 2011 0 0 3 169 7,388 1 18,286 102 6,518 34 34,062 0 2011 0 0 3 169 7,388 1 18,284 1 18,242 100 6,321 69 32,355 0 0 2011 0 1 19,30 5,555 2 16,462 79 6,355 5 77 29,484 0 0 2011 0 1 19,30 5,555 3 1 16,242 100 6,321 69 32,355 0 0 2011 0 1 19,30 5,555 3 1 16,242 79 6,355 5 77 29,484 0 0 2011 0 1 19,30 5,555 3 3 16,348 77 4 6,189 1 0 27,260 0 0 2011 0 0 1 1 1250 5,988 3 1 16,482 77 4 6,189 1 0 27,260 0 0 2011 0 0 1 1 250 5,989 1 16,482 93 6,481 0 2,27,60 0 0 2011 0 0 1 1 250 5,989 1 16,482 93 6,481 0 2,27,60 0 0 2011 0 0 1 1 250 5,989 1 16,482 93 6,481 0 2,27,60 0 0 2011 0 0 1 1 250 5,989 1 16,482 93 6,481 0 0 2,27,60 0 0 2011 0 0 (a) 2,45 4,988 6 16,282 8 7,7 4 6,189 4 0 2,27,60 0 0 2011 0 0 (a) 2,45 4,988 6 16,282 8 7,7 4 6,575 0 0 8,28,60 0 0 2011 0 0 (a) 2,45 4,988 6 16,282 8 7,7 4 6,575 0 0 8,28,60 0 0 2011 0 0 (a) 2,50 5,50 5 5,	2000	•	7	521	5.308	(s)	25,872	98	5.884	118	37,801	•			
2007 0 2 248 7.771 3 220.53 83 6.685 283 44.105 0 2008 0 0 2 207 7.187 1 23.816 77 6.516 183 37.885 0 2010 0 3 169 7.388 1 19.890 102 6.518 34 34.062 0 2011 0 0 3 169 7.388 1 19.890 102 6.518 34 34.062 0 2012 0 0 4 159 7.643 1 16.242 100 6.321 69 32.535 0 2012 0 0 4 159 6.370 2 116.462 79 7.6516 57 29.484 0 0 2012 0 0 1 1 159 7.84 1 16.242 100 6.321 69 32.535 0 2012 0 0 1 1 159 7.84 1 16.242 100 6.321 69 32.535 0 2012 0 0 1 1 259 5.949 1 16.462 79 7.6516 0 2.2516 0 2015 0 1 1 259 5.949 1 16.462 93 6.481 0 29.245 0 2016 0 0 (8) 246 4.818 2 16.066 8 77 6.575 0 8 7.2948 0 0 2017 0 0 (8) 246 4.818 2 16.066 8 77 6.575 0 8 7.2948 0 0 2018 0 0 (8) 247 6.388 4 16.244 8 77 6.575 0 8 7.2948 0 0 2020 0 0 (8) 181 8.207 6.388 4 16.244 8 77 6.575 0 8 7.2948 0 0 2020 0 0 (8) 247 6.388 4 16.244 8 77 6.575 0 8 7.2948 0 0 2020 0 0 (8) 243 6.3618 2 16.064 8 77 6.575 0 8 7.2948 0 0 2020 0 0 (8) 213 6.215 3 21.146 77 6.585 0 8 7.2948 0 0 2020 0 0 (8) 213 6.215 3 21.146 77 6.585 0 8 7.2948 0 0 2020 0 0 (8) 213 6.215 3 21.146 77 6.585 0 8 7.295.00 0 0 2020 0 0 (8) 213 6.215 3 21.146 77 6.585 0 8 7.295.00 0 0 2020 0 0 (8) 213 6.215 3 21.146 77 6.585 0 8 7.295.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		•	•		7,509	4				12	46,407	•			
2008 0 2 200 7,186 1 23,817 77 6,518 193 37,933 0 2001 0 3 1677 7,868 1 18,848 10 6,575 0 33,595 0 2011 0 0 3 169 7,868 1 18,848 10 6,575 0 33,595 0 2011 0 0 3 169 7,868 1 18,848 10 6,575 0 33,595 0 2011 0 0 3 169 7,868 1 18,848 10 6,575 0 6,575 0 8,848 10 0 2011 0 0 1 1 139 6,550 3 1 15,343 77 6,616 0 0 27,280 0 0 2011 0 0 1 1 139 6,550 3 1 15,343 77 6,169 0 0 27,280 0 0 2011 0 0 1 1 139 6,550 3 1 15,343 77 6,169 0 0 27,280 0 0 2011 0 0 1 1 139 6,550 1 1 16,382 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2007			248	7,771	3	29,053	83	6.685	263	44.105				
2010 0 3 169 7,388 1 19,850 102 6,518 34 34,062 0 2011 0 0 3 159 7,643 1 18,4242 100 6,525 69 32,545 0 2012 0 0 4 199 6,550 2 16,442 79 6,355 57 22,480 0 2013 0 0 4 199 6,550 2 16,442 79 6,355 57 22,480 0 2014 0 0 (s) 130 5,738 1 15,389 84 6,564 0 27,767 0 0 2015 0 1 259 5,949 1 16,462 93 6,481 0 22,455 0 2016 0 (s) 246 4,818 2 16,026 872 6,715 0 \$2,468 0 0 2017 0 (s) 246 4,508 6 16,282 877 6,715 0 \$2,468 0 0 2017 0 (s) 246 4,508 6 16,282 877 6,575 0 \$2,468 0 0 2018 0 0 (s) 246 4,818 1 2 16,026 872 6,715 0 \$2,468 0 0 2019 0 0 (s) 247 6,598 4 16,498 8 16,582 8 17,76 6,785 0 \$2,468 0 0 2020 0 0 (s) 181 5,217 (s) 18,420 878 5,582 0 \$2,468 0 0 2021 0 0 (s) 247 6,598 4 18,420 878 5,582 0 \$2,468 0 0 2022 0 0 (s) 213 6,215 3 21,146 77 6,093 0 33,842 0 2022 0 0 (s) 213 6,215 3 21,146 77 6,093 0 33,842 0 2022 0 0 (s) 213 6,215 3 21,146 77 6,093 0 33,842 0 2024 0 0 (s) 213 6,215 3 21,146 77 6,093 0 33,842 0 0 2025 0 0 0 0 1,6 2,2 3,1 0,0 10,6 (s) 16,5 0,2 11,1 0,4 3,4 0,0 34,4 0,0 1975 (s) 17,4 2,3 5,8 (s) 37,7 0,4 11,9 0,9 58,0 0 0 7,9 0,0 1975 (s) 17,4 2,3 5,8 (s) 37,7 0,4 11,9 0,9 58,0 0 0 7,9 0,0 1975 (s) 17,4 2,3 5,8 (s) 37,7 0,4 11,9 0,9 58,0 0 0 7,9 0,0 1995 (s) 17,4 2,3 5,8 (s) 37,7 0,4 11,9 0,9 58,0 0 0 7,9 0,0 1995 (s) 17,4 2,3 5,8 (s) 37,7 0,4 11,9 0,9 58,0 0 0 7,9 0,0 1995 (s) 17,4 2,3 5,8 (s) 37,7 0,4 11,9 0,9 58,0 0 0 0 7,6 4 0,0 1995 (s) 17,4 2,3 5,8 (s) 37,7 0,4 11,9 0,9 58,0 0 0 0 7,6 4 0,0 1995 (s) 17,4 2,3 5,8 (s) 37,7 0,4 11,9 0,9 58,0 0 0 0 7,6 4 0,0 1995 (s) 17,4 2,3 5,8 (s) 37,7 0,1 1,5 8,8 (s) 37,7 0,4 11,9 0,9 58,0 0 0 0 7,6 4 0,0 19,0 0 0 1,6 1,5 2,5 3,5 2 (s) 9,9 9,0 0,6 36,0 0,7 17,1 0,0 18,9 0,0 19,9 0,0 1,5 2,5 3,5 2 (s) 9,9 9,0 0,6 36,0 0,7 17,1 0,0 18,9 0,0 19,9 0,0 1,4 2,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1	2008	0	2	200	7,186	1	23,817	77	6,518	193	37,993	0			
2011 0 3 159 7,643 1 18,242 100 6,321 69 32,535 0 2012 0 4 154 6,375 2 16,462 79 6,555 57 29,484 0 2013 0 1 1 139 5,550 3 15,343 77 6,169 0 27,2807 0 2013 0 1 1 139 5,550 3 15,343 77 6,169 0 27,2807 0 2013 0 1 1 139 5,550 3 15,343 77 6,169 0 27,2807 0 2014 0 1 1 139 5,550 3 15,343 77 6,169 0 27,2807 0 2014 0 1 1 139 5,550 3 1 15,343 77 6,169 0 27,2807 0 2014 0 1 1 139 5,550 3 1 15,343 77 6,169 0 27,2807 0 2014 0 1 1 1 250 5,950 5 1 16,604 87 2 6,715 0 8,750 0	2009	0	_		7,987	1	18,746	/0 102	6,5/5 6.518		33,595	•			
2013 0 1 189 5.550 3 15.443 77 6.169 0 27.280 0 2012 1 1 199 5.550 3 15.443 77 6.169 0 27.280 0 2015 0 1 190 5.738 1 15.389 1 15.389 8 1 15.389 6.481 0 27.907 0 2015 0 1 1 259 5.948 1 1 16.482 8 93 6.481 0 72.907 0 2015 0 1 1 259 5.948 1 1 16.482 8 93 6.481 0 72.907 0 0 2015 0 1 1 250 6.595 2 5 16.684 8 74 6.485 0 8 72.677 0 0 2018 0 1 1 250 6.952 5 1 16.684 8 74 6.485 0 8 72.677 0 0 2018 0 1 1 250 6.952 5 1 16.684 8 74 6.485 0 8 72.841 0 0 2019 0 0 (s) 247 6.398 4 16.449 8 87 6.376 0 8 72.9421 0 0 2020 0 0 (s) 181 8.217 (s) 18.420 8 78 5.632 0 8 72.528 0 0 2020 0 0 (s) 181 8.217 (s) 18.420 8 78 5.632 0 8 72.528 0 0 2020 0 0 (s) 213 6.215 3 21.146 77 6.098 0 33.842 0 0 2020 0 0 (s) 213 6.215 3 21.146 77 6.098 0 33.842 0 0 2020 0 0 0 0 0 0 0 0 0 0	2011	0	3	159	7,643	i		100	6,321	69	32,535	0			
2015 0 1 259 5,949 1 16,462 93 6,481 0 29.245 0 2017 0 (s) 246 4,618 2 16,026 772 6,715 0 72,077 0 (s) 245 4,908 6 16,282 771 6,575 0 72,8087 0 2017 0 (s) 245 4,908 6 16,282 771 6,575 0 72,8087 0 2017 0 (s) 245 4,908 6 16,282 771 6,575 0 72,8087 0 2017 0 (s) 247 6,338 4 16,442 77 6,386 0 72,924 0 0 2018 0 0 (s) 247 6,338 4 16,442 77 6,386 0 72,924 0 0 72,924 0 0 2018 0 0 (s) 247 6,338 1 14,420 77 6,381 1 14,420 1 14,420 77 6,381	2012	•	4	154	6,375		16,462	79	6,355	57	29,484	•			
2015 0 1 259 5,949 1 16,462 93 6,481 0 29.245 0 2017 0 (s) 246 4,618 2 16,026 772 6,715 0 72,077 0 (s) 245 4,908 6 16,282 771 6,575 0 72,8087 0 2017 0 (s) 245 4,908 6 16,282 771 6,575 0 72,8087 0 2017 0 (s) 245 4,908 6 16,282 771 6,575 0 72,8087 0 2017 0 (s) 247 6,338 4 16,442 77 6,386 0 72,924 0 0 2018 0 0 (s) 247 6,338 4 16,442 77 6,386 0 72,924 0 0 72,924 0 0 2018 0 0 (s) 247 6,338 1 14,420 77 6,381 1 14,420 1 14,420 77 6,381	2013	0	(e)	139	5,550 5,738	3	15,343	77	6,169	0	27,280	0			
2018 0 1 250 5,952 5 16,664 R74 6,485 0 R29,421 0 2020 0 (s) 247 6,398 4 16,449 R87 6,376 0 P29,561 0 2020 0 (s) 181 5,217 (s) 18,420 R78 5,632 0 P29,561 0 2020 0 (s) 181 5,217 (s) 18,420 R78 5,632 0 P39,568 0 2021 0 (s) 205 F5,915 2 22,349 R75 6,125 0 P34,764 0 2022 0 (s) 213 6,215 3 21,146 77 6,093 0 33,842 0 2022 0 (s) 213 6,215 3 21,146 77 6,093 0 33,842 0 2022 0 (s) 213 6,215 3 21,146 77 6,093 0 33,842 0 0 Trillion Btu Trillion Btu Trillion Btu 1960 0.1 (s) 5.2 3.1 0.0 10.6 (s) 8.0 0.1 27.1 0.0 27.1 0.0 19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6		0	1		5,730	i	16,462	93	6.481	0		0			
2018 0 1 250 5,952 5 16,664 R74 6,485 0 R29,421 0 2020 0 (s) 247 6,398 4 16,449 R87 6,376 0 P29,561 0 2020 0 (s) 181 5,217 (s) 18,420 R78 5,632 0 P29,561 0 2020 0 (s) 181 5,217 (s) 18,420 R78 5,632 0 P39,568 0 2021 0 (s) 205 F5,915 2 22,349 R75 6,125 0 P34,764 0 2022 0 (s) 213 6,215 3 21,146 77 6,093 0 33,842 0 2022 0 (s) 213 6,215 3 21,146 77 6,093 0 33,842 0 2022 0 (s) 213 6,215 3 21,146 77 6,093 0 33,842 0 0 Trillion Btu Trillion Btu Trillion Btu 1960 0.1 (s) 5.2 3.1 0.0 10.6 (s) 8.0 0.1 27.1 0.0 27.1 0.0 19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6	2016	Ō		246	4 618		16,026	R 72	6,715	•	R 27,679	Ō			
2019 0 (s) 247 6.398 4 16,449 R7 6.376 0 P.29,561 0 2021 0 (s) 205 R5.915 2 22,349 R75 6.632 0 R34,764 0 2021 0 (s) 205 R5.915 2 22,349 R75 6.125 0 R34,764 0 2022 0 (s) 213 6.215 3 21,146 77 6.093 0 83,842 0 Trillion Btu Trillion Btu 1960 0.1 (s) 5.2 3.1 0.0 10.6 (s) 8.0 0.1 27.1 0.0 27.1 0.0 1970 (s) 17.4 2.3 5.8 (s) 37.7 0.4 11.9 0.9 59.0 0.0 76.4 0.0 1970 (s) 17.4 2.3 5.8 (s) 37.7 0.4 11.9 0.9 59.0 0.0 76.4 0.0 1970 (s) 17.4 2.3 5.8 (s) 37.7 0.4 11.9 0.9 59.0 0.0 76.4 0.0 1980 0.0 0.1 2.4 12.6 0.0 41.7 0.7 19.2 3.0 79.6 0.0 79.7 0.0 1980 0.0 0.1 2.5 15.2 (s) 54.0 0.6 17.4 0.0 89.7 0.0 89.8 0.0 1990 0.0 1.6 2.5 35.2 (s) 54.0 0.6 17.4 0.0 89.7 0.0 89.8 0.0 1990 0.0 1.6 2.5 35.2 (s) 97.9 0.6 30.2 0.9 167.3 0.0 188.9 0.0 1990 0.0 1.6 2.5 35.2 (s) 97.9 0.6 30.2 0.9 167.3 0.0 188.9 0.0 1990 0.0 1.6 2.5 35.2 (s) 97.9 0.6 30.8 0.7 171.2 0.0 173.6 0.0 2000 0.0 7.6 2.6 30.9 (s) 146.7 0.6 30.6 0.7 212.2 0.0 219.7 0.0 2000 0.0 7.6 2.6 30.9 (s) 146.7 0.6 30.6 0.7 212.2 0.0 219.7 0.0 2000 0.0 7.6 2.6 30.9 (s) 146.7 0.6 30.6 0.7 212.2 0.0 219.7 0.0 2000 0.0 2.9 1.3 46.8 (s) 180.0 0.5 33.9 0.2 262.6 0.0 265.7 0.0 2006 0.0 2.9 1.3 46.8 (s) 180.0 0.5 33.9 0.2 262.6 0.0 265.7 0.0 2007 0.0 2.2 1.3 44.9 (s) 146.7 0.5 33.4 1.7 247.5 0.0 249.9 0.0 2008 0.0 2.1 1.0 41.5 (s) 135.0 0.5 33.9 0.2 189.9 0.0 193.2 0.0 2009 0.0 3.3 0.9 42.7 (s) 112.5 0.6 33.0 0.2 189.9 0.0 189.9 0.0 2010 0.0 3.3 0.9 42.7 (s) 112.5 0.6 33.0 0.2 189.9 0.0 189.9 0.0 2011 0.0 3.3 0.9 42.7 (s) 112.5 0.6 33.0 0.2 189.9 0.0 183.9 0.0 189.8 0.0 2011 0.0 0.3 3.0 0.9 42.7 (s) 112.5 0.6 33.0 0.0 185.5 0.0	2017	0	(s)	245	4,908		16,282	n 71 B 74	6,575		n 28,087 B 20,421	0			
2020 0 (s) 181	2019	•	(s)	247	6.398		16,449	R 87	6,465		n 29 561				
1960	2020	Ó	(s)	181	5,217	(s)	18,420	R 78	5,632		R 29,528	Ó			
Trillion Btu	2021 2022			205 213	ⁿ 5,915 6.215		22,349 21.146	ⁿ 75 77	6,125 6.093		ⁿ 34,764 33.842				
1965 (s) 0.0 1.5 4.6 (s) 16.5 0.2 11.1 0.4 34.4 0.0 34.4 0.0 1970 (s) 17.4 2.3 5.8 (s) 37.7 0.4 11.9 0.9 590 0.0 76.4 0.0 1975 (s) 0.1 2.4 12.6 0.0 41.7 0.7 19.2 3.0 79.6 0.0 79.7 0.0 1980 0.0 0.1 2.5 15.2 (s) 54.0 0.6 17.4 0.0 89.7 0.0 89.8 0.0 1985 0.0 5.2 2.5 33.7 0.1 85.8 0.5 26.1 0.1 148.8 0.0 153.9 0.0 1990 0.0 1.6 2.5 35.2 (s) 97.9 0.6 30.2 0.9 167.3 0.0 168.9 0.0 1995 0.0 2.4 2.0 35.2 (s) 95.9 0.6 36.8 0.7 171.2 0.0 173.6 0.0 168.9 0.0 2000 0.0 7.6 2.6 30.9 (s) 146.7 0.6 36.8 0.7 171.2 0.0 173.6 0.0 2000 0.0 2.7 1.4 43.7 (s) 181.1 0.5 34.2 0.1 261.0 0.0 263.7 0.0 2006 0.0 2.9 1.3 46.8 (s) 180.0 0.5 33.9 0.2 262.6 0.0 265.7 0.0 2006 0.0 2.9 1.3 46.8 (s) 180.0 0.5 33.9 0.2 262.6 0.0 265.7 0.0 2008 0.0 2.1 1.0 41.5 (s) 164.7 0.5 34.4 1.7 247.5 0.0 249.9 0.0 2008 0.0 2.1 1.0 41.5 (s) 163.0 0.5 33.3 1.2 212.6 0.0 214.9 0.0 2009 0.0 2.4 1.1 4.6 1 (s) 10.4 1.5 (s) 135.0 0.5 33.3 1.2 212.6 0.0 214.9 0.0 2009 0.0 2.4 1.1 4.1 4.1 (s) 10.4 1.5 (s) 135.0 0.5 33.3 1.2 212.6 0.0 214.9 0.0 2011 0.0 3.5 0.8 44.1 (s) 10.4 1.5 (s) 135.0 0.5 33.3 1.2 212.6 0.0 214.9 0.0					·		·	Tri	llion Btu		,				
1970 (s) 17.4 2.3 5.8 (s) 37.7 0.4 11.9 0.9 59.0 0.0 76.4 0.0 1975 (s) 0.1 2.4 12.6 0.0 41.7 0.7 19.2 3.0 79.6 0.0 79.7 0.0 1980 0.0 0.1 2.5 15.2 (s) 54.0 0.6 17.4 0.0 89.7 0.0 89.8 0.0 1985 0.0 5.2 2.5 33.7 0.1 85.8 0.5 26.1 0.1 148.8 0.0 153.9 0.0 1990 0.0 1.6 2.5 35.2 (s) 97.9 0.6 30.2 0.9 167.3 0.0 168.9 0.0 1995 0.0 2.4 2.0 35.2 (s) 95.9 0.6 36.8 0.7 171.2 0.0 173.6 0.0 1995 0.0 7.6 2.6 30.9 (s) 146.7 0.6 30.6 0.7 171.2 0.0 173.6 0.0 2000 0.0 2.7 1.4 43.7 (s) 181.1 0.5 34.2 0.1 261.0 0.0 263.7 0.0 2005 0.0 2.7 1.4 43.7 (s) 181.1 0.5 34.2 0.1 261.0 0.0 263.7 0.0 2006 0.0 2.9 1.3 46.8 (s) 180.0 0.5 33.9 0.2 262.6 0.0 265.7 0.0 2007 0.0 2.2 1.3 44.9 (s) 164.7 0.5 34.4 1.7 247.5 0.0 249.9 0.0 2008 0.0 2.1 1.0 41.5 (s) 135.0 0.5 33.3 1.2 212.6 0.0 249.9 0.0 2009 0.0 2.4 1.1 46.1 (s) 106.3 0.4 33.5 0.0 187.4 0.0 189.8 0.0 2010 0.0 3.3 0.9 42.7 (s) 112.5 0.6 33.0 0.2 189.9 0.0 193.2 0.0 2011 0.0 3.5 0.8 44.1 (s) 103.4 0.6 32.0 0.4 181.4 0.0 189.8 0.0 2012 0.0 4.0 0.8 36.8 (s) 93.3 0.5 32.2 0.4 163.9 0.0 167.9 0.0 2013 0.0 0.6 0.7 32.0 (s) 87.0 0.5 33.2 0.0 155.5 0.0 162.3 0.0 167.9 0.0 2014 0.0 0.3 5.0 8 44.1 (s) 103.4 0.6 32.0 0.4 181.4 0.0 184.8 0.0 2015 0.0 0.6 1.3 34.3 (s) 93.3 0.6 32.8 0.0 162.3 0.0 162.3 0.0 165.5 0.0 2016 0.0 0.5 1.2 26.6 (s) 90.9 70.4 33.9 0.0 155.5 0.0 7155.5 0.0 2017 0.0 0.3 1.2 28.3 (s) 92.3 70.4 33.9 0.0 155.5 0.0 7155.5 0.0 2017 0.0 0.6 6 1.3 34.3 (s) 94.3 1.2 8.8 0.0 155.5 0.0 7155.5 0.0	1960	0.1	(s)	5.2	3.1	0.0	10.6	(s)	8.0	0.1	27.1	0.0	27.1	0.0	27.1
1975 (s) 0.1 2.4 12.6 0.0 41.7 0.7 19.2 3.0 79.6 0.0 79.7 0.0 1980 0.0 0.1 2.5 15.2 (s) 54.0 0.6 17.4 0.0 89.7 0.0 89.8 0.0 1985 0.0 5.2 2.5 33.7 0.1 88.8 0.5 26.1 0.1 148.8 0.0 153.9 0.0 1990 0.0 1.6 2.5 35.2 (s) 97.9 0.6 30.2 0.9 167.3 0.0 168.9 0.0 1995 0.0 2.4 2.0 35.2 (s) 95.9 0.6 36.8 0.7 171.2 0.0 173.6 0.0 2000 0.0 7.6 2.6 30.9 (s) 146.7 0.6 30.6 0.7 171.2 0.0 173.6 0.0 2205 0.0 2.7 1.4 43.7 (s) 181.1 0.5 34.2 0.1 261.0 0.0 263.7 0.0 2006 0.0 2.9 1.3 46.8 (s) 180.0 0.5 33.9 0.2 262.6 0.0 263.7 0.0 2006 0.0 2.9 1.3 44.9 (s) 164.7 0.5 34.4 1.7 247.5 0.0 249.9 0.0 2008 0.0 2.1 1.0 41.5 (s) 163.0 0.5 33.9 1.2 212.6 0.0 214.9 0.0 2008 0.0 2.1 1.0 41.5 (s) 135.0 0.5 33.9 1.2 212.6 0.0 214.9 0.0 2009 0.0 2.4 1.1 46.1 (s) 106.3 0.4 33.5 0.0 187.4 0.0 189.8 0.0 2010 0.0 3.3 0.9 42.7 (s) 112.5 0.6 33.0 0.2 189.9 0.0 189.8 0.0 2011 0.0 3.5 0.8 44.1 (s) 106.3 0.4 33.5 0.0 187.4 0.0 189.8 0.0 2011 0.0 3.5 0.8 44.1 (s) 106.3 0.4 33.5 0.0 187.4 0.0 189.8 0.0 2011 0.0 3.5 0.8 44.1 (s) 106.3 0.4 0.6 32.0 0.4 181.4 0.0 189.8 0.0 2011 0.0 3.5 0.8 44.1 (s) 133.4 0.6 32.0 0.4 181.4 0.0 189.8 0.0 2012 0.0 4.0 0.8 36.8 (s) 93.3 0.5 32.2 0.4 163.9 0.0 167.9 0.0 2014 0.0 0.3 0.7 32.0 (s) 87.0 0.5 33.2 0.0 154.7 0.0 155.0 0.0 2015 0.0 0.6 1.3 34.3 (s) 93.3 0.5 32.2 0.0 153.1 0.0 154.7 0.0 155.0 0.0 2016 0.0 0.5 12 26.6 (s) 90.9 10.4 33.2 0.0 162.3 0.0 162.9 0.0 2017 0.0 0.5 12 26.6 (s) 90.9 10.4 33.2 0.0 153.1 0.0 153.5 0.0 153.5 0.0 162.9 0.0 2017 0.0 0.0 0.5 12 26.6 (s) 90.9 10.4 33.2 0.0 153.1 0.0 155.0 0.0 162.9 0.0 2017 0.0 0.0 0.5 12 26.6 (s) 90.9 10.4 33.2 0.0 153.1 0.0 153.5 0.0	1965	(s)	0.0	1.5	4.6	(s)	16.5	0.2	11.1	0.4	34.4	0.0	34.4	0.0	34.4
1980 0.0 0.1 2.5 15.2 (s) 54.0 0.6 17.4 0.0 89.7 0.0 89.8 0.0 1985 0.0 5.2 2.5 33.7 0.1 85.8 0.5 26.1 0.1 148.8 0.0 153.9 0.0 1990 0.0 1.6 2.5 35.2 (s) 97.9 0.6 30.2 0.9 167.3 0.0 168.9 0.0 1995 0.0 2.4 2.0 35.2 (s) 95.9 0.6 36.8 0.7 171.2 0.0 173.6 0.0 2000 0.0 7.6 2.6 30.9 (s) 146.7 0.6 30.6 0.7 212.2 0.0 219.7 0.0 2005 0.0 2.7 1.4 43.7 (s) 181.1 0.5 34.2 0.1 261.0 0.0 265.7 0.0 2006 0.0 2.9 1.3 46.8 (s) 180.0 0.5 33.9 0.2 262.6 0.0 265.7 0.0 2007 0.0 2.2 1.3 44.9 (s) 184.7 0.5 34.4 1.7 247.5 0.0 249.9 0.0 2008 0.0 2.1 1.0 41.5 (s) 135.0 0.5 33.3 1.2 212.6 0.0 214.9 0.0 2009 0.0 2.4 1.1 46.1 (s) 106.3 0.4 33.5 0.0 187.4 0.0 189.8 0.0 2010 0.0 3.3 0.9 42.7 (s) 112.5 0.6 33.0 0.2 189.9 0.0 193.2 0.0 2011 0.0 3.5 0.8 44.1 (s) 103.4 0.6 32.0 0.4 181.4 0.0 184.8 0.0 2012 0.0 4.0 0.8 36.8 (s) 93.3 0.5 32.2 0.4 163.9 0.0 167.9 0.0 2014 0.0 0.8 36.8 (s) 93.3 0.5 32.2 0.0 154.7 0.0 155.0 0.0 162.3 0.0 162.5 0.0 162.5 0.0 162.5 0.0 162.5 0.0 162.5 0.0 162.5 0.0 162.5 0.0 162.5 0.0 162.5 0.0 162.5 0.0 162.5 0.0 162.5 0.0 162.5 0.0 162.5 0.0 162.5 0.0 162.5 0.0 162.5 0.0 162.5 0.0 163.8 0.0 162.9 0.0 163.8 0.0 162.9 0.0 163.8 0.0 162.9 0.0 163.8 0.0 162.9 0.0 163.8 0.0 162.9 0.0 163.8 0.0 163.8 0.0 163.9 0.0 163.8 0.0 162.9 0.0 163.8 0.0 163.9 0.0 163.8 0.0 163.9 0.0 163.5 0.0 163.8 0.0 163.9 0.0 163.5 0.0 163.8 0.0 163.9 0.0 163.9 0.0 163.5 0.0 163.9 0.0 163.9 0.0 163.5 0.0 163.9 0.0 163.9 0.0 163.5 0.0 163.9 0.0 163.8 0.0 163.9 0.0 163.9 0.0 163.8 0.0 163.9 0.0 163.9 0.0 163.8 0.0 163.9 0.0 163.9 0.0 163.9 0.0 163.9 0.0 163.9 0.0 163.8 0.0 163.9 0.0 163.8 0.0 163.9 0.0 163.9 0.0 163.8 0.0 163.9 0.0 163.8 0.0 163.9 0.0 163.8 0.0 163.9 0.0 163.8 0.0 163.9 0.0 163.8 0.0 163.9 0.0 163.8 0.0 163.9 0.0 163.8 0.0 163.9 0.0 163.9 0.0 163.8 0.0 163.9 0.0 163.8 0.0 163.9 0.0 163.8 0.0 163.9 0.	1970			2.3	5.6 12.6	(s) 0.0					59.0 79.6				76.4 79.7
1990 0.0 1.6 2.5 35.2 (s) 97.9 0.6 30.2 0.9 167.3 0.0 188.9 0.0 1995 0.0 2.4 2.0 35.2 (s) 95.9 0.6 36.8 0.7 171.2 0.0 173.6 0.0 2000 0.0 7.6 2.6 30.9 (s) 146.7 0.6 30.6 0.7 212.2 0.0 219.7 0.0 2005 0.0 2.7 1.4 43.7 (s) 181.1 0.5 34.2 0.1 261.0 0.0 263.7 0.0 2006 0.0 2.9 1.3 46.8 (s) 180.0 0.5 33.9 0.2 262.6 0.0 265.7 0.0 2007 0.0 2.2 1.3 44.9 (s) 164.7 0.5 34.4 1.7 247.5 0.0 249.9 0.0 2008 0.0 2.1 1.0 41.5 (s) 135.0 0.5 33.3 1.2 212.6 0.0 214.9 0.0 2009 0.0 2.4 1.1 46.1 (s) 106.3 0.4 33.5 0.0 187.4 0.0 189.8 0.0 2010 0.0 3.3 0.9 42.7 (s) 112.5 0.6 33.0 0.2 189.9 0.0 193.2 0.0 2011 0.0 3.5 0.8 44.1 (s) 103.4 0.6 32.0 0.4 181.4 0.0 184.8 0.0 2012 0.0 4.0 0.8 36.8 (s) 93.3 0.5 32.2 0.4 163.9 0.0 187.4 0.0 184.8 0.0 2012 0.0 4.0 0.8 36.8 (s) 93.3 0.5 32.2 0.4 163.9 0.0 167.9 0.0 2014 0.0 0.3 0.7 32.0 (s) 87.0 0.5 31.2 0.0 151.4 0.0 151.4 0.0 151.9 0.0 2014 0.0 0.3 0.7 32.0 (s) 87.0 0.5 31.2 0.0 152.1 0.0 153.1 0.0 162.9 0.0 2015 0.0 0.6 1.3 34.3 (s) 93.3 0.6 32.8 0.0 153.1 0.0 153.1 0.0 153.8 0.0 2016 0.0 0.3 1.2 28.3 (s) 92.3 80.4 33.9 0.0 155.5 0.0 185.8 0.0 2018 0.0 153.1 0.0 155.8 0.0 2017 0.0 0.3 1.2 28.3 (s) 92.3 80.4 33.9 0.0 155.5 0.0 155.8 0.0 163.8 0.0 2018 0.0 0.0 153.8 0.0 163.8 0.0 2018 0.0 0.0 153.8 0.0 163.8 0.0 2018 0.0 0.0 153.8 0.0 163.8 0.0 2018 0.0 0.0 153.8 0.0 163.8 0.0 2017 0.0 0.0 0.3 1.2 28.3 (s) 92.3 80.4 80.4 33.2 0.0 155.5 0.0 155.8 0.0 2018 0.0 0.0 155.8 0.0 155.8 0.0 2017 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	1980	0.0	0.1	2.5	15.2	(s)	54.0	0.6	17.4	0.0	89 7	0.0	89.8	0.0	89.8
2000 0.0 7.6 2.6 30.9 (s) 146.7 0.6 30.6 0.7 212.2 0.0 219.7 0.0 2005 0.0 2.7 1.4 43.7 (s) 181.1 0.5 34.2 0.1 261.0 0.0 265.7 0.0 2006 0.0 2.9 1.3 46.8 (s) 180.0 0.5 33.9 0.2 262.6 0.0 265.7 0.0 2007 0.0 2.2 1.3 44.9 (s) 164.7 0.5 34.4 1.7 247.5 0.0 249.9 0.0 2008 0.0 2.1 1.0 41.5 (s) 135.0 0.5 33.3 1.2 212.6 0.0 214.9 0.0 2009 0.0 2.4 1.1 46.1 (s) 106.3 0.4 33.5 0.0 187.4 0.0 189.8 0.0 2011 0.0 3.5 0.8 44.1 </td <td></td> <td></td> <td></td> <td>2.5</td> <td>33.7</td> <td>0.1</td> <td></td> <td></td> <td></td> <td></td> <td>148.8</td> <td></td> <td></td> <td></td> <td>153.9 168.9</td>				2.5	33.7	0.1					148.8				153.9 168.9
2000 0.0 7.6 2.6 30.9 (s) 146.7 0.6 30.6 0.7 212.2 0.0 219.7 0.0 2005 0.0 2.7 1.4 43.7 (s) 181.1 0.5 34.2 0.1 261.0 0.0 265.7 0.0 2006 0.0 2.9 1.3 46.8 (s) 180.0 0.5 33.9 0.2 262.6 0.0 265.7 0.0 2007 0.0 2.2 1.3 44.9 (s) 164.7 0.5 34.4 1.7 247.5 0.0 249.9 0.0 2008 0.0 2.1 1.0 41.5 (s) 135.0 0.5 33.3 1.2 212.6 0.0 214.9 0.0 2009 0.0 2.4 1.1 46.1 (s) 106.3 0.4 33.5 0.0 187.4 0.0 189.8 0.0 2011 0.0 3.5 0.8 44.1 </td <td>1990</td> <td>0.0</td> <td>2.4</td> <td>2.5 2.0</td> <td>35.2 35.2</td> <td>(S)</td> <td>97.9 95.9</td> <td>0.6</td> <td>30.2 36.8</td> <td>0.9</td> <td>107.3</td> <td>0.0</td> <td>173.6</td> <td>0.0</td> <td>173.6</td>	1990	0.0	2.4	2.5 2.0	35.2 35.2	(S)	97.9 95.9	0.6	30.2 36.8	0.9	107.3	0.0	173.6	0.0	173.6
2006 0.0 2.9 1.3 46.8 (s) 180.0 0.5 33.9 0.2 262.6 0.0 225.7 0.0 2007 0.0 2.2 1.3 44.9 (s) 164.7 0.5 34.4 1.7 247.5 0.0 249.9 0.0 2008 0.0 2.1 1.0 41.5 (s) 135.0 0.5 33.3 1.2 212.6 0.0 214.9 0.0 2009 0.0 2.4 1.1 46.1 (s) 106.3 0.4 33.5 0.0 187.4 0.0 189.8 0.0 2010 0.0 3.3 0.9 42.7 (s) 112.5 0.6 33.0 0.2 189.9 0.0 199.2 0.0 2011 0.0 3.5 0.8 44.1 (s) 103.4 0.6 32.0 0.4 181.4 0.0 184.8 0.0 2012 0.0 4.0 0.8 36.8 </td <td>2000</td> <td>0.0</td> <td>7.6</td> <td>2.6</td> <td>30.9</td> <td>(s)</td> <td>146.7</td> <td>0.6</td> <td>30.6</td> <td>0.7</td> <td>212.2</td> <td>0.0</td> <td>219.7</td> <td>0.0</td> <td>219.7</td>	2000	0.0	7.6	2.6	30.9	(s)	146.7	0.6	30.6	0.7	212.2	0.0	219.7	0.0	219.7
2009 0.0 2.4 1.1 46.1 (s) 106.3 0.4 33.5 0.0 187.4 0.0 189.8 0.0 2010 0.0 3.3 0.9 42.7 (s) 112.5 0.6 33.0 0.2 189.9 0.0 193.2 0.0 2011 0.0 3.5 0.8 44.1 (s) 103.4 0.6 32.0 0.4 181.4 0.0 184.8 0.0 2012 0.0 4.0 0.8 36.8 (s) 93.3 0.5 32.2 0.4 163.9 0.0 167.9 0.0 2013 0.0 0.6 0.7 32.0 (s) 87.0 0.5 31.2 0.0 151.4 0.0 151.4 0.0 151.9 0.0 2014 0.0 0.3 0.7 33.1 (s) 87.3 0.5 33.2 0.0 154.7 0.0 151.9 0.0 2014 0.0 0.6 1.3 34.3 (s) 93.3 0.6 32.8 0.0 162.3 0.0 162.9 0.0 2016 0.0 0.5 1.2 26.6 (s) 90.9 80.4 33.9 0.0 153.1 0.0 8153.5 0.0 2017 0.0 0.3 1.2 28.3 (s) 92.3 80.4 33.2 0.0 1563.2 0.0 1555.8 0.0 2018 0.0 0.0 0.5 1.2 28.3 (s) 92.3 80.4 33.2 0.0 1563.2 0.0 163.8 0.0 2018 0.0 163.8 0.0 2018 0.0 0.0 163.8 0.0 163.8 0.0 2018 0.0 0.0 163.8 0.0 2018 0.0 0.0 163.8 0.0 2018 0.0 2018 0.0 0.0 163.8 0.0 2018 0.0 2018 0.0 0.0 163.8 0.0 2018 0.0 2018 0.0 0.0 163.8 0.0 2018 0.0 2018 0.0 2018 0.0 0.0 163.8 0.0 2018	2005	0.0	2.7	1.4	43.7			0.5	34.2	0.1	261.0		263.7	0.0	263.7 265.7
2009 0.0 2.4 1.1 46.1 (s) 106.3 0.4 33.5 0.0 187.4 0.0 189.8 0.0 2010 0.0 3.3 0.9 42.7 (s) 112.5 0.6 33.0 0.2 189.9 0.0 193.2 0.0 2011 0.0 3.5 0.8 44.1 (s) 103.4 0.6 32.0 0.4 181.4 0.0 184.8 0.0 2012 0.0 4.0 0.8 36.8 (s) 93.3 0.5 32.2 0.4 163.9 0.0 167.9 0.0 2013 0.0 0.6 0.7 32.0 (s) 87.0 0.5 31.2 0.0 151.4 0.0 151.4 0.0 151.9 0.0 2014 0.0 0.3 0.7 33.1 (s) 87.3 0.5 33.2 0.0 154.7 0.0 151.9 0.0 2014 0.0 0.6 1.3 34.3 (s) 93.3 0.6 32.8 0.0 162.3 0.0 162.9 0.0 2016 0.0 0.5 1.2 26.6 (s) 90.9 80.4 33.9 0.0 153.1 0.0 8153.5 0.0 2017 0.0 0.3 1.2 28.3 (s) 92.3 80.4 33.2 0.0 1563.2 0.0 1555.8 0.0 2018 0.0 0.0 0.5 1.2 28.3 (s) 92.3 80.4 33.2 0.0 1563.2 0.0 163.8 0.0 2018 0.0 163.8 0.0 2018 0.0 0.0 163.8 0.0 163.8 0.0 2018 0.0 0.0 163.8 0.0 2018 0.0 0.0 163.8 0.0 2018 0.0 2018 0.0 0.0 163.8 0.0 2018 0.0 2018 0.0 0.0 163.8 0.0 2018 0.0 2018 0.0 0.0 163.8 0.0 2018 0.0 2018 0.0 2018 0.0 0.0 163.8 0.0 2018	2007	0.0	2.9		44.9		164.7	0.5	34.4	1.7	247.5		249.9	0.0	249.9
2011 0.0 3.5 0.8 44.1 (s) 103.4 0.6 32.0 0.4 181.4 0.0 184.8 0.0 2012 0.0 4.0 0.8 36.8 (s) 93.3 0.5 32.2 0.4 163.9 0.0 167.9 0.0 2013 0.0 0.6 0.7 32.0 (s) 87.0 0.5 31.2 0.0 151.4 0.0 151.9 0.0 2014 0.0 0.3 0.7 33.1 (s) 87.3 0.5 33.2 0.0 154.7 0.0 155.0 0.0 2015 0.0 0.6 1.3 34.3 (s) 87.3 0.5 33.2 0.0 154.7 0.0 155.0 0.0 2016 0.0 0.5 1.2 26.6 (s) 90.9 90.9 90.4 33.9 0.0 153.1 0.0 162.9 0.0 2017 0.0 0.3 1.2 28.3 (s) 92.3 90.4 33.2 0.0 155.5 0.0 155.8 0.0 2018 0.0 0.0 0.6 1.3 34.3 (s) 92.3 90.4 33.2 0.0 155.5 0.0 163.8 0.0	2008	0.0	2.1	1.0	41.5	(s)	135.0	0.5	33.3	1.2	212.6	0.0	214.9	0.0	214.9
2011 0.0 3.5 0.8 44.1 (s) 103.4 0.6 32.0 0.4 181.4 0.0 184.8 0.0 2012 0.0 4.0 0.8 36.8 (s) 93.3 0.5 32.2 0.4 163.9 0.0 167.9 0.0 2013 0.0 0.6 0.7 32.0 (s) 87.0 0.5 31.2 0.0 151.4 0.0 151.9 0.0 2014 0.0 0.3 0.7 33.1 (s) 87.3 0.5 33.2 0.0 154.7 0.0 155.0 0.0 2015 0.0 0.6 1.3 34.3 (s) 87.3 0.5 33.2 0.0 154.7 0.0 155.0 0.0 2016 0.0 0.5 1.2 26.6 (s) 90.9 90.9 90.4 33.9 0.0 153.1 0.0 162.9 0.0 2017 0.0 0.3 1.2 28.3 (s) 92.3 90.4 33.2 0.0 155.5 0.0 155.8 0.0 2018 0.0 0.0 0.6 1.3 34.3 (s) 92.3 90.4 33.2 0.0 155.5 0.0 163.8 0.0	2009	0.0	2.4	1.1	46.1	(s)	106.3	0.4	33.5	0.0	187.4	0.0	189.8	0.0	189.8 193.2
2012 0.0 4.0 0.8 36.8 (s) 93.3 0.5 32.2 0.4 163.9 0.0 167.9 0.0 2013 0.0 0.6 0.7 32.0 (s) 87.0 0.5 31.2 0.0 151.4 0.0 151.9 0.0 2014 0.0 0.3 0.7 33.1 (s) 87.3 0.5 33.2 0.0 154.7 0.0 155.0 0.0 2015 0.0 0.6 1.3 34.3 (s) 93.3 0.6 32.8 0.0 162.3 0.0 162.9 0.0 2016 0.0 0.5 1.2 26.6 (s) 90.9 P.0.4 33.9 0.0 153.1 0.0 P.153.5 0.0 2017 0.0 0.3 1.2 28.3 (s) 92.3 P.0.4 33.2 0.0 155.5 0.0 P.153.8 0.0 2018 0.0 0.0 0.6 1.3 34.3 (s) 94.4 P.0.4 33.2 0.0 1563.2 0.0 158.8 0.0			3.3		42.7				33.0						184.8
2014 0.0 0.3 0.7 33.1 (s) 87.3 0.5 33.2 0.0 154.7 0.0 155.0 0.0 2015 0.0 0.6 1.3 34.3 (s) 93.3 0.6 32.8 0.0 162.3 0.0 162.9 0.0 2016 0.0 0.5 1.2 26.6 (s) 90.9 P0.4 33.9 0.0 153.1 0.0 P153.5 0.0 2017 0.0 0.3 1.2 28.3 (s) 92.3 P0.4 33.2 0.0 155.5 0.0 P155.8 0.0 2018 0.0 0.0 0.6 1.3 34.3 (s) 94.4 P0.4 32.8 0.0 P163.2 0.0 163.8 0.0	2012	0.0	4.0	0.8	36.8	(s)	93.3	0.5	32.2	0.4	163.9	0.0	167.9	0.0	167.9
2015 0.0 0.6 1.3 34.3 (s) 93.3 0.6 32.8 0.0 162.3 0.0 162.9 0.0 2016 0.0 0.5 1.2 26.6 (s) 90.9 R _{0.4} 33.9 0.0 153.1 0.0 R _{153.5} 0.0 2017 0.0 0.3 1.2 28.3 (s) 92.3 R _{0.4} 33.2 0.0 155.5 0.0 R _{155.5} 0.0 R _{155.5} 0.0 R _{155.6} 0.0 R _{156.6}			0.6		32.0			0.5	31.2						151.9 155.0
2018 00 06 13 343 (s) 944 H04 328 00 H1632 00 1638 00	2015	0.0	0.3	1.3	34.3		93.3	0.6	33.2 32.8		162.3		162 9	0.0	162.9
2018 00 06 13 343 (s) 944 H04 328 00 H1632 00 1638 00	2016	0.0	0.5	1.2	26.6	(s)	90.9	R 0.4	33.9	0.0	153.1	0.0	R 153.5	0.0	162.9 R 153.5 R 155.8
2019 0.0 0.4 1.2 36.8 (s) 93.3 0.5 32.2 0.0 164.1 0.0 164.5 0.0				1.2				H 0.4	33.2		155.5 B 162.0		^{rt} 155.8		^H 155.8 163.8
2 0.0 0.0 0.0					34.3 36.8			0.5	32.8 32.2		164.1		164.5		164.5
2020 0.0 0.4 0.9 30.0 (s) 104.4 0.5 28.5 0.0 164.3 0.0 164.7 0.0	2020	0.0	0.4	0.9	30.0	(s)	104.4	0.5	28.5	0.0	164.3	0.0	164.7	0.0	164.7
2021 0.0 0.5 1.0 R34.1 (s) 126.7 R0.5 30.9 0.0 R193.7 0.0 R194.2 0.0 2022 0.0 0.5 1.1 35.8 (s) 119.9 0.5 30.8 0.0 188.6 0.0 189.0 0.0	2021	0.0	0.5	1.0	^H 34.1	(s)	126.7	H 0.5	30.9	0.0	^H 193.7		^H 194.2	0.0	R 194.2 189.0
2.02	2022	0.0	0.5	1.1	00.0	(5)	113.9	0.3	50.6	0.0	100.0	0.0	109.0	0.0	105.0

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 into 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." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes, see technical notes.

e Beginning in 1993, includes fuel ethanol blended into motor gasoline.

f 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.

⁹ There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.

^h For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.
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.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

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.

Information Administration. State Energy Data 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, 1960-2022, Alaska

				Petro	leum				Biomass				- 1	
	Coal	Natural gas ^a	Distillate fuel oil ^b	Petroleum coke	Residual fuel oil ^c	Total	Nuclear electric power	Hydroelectric power d		Geothermal ^f	Solar ^{f,g}	Wind ^f	Electricity net imports ^h	
Year	Thousand short tons	Billion cubic feet		Thousan	d barrels		Million kil	owatthours	Wood and waste ^{e,f}		Million k	ilowatthours		Total ^{f,i}
1960	52	0	95	0	3	99	0	290		0	NA	NA	0	
1965 1970	52 151 249	2 8	95 308 394	0	4	312 399	0	290 350 363		0	NA NA	NA NA	0 (s)	
1975	257 273	20 29	694 538	0	ĭ	696 891	Ō	357 539		0	NA	NA	0	
1980 1985	296	34	518	0	353 476	994	0	748		0	NA 0	NA (s)	0	
1990 1995	290 293	34 30	486 592	0	171	658 849	0	975		0	0	0	1	
2000	293 500	36	415	0	257 670	1.085	0	1,372 1,002		0	0	0	1	
2005 2006	500 398 408 414	36 39 43 41	538 586	0	696 682	1,234 1,268	0	1,464 1,224		0	0	1	1	
2007	414	43	633 651	0	471	1,105	0	1,291		0	0	i	1	
2008 2009	427 437	43 38 40 42 40	651 594	0	197 546	848 1,140	0	1,172 1,324		0	0	(s) 7	1	
2010	410	40	489 568	0	306 232	795	0	1,433		0	0	13	i	
2011 2012	409 427	42 40	568 510	0	232 376	800 886	0	1,345 1,575		0	0	12 37	1	
2013	400 655	34 32	560 507	0	94	654 626	0	1,435 1,539		Ö	0	145 152	i	
2014 2015	655 731	32 30	507 581	0	119 116	626 697	0	1,539 1,569		0	0	152 160	0	
2016	731 644 623	28	807	0	0	807	0	1,491		0	0	169	(s)	
2017	623 702	30 28 29 25 24	880 844	0	0	880 844	0	1,462		0	0	142 155	1	
2018 2019	702 745	24	871	0	Ö	871	Ö	1,489 1,493		Ö	0	155 143	Ó	
2020 2021	777 761	23 26 27	1,012 853	0	0	1,012 853	0	1,602 1,520		0	0	129 132	0	
2022	760	27	853 804	ő	Ö	853 804	Ŏ	1,520 1,530		ő	Ö	139	ő	
							Trillion Btu							
1960 1965	0.9 2.7	0.0 2.2 8.2	0.6 1.8	0.0 0.0	(s) (s)	0.6 1.8	0.0 0.0	R 1.0 R 1.2	0.0 0.0	0.0 0.0	NA NA	NA NA	0.0 0.0	R 2.5 R 7.9
1970	4.3	8.2	2.3 4.0	0.0	(s)	2.3	0.0	R 1.2	0.0	0.0	NA	NA	(s) 0.0	H 16.1
1975 1980	4.3 4.5 4.3 4.7	19.7 28.9	4.0 3.1	0.0 0.0	(s) 2.2	4.1 5.4	0.0 0.0	R 1.2 R 1.2 R 1.8	0.0 0.0	0.0 0.0	NA NA	NA NA	0.0 0.0	R 29.5 R 40.4
1985	4.7	34 4	3.0	0.0	3.0	6.0	0.0	н 2 6	0.0	0.0	0.0	(s)	0.0	H 47 6
1990 1995	4.6 4.6	35.3 29.9	2.8 3.4	0.0 0.0	1.1 1.6	3.9 5.1	0.0 0.0	R 3.3 R 4.7	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	(s) (s)	R 47.1 R 44.3
2000	8.3	35.7 39.5	2.4	0.0	4.2	6.6	0.0	R 3.4	0.0	0.0	0.0	0.0	(s)	H 54 0
2005 2006	6.1 6.2	39.5 43.6	2.4 3.1 3.4	0.0 0.0	4.4 4.3	7.5 7.7	0.0 0.0	R 3.4 R 5.0 R 4.2	0.0 0.0	0.0 0.0	0.0 0.0	(s) (s)	(s) (s)	R 58.1 R 61.7
2007	6.2 6.2	41.2	3.7 3.8	0.0	3.0	6.6 5.0	0.0	H44	0.0	0.0	0.0	(s)	(s)	R 58.5 R 58.6
2008 2009	6.2 6.3	43.4 38.3	3.8 3.4	0.0 0.0	1.2 3.4	5.0 6.9	0.0 0.0	R 4.0 R 4.5	0.0 0.0	0.0 0.0	0.0 0.0	(s) R (s)	(s) (s)	H 56 1
2010	6.0	40.0 42.3	2.8	0.0	1.9	4.7	0.0	R 4.9 R 4.6	0.0	0.0	0.0	R (s)	(s)	R 55.6 R 57.7
2011 2012	6.0 6.3	42.3 40.3	3.3 2.9	0.0 0.0	1.5 2.4	4.7 5.3	0.0 0.0	R 5.4	0.0 0.0	0.0 0.0	0.0 0.0	R (s)	(s) (s)	H 57 4
2013	6.3 5.9	40.3 34.0	3.2	0.0	2.4 0.6	5.3 3.8	0.0	R 5.4 R 4.9	0.0	0.0	0.0	R 0.5	(s) (s) 0.0	R 49 1
2014 2015	9.9 11.0	32.0 30.2 28.2	3.4 2.8 3.3 2.9 3.2 2.9 3.3 4.6	0.0 0.0	0.7 0.7	3.7 4.1	0.0 0.0	R 5.3 R 5.4	0.0 0.0	0.0 0.0	0.0 0.0	R 0.5	0.0	R 51.3 R 51.2 R 48.2
2016	9.6	28.2	4.6	0.0	0.0	4.6	0.0	R 5.1	0.0	0.0	0.0	R (s) R 0.1 R 0.5 R 0.5 R 0.6 R 0.6 R 0.5 R 0.5	(s)	R 48.2 R 48.7
2017 2018	9.2 10.4	29.0 25.4	5.1 4.9	0.0 0.0	0.0 0.0	5.1 4.9	0.0 0.0	R 5.1	0.0 0.0	0.0 0.0	0.0 0.0	R 0.5	(s) (s)	R 46.2
2019 2020	11.0	24 4	5.0 5.8	0.0	0.0	5.0 5.8	0.0 0.0	R 5.1	0.0 0.0	0.0	0.0	R 0.5 R 0.4	0.0	R 46.1 R 46.0
2020 2021 2022	11.4 11.3	22.9 25.5 26.8	4.9	0.0 0.0	0.0 0.0 0.0	4.9	0.0 0.0 0.0	R 5.1 R 5.1 R 5.5 R 5.2 5.2	0.0	0.0 0.0	0.0 0.0 0.0	R 0.5 0.5	0.0 0.0 0.0	R 47.4
2022	11.3	26.8	4.6	0.0	0.0	4.6	0.0	5.2	0.0	0.0	0.0	0.5	0.0	48.5

^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.
Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately

Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
 There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
 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. 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) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

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/