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

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	5,258	187	11,163	195	5,017	29,463	1,071	6,288	53,197	0	881	NA
1965	5,722	248	11,068	232	7,448	30,792	531	5,690	55,760	0	928	NA
1970	6,166	349	13,677	725	11,038	35,701	401	4,986	66,528	0	935	NA
1971	5,896	345	14,257	655	11,139	37,325	414	4,910	68,698	0	913	NA
1972	6,945	345	14,941	730	12,506	38,404	509	4,948	72,038	0	993	NA
1973	7,026	365	15,531	710	12,692	42,104	572	4,645	76,253	0	906	NA
1974	6,173	368	14,825	749	13,369	38,847	697	4,535	73,022	1,330	891	NA
1975	6,407	346	14,553	835	13,645	39,042	608	3,966	72,649	2,291	879	NA
1976	8,311	311	15,088	964	18,586	40,738	931	4,679	80,987	2,479	645	NA
1977	9,175	280	15,977	1,004	17,854	41,237	1,096	4,853	82,020	2,888	780	NA
1978	10,110	238	16,915	1,127	15,698	40,927	921	5,160	80,749	1,209	930	NA
1979	11,352	292	20,711	1,039	14,686	38,501	1,216	5,723	81,876	2,889	898	NA
1980	12,340	270	15,930	813	11,167	35,394	415	3,805	67,523	2,563	946	NA
1981	13,483	253	14,513	717	9,891	34,274	98	3,750	63,242	2,204	982	528
1982	13,033	237	16,235	635	11,953	33,030	334	3,598	65,785	2,269	918	1,185
1983	13,540	221	14,099	591	12,026	32,386	207	2,973	62,283	2,309	920	1,186
1984	13,624	235	15,716	615	7,336	32,223	140	3,353	59,383	2,700	918	1,025
1985	14,342	226	15,823	592	8,507	31,465	182	3,409	59,979	1,927	989	820
1986	13,862	207	16,214	595	8,774	31,355	508	3,269	60,714	2,993	953	836
1987	15,191	203	16,531	779	6,098	31,687	117	3,086	58,298	2,523	971	967
1988	16,114	239	16,333	713	6,612	32,509	258	3,477	59,901	3,163	699	979
1989	17,126	226	15,600	750	7,174	32,574	182	2,903	59,183	3,139	672	1,116
1990	18,080	219	15,784	891	6,355	31,684	124	2,741	57,579	3,012	875	885
1991	18,905	234	14,513	892	7,255	32,471	96	2,767	57,995	4,147	901	1,102
1992	18,143	232	16,066	803	8,978	31,713	106	2,671	60,337	3,405	1,000	1,366
1993	19,328	248	16,699	720	15,651	32,703	162	2,676	68,612	3,235	747	1,611
1994	19,460	248	17,293	897	15,663	33,887	179	3,224	71,143	4,107	1,071	1,849
1995	20,728	261	17,748	1,046	16,989	34,418	92	2,857	73,150	3,730	1,003	1,811
1996	21,301	272	19,793	819	11,344	35,909	94	3,315	71,274	3,924	935	1,158
1997	21,798	254	19,652	793	10,296	35,577	71	3,936	70,325	4,149	805	1,410
1998	23,275	232	20,058	1,186	14,882	36,973	88	3,631	76,817	3,768	913	1,744
1999	23,590	231	19,588	885	18,746	36,993	100	4,550	80,861	3,640	946	1,888
2000	24,480	233	19,261	771	19,621	36,753	143	3,915	80,464	4,453	904	2,217
2001	24,398	224	20,101	777	16,127	36,768	44	3,072	76,889	3,853	845	2,330
2002	24,676	226	19,706	782	18,317	38,004	62	3,593	80,464	4,574	946	2,391
2003	24,868	230	18,930	793	13,337	38,249	150	3,385	74,843	3,988	789	2,555
2004	24,975	227	20,407	910	18,974	39,445	282	4,115	84,132	4,929	946	2,701
2005	24,276	241	20,560	990	20,881	39,215	194	4,299	86,138	4,538	960	842
2006	24,607	238	21,313	1,033	21,192	40,429	47	3,828	87,842	5,095	909	765
2007	26,350	293	22,873	899	16,893	40,251	44	3,375	84,336	4,519	962	1,320
2008	27,894	326	23,026	786	R 20,523	39,281	170	3,246	R 87,034	5,282	819	2,356
2009	25,554	315	22,227	525	R 21,389	39,588	66	R 2,781	R 86,575	4,679	971	2,295
2010	28,393	311	23,781	493	R 18,447	40,808	24	R 2,344	R 85,897	4,451	948	3,875
2011	26,466	307	24,092	663	R 17,961	41,028	32	R 2,233	R 86,009	5,215	925	4,065
2012	24,305	295	23,929	1,101	R 17,479	38,519	11	R 2,384	R 83,423	4,347	766	3,777
2013	23,160	326	24,058	1,072	R 19,799	R 39,115	6	R 3,159	R 87,210	5,321	749	R 3,712
2014	23,008	330	25,199	997	19,131	39,721	6	3,169	88,225	4,152	879	4,103

[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, Iowa

(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	115.9	193.7	65.0	1.0	19.6	154.8	6.7	38.2	285.4	595.0	*193.7*	*154.8*
1965	126.6	250.0	64.5	1.3	29.1	161.7	3.3	34.6	294.5	671.2	*250.0*	*161.7*
1970	130.9	351.8	79.7	4.1	42.0	187.5	2.5	31.0	346.8	829.4	*351.8*	*187.5*
1971	124.7	347.7	83.0	3.7	42.4	196.1	2.6	30.7	358.5	830.9	*347.7*	*196.1*
1972	144.9	347.6	87.0	4.1	47.5	201.7	3.2	30.8	374.4	866.9	*347.6*	*201.7*
1973	148.7	369.0	90.5	4.0	48.1	221.2	3.6	28.9	396.2	913.9	*369.0*	*221.2*
1974	128.2	371.6	86.4	4.2	50.4	204.1	4.4	28.1	377.5	877.3	*371.6*	*204.1*
1975	131.6	348.6	84.8	4.7	51.3	205.1	3.8	24.7	374.3	854.4	*348.6*	*205.1*
1976	169.5	313.9	87.9	5.4	69.3	214.0	5.9	29.0	411.5	894.9	*313.9*	*214.0*
1977	185.1	281.4	93.1	5.6	66.0	216.6	6.9	30.1	418.4	884.9	*281.4*	*216.6*
1978	201.3	238.8	98.5	6.3	58.0	215.0	5.8	32.1	415.8	855.9	*238.8*	*215.0*
1979	219.4	292.2	120.6	5.9	54.6	202.2	7.6	35.6	426.6	938.3	*292.2*	*202.2*
1980	234.4	270.3	92.8	4.6	41.5	185.9	2.6	23.3	350.7	855.5	*270.4*	*185.9*
1981	252.1	253.9	84.5	4.0	36.6	180.0	0.6	23.3	329.1	835.1	*254.0*	*180.0*
1982	243.9	238.9	94.6	3.6	43.8	173.5	2.1	22.4	339.9	822.7	*239.0*	*173.5*
1983	253.7	223.6	82.1	3.3	44.2	170.1	1.3	18.5	319.6	796.8	*223.6*	*170.1*
1984	251.5	238.3	91.5	3.4	27.1	169.3	0.9	20.9	313.1	802.9	*238.4*	*169.3*
1985	268.8	191.6	92.2	3.3	31.2	165.3	1.1	21.4	314.5	774.9	*228.4*	*165.3*
1986	262.1	163.6	94.4	3.3	32.5	164.7	3.2	20.6	318.7	744.5	*209.0*	*164.7*
1987	287.3	157.9	96.3	4.4	22.7	166.5	0.7	19.3	309.9	755.1	*204.7*	*166.5*
1988	306.1	196.3	95.1	4.0	24.7	170.8	1.6	22.0	318.2	820.6	*240.8*	*170.8*
1989	317.7	178.6	90.9	4.2	26.9	171.1	1.1	18.2	312.5	808.8	*228.2*	*171.1*
1990	335.0	172.1	91.9	5.0	23.5	166.4	0.8	17.2	304.9	812.0	*220.4*	*166.4*
1991	349.3	188.1	84.5	5.0	26.9	170.6	0.6	17.3	304.9	842.3	*235.8*	*170.6*
1992	329.3	179.6	93.6	4.5	33.1	166.6	0.7	16.6	315.1	823.9	*232.5*	*166.6*
1993	344.1	196.7	97.3	4.1	56.8	165.5	1.0	16.6	341.2	882.0	*248.8*	*171.1*
1994	348.9	198.5	100.6	5.1	57.3	170.8	1.1	20.3	355.3	902.7	*250.5*	*177.3*
1995	372.3	210.5	103.3	5.9	61.9	173.3	0.6	17.9	362.9	945.7	*262.5*	*179.6*
1996	383.7	223.1	115.2	4.6	42.1	183.4	0.6	20.9	366.8	973.6	*274.0*	*187.4*
1997	391.7	208.4	114.4	4.5	38.3	180.6	0.4	25.0	363.2	963.3	*256.8*	*185.5*
1998	424.9	184.9	116.7	6.7	54.3	186.8	0.6	22.8	387.9	997.6	*234.6*	*192.8*
1999	432.0	201.5	114.0	5.0	68.4	186.3	0.6	28.7	403.0	1,036.5	*235.1*	*192.8*
2000	445.9	203.0	112.1	4.4	71.3	183.9	0.9	24.7	397.3	1,046.2	*233.7*	*191.6*
2001	443.9	193.4	117.0	4.4	58.4	183.6	0.3	19.5	383.1	1,020.5	*225.2*	*191.7*
2002	441.5	194.0	114.7	4.4	66.5	189.7	0.4	22.8	398.6	1,034.1	*227.1*	*198.0*
2003	444.6	197.6	110.2	4.5	49.0	190.1	0.9	21.6	376.3	1,018.5	*230.9*	*199.0*
2004	443.2	198.0	118.7	5.2	68.8	195.8	1.8	26.4	416.7	1,057.9	*227.5*	*205.2*
2005	429.8	210.7	119.6	5.6	75.6	200.9	1.2	27.6	430.6	1,071.1	*242.8*	*203.8*
2006	435.2	207.2	123.7	5.9	76.5	207.2	0.3	24.4	438.0	1,080.3	*241.3*	*209.9*
2007	465.2	264.2	132.3	5.1	61.1	202.9	0.3	21.3	423.0	1,152.4	*296.2*	*207.5*
2008	485.2	297.4	133.1	4.5	R 74.2	193.2	1.1	20.6	R 426.5	R 1,209.1	*329.0*	*201.4*
2009	444.6	284.0	128.5	3.0	R 76.6	194.0	0.4	R 17.7	R 420.2	R 1,148.7	*317.4*	*201.9*
2010	493.8	278.8	137.4	2.8	R 66.1	193.8	0.1	R 14.7	R 414.9	R 1,187.5	*312.9*	*207.2*
2011	463.1	277.6	139.2	3.8	R 64.0	193.8	0.2	R 14.0	R 415.0	R 1,155.7	*309.7*	*207.9*
2012	422.6	266.3	138.2	6.2	R 62.3	181.9	0.1	R 15.2	R 403.9	R 1,092.7	*299.3*	*195.0*
2013	402.4	R 302.5	138.9	6.1	R 71.0	R 185.1	(s)	R 19.5	R 420.6	R 1,125.5	R *331.4*	R *198.0*
2014	401.2	311.3	145.5	5.7	68.1	186.7	(s)	19.4	425.5	1,137.9	*342.4*	*201.0*

[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, Iowa (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	9.5	6.4	NA	NA	6.4	0.0	NA	NA	15.9	-8.5	0.0	602.4
1965	0.0	9.7	5.5	NA	NA	5.5	0.0	NA	NA	15.2	11.0	0.0	697.4
1970	0.0	9.8	6.3	NA	NA	6.3	0.0	NA	NA	16.1	5.3	0.0	850.8
1971	0.0	9.6	6.6	NA	NA	6.6	0.0	NA	NA	16.1	15.7	0.0	862.7
1972	0.0	10.3	6.9	NA	NA	6.9	0.0	NA	NA	17.2	20.6	0.0	904.8
1973	0.0	9.4	7.3	NA	NA	7.3	0.0	NA	NA	16.7	32.6	0.0	963.2
1974	14.8	9.3	7.7	NA	NA	7.7	0.0	NA	NA	17.0	41.0	0.0	950.2
1975	25.2	9.1	7.9	NA	NA	7.9	0.0	NA	NA	17.0	45.9	0.0	942.6
1976	27.4	6.7	8.5	NA	NA	8.5	0.0	NA	NA	15.2	42.8	0.0	980.2
1977	31.1	8.1	9.0	NA	NA	9.0	0.0	NA	NA	17.1	48.1	0.0	981.2
1978	13.2	9.6	9.6	NA	NA	9.6	0.0	NA	NA	19.3	74.8	0.0	963.2
1979	31.4	9.3	9.7	NA	NA	9.7	0.0	NA	NA	18.9	51.2	0.0	1,039.9
1980	28.0	9.8	48.7	NA	NA	48.7	0.0	NA	NA	58.6	42.0	0.0	984.0
1981	24.3	10.3	49.6	1.8	2.5	53.9	0.0	NA	NA	64.2	45.7	0.0	969.3
1982	25.1	9.6	50.2	4.1	3.0	57.3	0.0	NA	NA	66.9	55.3	0.0	970.0
1983	25.2	9.7	54.7	4.1	3.6	62.4	0.0	NA	0.0	72.1	59.8	0.0	953.9
1984	29.3	9.6	57.8	3.6	4.7	66.0	0.0	0.0	0.0	75.6	29.5	0.0	937.3
1985	20.5	10.3	58.1	2.8	4.6	65.6	0.0	0.0	0.0	75.9	23.6	3.6	898.5
1986	31.7	10.0	78.6	2.9	8.5	90.0	0.0	0.0	0.0	100.0	26.4	0.0	902.5
1987	26.3	10.1	82.4	3.4	11.8	97.5	0.0	0.0	0.0	107.7	18.1	0.0	907.2
1988	33.5	7.2	89.2	3.4	11.7	104.3	0.0	0.0	0.0	111.5	13.3	0.0	979.0
1989	33.2	7.0	52.6	3.9	14.1	70.6	0.1	(s)	0.0	77.7	21.4	0.0	941.1
1990	31.9	9.1	47.8	3.1	14.0	64.9	0.1	(s)	0.0	74.0	27.9	0.0	945.9
1991	43.5	9.4	47.3	3.8	15.5	66.6	0.1	(s)	0.0	76.1	20.2	0.0	982.1
1992	35.7	10.3	45.7	4.7	19.4	69.8	0.1	(s)	0.0	80.2	33.5	0.0	973.3
1993	34.0	7.7	43.5	5.6	24.0	73.1	0.1	(s)	0.0	80.9	39.4	0.0	1,036.3
1994	42.9	11.0	40.8	6.4	27.0	74.2	0.2	(s)	(s)	85.4	36.8	0.0	1,067.9
1995	39.2	10.3	40.8	6.3	26.7	73.8	0.2	(s)	(s)	84.4	36.6	0.0	1,105.9
1996	41.2	9.7	48.3	4.0	26.5	78.8	0.2	(s)	(s)	88.7	45.1	0.0	1,148.6
1997	43.5	8.2	40.4	4.9	26.3	71.6	0.2	(s)	(s)	80.1	47.8	0.6	1,135.2
1998	39.5	9.3	37.3	6.0	26.1	69.4	0.3	(s)	(s)	79.0	28.3	0.2	1,144.7
1999	38.0	9.7	37.5	6.5	27.0	71.1	0.3	(s)	3.3	84.4	36.2	0.1	1,195.2
2000	46.4	9.2	31.6	7.7	26.9	66.1	0.3	(s)	5.0	80.7	18.4	(s)	1,191.8
2001	40.2	8.7	27.7	8.1	26.8	62.6	0.3	(s)	5.0	76.7	26.2	(s)	1,163.6
2002	47.8	9.6	30.8	8.3	26.7	65.8	0.4	(s)	9.3	85.2	25.8	0.0	1,192.9
2003	41.6	8.0	30.5	8.9	35.8	75.2	0.5	(s)	9.9	93.6	33.8	(s)	1,187.5
2004	51.4	9.5	30.6	9.4	50.7	90.6	0.6	(s)	10.5	111.2	22.5	(s)	1,243.0
2005	47.4	9.6	31.0	2.9	64.0	97.9	0.6	(s)	16.5	124.6	32.5	(s)	1,275.6
2006	53.2	9.0	20.9	2.7	86.0	109.5	0.7	(s)	23.0	142.2	27.7	(s)	1,303.4
2007	47.4	9.5	23.5	4.6	110.4	138.4	0.8	(s)	27.2	176.0	4.1	(s)	1,379.9
2008	55.2	8.1	23.9	8.2	131.1	163.2	0.9	(s)	40.2	212.4	-32.9	0.0	R 1,443.8
2009	48.9	9.5	26.7	7.9	171.0	205.6	1.0	(s)	72.4	288.6	-35.2	0.0	R 1,451.1
2010	46.5	9.3	26.8	13.4	199.0	239.3	1.2	0.1	89.5	339.2	-73.4	0.0	R 1,499.7
2011	54.6	9.0	18.8	14.1	198.5	231.4	1.4	0.1	104.1	345.9	-57.2	(s)	R 1,499.0
2012	45.6	7.3	17.3	13.1	186.2	216.6	1.3	0.1	133.5	358.8	-57.0	(s)	R 1,440.1
2013	55.6	7.1	19.5	12.9	195.1	R 227.5	1.3	0.1	148.5	R 384.6	R -46.9	0.0	R 1,518.9
2014	43.4	8.4	21.7	14.2	205.2	241.1	1.3	0.4	155.1	406.2	-45.7	0.0	1,541.9

[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, Iowa

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	3,141	139	10,904	195	5,017	29,463	1,033	6,288	52,899	2	– –	– –	– –	– –	8,208	– –	– –	– –
1965	2,962	195	10,886	232	7,448	30,792	503	5,690	55,550	2	– –	– –	– –	– –	11,560	– –	– –	– –
1970	2,136	271	13,350	725	11,038	35,701	352	4,986	66,152	1	– –	– –	– –	– –	15,473	– –	– –	– –
1975	1,472	299	14,046	835	13,645	39,042	394	3,966	71,927	1	– –	– –	– –	– –	20,085	– –	– –	– –
1980	1,595	263	15,762	813	11,167	35,394	352	3,805	67,292	1	– –	– –	– –	– –	24,858	– –	– –	– –
1985	1,850	224	15,722	592	8,507	31,465	180	3,409	59,875	1	– –	– –	– –	– –	25,677	– –	– –	– –
1990	2,599	215	15,660	891	6,355	31,684	124	2,741	57,456	0	– –	– –	– –	– –	29,437	– –	– –	– –
1995	2,851	257	17,593	1,046	16,989	34,418	92	2,857	72,995	0	– –	– –	– –	– –	34,301	– –	– –	– –
2000	3,163	228	19,038	771	19,621	36,753	143	3,915	80,241	0	– –	– –	– –	– –	39,088	– –	– –	– –
2001	3,093	219	19,883	777	16,127	36,768	44	3,072	76,670	0	– –	– –	– –	– –	39,444	– –	– –	– –
2002	3,173	221	19,570	782	18,317	38,004	62	3,593	80,328	0	– –	– –	– –	– –	40,898	– –	– –	– –
2003	3,187	226	18,718	793	13,337	38,249	150	3,385	74,631	0	– –	– –	– –	– –	41,207	– –	– –	– –
2004	3,102	219	20,230	910	18,974	39,445	282	4,053	83,893	0	– –	– –	– –	– –	40,903	– –	– –	– –
2005	3,204	220	20,205	990	20,881	39,215	194	4,299	85,784	0	– –	– –	– –	– –	42,757	– –	– –	– –
2006	3,370	219	21,043	1,033	21,192	40,429	47	3,628	87,372	0	– –	– –	– –	– –	43,337	– –	– –	– –
2007	3,332	267	22,431	899	16,893	40,251	44	3,119	83,637	0	– –	– –	– –	– –	45,270	– –	– –	– –
2008	3,161	308	22,847	786	R 20,523	39,281	170	3,094	R 86,702	0	– –	– –	– –	– –	45,488	– –	– –	– –
2009	2,947	305	22,100	525	R 21,389	39,588	66	R 2,728	R 86,395	0	– –	– –	– –	– –	43,641	– –	– –	– –
2010	3,613	299	23,598	493	R 18,447	40,808	24	R 2,210	R 85,580	0	– –	– –	– –	– –	45,445	– –	– –	– –
2011	3,789	297	23,934	663	R 17,961	41,028	32	R 2,094	R 85,713	0	– –	– –	– –	– –	45,655	– –	– –	– –
2012	3,558	279	23,725	1,101	R 17,479	38,519	11	R 2,361	R 83,196	0	– –	– –	– –	– –	45,709	– –	– –	– –
2013	3,643	314	23,875	1,072	R 19,799	R 39,115	6	R 3,159	R 87,026	0	– –	– –	– –	– –	R 46,705	– –	– –	– –
2014	3,303	319	25,072	997	19,131	39,721	6	3,169	88,097	0	– –	– –	– –	– –	47,202	– –	– –	– –
			Trillion Btu															
1960	72.0	143.4	63.5	1.0	19.6	154.8	6.5	38.2	283.6	(s)	6.1	NA	NA	NA	28.0	533.1	69.3	602.4
1965	68.1	197.2	63.4	1.3	29.1	161.7	3.2	34.6	293.3	(s)	5.1	NA	NA	NA	39.4	603.2	94.2	697.4
1970	46.7	273.2	77.8	4.1	42.0	187.5	2.2	31.0	344.6	(s)	5.9	NA	NA	NA	52.8	723.1	127.7	850.8
1975	31.0	301.3	81.8	4.7	51.3	205.1	2.5	24.7	370.0	(s)	7.5	NA	NA	NA	68.5	778.2	164.4	942.6
1980	34.2	263.5	91.8	4.6	41.5	185.9	2.2	23.3	349.3	(s)	48.4	NA	NA	NA	84.8	780.2	203.8	984.0
1985	41.5	226.2	91.6	3.3	31.2	165.3	1.1	21.4	313.9	(s)	57.5	4.6	NA	NA	87.6	697.8	200.7	898.5
1990	59.0	216.2	91.2	5.0	23.5	166.4	0.8	17.2	304.2	0.0	47.6	14.0	0.1	(s)	100.4	697.3	248.6	945.9
1995	60.1	257.8	102.4	5.9	61.9	179.6	0.6	17.9	368.3	0.0	40.1	26.7	0.2	(s)	117.0	819.3	286.6	1,105.9
2000	67.7	229.0	110.8	4.4	71.3	191.6	0.9	24.7	403.7	0.0	30.7	26.9	0.3	(s)	133.4	861.6	330.2	1,191.8
2001	65.7	219.4	115.7	4.4	58.4	191.7	0.3	19.5	389.9	0.0	26.6	26.8	0.3	(s)	134.6	832.5	331.1	1,163.6
2002	66.1	221.9	113.9	4.4	66.5	198.0	0.4	22.8	406.1	0.0	29.8	26.7	0.4	(s)	139.5	858.1	334.7	1,192.9
2003	67.2	226.6	108.9	4.5	49.0	199.0	0.9	21.6	383.9	0.0	29.5	35.8	0.5	(s)	140.6	851.5	335.9	1,187.5
2004	63.3	219.2	117.7	5.2	68.8	205.2	1.8	26.1	424.6	0.0	29.6	50.7	0.6	(s)	139.6	899.2	343.7	1,243.0
2005	65.6	221.4	117.6	5.6	75.6	203.8	1.2	27.6	431.4	0.0	30.0	64.0	0.6	(s)	145.9	929.9	345.7	1,275.6
2006	67.9	221.6	122.1	5.9	76.5	209.9	0.3	23.3	437.9	0.0	19.8	86.0	0.7	(s)	147.9	950.6	352.9	1,303.4
2007	68.4	270.0	129.8	5.1	61.1	207.5	0.3	19.9	423.6	0.0	22.0	110.4	0.8	(s)	154.5	1,020.6	359.3	1,379.9
2008	63.4	311.2	132.1	4.5	R 74.2	201.4	1.1	19.7	R 432.8	0.0	22.2	131.1	0.9	(s)	155.2	R 1,087.0	356.9	R 1,443.8
2009	58.7	307.3	127.8	3.0	R 76.6	201.9	0.4	R 17.4	R 427.1	0.0	25.3	171.0	1.0	(s)	148.9	R 1,107.0	344.1	R 1,451.1
2010	72.1	300.3	136.4	2.8	R 66.1	207.2	0.1	R 13.9	R 426.5	0.0	25.3	199.0	1.2	0.1	155.1	R 1,146.7	353.0	R 1,499.7
2011	76.0	299.7	138.2	3.8	R 64.0	207.9	0.2	R 13.2	R 427.4	0.0	17.4	198.5	1.4	0.1	155.8	R 1,145.2	353.8	R 1,499.0
2012	68.5	282.4	137.0	6.2	R 62.3	195.0	0.1	R 15.0	R 415.6	0.0	15.9	186.2	1.3	0.1	156.0	R 1,094.9	345.1	R 1,440.1
2013	69.1	R 319.0	137.9	6.1	R 71.0	R 198.0	(s)	R 19.5	R 432.4	0.0	18.1	195.1	1.3	0.1	R 159.4	R 1,166.9	R 352.0	R 1,518.9
2014	63.5	331.4	144.8	5.7	68.1	201.0	(s)	19.4	439.0	0.0	20.0	205.2	1.3	0.4	161.1	1,191.7	350.2	1,541.9

[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, Iowa

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	537	58	2,610	2,301	3,507	8,417	163	– –	– –	3,720	– –	– –	– –
1965	279	77	2,347	1,327	5,020	8,694	108	– –	– –	5,044	– –	– –	– –
1970	100	96	2,232	325	7,227	9,784	99	– –	– –	6,480	– –	– –	– –
1975	42	94	1,802	138	7,199	9,139	115	– –	– –	8,338	– –	– –	– –
1980	19	85	2,388	47	4,119	6,554	517	– –	– –	10,038	– –	– –	– –
1985	61	79	1,490	115	3,172	4,777	644	– –	– –	9,851	– –	– –	– –
1990	49	71	926	24	2,904	3,853	348	– –	– –	10,513	– –	– –	– –
1995	12	82	781	25	4,197	5,003	303	– –	– –	11,640	– –	– –	– –
1996	27	88	774	30	5,634	6,438	314	– –	– –	11,537	– –	– –	– –
1997	41	82	725	28	5,225	5,978	242	– –	– –	11,673	– –	– –	– –
1998	31	69	550	25	4,423	4,999	215	– –	– –	11,855	– –	– –	– –
1999	47	71	537	24	5,538	6,099	221	– –	– –	11,867	– –	– –	– –
2000	29	74	481	26	5,620	6,128	238	– –	– –	12,029	– –	– –	– –
2001	31	71	415	37	3,613	4,064	236	– –	– –	12,430	– –	– –	– –
2002	38	72	580	22	4,676	5,279	240	– –	– –	12,921	– –	– –	– –
2003	38	74	389	20	4,932	5,341	252	– –	– –	12,768	– –	– –	– –
2004	18	68	322	28	4,327	4,676	259	– –	– –	12,625	– –	– –	– –
2005	22	67	226	22	4,595	4,843	216	– –	– –	13,571	– –	– –	– –
2006	27	62	241	15	4,256	4,512	192	– –	– –	13,344	– –	– –	– –
2007	32	68	229	10	4,340	4,579	212	– –	– –	14,060	– –	– –	– –
2008	0	75	286	6	5,718	6,010	237	– –	– –	14,073	– –	– –	– –
2009	0	70	182	14	5,575	5,772	277	– –	– –	13,723	– –	– –	– –
2010	0	68	191	15	4,606	4,811	242	– –	– –	14,555	– –	– –	– –
2011	0	67	253	11	R 4,587	R 4,851	247	– –	– –	14,327	– –	– –	– –
2012	0	56	128	2	3,791	3,921	231	– –	– –	13,988	– –	– –	– –
2013	0	73	128	2	4,616	4,746	318	– –	– –	R 14,626	– –	– –	– –
2014	0	77	135	4	4,378	4,516	318	– –	– –	14,427	– –	– –	– –
							Trillion Btu						
1960	11.4	60.5	15.2	13.0	13.5	41.7	3.3	NA	NA	12.7	129.6	31.4	161.0
1965	5.9	78.0	13.7	7.5	19.3	40.5	2.2	NA	NA	17.2	143.8	41.1	184.9
1970	2.0	97.1	13.0	1.8	27.7	42.6	2.0	NA	NA	22.1	165.8	53.5	219.3
1975	0.8	95.1	10.5	0.8	27.6	38.9	2.3	NA	NA	28.4	165.5	68.2	233.8
1980	0.4	85.2	13.9	0.3	15.8	30.0	10.3	NA	NA	34.2	160.1	82.3	242.4
1985	1.3	79.6	8.7	0.7	12.2	21.5	12.9	NA	NA	33.6	135.5	77.0	212.4
1990	1.2	71.9	5.4	0.1	11.1	16.7	7.0	0.1	(s)	35.9	116.2	88.8	205.0
1995	0.3	82.6	4.5	0.1	16.1	20.8	6.1	0.1	(s)	39.7	132.5	97.2	229.7
1996	0.7	88.6	4.5	0.2	21.6	26.3	6.3	0.1	(s)	39.4	144.0	96.7	240.7
1997	1.0	82.4	4.2	0.2	20.0	24.4	4.8	0.1	(s)	39.8	136.3	96.9	233.2
1998	0.7	69.7	3.2	0.1	17.0	20.3	4.3	0.1	(s)	40.5	120.2	100.1	220.4
1999	1.2	72.8	3.1	0.1	21.2	24.5	4.4	0.1	(s)	40.5	132.8	100.9	233.6
2000	0.7	74.2	2.8	0.1	21.6	24.5	4.8	0.1	(s)	41.0	135.3	101.6	236.9
2001	0.7	71.3	2.4	0.2	13.9	16.5	4.7	0.1	(s)	42.4	125.3	104.4	229.7
2002	0.9	71.8	3.4	0.1	17.9	21.4	4.8	0.1	(s)	44.1	132.1	105.7	237.9
2003	0.9	74.2	2.3	0.1	18.9	21.3	5.0	0.2	(s)	43.6	134.0	104.1	238.1
2004	0.4	68.5	1.9	0.2	16.6	18.6	5.2	0.2	(s)	43.1	126.7	106.1	232.8
2005	0.5	67.7	1.3	0.1	17.6	19.1	4.3	0.2	(s)	46.3	128.7	109.7	238.4
2006	0.6	62.6	1.4	0.1	16.3	17.8	3.8	0.2	(s)	45.5	121.3	108.7	230.0
2007	0.8	68.4	1.3	0.1	16.6	18.0	4.2	0.3	(s)	48.0	132.0	111.6	243.6
2008	0.0	76.2	1.7	(s)	21.9	23.6	4.7	0.3	(s)	48.0	145.3	110.4	255.7
2009	0.0	70.6	1.1	0.1	21.4	22.5	5.5	0.4	(s)	46.8	138.1	108.2	246.3
2010	0.0	68.8	1.1	0.1	17.7	18.9	4.8	0.4	0.1	49.7	134.8	113.1	247.9
2011	0.0	67.7	1.5	0.1	R 17.6	R 19.1	4.9	0.7	0.1	48.9	R 134.1	111.0	R 245.1
2012	0.0	56.6	0.7	(s)	14.5	15.3	4.6	0.5	0.1	47.7	118.4	105.6	224.0
2013	0.0	R 73.7	0.7	(s)	17.7	18.5	6.4	0.5	0.1	R 49.9	R 142.4	R 110.2	R 252.7
2014	0.0	79.5	0.8	(s)	16.8	17.6	6.4	0.5	0.4	49.2	146.0	107.0	253.1

[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, Iowa

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	373	28	1,046	94	390	178	232	1,940	NA	– –	– –	1,812	– –	– –	– –
1965	211	39	941	54	558	194	135	1,882	NA	– –	– –	2,797	– –	– –	– –
1970	78	57	895	13	803	271	65	2,047	NA	– –	– –	3,655	– –	– –	– –
1975	97	67	722	6	800	323	115	1,966	NA	– –	– –	5,121	– –	– –	– –
1980	71	51	751	5	458	350	79	1,642	NA	– –	– –	5,502	– –	– –	– –
1985	217	48	1,167	7	352	237	1	1,765	NA	– –	– –	6,306	– –	– –	– –
1990	196	44	576	38	323	142	30	1,108	0	– –	– –	7,532	– –	– –	– –
1995	78	50	415	3	466	35	0	940	0	– –	– –	8,890	– –	– –	– –
1996	195	55	356	4	626	244	1	1,250	0	– –	– –	8,673	– –	– –	– –
1997	333	50	320	8	581	445	0	1,376	0	– –	– –	8,944	– –	– –	– –
1998	249	43	463	3	491	470	1	1,449	0	– –	– –	9,384	– –	– –	– –
1999	343	45	487	4	615	433	0	1,559	0	– –	– –	9,668	– –	– –	– –
2000	232	46	481	6	624	533	3	1,675	0	– –	– –	9,932	– –	– –	– –
2001	248	46	544	13	401	547	1	1,537	0	– –	– –	10,776	– –	– –	– –
2002	275	46	454	6	520	640	2	1,662	0	– –	– –	11,429	– –	– –	– –
2003	252	48	697	4	494	653	0	1,902	0	– –	– –	11,637	– –	– –	– –
2004	159	46	466	5	475	1,010	0	2,002	0	– –	– –	10,840	– –	– –	– –
2005	252	45	316	15	410	741	3	1,532	0	– –	– –	11,271	– –	– –	– –
2006	276	43	632	4	521	1,359	3	2,568	0	– –	– –	11,660	– –	– –	– –
2007	290	46	247	3	531	1,609	0	2,451	0	– –	– –	12,084	– –	– –	– –
2008	257	56	374	1	699	1,483	0	2,607	0	– –	– –	12,178	– –	– –	– –
2009	265	57	512	1	1,038	1,759	0	3,353	0	– –	– –	11,706	– –	– –	– –
2010	266	52	467	2	646	2,282	3	3,460	0	– –	– –	12,025	– –	– –	– –
2011	247	52	680	2	R 772	2,142	0	R 3,628	0	– –	– –	12,088	– –	– –	– –
2012	213	44	969	1	612	2,141	3	3,790	0	– –	– –	12,210	– –	– –	– –
2013	210	57	966	1	647	R 2,197	0	R 3,873	0	– –	– –	R 12,445	– –	– –	– –
2014	209	57	887	1	614	2,115	0	3,709	0	– –	– –	12,339	– –	– –	– –
			Trillion Btu												
1960	8.0	28.8	6.1	0.5	1.5	0.9	1.5	10.5	NA	0.1	NA	6.2	53.6	15.3	68.8
1965	4.5	39.1	5.5	0.3	2.1	1.0	0.9	9.8	NA	(s)	NA	9.5	62.9	22.8	85.7
1970	1.6	57.8	5.2	0.1	3.1	1.4	0.4	10.2	NA	(s)	NA	12.5	82.1	30.2	112.3
1975	1.8	67.5	4.2	(s)	3.1	1.7	0.7	9.7	NA	(s)	NA	17.5	96.5	41.9	138.4
1980	1.4	50.7	4.4	(s)	1.8	1.8	0.5	8.5	NA	0.3	NA	18.8	79.7	45.1	124.8
1985	4.6	48.2	6.8	(s)	1.4	1.2	(s)	9.4	NA	0.3	NA	21.5	76.0	49.3	125.2
1990	4.7	44.3	3.4	0.2	1.2	0.7	0.2	5.7	0.0	0.8	0.0	25.7	71.1	63.6	134.7
1995	1.9	50.6	2.4	(s)	1.8	0.2	0.0	4.5	0.0	1.0	0.1	30.3	78.0	74.3	152.2
1996	4.8	54.9	2.1	(s)	2.4	1.3	(s)	5.9	0.0	1.0	0.1	29.6	85.6	72.7	158.3
1997	7.8	50.6	1.9	(s)	2.2	2.3	0.0	6.6	0.0	2.8	0.2	30.5	88.6	74.2	162.8
1998	6.1	43.5	2.7	(s)	1.9	2.5	(s)	7.2	0.0	1.3	0.2	32.0	80.7	79.3	159.9
1999	8.9	45.8	2.8	(s)	2.4	2.3	0.0	7.6	0.0	1.0	0.2	33.0	89.7	82.2	171.8
2000	6.1	45.8	2.8	(s)	2.4	2.8	(s)	8.2	0.0	1.0	0.2	33.9	89.0	83.9	172.9
2001	5.9	46.1	3.2	0.1	1.5	2.8	(s)	7.8	0.0	1.1	0.2	36.8	91.1	90.5	181.6
2002	6.7	46.6	2.6	(s)	2.0	3.3	(s)	8.3	0.0	1.2	0.3	39.0	94.8	93.5	188.3
2003	6.1	48.2	4.1	(s)	1.9	3.4	0.0	9.7	0.0	1.5	0.3	39.7	98.3	94.9	193.1
2004	3.7	46.2	2.7	(s)	1.8	5.3	0.0	10.1	0.0	1.6	0.4	37.0	92.7	91.1	183.8
2005	5.9	45.4	1.8	0.1	1.6	3.9	(s)	7.6	0.0	1.6	0.5	38.5	93.2	91.1	184.4
2006	6.5	44.0	3.7	(s)	2.0	7.1	(s)	13.0	0.0	1.6	0.5	39.8	98.7	94.9	193.7
2007	6.8	46.8	1.4	(s)	2.0	8.3	0.0	12.1	0.0	1.4	0.5	41.2	103.7	95.9	199.6
2008	5.9	56.7	2.2	(s)	2.7	7.6	0.0	12.7	0.0	1.2	0.6	41.6	113.0	95.5	208.5
2009	6.1	57.1	3.0	(s)	4.0	9.0	0.0	16.2	0.0	1.4	0.6	39.9	115.0	92.3	207.3
2010	6.1	52.0	2.7	(s)	2.5	11.6	(s)	17.1	0.0	1.3	0.7	41.0	112.5	93.4	205.9
2011	5.7	52.3	3.9	(s)	R 3.0	10.9	0.0	R 17.9	0.0	1.4	0.7	41.2	R 113.7	93.7	R 207.4
2012	4.9	44.4	5.6	(s)	2.3	10.8	(s)	19.2	0.0	1.2	0.7	41.7	107.0	92.2	199.2
2013	4.8	R 57.5	5.6	(s)	2.5	R 11.1	0.0	R 19.5	0.0	1.3	0.7	42.5	R 121.2	93.8	R 214.9
2014	4.8	59.6	5.1	(s)	2.4	10.7	0.0	18.7	0.0	1.4	0.7	42.1	121.8	91.5	213.3

[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, Iowa

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	2,193	43	5,536	1,098	5,797	573	3,011	16,016	2	– –	– –	– –	2,676	– –	– –	– –
1965	2,464	68	5,607	1,815	5,373	354	3,471	16,620	2	– –	– –	– –	3,719	– –	– –	– –
1970	1,955	99	5,884	2,949	5,391	261	3,913	18,398	1	– –	– –	– –	5,338	– –	– –	– –
1975	1,333	121	4,670	5,593	3,791	279	3,130	17,463	1	– –	– –	– –	6,626	– –	– –	– –
1980	1,505	115	4,698	6,557	2,612	273	3,047	17,187	1	– –	– –	– –	9,318	– –	– –	– –
1985	1,572	87	4,971	4,893	1,703	179	2,729	14,475	1	– –	– –	– –	9,520	– –	– –	– –
1990	2,353	90	4,807	3,087	1,072	94	2,046	11,105	0	– –	– –	– –	11,392	– –	– –	– –
1995	2,761	113	5,636	12,267	1,038	92	2,228	21,260	0	– –	– –	– –	13,771	– –	– –	– –
1996	3,085	114	6,247	4,986	1,105	93	2,696	15,128	0	– –	– –	– –	14,789	– –	– –	– –
1997	3,103	107	6,475	4,399	1,092	71	3,276	15,314	0	– –	– –	– –	15,531	– –	– –	– –
1998	2,832	105	6,572	9,946	900	88	2,962	20,468	0	– –	– –	– –	16,079	– –	– –	– –
1999	2,995	101	5,915	12,589	879	100	3,868	23,352	0	– –	– –	– –	16,499	– –	– –	– –
2000	2,902	100	6,027	13,368	784	140	3,232	23,551	0	– –	– –	– –	17,127	– –	– –	– –
2001	2,814	93	6,813	12,031	1,201	43	2,435	22,524	0	– –	– –	– –	16,238	– –	– –	– –
2002	2,860	92	6,209	13,111	1,265	60	2,922	23,567	0	– –	– –	– –	16,548	– –	– –	– –
2003	2,898	94	4,722	7,859	1,323	150	2,756	16,810	0	– –	– –	– –	16,803	– –	– –	– –
2004	2,925	94	4,571	14,128	1,698	282	3,426	24,105	0	– –	– –	– –	17,437	– –	– –	– –
2005	2,930	96	4,550	15,814	1,568	191	3,617	25,740	0	– –	– –	– –	17,915	– –	– –	– –
2006	3,067	101	4,418	16,355	1,702	44	3,061	25,580	0	– –	– –	– –	18,331	– –	– –	– –
2007	3,009	141	4,683	11,945	1,394	44	2,538	20,604	0	– –	– –	– –	19,125	– –	– –	– –
2008	2,904	162	5,633	R 13,971	1,102	170	2,531	R 23,407	0	– –	– –	– –	19,237	– –	– –	– –
2009	2,682	165	5,544	R 14,638	1,152	66	R 2,192	R 23,591	0	– –	– –	– –	18,211	– –	– –	– –
2010	3,348	167	6,119	R 12,960	1,320	20	R 1,635	R 22,054	0	– –	– –	– –	18,865	– –	– –	– –
2011	3,542	167	5,949	R 12,396	1,355	32	R 1,578	R 21,309	0	– –	– –	– –	19,240	– –	– –	– –
2012	3,345	169	6,290	R 12,921	985	8	R 1,862	R 22,067	0	– –	– –	– –	19,512	– –	– –	– –
2013	3,433	174	6,181	R 14,337	R 970	6	R 2,651	R 24,146	0	– –	– –	– –	R 19,635	– –	– –	– –
2014	3,094	173	6,643	13,976	786	6	2,610	24,021	0	– –	– –	– –	20,436	– –	– –	– –
			Trillion Btu													
1960	51.7	44.9	32.2	4.6	30.5	3.6	19.6	90.5	(s)	2.8	NA	NA	9.1	199.0	22.6	221.6
1965	57.5	68.9	32.7	7.5	28.2	2.2	22.0	92.7	(s)	2.9	NA	NA	12.7	234.7	30.3	265.0
1970	43.0	99.9	34.3	11.0	28.3	1.6	24.8	100.1	(s)	3.9	NA	NA	18.2	265.0	44.1	309.1
1975	28.4	122.5	27.2	20.4	19.9	1.8	19.9	89.1	(s)	5.1	NA	NA	22.6	267.7	54.2	322.0
1980	32.4	114.9	27.4	23.8	13.7	1.7	18.9	85.5	(s)	37.8	NA	NA	31.8	302.4	76.4	378.8
1985	35.6	88.0	29.0	17.4	8.9	1.1	17.4	73.8	(s)	44.3	4.6	NA	32.5	264.1	74.4	338.5
1990	53.1	90.9	28.0	11.0	5.6	0.6	13.1	58.3	0.0	39.9	14.0	0.0	38.9	274.4	96.2	370.6
1995	57.9	113.5	32.8	43.8	5.4	0.6	14.2	96.8	0.0	33.1	26.7	0.0	47.0	351.5	115.0	466.6
1996	65.7	114.4	36.4	17.7	5.8	0.6	17.2	77.7	0.0	40.2	26.5	0.0	50.5	352.7	123.9	476.7
1997	65.0	108.1	37.7	15.7	5.7	0.4	21.1	80.6	0.0	32.0	26.3	0.0	53.0	343.6	128.9	472.5
1998	60.0	106.5	38.2	35.4	4.7	0.6	18.8	97.7	0.0	30.9	26.1	0.0	54.9	352.5	135.8	488.3
1999	63.4	103.3	34.4	44.7	4.6	0.6	24.7	109.0	0.0	31.3	27.0	0.0	56.3	375.0	140.2	515.2
2000	60.9	100.6	35.1	47.3	4.1	0.9	20.7	108.0	0.0	24.9	26.9	0.0	58.4	366.0	144.7	510.7
2001	59.1	92.9	39.6	42.6	6.3	0.3	15.7	104.5	0.0	20.9	26.8	0.0	55.4	345.9	136.3	482.2
2002	58.5	92.5	36.1	46.5	6.6	0.4	18.9	108.5	0.0	23.8	26.7	0.0	56.5	352.3	135.4	487.8
2003	60.2	94.1	27.5	28.0	6.9	0.9	17.9	81.2	0.0	23.0	35.8	0.0	57.3	337.5	137.0	474.4
2004	59.2	94.2	26.6	50.2	8.8	1.8	22.4	109.8	0.0	22.8	50.7	0.0	59.5	383.4	146.5	529.9
2005	59.1	96.6	26.5	56.2	8.2	1.2	23.6	115.6	0.0	24.1	64.0	0.0	61.1	407.2	144.9	552.0
2006	60.8	102.3	25.6	58.0	8.8	0.3	19.9	112.6	0.0	14.4	86.0	0.0	62.5	423.4	149.3	572.6
2007	60.8	142.3	27.1	42.1	7.2	0.3	16.4	93.1	0.0	16.3	110.4	0.0	65.3	472.1	151.8	623.9
2008	57.5	164.1	32.6	R 49.0	5.6	1.1	16.4	R 104.7	0.0	16.3	131.1	0.0	65.6	R 522.7	150.9	R 673.7
2009	52.6	165.7	32.0	R 50.7	5.9	0.4	R 14.2	R 103.3	0.0	18.4	171.0	0.0	62.1	R 554.8	143.6	R 698.4
2010	66.0	168.4	35.4	R 45.0	6.7	0.1	R 10.6	R 97.7	0.0	19.1	199.0	0.0	64.4	R 595.6	146.5	R 742.1
2011	70.3	168.7	34.4	R 42.7	6.9	0.2	R 10.2	R 94.3	0.0	11.0	198.5	0.0	65.6	R 590.4	149.1	R 739.5
2012	63.6	171.2	36.3	R 44.8	5.0	0.1	R 12.1	R 98.3	0.0	R 10.0	186.2	0.0	66.6	R 576.3	147.3	R 723.6
2013	64.3	R 176.3	35.7	R 50.0	4.9	(s)	R 16.5	R 107.1	0.0	10.5	195.1	0.0	67.0	R 604.4	R 148.0	R 752.4
2014	58.7	179.2	38.4	48.4	4.0	(s)	16.1	106.8	0.0	12.2	205.2	0.0	69.7	614.9	151.6	766.5

[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, Iowa

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	38	9	366	1,711	195	23	516	23,488	227	26,526	0	– –	– –	– –
1965	8	11	358	1,991	232	55	480	25,224	15	28,354	0	– –	– –	– –
1970	3	18	256	4,339	725	58	480	30,039	26	35,923	0	– –	– –	– –
1975	(s)	16	191	6,851	835	53	501	34,929	0	43,359	0	– –	– –	– –
1980	0	13	184	7,924	813	34	522	32,432	0	41,909	0	– –	– –	– –
1985	0	10	83	8,094	592	90	475	29,525	0	38,858	0	– –	– –	– –
1990	0	9	99	9,352	891	42	534	30,470	(s)	41,389	0	– –	– –	– –
1995	0	11	72	10,762	1,046	58	510	33,345	0	45,793	0	– –	– –	– –
1996	0	13	71	12,275	819	98	495	34,561	0	48,318	0	– –	– –	– –
1997	0	11	78	11,914	793	91	522	34,040	0	47,439	0	– –	– –	– –
1998	0	9	72	12,198	1,186	21	547	35,603	0	49,626	(s)	– –	– –	– –
1999	0	8	81	12,341	885	4	553	35,681	0	49,544	(s)	– –	– –	– –
2000	0	8	78	12,049	771	9	544	35,436	0	48,888	(s)	– –	– –	– –
2001	0	9	57	12,111	777	82	499	35,020	0	48,546	(s)	– –	– –	– –
2002	0	11	109	12,327	782	10	493	36,099	0	49,820	(s)	– –	– –	– –
2003	0	10	95	12,910	793	52	456	36,273	0	50,578	0	– –	– –	– –
2004	0	10	87	14,871	910	44	462	36,738	0	53,110	0	– –	– –	– –
2005	0	12	139	15,113	990	62	459	36,906	0	53,668	0	– –	– –	– –
2006	0	13	52	15,752	1,033	61	447	37,368	0	54,713	1	– –	– –	– –
2007	0	12	45	17,272	899	77	462	37,248	0	56,004	0	– –	– –	– –
2008	0	14	77	16,555	786	135	429	36,697	0	54,678	0	– –	– –	– –
2009	0	14	92	15,862	525	138	386	36,677	0	53,679	0	– –	– –	– –
2010	0	11	70	16,822	493	236	429	37,206	0	55,255	0	– –	– –	– –
2011	0	11	66	17,053	663	207	407	37,531	0	55,926	0	– –	– –	– –
2012	0	10	58	16,338	1,101	155	374	35,392	0	53,418	0	– –	– –	– –
2013	0	11	48	16,600	1,072	199	396	R 35,948	0	R 54,262	0	– –	– –	– –
2014	0	13	50	17,408	997	163	413	36,820	0	55,852	0	– –	– –	– –
			Trillion Btu											
1960	0.9	9.2	1.8	10.0	1.0	0.1	3.1	123.4	1.4	140.9	0.0	151.0	0.0	151.0
1965	0.2	11.2	1.8	11.6	1.3	0.2	2.9	132.5	0.1	150.4	0.0	161.7	0.0	161.7
1970	0.1	18.5	1.3	25.3	4.1	0.2	2.9	157.8	0.2	191.7	0.0	210.2	0.0	210.2
1975	(s)	16.2	1.0	39.9	4.7	0.2	3.0	183.5	0.0	232.3	0.0	248.5	0.0	248.5
1980	0.0	12.7	0.9	46.2	4.6	0.1	3.2	170.4	0.0	225.3	0.0	238.0	0.0	238.0
1985	0.0	10.5	0.4	47.1	3.3	0.3	2.9	155.1	0.0	209.2	0.0	222.3	0.0	222.3
1990	0.0	9.2	0.5	54.5	5.0	0.2	3.2	160.1	(s)	223.5	0.0	235.6	0.0	235.6
1995	0.0	11.1	0.4	62.6	5.9	0.2	3.1	174.0	0.0	246.2	0.0	257.4	0.0	257.4
1996	0.0	12.7	0.4	71.4	4.6	0.4	3.0	180.3	0.0	260.2	0.0	272.9	0.0	272.9
1997	0.0	11.4	0.4	69.3	4.5	0.4	3.2	177.5	0.0	255.3	0.0	266.7	0.0	266.7
1998	0.0	8.9	0.4	71.0	6.7	0.1	3.3	185.7	0.0	267.1	(s)	276.0	(s)	276.0
1999	0.0	7.9	0.4	71.8	5.0	(s)	3.4	186.0	0.0	266.6	(s)	274.5	(s)	274.5
2000	0.0	8.3	0.4	70.1	4.4	(s)	3.3	184.8	0.0	263.0	(s)	271.3	(s)	271.3
2001	0.0	9.1	0.3	70.5	4.4	0.3	3.0	182.6	0.0	261.1	(s)	270.2	(s)	270.2
2002	0.0	11.0	0.5	71.7	4.4	(s)	3.0	188.1	0.0	267.9	(s)	278.9	(s)	278.9
2003	0.0	10.0	0.5	75.1	4.5	0.2	2.8	188.7	0.0	271.8	0.0	281.8	0.0	281.8
2004	0.0	10.3	0.4	86.5	5.2	0.2	2.8	191.1	0.0	286.2	0.0	296.4	0.0	296.4
2005	0.0	11.7	0.7	87.9	5.6	0.2	2.8	191.8	0.0	289.1	0.0	300.8	0.0	300.8
2006	0.0	12.7	0.3	91.4	5.9	0.2	2.7	194.0	0.0	294.4	(s)	307.1	(s)	307.1
2007	0.0	12.4	0.2	99.9	5.1	0.3	2.8	192.0	0.0	300.4	0.0	312.8	0.0	312.8
2008	0.0	14.2	0.4	95.7	4.5	0.5	2.6	188.1	0.0	291.8	0.0	306.0	0.0	306.0
2009	0.0	13.9	0.5	91.7	3.0	0.5	2.3	187.1	0.0	285.1	0.0	299.0	0.0	299.0
2010	0.0	11.1	0.4	97.2	2.8	0.9	2.6	188.9	0.0	292.8	0.0	303.9	0.0	303.9
2011	0.0	10.9	0.3	98.5	3.8	0.8	2.5	190.2	0.0	296.1	0.0	307.0	0.0	307.0
2012	0.0	10.3	0.3	94.3	6.2	0.6	2.3	179.2	0.0	282.9	0.0	293.2	0.0	293.2
2013	0.0	R 11.6	0.2	95.8	6.1	0.8	2.4	R 182.0	0.0	R 287.3	0.0	R 298.9	0.0	R 298.9
2014	0.0	13.1	0.3	100.5	5.7	0.6	2.5	186.3	0.0	295.9	0.0	309.0	0.0	309.0

[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, Iowa

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	2,118	49	259	0	39	298	0	879	– –	0	NA	NA	0	– –
1965	2,760	52	183	0	27	210	0	926	– –	0	NA	NA	0	– –
1970	4,030	78	327	0	49	375	0	934	– –	0	NA	NA	0	– –
1975	4,936	47	507	0	214	722	2,291	877	– –	0	NA	NA	0	– –
1980	10,745	7	168	0	63	231	2,563	945	– –	0	NA	NA	0	– –
1985	12,491	2	101	0	2	103	1,927	988	– –	0	0	0	1,059	– –
1990	15,482	4	123	0	0	123	3,012	875	– –	0	0	0	0	– –
1995	17,877	5	154	0	0	154	3,730	1,003	– –	0	0	(s)	0	– –
1996	17,994	3	140	0	0	140	3,924	935	– –	0	0	(s)	0	– –
1997	18,322	4	219	0	0	219	4,149	805	– –	0	0	(s)	165	– –
1998	20,163	6	275	0	0	275	3,768	913	– –	0	0	(s)	67	– –
1999	20,206	5	308	0	0	308	3,640	946	– –	0	0	326	28	– –
2000	21,317	5	223	0	0	223	4,453	904	– –	0	0	494	(s)	– –
2001	21,305	6	218	0	0	218	3,853	845	– –	0	0	488	5	– –
2002	21,504	5	136	0	0	136	4,574	946	– –	0	0	919	0	– –
2003	21,680	4	212	0	0	212	3,988	789	– –	0	0	982	-1	– –
2004	21,873	8	177	62	0	239	4,929	946	– –	0	0	1,050	-1	– –
2005	21,072	21	355	0	0	355	4,538	960	– –	0	0	1,647	-1	– –
2006	21,236	20	270	199	0	470	5,095	909	– –	0	0	2,318	(s)	– –
2007	23,019	26	442	256	0	699	4,519	962	– –	0	0	2,757	(s)	– –
2008	24,734	18	180	152	0	332	5,282	819	– –	0	0	4,084	0	– –
2009	22,607	10	128	53	0	180	4,679	971	– –	0	0	7,421	0	– –
2010	24,780	13	183	134	0	317	4,451	948	– –	0	0	9,170	0	– –
2011	22,677	10	158	138	0	296	5,215	925	– –	0	0	10,705	(s)	– –
2012	20,747	17	204	24	0	227	4,347	766	– –	0	0	14,030	(s)	– –
2013	19,517	12	183	0	0	183	5,321	749	– –	0	0	15,565	0	– –
2014	19,705	10	127	0	0	127	4,152	879	– –	0	0	16,303	0	– –
							Trillion Btu							
1960	44.0	50.3	1.5	0.0	0.2	1.8	0.0	9.5	0.3	0.0	NA	NA	0.0	105.8
1965	58.6	52.8	1.1	0.0	0.2	1.2	0.0	9.7	0.3	0.0	NA	NA	0.0	122.6
1970	84.2	78.6	1.9	0.0	0.3	2.2	0.0	9.8	0.4	0.0	NA	NA	0.0	175.2
1975	100.6	47.3	3.0	0.0	1.3	4.3	25.2	9.1	0.4	0.0	NA	NA	0.0	187.0
1980	200.2	6.9	1.0	0.0	0.4	1.4	28.0	9.8	0.3	0.0	NA	NA	0.0	246.6
1985	227.3	2.1	0.6	0.0	(s)	0.6	20.5	10.3	0.6	0.0	0.0	0.0	3.6	264.7
1990	276.0	4.2	0.7	0.0	0.0	0.7	31.9	9.1	0.2	0.0	0.0	0.0	0.0	321.1
1995	312.2	4.7	0.9	0.0	0.0	0.9	39.2	10.3	0.7	0.0	0.0	(s)	0.0	367.0
1996	312.5	3.4	0.8	0.0	0.0	0.8	41.2	9.7	0.7	0.0	0.0	(s)	0.0	367.7
1997	317.9	4.2	1.3	0.0	0.0	1.3	43.5	8.2	0.7	0.0	0.0	(s)	0.6	375.6
1998	358.1	6.0	1.6	0.0	0.0	1.6	39.5	9.3	0.8	0.0	0.0	(s)	0.2	414.2
1999	358.5	5.3	1.8	0.0	0.0	1.8	38.0	9.7	0.9	0.0	0.0	3.3	0.1	416.8
2000	378.2	4.8	1.3	0.0	0.0	1.3	46.4	9.2	0.8	0.0	0.0	5.0	(s)	445.2
2001	378.2	5.8	1.3	0.0	0.0	1.3	40.2	8.7	1.0	0.0	0.0	5.0	(s)	439.5
2002	375.4	5.3	0.8	0.0	0.0	0.8	47.8	9.6	1.0	0.0	0.0	9.3	0.0	448.5
2003	377.4	4.3	1.2	0.0	0.0	1.2	41.6	8.0	1.0	0.0	0.0	9.9	(s)	442.8
2004	379.9	8.3	1.0	0.4	0.0	1.4	51.4	9.5	1.0	0.0	0.0	10.5	(s)	460.8
2005	364.2	21.4	2.1	0.0	0.0	2.1	47.4	9.6	1.0	0.0	0.0	16.5	(s)	459.1
2006	367.3	19.7	1.6	1.1	0.0	2.7	53.2	9.0	1.1	0.0	0.0	23.0	(s)	473.0
2007	396.8	26.2	2.6	1.5	0.0	4.0	47.4	9.5	1.5	0.0	0.0	27.2	(s)	509.7
2008	421.8	17.8	1.0	0.9	0.0	1.9	55.2	8.1	1.7	0.0	0.0	40.2	0.0	544.9
2009	385.9	10.1	0.7	0.3	0.0	1.0	48.9	9.5	1.5	0.0	0.0	72.4	0.0	528.2
2010	421.7	12.7	1.1	0.8	0.0	1.8	46.5	9.3	1.5	0.0	0.0	89.5	0.0	581.5
2011	387.1	10.0	0.9	0.8	0.0	1.7	54.6	9.0	1.4	0.0	0.0	104.0	(s)	566.8
2012	354.1	16.9	1.2	0.1	0.0	1.3	45.6	7.3	1.4	0.0	0.0	133.5	(s)	558.1
2013	333.3	12.4	1.1	0.0	0.0	1.1	55.6	7.1	1.4	0.0	0.0	148.5	0.0	558.2
2014	337.7	11.0	0.7	0.0	0.0	0.7	43.4	8.4	1.7	0.0	0.0	155.0	0.0	556.9

[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.