Table CT1. Energy Consumption Estimates for Major Energy Sources in Physical Units, Selected Years, 1960-2014, Hawaii

Year	Coal	Natural Gas [a]	Petroleum							Nuclear Electric Power	Hydro-electric Power [f]	Fuel Ethanol [g]
			Distillate Fuel Oil	Jet Fuel [b]	LPG [c]	Motor Gasoline [d]	Residual Fuel Oil	Other [e]	Total			
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels							Million Kilowatthours		Thousand Barrels
1960	0	0	886	4,321	112	3,429	4,766	3,331	16,844	0	27	NA
1965	0	0	1,612	7,618	219	4,082	7,230	1,717	22,478	0	105	NA
1970	0	0	1,695	14,273	938	5,691	10,154	1,354	34,105	0	108	NA
1971	0	0	1,709	16,302	963	5,872	10,701	1,186	36,734	0	89	NA
1972	0	0	1,776	16,244	945	6,202	11,338	1,248	37,753	0	91	NA
1973	0	0	1,837	16,511	942	6,608	11,575	1,354	38,826	0	95	NA
1974	0	0	1,951	14,887	966	6,543	11,122	1,270	36,739	0	92	NA
1975	0	0	1,948	14,849	872	6,766	11,255	1,408	37,097	0	89	NA
1976	0	0	2,337	14,202	1,036	7,029	11,871	1,570	38,047	0	93	NA
1977	0	0	2,865	14,875	877	7,406	12,695	1,608	40,326	0	86	NA
1978	0	0	3,567	14,861	702	7,639	12,556	1,620	40,945	0	84	NA
1979	0	0	6,567	15,276	1,583	7,506	12,167	1,560	44,660	0	90	NA
1980	0	3	5,987	14,116	1,573	7,231	13,196	1,459	43,562	0	86	NA
1981	0	3	6,021	10,028	1,337	7,185	13,160	1,080	38,811	0	80	4
1982	47	3	4,545	7,472	2,104	7,261	13,292	1,032	35,706	0	90	1
1983	42	3	2,326	11,271	2,102	7,240	12,148	1,204	36,291	0	84	0
1984	38	2	2,735	12,946	121	7,528	12,796	1,172	37,297	0	82	0
1985	46	2	4,526	13,260	133	7,594	13,185	1,308	40,006	0	86	0
1986	16	2	4,627	10,176	126	7,878	14,326	1,910	39,044	0	78	0
1987	63	3	3,685	11,481	157	8,186	13,595	2,287	39,389	0	82	0
1988	50	3	5,631	11,972	178	8,476	16,935	2,709	45,902	0	81	0
1989	32	3	5,745	13,239	186	8,754	17,355	2,742	48,021	0	56	0
1990	29	3	6,489	12,646	178	8,670	19,067	2,965	50,015	0	80	0
1991	45	3	7,210	11,123	214	8,970	15,599	2,641	45,758	0	71	0
1992	303	3	6,219	9,993	651	8,870	17,856	3,067	46,655	0	61	0
1993	691	3	5,929	8,891	884	9,060	13,845	2,782	41,392	0	56	0
1994	704	3	6,321	9,472	1,619	9,343	15,120	2,967	44,843	0	139	0
1995	895	3	5,787	9,940	1,316	9,416	14,473	2,909	43,842	0	98	0
1996	930	3	4,950	10,087	1,319	9,374	12,667	3,233	41,631	0	104	0
1997	933	3	4,640	10,221	241	9,358	12,218	3,152	39,829	0	115	0
1998	822	3	4,451	9,999	844	9,342	13,243	2,613	40,493	0	121	0
1999	801	3	5,314	9,474	376	8,953	12,945	2,601	39,662	0	115	0
2000	816	3	5,094	9,438	562	9,289	13,520	2,688	40,591	0	103	0
2001	829	3	6,040	8,895	582	9,710	13,284	2,969	41,479	0	101	0
2002	748	3	8,086	10,189	770	10,419	12,738	2,569	44,772	0	95	0
2003	R 784	3	8,206	12,708	492	10,597	12,079	2,779	46,861	0	91	0
2004	R 797	3	8,634	13,379	462	10,741	13,110	2,772	49,098	0	94	0
2005	R 740	3	7,307	16,372	432	10,978	13,210	2,968	51,267	0	96	341
2006	R 714	3	6,691	15,334	471	11,533	14,687	2,848	51,564	0	120	390
2007	R 764	3	9,294	12,756	419	11,348	16,318	2,770	52,905	0	92	497
2008	R 840	3	5,501	10,702	674	10,675	12,421	2,423	42,397	0	84	918
2009	R 791	3	6,053	9,303	819	10,834	12,384	R 3,080	R 42,472	0	113	1,051
2010	803	3	6,856	9,837	827	9,993	11,889	R 3,327	R 42,729	0	70	803
2011	783	3	6,314	10,948	R 889	11,145	11,710	R 3,327	R 44,334	0	93	931
2012	803	3	6,099	11,311	897	10,586	10,726	R 3,129	R 42,749	0	115	845
2013	753	3	5,719	11,323	837	R 10,746	10,378	R 3,293	R 42,296	0	78	R 873
2014	831	3	4,362	12,922	832	10,667	9,871	3,069	41,724	0	94	937

[a] Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
[b] 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."
[c] Liquefied petroleum gases, includes ethane and olefins.
[d] Motor gasoline as it is consumed; includes fuel ethanol blended into motor gasoline.
[e] Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."
[f] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
[g] Includes denaturant. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.
NA = Not available.
Where shown, R = Revised data and (s) = Value less than 0.5.
Note: Totals may not equal sum of components due to independent rounding.
Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2014, Hawaii

(Trillion Btu)

Year	Fossil Fuels										Fossil Fuels (as commingled)	
			Petroleum									
	Coal	Natural Gas excluding Supplemental Gaseous Fuels [a]	Distillate Fuel Oil	Jet Fuel [b]	LPG [c]	Motor Gasoline excluding Fuel Ethanol [a]	Residual Fuel Oil	Other [d]	Total	Total	*Natural Gas including Supplemental Gaseous Fuels* [a]	*Motor Gasoline including Fuel Ethanol* [a]
1960	0.0	0.0	5.2	23.5	0.4	18.0	30.0	17.5	94.6	94.6	*0.0*	*18.0*
1965	0.0	0.0	9.4	42.3	0.9	21.4	45.5	9.9	129.3	129.3	*0.0*	*21.4*
1970	0.0	0.0	9.9	80.1	3.6	29.9	63.8	8.2	195.4	195.4	*0.0*	*29.9*
1971	0.0	0.0	10.0	91.5	3.7	30.8	67.3	7.1	210.4	210.4	*0.0*	*30.8*
1972	0.0	0.0	10.3	91.3	3.6	32.6	71.3	7.6	216.6	216.6	*0.0*	*32.6*
1973	0.0	0.0	10.7	92.9	3.6	34.7	72.8	8.2	222.8	222.8	*0.0*	*34.7*
1974	0.0	0.0	11.4	83.6	3.6	34.4	69.9	7.6	210.6	210.6	*0.0*	*34.4*
1975	0.0	0.0	11.3	83.5	3.3	35.5	70.8	8.6	212.9	212.9	*0.0*	*35.5*
1976	0.0	0.0	13.6	79.8	3.9	36.9	74.6	9.5	218.4	218.4	*0.0*	*36.9*
1977	0.0	0.0	16.7	83.6	3.3	38.9	79.8	9.7	232.0	232.0	*0.0*	*38.9*
1978	0.0	0.0	20.8	83.6	2.7	40.1	78.9	9.7	235.8	235.8	*0.0*	*40.1*
1979	0.0	0.0	38.3	85.9	5.9	39.4	76.5	9.4	255.4	255.4	*0.0*	*39.4*
1980	0.0	0.0	34.9	79.2	5.8	38.0	83.0	8.8	249.6	249.6	*3.0*	*38.0*
1981	0.0	0.0	35.1	56.2	4.9	37.7	82.7	6.6	223.2	223.2	*2.8*	*37.7*
1982	1.1	0.0	26.5	41.6	7.6	38.1	83.6	6.3	203.8	204.9	*2.8*	*38.1*
1983	1.0	0.0	13.6	62.5	7.6	38.0	76.4	7.3	205.4	206.4	*2.7*	*38.0*
1984	0.9	0.0	15.9	72.6	0.5	39.5	80.4	7.1	216.1	217.1	*2.4*	*39.5*
1985	1.1	0.0	26.4	74.4	0.5	39.9	82.9	8.0	232.1	233.2	*2.7*	*39.9*
1986	0.4	0.0	27.0	57.0	0.5	41.4	90.1	11.8	227.6	228.0	*2.7*	*41.4*
1987	1.6	0.2	21.5	64.4	0.6	43.0	85.5	14.0	228.9	230.6	*2.8*	*43.0*
1988	1.2	0.0	32.8	67.2	0.7	44.5	106.5	16.4	268.0	269.3	*2.8*	*44.5*
1989	0.8	0.0	33.5	74.4	0.7	46.0	109.1	16.4	280.1	280.9	*2.9*	*46.0*
1990	0.7	0.0	37.8	71.1	0.7	45.5	119.9	17.8	292.8	293.5	*3.0*	*45.5*
1991	1.1	0.0	42.0	62.6	0.8	47.1	98.1	16.0	266.6	267.6	*2.9*	*47.1*
1992	6.8	0.0	36.2	56.5	2.5	46.6	112.3	18.5	272.5	279.2	*2.9*	*46.6*
1993	15.6	0.0	34.5	50.4	3.2	47.4	87.0	16.9	239.5	255.0	*2.8*	*47.4*
1994	15.7	0.0	36.8	53.7	5.8	48.9	95.1	17.9	258.2	273.9	*2.9*	*48.9*
1995	19.9	0.0	33.7	56.4	4.7	49.1	91.0	17.6	252.5	272.4	*2.9*	*49.1*
1996	20.4	0.0	28.8	57.2	4.7	48.9	79.6	19.5	238.8	259.2	*2.8*	*48.9*
1997	20.5	0.0	27.0	58.0	0.9	48.8	76.8	19.1	230.6	251.1	*2.7*	*48.8*
1998	18.2	0.0	25.9	56.7	3.2	48.7	83.3	15.9	233.6	251.9	*2.8*	*48.7*
1999	17.7	0.0	30.9	53.7	1.4	46.7	81.4	15.9	230.0	247.7	*2.9*	*46.7*
2000	17.7	0.1	29.6	53.5	2.1	48.4	85.0	16.6	235.3	253.0	*3.0*	*48.4*
2001	17.8	0.1	35.1	50.4	2.2	50.6	83.5	18.0	239.9	257.9	*2.9*	*50.6*
2002	16.6	0.1	47.1	57.8	2.9	54.3	80.1	15.5	257.6	274.4	*2.9*	*54.3*
2003	R 18.0	0.1	47.7	72.1	1.9	55.1	75.9	16.7	269.5	R 287.7	*2.9*	*55.1*
2004	R 17.9	0.2	50.2	75.9	1.8	55.9	82.4	16.8	282.9	R 301.0	*2.9*	*55.9*
2005	R 16.5	0.2	42.5	92.8	1.7	55.9	83.0	18.0	293.9	R 310.6	*2.9*	*57.1*
2006	R 16.1	0.2	38.8	86.9	1.8	58.5	92.3	17.1	295.6	R 311.8	*2.9*	*59.9*
2007	R 17.1	0.2	53.8	72.3	1.6	56.8	102.6	16.7	303.7	R 321.0	*3.0*	*58.5*
2008	R 18.1	0.1	31.8	60.7	2.6	51.5	78.1	14.6	239.3	R 257.5	*2.8*	*54.7*
2009	R 17.1	0.2	35.0	52.7	3.1	51.6	77.9	R 19.0	R 239.3	R 256.6	*2.7*	*55.3*
2010	17.1	0.2	39.6	55.8	3.2	48.0	74.7	R 20.5	R 241.7	R 259.0	*2.7*	*50.7*
2011	16.1	0.2	36.5	62.1	3.4	53.3	73.6	R 20.4	R 249.3	R 265.5	*2.7*	*56.5*
2012	16.6	0.2	35.2	64.1	3.4	50.7	67.4	R 19.1	R 240.0	R 256.8	*2.8*	*53.6*
2013	15.3	0.2	33.0	64.2	3.2	R 51.4	65.2	R 20.3	R 237.3	R 252.8	R *2.8*	R *54.4*
2014	17.2	0.2	25.2	73.3	3.2	50.7	62.1	18.9	233.4	250.8	*2.8*	*54.0*

[a] Supplemental gaseous fuels (SGF) and fuel ethanol are consumed with natural gas and motor gasoline, respectively. In this table, natural gas excluding SGF and motor gasoline excluding fuel ethanol are presented so that a fossil fuel total can be calculated. Natural gas including SGF and motor gasoline including fuel ethanol are presented separately for reference.

[b] 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."

[c] Liquefied petroleum gases, includes ethane and olefins.

[d] Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Note: Totals may not equal sum of components due to independent rounding.

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

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2014, Hawaii (Continued)

(Trillion Btu)

Year	Nuclear Electric Power	Renewable Energy									Net Interstate Flow of Electricity [j]	Net Electricity Imports [k]	Total
		Hydro-electric Power [e]	Biomass				Geo-thermal	Solar/PV [i]	Wind	Total			
			Wood and Waste [f]	Fuel Ethanol [g]	Losses and Co-products [h]	Total							
1960	0.0	0.3	0.0	NA	NA	0.0	0.0	NA	NA	0.3	0.0	0.0	94.9
1965	0.0	1.1	0.2	NA	NA	0.2	0.0	NA	NA	1.3	0.0	0.0	130.6
1970	0.0	1.1	0.4	NA	NA	0.4	0.0	NA	NA	1.6	0.0	0.0	197.0
1971	0.0	0.9	0.3	NA	NA	0.3	0.0	NA	NA	1.3	0.0	0.0	211.7
1972	0.0	0.9	0.6	NA	NA	0.6	0.0	NA	NA	1.5	0.0	0.0	218.1
1973	0.0	1.0	0.5	NA	NA	0.5	0.0	NA	NA	1.5	0.0	0.0	224.3
1974	0.0	1.0	0.6	NA	NA	0.6	0.0	NA	NA	1.5	0.0	0.0	212.1
1975	0.0	0.9	0.6	NA	NA	0.6	0.0	NA	NA	1.5	0.0	0.0	214.4
1976	0.0	1.0	0.7	NA	NA	0.7	0.0	NA	NA	1.7	0.0	0.0	220.1
1977	0.0	0.9	0.5	NA	NA	0.5	0.0	NA	NA	1.4	0.0	0.0	233.4
1978	0.0	0.9	0.3	NA	NA	0.3	0.0	NA	NA	1.1	0.0	0.0	237.0
1979	0.0	0.9	0.3	NA	NA	0.3	0.0	NA	NA	1.3	0.0	0.0	256.7
1980	0.0	0.9	11.9	NA	NA	11.9	0.0	NA	NA	12.8	0.0	0.0	262.5
1981	0.0	0.8	12.7	(s)	0.0	12.7	0.0	NA	NA	13.6	0.0	0.0	236.8
1982	0.0	0.9	12.4	(s)	0.0	12.4	0.0	NA	NA	13.4	0.0	0.0	218.3
1983	0.0	0.9	14.0	0.0	0.0	14.0	0.0	NA	0.0	14.9	0.0	0.0	221.3
1984	0.0	0.9	14.3	0.0	0.0	14.3	0.2	0.0	0.0	15.4	0.0	0.0	232.4
1985	0.0	0.9	14.2	0.0	0.0	14.2	0.2	0.0	0.0	15.3	0.0	0.0	248.6
1986	0.0	0.8	16.3	0.0	0.0	16.3	0.2	0.0	0.0	17.3	0.0	0.0	245.3
1987	0.0	0.9	17.8	0.0	0.0	17.8	0.1	0.0	0.0	18.8	0.0	0.0	249.5
1988	0.0	0.8	19.4	0.0	0.0	19.4	0.2	0.0	0.0	20.4	0.0	0.0	289.7
1989	0.0	0.6	27.0	0.0	0.0	27.0	0.1	0.8	0.3	28.9	0.0	0.0	309.8
1990	0.0	0.8	25.9	0.0	0.0	25.9	(s)	0.9	0.3	28.0	0.0	0.0	321.4
1991	0.0	0.7	25.4	0.0	0.0	25.4	(s)	1.0	0.4	27.5	0.0	0.0	295.2
1992	0.0	0.6	24.9	0.0	0.0	24.9	(s)	1.0	0.2	26.8	0.0	0.0	306.1
1993	0.0	0.6	24.4	0.0	0.0	24.4	1.6	1.1	0.2	27.8	0.0	0.0	282.9
1994	0.0	1.4	20.7	0.0	0.0	20.7	1.9	1.1	0.2	25.4	0.0	0.0	299.4
1995	0.0	1.0	19.8	0.0	0.0	19.8	2.4	1.2	0.2	24.6	0.0	0.0	297.1
1996	0.0	1.1	19.1	0.0	0.0	19.1	2.5	1.2	0.2	24.1	0.0	0.0	283.3
1997	0.0	1.2	17.4	0.0	0.0	17.4	2.5	1.3	0.2	22.5	0.0	0.0	273.6
1998	0.0	1.2	16.5	0.0	0.0	16.5	2.4	1.3	0.2	21.7	0.0	0.0	273.6
1999	0.0	1.2	17.0	0.0	0.0	17.0	2.2	1.3	0.2	21.8	0.0	0.0	269.5
2000	0.0	1.1	15.2	0.0	0.0	15.2	2.7	1.3	0.2	20.5	0.0	0.0	273.5
2001	0.0	1.0	7.9	0.0	0.0	7.9	2.1	1.3	(s)	12.5	0.0	0.0	270.3
2002	0.0	1.0	7.5	0.0	0.0	7.5	0.7	1.3	(s)	10.5	0.0	0.0	284.9
2003	0.0	0.9	9.3	0.0	0.0	9.3	1.8	1.4	(s)	13.4	0.0	0.0	R 301.1
2004	0.0	0.9	9.3	0.0	0.0	9.3	2.1	1.4	0.1	13.9	0.0	0.0	R 314.9
2005	0.0	1.0	8.4	1.2	0.0	9.6	2.2	1.5	0.1	14.3	0.0	0.0	R 324.9
2006	0.0	1.2	8.5	1.4	0.0	9.9	2.1	1.6	0.8	R 15.6	0.0	0.0	R 327.4
2007	0.0	0.9	8.0	1.7	0.0	9.7	2.3	1.8	2.4	17.0	0.0	0.0	R 338.0
2008	0.0	0.8	8.6	3.2	0.0	11.8	2.3	R 2.3	2.4	R 19.6	0.0	0.0	R 277.1
2009	0.0	1.1	8.6	3.6	0.0	12.2	1.6	R 2.7	2.5	20.1	0.0	0.0	R 276.7
2010	0.0	0.7	7.7	2.8	0.0	10.4	2.0	3.4	2.5	19.0	0.0	0.0	R 278.0
2011	0.0	0.9	7.3	3.2	0.0	10.6	2.2	R 4.7	3.3	21.6	0.0	0.0	R 287.1
2012	0.0	1.1	6.7	2.9	0.0	9.6	2.5	R 6.6	3.6	R 23.4	0.0	0.0	R 280.2
2013	0.0	0.7	8.2	3.0	0.0	11.2	2.6	R 9.1	4.8	R 28.5	0.0	0.0	R 281.3
2014	0.0	0.9	7.7	3.3	0.0	11.0	2.4	10.6	5.5	30.4	0.0	0.0	281.2

[e] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

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

[g] Excludes denaturant. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.

[h] Losses and co-products from the production of fuel ethanol.

[i] Solar thermal and photovoltaic energy.

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

[k] 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 +0.05 and greater than -0.05 trillion Btu.

Note: Totals may not equal sum of components due to independent rounding.

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

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT3. Total End-Use Energy Consumption Estimates, Selected Years, 1960-2014, Hawaii

Year	Coal	Natural Gas [a]	Petroleum							Hydro-electric Power [f,g]	Biomass		Geo-thermal [g]	Solar Thermal/ Photo-voltaic [g]	Retail Electricity Sales	Net Energy [g,j]	Electrical System Energy Losses [k]	Total [g,j]
			Distillate Fuel Oil	Jet Fuel [b]	LPG [c]	Motor Gasoline [d]	Residual Fuel Oil	Other [e]	Total		Wood and Waste [g,h]	Losses and Co-products [i]						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels							Million Kilowatt-hours					Million Kilowatt-hours			
1960	0	0	849	4,321	112	3,429	2,047	3,331	14,088	0	– –	– –	– –	– –	1,285	– –	– –	– –
1965	0	0	1,551	7,618	219	4,082	2,938	1,717	18,125	83	– –	– –	– –	– –	2,452	– –	– –	– –
1970	0	0	1,599	14,273	938	5,691	3,452	1,354	27,307	86	– –	– –	– –	– –	3,776	– –	– –	– –
1975	0	0	1,519	14,849	872	6,766	2,374	1,408	27,788	71	– –	– –	– –	– –	5,310	– –	– –	– –
1980	0	3	5,099	14,116	1,573	7,231	2,957	1,459	32,436	67	– –	– –	– –	– –	6,331	– –	– –	– –
1985	46	2	3,774	13,260	133	7,594	2,890	1,308	28,959	67	– –	– –	– –	– –	6,635	– –	– –	– –
1990	28	3	4,675	12,646	178	8,670	5,222	2,965	34,357	57	– –	– –	– –	– –	8,311	– –	– –	– –
1995	192	3	3,576	9,940	1,316	9,416	3,764	2,909	30,922	64	– –	– –	– –	– –	9,188	– –	– –	– –
2000	110	3	2,319	9,438	562	9,289	2,672	2,688	26,968	60	– –	– –	– –	– –	9,691	– –	– –	– –
2001	113	3	3,064	8,895	582	9,710	2,671	2,969	27,891	50	– –	– –	– –	– –	9,785	– –	– –	– –
2002	50	3	4,099	10,189	770	10,419	1,883	2,569	29,930	60	– –	– –	– –	– –	9,892	– –	– –	– –
2003	52	3	5,908	12,708	492	10,597	1,277	2,779	33,762	50	– –	– –	– –	– –	10,391	– –	– –	– –
2004	53	3	6,148	13,379	462	10,741	1,892	2,772	35,394	37	– –	– –	– –	– –	10,732	– –	– –	– –
2005	59	3	4,723	16,372	432	10,978	1,905	2,968	37,379	34	– –	– –	– –	– –	10,539	– –	– –	– –
2006	59	3	4,238	15,334	471	11,533	3,188	2,848	37,611	38	– –	– –	– –	– –	10,568	– –	– –	– –
2007	72	3	6,981	12,756	419	11,348	4,893	2,770	39,167	38	– –	– –	– –	– –	10,585	– –	– –	– –
2008	99	3	3,301	10,702	674	10,675	1,412	2,423	29,188	39	– –	– –	– –	– –	10,390	– –	– –	– –
2009	88	3	3,802	9,303	819	10,834	1,680	R 3,080	R 29,518	35	– –	– –	– –	– –	10,126	– –	– –	– –
2010	61	3	4,610	9,837	827	9,993	1,525	R 3,327	R 30,120	42	– –	– –	– –	– –	10,017	– –	– –	– –
2011	58	3	4,050	10,948	R 889	11,145	1,456	R 3,327	R 31,816	49	– –	– –	– –	– –	9,962	– –	– –	– –
2012	50	3	3,916	11,311	897	10,586	1,233	R 3,129	R 31,072	59	– –	– –	– –	– –	9,639	– –	– –	– –
2013	61	3	3,640	11,323	837	R 10,746	1,163	R 3,293	R 31,001	44	– –	– –	– –	– –	9,503	– –	– –	– –
2014	61	3	2,307	12,922	832	10,667	1,105	3,069	30,902	52	– –	– –	– –	– –	9,475	– –	– –	– –
			Trillion Btu															
1960	0.0	0.0	4.9	23.5	0.4	18.0	12.9	17.5	77.3	0.0	0.0	NA	NA	NA	4.4	81.6	13.2	94.9
1965	0.0	0.0	9.0	42.3	0.9	21.4	18.5	9.9	102.0	0.9	0.2	NA	NA	NA	8.4	111.4	19.2	130.6
1970	0.0	0.0	9.3	80.1	3.6	29.9	21.7	8.2	152.7	0.9	0.2	NA	NA	NA	12.9	166.7	30.3	197.0
1975	0.0	0.0	8.8	83.5	3.3	35.5	14.9	8.6	154.6	0.7	0.3	NA	NA	NA	18.1	173.8	40.7	214.4
1980	0.0	3.0	29.7	79.2	5.8	38.0	18.6	8.8	180.1	0.7	11.9	NA	NA	NA	21.6	214.3	48.1	262.5
1985	1.1	2.7	22.0	74.4	0.5	39.9	18.2	8.0	163.0	0.7	14.0	0.0	NA	NA	22.6	201.4	47.1	248.6
1990	0.7	3.0	27.2	71.1	0.7	45.5	32.8	17.8	195.2	0.6	18.2	0.0	(s)	0.9	28.4	243.9	77.6	321.4
1995	4.1	2.9	20.8	56.4	4.7	49.1	23.7	17.6	172.3	0.7	13.3	0.0	(s)	1.2	31.3	222.9	74.2	297.1
2000	2.1	3.0	13.5	53.5	2.1	48.4	16.8	16.6	151.0	0.6	9.9	0.0	(s)	1.3	33.1	198.1	75.4	273.5
2001	2.0	2.9	17.8	50.4	2.2	50.6	16.8	18.0	155.9	0.5	5.1	0.0	(s)	1.3	33.4	198.4	71.9	270.3
2002	0.7	2.9	23.9	57.8	2.9	54.3	11.8	15.5	166.1	0.6	5.1	0.0	(s)	1.3	33.8	207.7	77.2	284.9
2003	1.4	2.9	34.4	72.1	1.9	55.1	8.0	16.7	188.2	0.5	R 6.7	0.0	(s)	1.4	35.5	R 233.8	R 67.3	R 301.1
2004	1.3	2.9	35.8	75.9	1.8	55.9	11.9	16.8	197.9	0.4	R 9.3	0.0	(s)	1.4	36.6	R 247.1	R 67.8	R 314.9
2005	1.4	2.9	27.5	92.8	1.7	57.1	12.0	18.0	209.0	0.3	R 8.4	0.0	(s)	1.5	36.0	R 256.8	R 68.1	R 324.9
2006	1.6	2.9	24.6	86.9	1.8	59.9	20.0	17.1	210.4	0.4	R 8.5	0.0	(s)	1.6	36.1	R 258.7	R 68.6	R 327.4
2007	1.8	3.0	40.4	72.3	1.6	58.5	30.8	16.7	220.2	0.4	R 8.0	0.0	(s)	1.8	36.1	R 268.4	R 69.6	R 338.0
2008	2.3	2.8	19.1	60.7	2.6	54.7	8.9	14.6	160.6	0.4	R 8.6	0.0	(s)	R 2.3	35.5	R 209.7	R 67.4	R 277.1
2009	2.0	2.7	22.0	52.7	3.1	55.3	10.6	R 19.0	R 162.7	0.3	R 8.5	0.0	(s)	2.6	34.6	R 211.0	R 65.7	R 276.7
2010	1.4	2.7	26.6	55.8	3.2	50.7	9.6	R 20.5	R 166.4	0.4	7.6	0.0	(s)	R 3.4	34.2	R 213.5	64.5	R 278.0
2011	1.3	2.7	23.4	62.1	3.4	56.5	9.2	R 20.4	R 175.0	0.5	6.7	0.0	(s)	4.6	34.0	R 222.2	64.9	R 287.1
2012	1.1	2.8	22.6	64.1	3.4	53.6	7.8	R 19.1	R 170.6	0.6	6.3	0.0	(s)	6.6	32.9	R 218.3	61.9	R 280.2
2013	1.4	R 2.8	21.0	64.2	3.2	R 54.4	7.3	R 20.3	R 170.4	0.4	7.6	0.0	(s)	R 8.9	32.4	R 221.4	59.9	R 281.3
2014	1.4	2.8	13.3	73.3	3.2	54.0	6.9	18.9	169.6	0.5	7.1	0.0	(s)	10.3	32.3	221.4	59.8	281.2

[a] Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

[b] 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."

[c] Liquefied petroleum gases, includes ethane and olefins.

[d] Beginning in 1993, includes fuel ethanol blended into motor gasoline.

[e] Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

[f] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

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

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

[i] Losses and co-products from the production of fuel ethanol.

[j] Beginning in 2009, includes wind energy consumed by the commercial and industrial sectors. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. 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 net energy and total.

[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: Total end-use 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 the changing data sources and estimation methodologies. • See the Technical Notes for each type of energy.

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

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2014, Hawaii

Year	Coal [a]	Natural Gas [b]	Petroleum				Biomass	Geothermal [e]	Solar/PV [e,f]	Retail Electricity Sales	Net Energy [e,g]	Electrical System Energy Losses [h]	Total [e,g]
			Distillate Fuel Oil	Kerosene	LPG [c]	Total	Wood [d]						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Thousand Cords			Million Kilowatthours			
1960	0	0	(s)	0	25	26	0	– –	– –	514	– –	– –	– –
1965	0	0	1	0	50	51	0	– –	– –	861	– –	– –	– –
1970	0	0	1	0	198	200	0	– –	– –	1,285	– –	– –	– –
1975	0	0	1	0	142	143	0	– –	– –	1,663	– –	– –	– –
1980	0	1	1	0	191	192	0	– –	– –	1,841	– –	– –	– –
1985	0	1	(s)	0	45	45	0	– –	– –	1,879	– –	– –	– –
1990	0	1	(s)	0	57	57	0	– –	– –	2,324	– –	– –	– –
1995	0	1	2	(s)	38	40	0	– –	– –	2,606	– –	– –	– –
1996	0	1	(s)	(s)	48	48	0	– –	– –	2,676	– –	– –	– –
1997	0	1	(s)	(s)	88	88	0	– –	– –	2,668	– –	– –	– –
1998	0	1	(s)	(s)	250	250	0	– –	– –	2,641	– –	– –	– –
1999	0	1	(s)	(s)	142	142	0	– –	– –	2,689	– –	– –	– –
2000	0	1	(s)	(s)	194	194	0	– –	– –	2,765	– –	– –	– –
2001	0	1	(s)	(s)	196	197	0	– –	– –	2,802	– –	– –	– –
2002	0	1	(s)	(s)	197	197	0	– –	– –	2,898	– –	– –	– –
2003	0	1	(s)	(s)	146	146	0	– –	– –	3,028	– –	– –	– –
2004	0	1	(s)	(s)	149	149	0	– –	– –	3,162	– –	– –	– –
2005	0	1	(s)	(s)	152	152	9	– –	– –	3,164	– –	– –	– –
2006	0	1	3	(s)	156	159	8	– –	– –	3,182	– –	– –	– –
2007	0	1	3	(s)	125	128	9	– –	– –	3,201	– –	– –	– –
2008	0	(s)	5	(s)	262	267	10	– –	– –	3,085	– –	– –	– –
2009	0	1	3	(s)	239	242	17	– –	– –	3,055	– –	– –	– –
2010	0	1	(s)	(s)	239	239	15	– –	– –	2,989	– –	– –	– –
2011	0	(s)	(s)	(s)	R 220	R 220	15	– –	– –	2,929	– –	– –	– –
2012	0	(s)	(s)	(s)	332	332	14	– –	– –	2,739	– –	– –	– –
2013	0	1	(s)	(s)	222	222	20	– –	– –	2,609	– –	– –	– –
2014	0	1	(s)	(s)	209	209	20	– –	– –	2,584	– –	– –	– –
							Trillion Btu						
1960	0.0	0.0	(s)	0.0	0.1	0.1	0.0	NA	NA	1.8	1.9	5.3	7.1
1965	0.0	0.0	(s)	0.0	0.2	0.2	0.0	NA	NA	2.9	3.1	6.7	9.9
1970	0.0	0.0	(s)	0.0	0.8	0.8	0.0	NA	NA	4.4	5.2	10.3	15.5
1975	0.0	0.0	(s)	0.0	0.5	0.5	0.0	NA	NA	5.7	6.2	12.7	19.0
1980	0.0	1.4	(s)	0.0	0.7	0.7	0.0	NA	NA	6.3	7.0	14.0	21.0
1985	0.0	0.7	(s)	0.0	0.2	0.2	0.0	NA	NA	6.4	6.6	13.3	19.9
1990	0.0	0.6	(s)	0.0	0.2	0.2	0.0	0.0	0.9	7.9	9.0	21.7	30.7
1995	0.0	0.6	(s)	(s)	0.1	0.2	0.0	0.0	1.2	8.9	10.2	21.0	31.3
1996	0.0	0.6	(s)	(s)	0.2	0.2	0.0	0.0	1.2	9.1	10.6	21.5	32.1
1997	0.0	0.5	(s)	(s)	0.3	0.3	0.0	0.0	1.3	9.1	10.7	21.5	32.2
1998	0.0	0.6	(s)	(s)	1.0	1.0	0.0	0.0	1.3	9.0	11.3	21.1	32.4
1999	0.0	0.6	(s)	(s)	0.5	0.5	0.0	0.0	1.3	9.2	11.1	21.4	32.4
2000	0.0	0.6	(s)	(s)	0.7	0.7	0.0	0.0	1.3	9.4	11.5	21.5	33.1
2001	0.0	0.6	(s)	(s)	0.8	0.8	0.0	0.0	1.3	9.6	11.7	20.6	32.2
2002	0.0	0.6	(s)	(s)	0.8	0.8	0.0	0.0	1.3	9.9	12.0	22.6	34.6
2003	0.0	0.6	(s)	(s)	0.6	0.6	0.0	0.0	1.4	10.3	12.3	R 19.6	R 31.9
2004	0.0	0.5	(s)	(s)	0.6	0.6	0.0	0.0	1.4	10.8	12.8	R 20.0	R 32.8
2005	0.0	0.5	(s)	(s)	0.6	0.6	0.2	0.0	1.5	10.8	13.1	R 20.5	R 33.5
2006	0.0	0.5	(s)	(s)	0.6	0.6	0.2	0.0	1.6	10.9	13.2	R 20.7	R 33.9
2007	0.0	0.5	(s)	(s)	0.5	0.5	0.2	0.0	1.8	10.9	13.4	R 21.0	R 34.4
2008	0.0	0.5	(s)	(s)	1.0	1.0	0.2	0.0	R 2.3	10.5	14.0	R 20.0	R 34.0
2009	0.0	0.5	(s)	(s)	0.9	0.9	0.3	0.0	2.6	10.4	14.4	R 19.8	R 34.2
2010	0.0	0.5	(s)	(s)	0.9	0.9	0.3	0.0	R 3.4	10.2	14.8	19.3	R 34.1
2011	0.0	0.5	(s)	(s)	R 0.8	R 0.8	0.3	0.0	4.6	10.0	15.8	19.1	34.9
2012	0.0	0.5	(s)	(s)	1.3	1.3	0.3	0.0	6.6	9.3	R 17.5	17.6	R 35.1
2013	0.0	0.6	(s)	(s)	0.9	0.9	0.4	0.0	R 8.9	8.9	R 19.1	16.4	R 35.6
2014	0.0	0.6	(s)	(s)	0.8	0.8	0.4	0.0	10.3	8.8	20.3	16.3	36.6

[a] Beginning in 2008, data are no longer collected and are assumed to be zero.
[b] Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
[c] Liquefied petroleum gases, includes ethane and olefins.
[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 distributed solar thermal and photovoltaic energy used in the commercial and industrial sectors.
[g] 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 net energy and total.
[h] 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 http://www.eia.gov/state/seds/seds-data-complete.cfm.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2014, Hawaii

Year	Coal	Natural Gas [a]	Petroleum						Hydro-electric Power [e,f]	Biomass	Geothermal [f]	Retail Electricity Sales	Net Energy [f,h]	Electrical System Energy Losses [i]	Total [f,h]
			Distillate Fuel Oil	Kerosene	LPG [b]	Motor Gasoline [c]	Residual Fuel Oil	Total [d]		Wood and Waste [f,g]					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Million Kilowatthours			Million Kilowatthours			
1960	0	0	48	23	42	55	41	209	NA	– –	– –	306	– –	– –	– –
1965	0	0	71	39	83	59	31	283	NA	– –	– –	495	– –	– –	– –
1970	0	0	174	87	328	133	38	760	NA	– –	– –	771	– –	– –	– –
1975	0	0	84	45	235	98	15	477	NA	– –	– –	1,109	– –	– –	– –
1980	0	2	398	0	315	54	25	792	NA	– –	– –	1,462	– –	– –	– –
1985	0	2	132	1	74	47	21	275	NA	– –	– –	1,612	– –	– –	– –
1990	0	2	453	(s)	93	59	825	1,430	0	– –	– –	2,253	– –	– –	– –
1995	0	2	343	(s)	63	11	62	480	0	– –	– –	2,779	– –	– –	– –
1996	0	2	224	(s)	78	11	13	326	0	– –	– –	2,819	– –	– –	– –
1997	0	2	392	(s)	145	11	11	560	0	– –	– –	2,839	– –	– –	– –
1998	0	2	211	(s)	413	11	1,704	2,338	0	– –	– –	2,833	– –	– –	– –
1999	0	2	260	(s)	234	11	6	511	0	– –	– –	2,944	– –	– –	– –
2000	0	2	218	(s)	320	11	8	558	0	– –	– –	3,092	– –	– –	– –
2001	0	2	136	(s)	324	12	5	478	0	– –	– –	3,192	– –	– –	– –
2002	0	2	310	(s)	326	12	(s)	648	0	– –	– –	3,223	– –	– –	– –
2003	0	2	282	(s)	241	12	0	536	0	– –	– –	3,517	– –	– –	– –
2004	0	2	382	(s)	246	12	4	644	0	– –	– –	3,632	– –	– –	– –
2005	0	2	384	(s)	251	12	3	651	0	– –	– –	3,463	– –	– –	– –
2006	0	2	392	(s)	257	12	1	662	0	– –	– –	3,490	– –	– –	– –
2007	0	2	282	(s)	223	12	(s)	517	0	– –	– –	3,520	– –	– –	– –
2008	0	2	221	(s)	403	12	0	636	0	– –	– –	3,501	– –	– –	– –
2009	0	2	272	(s)	540	12	0	825	0	– –	– –	3,388	– –	– –	– –
2010	0	2	265	(s)	533	12	0	809	0	– –	– –	3,355	– –	– –	– –
2011	0	2	299	(s)	R 623	12	0	R 934	0	– –	– –	3,368	– –	– –	– –
2012	0	2	266	(s)	563	12	0	842	0	– –	– –	3,238	– –	– –	– –
2013	0	2	255	(s)	609	13	0	877	0	– –	– –	3,271	– –	– –	– –
2014	0	2	323	(s)	616	12	0	951	0	– –	– –	3,202	– –	– –	– –
			Trillion Btu												
1960	0.0	0.0	0.3	0.1	0.2	0.3	0.3	1.1	NA	0.0	NA	1.0	2.2	3.1	5.3
1965	0.0	0.0	0.4	0.2	0.3	0.3	0.2	1.5	NA	0.0	NA	1.7	3.1	3.9	7.0
1970	0.0	0.0	1.0	0.5	1.3	0.7	0.2	3.7	NA	0.0	NA	2.6	6.3	6.2	12.5
1975	0.0	0.0	0.5	0.3	0.9	0.5	0.1	2.3	NA	0.0	NA	3.8	6.0	8.5	14.5
1980	0.0	1.7	2.3	0.0	1.2	0.3	0.2	4.0	NA	0.0	NA	5.0	9.0	11.1	20.1
1985	0.0	2.0	0.8	(s)	0.3	0.2	0.1	1.4	NA	0.0	NA	5.5	6.9	11.5	18.4
1990	0.0	2.4	2.6	(s)	0.4	0.3	5.2	8.5	0.0	0.0	0.0	7.7	16.2	21.0	37.2
1995	0.0	2.3	2.0	(s)	0.2	0.1	0.4	2.7	0.0	0.0	0.0	9.5	12.2	22.4	34.6
1996	0.0	2.3	1.3	(s)	0.3	0.1	0.1	1.7	0.0	0.0	0.0	9.6	11.4	22.7	34.0
1997	0.0	1.8	2.3	(s)	0.6	0.1	0.1	3.0	0.0	0.0	0.0	9.7	12.7	22.8	35.5
1998	0.0	1.8	1.2	(s)	1.6	0.1	10.7	13.6	0.0	0.0	0.0	9.7	23.2	22.6	45.9
1999	0.0	1.8	1.5	(s)	0.9	0.1	(s)	2.5	0.0	0.0	(s)	10.0	12.6	23.4	36.0
2000	0.0	1.9	1.3	(s)	1.2	0.1	0.1	2.6	0.0	0.0	(s)	10.6	13.2	24.1	37.3
2001	0.0	1.8	0.8	(s)	1.2	0.1	(s)	2.1	0.0	0.0	(s)	10.9	13.1	23.5	36.6
2002	0.0	1.8	1.8	(s)	1.2	0.1	(s)	3.1	0.0	0.0	(s)	11.0	14.2	25.1	39.3
2003	0.0	1.8	1.6	(s)	0.9	0.1	0.0	2.6	0.0	0.0	(s)	12.0	14.7	R 22.8	R 37.5
2004	0.0	1.9	2.2	(s)	0.9	0.1	(s)	3.3	0.0	2.5	(s)	12.4	18.3	R 23.0	R 41.3
2005	0.0	1.9	2.2	(s)	1.0	0.1	(s)	3.3	0.0	2.3	(s)	11.8	17.5	R 22.4	R 39.9
2006	0.0	1.9	2.3	(s)	1.0	0.1	(s)	3.3	0.0	2.6	(s)	11.9	18.0	R 22.7	R 40.6
2007	0.0	1.9	1.6	(s)	0.9	0.1	(s)	2.6	0.0	2.4	(s)	12.0	17.0	R 23.1	R 40.2
2008	0.0	1.8	1.3	(s)	1.5	0.1	0.0	2.9	0.0	3.1	(s)	11.9	18.0	R 22.7	R 40.7
2009	0.0	1.8	1.6	(s)	2.1	0.1	0.0	3.7	0.0	3.0	(s)	11.6	18.4	R 22.0	R 40.4
2010	0.0	1.8	1.5	(s)	2.0	0.1	0.0	3.6	0.0	2.9	(s)	11.4	18.1	21.6	39.7
2011	0.0	1.9	1.7	(s)	R 2.4	0.1	0.0	R 4.2	0.0	2.8	(s)	11.5	R 18.6	21.9	R 40.5
2012	0.0	1.9	1.5	(s)	2.2	0.1	0.0	3.8	0.0	2.2	(s)	11.0	17.2	20.8	37.9
2013	0.0	R 1.8	1.5	(s)	2.3	0.1	0.0	3.9	0.0	3.2	(s)	11.2	18.4	20.6	39.0
2014	0.0	1.8	1.9	(s)	2.4	0.1	0.0	4.3	0.0	3.3	(s)	10.9	18.6	20.2	38.8

[a] Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
[b] Liquefied petroleum gases, includes ethane and olefins.
[c] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[d] Includes small amounts of petroleum coke not shown separately.
[e] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, 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] Distributed solar thermal and photovoltaic energy consumed in the commercial sector is included in residential consumption. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2008, includes small amounts of solar and wind energy consumed by commercial plants with capacity of 1 megawatt or greater. 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 net energy 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 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 http://www.eia.gov/state/seds/seds-data-complete.cfm.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2014, Hawaii

Year	Coal	Natural Gas [a]	Petroleum						Hydro-electric Power [e,f]	Biomass		Geo-thermal [f]	Retail Electricity Sales	Net Energy [f,i]	Electrical System Energy Losses [j]	Total [f,i]
			Distillate Fuel Oil	LPG [b]	Motor Gasoline [c]	Residual Fuel Oil	Other [d]	Total		Wood and Waste [f,g]	Losses and Co-products [h]					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Million kWh				Million kWh			
1960	0	0	554	43	83	1,038	649	2,367	0	– –	– –	– –	465	– –	– –	– –
1965	0	0	635	82	76	1,712	992	3,497	83	– –	– –	– –	1,096	– –	– –	– –
1970	0	0	701	386	49	1,671	1,066	3,874	86	– –	– –	– –	1,720	– –	– –	– –
1975	0	0	603	472	53	1,346	1,174	3,648	71	– –	– –	– –	2,538	– –	– –	– –
1980	0	0	1,369	1,041	49	1,491	1,186	5,135	67	– –	– –	– –	3,028	– –	– –	– –
1985	46	0	458	9	104	1,344	1,083	2,997	67	– –	– –	– –	3,143	– –	– –	– –
1990	28	0	725	15	133	1,740	2,617	5,231	57	– –	– –	– –	3,734	– –	– –	– –
1995	192	0	548	1,207	245	1,024	2,618	5,643	64	– –	– –	– –	3,803	– –	– –	– –
1996	169	0	475	1,191	259	957	2,998	5,880	65	– –	– –	– –	3,884	– –	– –	– –
1997	166	(s)	623	6	242	845	2,956	4,672	67	– –	– –	– –	3,856	– –	– –	– –
1998	146	(s)	584	181	266	305	2,428	3,765	75	– –	– –	– –	3,787	– –	– –	– –
1999	117	(s)	427	(s)	155	332	2,464	3,380	70	– –	– –	– –	3,748	– –	– –	– –
2000	110	1	473	49	160	438	2,566	3,685	60	– –	– –	– –	3,834	– –	– –	– –
2001	113	1	473	61	122	8	2,849	3,513	50	– –	– –	– –	3,790	– –	– –	– –
2002	50	(s)	459	247	145	446	2,481	3,779	60	– –	– –	– –	3,770	– –	– –	– –
2003	52	(s)	439	94	137	364	2,699	3,733	50	– –	– –	– –	3,846	– –	– –	– –
2004	53	(s)	407	67	169	395	2,667	3,704	37	– –	– –	– –	3,937	– –	– –	– –
2005	59	(s)	512	14	133	781	2,859	4,298	34	– –	– –	– –	3,912	– –	– –	– –
2006	59	(s)	456	41	141	811	2,743	4,194	38	– –	– –	– –	3,896	– –	– –	– –
2007	72	1	451	58	244	428	2,663	3,844	38	– –	– –	– –	3,864	– –	– –	– –
2008	99	(s)	347	5	247	434	2,335	3,367	39	– –	– –	– –	3,804	– –	– –	– –
2009	88	(s)	404	32	234	466	R 2,995	R 4,131	35	– –	– –	– –	3,683	– –	– –	– –
2010	61	(s)	326	50	143	451	R 3,229	R 4,198	42	– –	– –	– –	3,672	– –	– –	– –
2011	58	(s)	342	R 33	147	454	R 3,234	R 4,210	49	– –	– –	– –	3,665	– –	– –	– –
2012	50	(s)	376	1	140	326	R 3,045	R 3,888	59	– –	– –	– –	3,662	– –	– –	– –
2013	61	(s)	325	1	R 138	283	R 3,210	R 3,957	44	– –	– –	– –	3,623	– –	– –	– –
2014	61	(s)	392	1	174	257	2,982	3,806	52	– –	– –	– –	3,690	– –	– –	– –
			Trillion Btu													
1960	0.0	0.0	3.2	0.2	0.4	6.5	3.9	14.3	0.0	0.0	NA	NA	1.6	15.8	4.8	20.6
1965	0.0	0.0	3.7	0.3	0.4	10.8	6.1	21.3	0.9	0.2	NA	NA	3.7	26.1	8.6	34.7
1970	0.0	0.0	4.1	1.4	0.3	10.5	6.6	22.9	0.9	0.2	NA	NA	5.9	29.9	13.8	43.7
1975	0.0	0.0	3.5	1.7	0.3	8.5	7.3	21.3	0.7	0.3	NA	NA	8.7	31.0	19.4	50.4
1980	0.0	0.0	8.0	3.8	0.3	9.4	7.3	28.7	0.7	11.9	NA	NA	10.3	51.6	23.0	74.7
1985	1.1	0.0	2.7	(s)	0.5	8.4	6.8	18.5	0.7	14.0	0.0	NA	10.7	45.0	22.3	67.3
1990	0.7	0.0	4.2	0.1	0.7	10.9	16.0	31.9	0.6	18.2	0.0	(s)	12.7	64.1	34.9	98.9
1995	4.1	0.0	3.2	4.3	1.3	6.4	16.1	31.3	0.7	13.3	0.0	(s)	13.0	62.3	30.7	93.0
1996	3.6	0.0	2.8	4.2	1.3	6.0	18.3	32.6	0.7	14.1	0.0	(s)	13.3	64.3	31.2	95.6
1997	3.7	0.4	3.6	(s)	1.3	5.3	18.0	28.2	0.7	11.8	0.0	(s)	13.2	57.6	31.0	88.7
1998	3.4	0.4	3.4	0.6	1.4	1.9	14.9	22.2	0.8	11.1	0.0	(s)	12.9	50.4	30.3	80.7
1999	2.7	0.5	2.5	(s)	0.8	2.1	15.1	20.5	0.7	11.6	0.0	(s)	12.8	48.2	29.8	78.0
2000	2.1	0.6	2.8	0.2	0.8	2.8	15.9	22.4	0.6	9.9	0.0	(s)	13.1	48.1	29.8	78.0
2001	2.0	0.6	2.8	0.2	0.6	0.1	17.3	21.0	0.5	5.1	0.0	(s)	12.9	41.6	27.8	69.5
2002	0.7	0.5	2.7	0.9	0.8	2.8	15.0	22.1	0.6	5.1	0.0	(s)	12.9	41.3	29.4	70.8
2003	1.4	0.5	2.6	0.3	0.7	2.3	16.3	22.2	0.5	R 6.7	0.0	(s)	13.1	R 43.9	R 24.9	R 68.8
2004	1.3	0.5	2.4	0.2	0.9	2.5	16.2	22.2	0.4	R 6.8	0.0	(s)	13.4	R 44.0	R 24.9	R 68.9
2005	1.4	0.5	3.0	(s)	0.7	4.9	17.4	26.0	0.3	R 5.9	0.0	(s)	13.3	R 47.1	R 25.3	R 72.4
2006	1.6	0.5	2.6	0.1	0.7	5.1	16.5	25.2	0.4	R 5.8	0.0	(s)	13.3	R 46.3	R 25.3	R 71.6
2007	1.8	0.5	2.6	0.2	1.3	2.7	16.1	22.8	0.4	R 5.4	0.0	(s)	13.2	R 43.7	R 25.4	R 69.0
2008	2.3	0.4	2.0	(s)	1.3	2.7	14.1	20.1	0.4	R 5.4	0.0	(s)	13.0	R 41.2	R 24.7	R 65.8
2009	2.0	0.4	2.3	0.1	1.2	2.9	R 18.5	R 25.1	0.3	R 5.2	0.0	(s)	12.6	R 45.2	R 23.9	R 69.1
2010	1.4	0.4	1.9	0.2	0.7	2.8	R 19.9	R 25.5	0.4	4.4	0.0	(s)	12.5	R 44.3	23.6	R 68.0
2011	1.3	0.4	2.0	R 0.1	0.7	2.9	R 19.9	R 25.6	0.5	3.7	0.0	(s)	12.5	R 43.6	23.9	R 67.4
2012	1.1	0.4	2.2	(s)	0.7	2.1	R 18.6	R 23.6	0.6	3.8	0.0	(s)	12.5	R 41.5	23.5	R 65.1
2013	1.4	0.4	1.9	(s)	0.7	1.8	R 19.8	R 24.2	0.4	4.0	0.0	(s)	12.4	R 42.4	22.8	R 65.2
2014	1.4	0.4	2.3	(s)	0.9	1.6	18.4	23.2	0.5	3.4	0.0	(s)	12.6	41.1	23.3	64.4

[a] Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
[b] Liquefied petroleum gases, includes ethane and olefins.
[c] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[d] Includes asphalt and road oil, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."
[e] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, 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 fuel ethanol.
[i] Distributed solar thermal and photovoltaic energy consumed in the industrial sector is included in residential consumption. For 1981 through 1992, includes fuel ethanol blended into motor gasoline but not shown in the motor gasoline column. Beginning in 2008, includes small amounts of solar and wind energy consumed by industrial plants with capacity of 1 megawatt or greater. 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 net energy and total.
[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.

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 http://www.eia.gov/state/seds/seds-data-complete.cfm.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2014, Hawaii

Year	Coal	Natural Gas [a]	Petroleum								Retail Electricity Sales	Net Energy [e,f]	Electrical System Energy Losses [g]	Total [e,f]
			Aviation Gasoline	Distillate Fuel Oil	Jet Fuel [b]	LPG [c]	Lubricants	Motor Gasoline [d]	Residual Fuel Oil	Total				
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels								Million Kilowatthours			
1960	0	0	2,640	247	4,321	2	19	3,290	968	11,487	0	– –	– –	– –
1965	0	0	613	844	7,618	4	73	3,947	1,195	14,294	0	– –	– –	– –
1970	0	0	133	722	14,273	26	68	5,508	1,744	22,473	0	– –	– –	– –
1975	0	0	116	831	14,849	22	74	6,615	1,013	23,520	0	– –	– –	– –
1980	0	0	199	3,331	14,116	26	74	7,129	1,441	26,317	0	– –	– –	– –
1985	0	0	155	3,184	13,260	6	68	7,443	1,526	25,641	0	– –	– –	– –
1990	0	0	272	3,498	12,646	13	76	8,477	2,657	27,639	0	– –	– –	– –
1995	0	0	218	2,683	9,940	8	73	9,160	2,677	24,759	0	– –	– –	– –
1996	0	0	165	1,928	10,087	2	71	9,104	702	22,058	0	– –	– –	– –
1997	0	0	121	1,322	10,221	2	75	9,104	489	21,334	0	– –	– –	– –
1998	0	0	107	1,242	9,999	1	78	9,065	383	20,876	0	– –	– –	– –
1999	0	0	58	2,071	9,474	0	79	8,786	1,708	22,177	0	– –	– –	– –
2000	0	0	45	1,627	9,438	0	78	9,118	2,226	22,532	0	– –	– –	– –
2001	0	0	48	2,455	8,895	0	71	9,576	2,658	23,704	0	– –	– –	– –
2002	0	0	18	3,329	10,189	0	70	10,262	1,437	25,306	0	– –	– –	– –
2003	0	0	15	5,186	12,708	11	65	10,448	914	29,347	0	– –	– –	– –
2004	0	(s)	39	5,359	13,379	0	66	10,560	1,493	30,897	0	– –	– –	– –
2005	0	(s)	44	3,827	16,372	15	65	10,833	1,121	32,278	0	– –	– –	– –
2006	0	(s)	41	3,387	15,334	17	64	11,379	2,375	32,597	0	– –	– –	– –
2007	0	(s)	41	6,246	12,756	12	66	11,092	4,465	34,678	0	– –	– –	– –
2008	0	(s)	28	2,729	10,702	4	61	10,416	978	24,917	0	– –	– –	– –
2009	0	(s)	30	3,124	9,303	6	55	10,588	1,214	24,320	0	– –	– –	– –
2010	0	(s)	37	4,019	9,837	6	61	9,838	1,075	24,872	0	– –	– –	– –
2011	0	(s)	35	3,409	10,948	13	58	10,985	1,002	26,451	0	– –	– –	– –
2012	0	(s)	31	3,274	11,311	1	53	10,434	906	26,011	0	– –	– –	– –
2013	0	(s)	27	3,060	11,323	5	56	R 10,595	880	R 25,945	0	– –	– –	– –
2014	0	(s)	28	1,591	12,922	7	59	10,481	848	25,936	0	– –	– –	– –
			Trillion Btu											
1960	0.0	0.0	13.3	1.4	23.5	(s)	0.1	17.3	6.1	61.8	0.0	61.8	0.0	61.8
1965	0.0	0.0	3.1	4.9	42.3	(s)	0.4	20.7	7.5	79.0	0.0	79.0	0.0	79.0
1970	0.0	0.0	0.7	4.2	80.1	0.1	0.4	28.9	11.0	125.3	0.0	125.3	0.0	125.3
1975	0.0	0.0	0.6	4.8	83.5	0.1	0.5	34.7	6.4	130.5	0.0	130.5	0.0	130.5
1980	0.0	0.0	1.0	19.4	79.2	0.1	0.5	37.4	9.1	146.7	0.0	146.7	0.0	146.7
1985	0.0	0.0	0.8	18.5	74.4	(s)	0.4	39.1	9.6	142.9	0.0	142.9	0.0	142.9
1990	0.0	0.0	1.4	20.4	71.1	(s)	0.5	44.5	16.7	154.5	0.0	154.5	0.0	154.5
1995	0.0	0.0	1.1	15.6	56.4	(s)	0.4	47.8	16.8	138.2	0.0	138.2	0.0	138.2
1996	0.0	0.0	0.8	11.2	57.2	(s)	0.4	47.5	4.4	121.6	0.0	121.6	0.0	121.6
1997	0.0	0.0	0.6	7.7	58.0	(s)	0.5	47.5	3.1	117.3	0.0	117.3	0.0	117.3
1998	0.0	0.0	0.5	7.2	56.7	(s)	0.5	47.3	2.4	114.6	0.0	114.6	0.0	114.6
1999	0.0	0.0	0.3	12.1	53.7	0.0	0.5	45.8	10.7	123.1	0.0	123.1	0.0	123.1
2000	0.0	0.0	0.2	9.5	53.5	0.0	0.5	47.5	14.0	125.2	0.0	125.2	0.0	125.2
2001	0.0	0.0	0.2	14.3	50.4	0.0	0.4	49.9	16.7	132.0	0.0	132.0	0.0	132.0
2002	0.0	0.0	0.1	19.4	57.8	0.0	0.4	53.5	9.0	140.2	0.0	140.2	0.0	140.2
2003	0.0	0.0	0.1	30.2	72.1	(s)	0.4	54.4	5.7	162.9	0.0	162.9	0.0	162.9
2004	0.0	(s)	0.2	31.2	75.9	0.0	0.4	54.9	9.4	171.9	0.0	172.0	0.0	172.0
2005	0.0	(s)	0.2	22.3	92.8	0.1	0.4	56.3	7.0	179.1	0.0	179.1	0.0	179.1
2006	0.0	(s)	0.2	19.7	86.9	0.1	0.4	59.1	14.9	181.3	0.0	181.3	0.0	181.3
2007	0.0	(s)	0.2	36.1	72.3	(s)	0.4	57.2	28.1	194.4	0.0	194.4	0.0	194.4
2008	0.0	(s)	0.1	15.8	60.7	(s)	0.4	53.4	6.1	136.5	0.0	136.5	0.0	136.5
2009	0.0	(s)	0.1	18.1	52.7	(s)	0.3	54.0	7.6	133.0	0.0	133.0	0.0	133.0
2010	0.0	(s)	0.2	23.2	55.8	(s)	0.4	50.0	6.8	136.3	0.0	136.3	0.0	136.3
2011	0.0	(s)	0.2	19.7	62.1	0.1	0.4	55.7	6.3	144.3	0.0	144.3	0.0	144.3
2012	0.0	(s)	0.2	18.9	64.1	(s)	0.3	52.8	5.7	142.0	0.0	142.1	0.0	142.1
2013	0.0	(s)	0.1	17.7	64.2	(s)	0.3	R 53.6	5.5	R 141.5	0.0	R 141.5	0.0	R 141.5
2014	0.0	(s)	0.1	9.2	73.3	(s)	0.4	53.0	5.3	141.3	0.0	141.4	0.0	141.4

[a] Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, natural gas consumed as vehicle fuel.
[b] 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."
[c] Liquefied petroleum gases, includes ethane and olefins.
[d] Beginning in 1993, motor gasoline includes fuel ethanol blended into the product.
[e] There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of renewable energy sources beginning in 1981.
[f] For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.
[g] 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 http://www.eia.gov/state/seds/seds-data-complete.cfm.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2014, Hawaii

Year	Coal	Natural Gas [a]	Petroleum				Nuclear Electric Power	Hydroelectric Power [d]	Biomass	Geothermal [f]	Solar/PV [f,g]	Wind [f]	Net Electricity Imports [h]	Total [f,i]
			Distillate Fuel Oil [b]	Petroleum Coke	Residual Fuel Oil [c]	Total			Wood and Waste [e,f]					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Million Kilowatthours			Million Kilowatthours				
1960	0	0	37	0	2,719	2,756	0	27	– –	0	NA	NA	0	– –
1965	0	0	61	0	4,292	4,353	0	22	– –	0	NA	NA	0	– –
1970	0	0	96	0	6,702	6,798	0	22	– –	0	NA	NA	0	– –
1975	0	0	429	0	8,880	9,309	0	18	– –	0	NA	NA	0	– –
1980	0	0	888	0	10,239	11,127	0	20	– –	0	NA	NA	0	– –
1985	0	0	752	0	10,295	11,047	0	19	– –	19	0	0	0	– –
1990	1	0	1,813	0	13,844	15,657	0	23	– –	0	0	29	0	– –
1995	703	0	2,211	0	10,709	12,921	0	34	– –	235	0	20	0	– –
1996	761	0	2,323	0	10,996	13,319	0	39	– –	242	0	23	0	– –
1997	767	0	2,302	0	10,873	13,175	0	49	– –	245	0	16	0	– –
1998	676	0	2,413	0	10,851	13,264	0	46	– –	237	0	19	0	– –
1999	684	0	2,555	0	10,898	13,453	0	45	– –	211	0	16	0	– –
2000	706	0	2,775	0	10,848	13,623	0	43	– –	262	0	17	0	– –
2001	716	0	2,975	0	10,613	13,588	0	50	– –	207	0	2	0	– –
2002	698	0	3,987	0	10,855	14,842	0	35	– –	73	0	2	0	– –
2003	R 732	0	2,297	0	10,801	13,098	0	40	– –	178	0	2	0	– –
2004	R 744	0	2,486	0	11,218	13,704	0	57	– –	213	0	7	0	– –
2005	R 680	0	2,584	0	11,304	13,888	0	62	– –	222	0	7	0	– –
2006	R 655	0	2,453	0	11,499	13,952	0	82	– –	212	0	80	0	– –
2007	R 692	0	2,313	0	11,426	13,738	0	55	– –	230	0	238	0	– –
2008	R 741	0	2,199	0	11,009	13,209	0	45	– –	234	(s)	240	0	– –
2009	R 703	0	2,250	0	10,704	12,954	0	77	– –	168	1	251	0	– –
2010	742	0	2,246	0	10,364	12,610	0	29	– –	201	2	261	0	– –
2011	724	0	2,264	0	10,255	12,518	0	45	– –	224	4	341	0	– –
2012	753	0	2,183	0	9,494	11,677	0	56	– –	261	5	378	0	– –
2013	692	0	2,079	0	9,216	11,295	0	34	– –	275	19	503	0	– –
2014	769	0	2,055	0	8,767	10,822	0	42	– –	254	39	579	0	– –
							Trillion Btu							
1960	0.0	0.0	0.2	0.0	17.1	17.3	0.0	0.3	0.0	0.0	NA	NA	0.0	17.6
1965	0.0	0.0	0.4	0.0	27.0	27.3	0.0	0.2	0.0	0.0	NA	NA	0.0	27.6
1970	0.0	0.0	0.6	0.0	42.1	42.7	0.0	0.2	0.3	0.0	NA	NA	0.0	43.2
1975	0.0	0.0	2.5	0.0	55.8	58.3	0.0	0.2	0.3	0.0	NA	NA	0.0	58.8
1980	0.0	0.0	5.2	0.0	64.4	69.5	0.0	0.2	0.0	0.0	NA	NA	0.0	69.7
1985	0.0	0.0	4.4	0.0	64.7	69.1	0.0	0.2	0.3	0.2	0.0	0.0	0.0	69.8
1990	(s)	0.0	10.6	0.0	87.0	97.6	0.0	0.2	7.8	0.0	0.0	0.3	0.0	105.9
1995	15.8	0.0	12.9	0.0	67.3	80.2	0.0	0.4	6.5	2.4	0.0	0.2	0.0	105.5
1996	16.7	0.0	13.5	0.0	69.1	82.7	0.0	0.4	4.9	2.5	0.0	0.2	0.0	107.4
1997	16.8	0.0	13.4	0.0	68.4	81.8	0.0	0.5	5.6	2.5	0.0	0.2	0.0	107.3
1998	14.9	0.0	14.0	0.0	68.2	82.3	0.0	0.5	5.4	2.4	0.0	0.2	0.0	105.6
1999	15.0	0.0	14.9	0.0	68.5	83.4	0.0	0.5	5.4	2.2	0.0	0.2	0.0	106.6
2000	15.5	0.0	16.1	0.0	68.2	84.4	0.0	0.4	5.3	2.7	0.0	0.2	0.0	108.5
2001	15.7	0.0	17.3	0.0	66.7	84.0	0.0	0.5	2.8	2.1	0.0	(s)	0.0	105.3
2002	16.0	0.0	23.2	0.0	68.2	91.4	0.0	0.4	2.4	0.7	0.0	(s)	0.0	110.9
2003	R 16.7	0.0	13.4	0.0	67.9	81.3	0.0	0.4	R 2.6	1.8	0.0	(s)	0.0	R 102.7
2004	R 16.7	0.0	14.5	0.0	70.5	85.0	0.0	0.6	R (s)	2.1	0.0	0.1	0.0	R 104.4
2005	R 15.1	0.0	15.0	0.0	71.1	86.1	0.0	0.6	R 0.0	2.2	0.0	0.1	0.0	R 104.1
2006	R 14.5	0.0	14.2	0.0	72.3	86.5	0.0	0.8	R (s)	2.1	0.0	0.8	0.0	R 104.7
2007	R 15.3	0.0	13.4	0.0	71.8	85.2	0.0	0.5	R 0.0	2.3	0.0	2.4	0.0	R 105.7
2008	R 15.8	0.0	12.7	0.0	69.2	81.9	0.0	0.4	R 0.0	2.3	(s)	2.4	0.0	R 102.8
2009	R 15.0	0.0	13.0	0.0	67.3	80.3	0.0	0.8	R (s)	1.6	(s)	2.5	0.0	R 100.3
2010	15.7	0.0	13.0	0.0	65.2	78.1	0.0	0.3	(s)	2.0	(s)	2.5	0.0	98.7
2011	14.8	0.0	13.1	0.0	64.5	77.5	0.0	0.4	0.6	2.2	(s)	3.3	0.0	98.9
2012	15.4	0.0	12.6	0.0	59.7	72.3	0.0	0.5	0.4	2.5	(s)	3.6	0.0	94.8
2013	13.9	0.0	12.0	0.0	57.9	69.9	0.0	0.3	0.5	2.6	0.2	4.8	0.0	92.3
2014	15.9	0.0	11.9	0.0	55.1	67.0	0.0	0.4	0.6	2.4	0.4	5.5	0.0	92.2

[a] Natural gas as it is consumed; 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 beginning 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 net energy and 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 comprises 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 http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.