

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

Year	Coal	Natural Gas <sup>a</sup>	Petroleum							Nuclear Electric Power	Hydro-electric Power <sup>f</sup>	Fuel Ethanol <sup>g</sup>
			Distillate Fuel Oil	Jet Fuel <sup>b</sup>	LPG <sup>c</sup>	Motor Gasoline <sup>d</sup>	Residual Fuel Oil	Other <sup>e</sup>	Total			
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels							Million Kilowatthours	Thousand Barrels	
1960	5,976	180	16,151	472	4,525	32,583	6,658	9,046	69,435	0	887	NA
1965	7,259	249	18,960	2,624	5,781	35,278	4,980	9,886	77,507	143	1,093	NA
1970	8,787	342	22,356	3,491	8,887	44,122	5,159	10,420	94,435	0	894	NA
1971	7,884	351	23,814	3,985	9,430	45,866	4,133	10,295	97,523	1,394	980	NA
1972	8,287	351	26,014	4,528	10,415	47,727	7,115	11,367	107,166	3,559	1,041	NA
1973	9,384	361	26,735	5,185	9,816	49,154	7,038	12,443	110,370	3,270	1,057	NA
1974	10,141	352	25,009	5,545	9,259	47,932	5,891	11,963	105,600	4,363	918	NA
1975	10,120	331	24,369	5,629	9,187	48,253	4,326	10,887	102,651	9,750	917	NA
1976	12,056	320	28,359	5,313	8,769	49,942	5,629	11,691	109,702	9,911	588	NA
1977	14,702	293	26,975	5,271	8,304	50,914	4,487	11,342	107,294	11,163	670	NA
1978	14,374	313	28,693	5,093	7,326	52,943	4,395	11,524	109,974	11,591	1,081	NA
1979	12,954	334	27,020	5,644	8,509	50,475	2,635	10,449	104,732	11,503	917	NA
1980	13,810	286	21,382	5,142	7,697	46,211	3,183	8,630	92,244	10,027	786	NA
1981	13,894	266	18,698	4,516	5,956	45,024	1,576	7,441	83,211	10,187	938	9
1982	12,115	262	20,900	4,261	7,492	44,877	1,693	7,527	86,750	10,197	1,006	11
1983	11,984	241	17,388	4,044	7,538	46,061	1,567	9,040	85,636	11,753	1,073	8
1984	13,258	256	19,099	7,331	4,983	48,051	1,109	9,269	89,842	8,328	971	6
1985	12,744	257	19,891	7,781	5,353	45,285	859	9,245	88,414	11,572	973	658
1986	11,327	245	19,275	7,801	6,280	45,776	1,797	9,840	90,769	11,052	1,081	812
1987	14,504	240	19,310	5,656	5,418	47,018	1,208	10,709	89,318	11,554	865	521
1988	17,285	284	20,497	5,142	5,621	48,813	1,277	10,769	92,118	12,288	677	418
1989	18,279	300	20,592	4,663	6,088	48,576	1,062	11,666	92,648	10,926	817	493
1990	18,377	291	19,576	5,099	5,966	47,760	961	12,912	92,275	12,139	857	577
1991	16,993	314	21,107	4,978	6,595	48,578	1,047	11,518	93,822	12,059	1,037	1,102
1992	16,924	309	21,270	6,621	8,008	49,693	1,176	12,711	99,477	11,166	1,063	1,729
1993	18,321	328	20,786	9,438	8,926	51,348	1,235	12,061	103,793	11,986	1,151	3,224
1994	18,729	324	22,035	9,780	9,445	52,540	1,085	12,612	107,497	12,224	1,139	3,690
1995	18,947	353	23,038	9,969	9,758	54,303	647	13,762	111,477	13,243	1,098	3,968
1996	19,703	368	24,016	10,625	12,018	54,866	783	15,478	117,787	12,095	1,187	3,023
1997	19,086	354	23,757	10,892	10,269	55,755	695	15,626	116,994	10,819	1,035	4,523
1998	19,958	331	24,606	10,709	7,410	58,106	515	14,941	116,288	11,644	955	5,063
1999	19,082	345	23,920	12,591	8,705	59,894	552	16,224	121,888	13,316	1,179	5,500
2000	20,735	362	24,846	13,301	9,844	61,120	930	15,338	125,378	12,960	931	5,589
2001	19,683	341	24,995	11,588	8,974	62,236	1,146	15,469	124,408	11,789	832	5,718
2002	20,455	372	24,636	11,064	11,302	63,503	992	14,196	125,694	13,685	809	6,190
2003	21,998	371	25,336	11,977	10,862	64,638	1,063	15,435	129,311	13,414	815	6,736
2004	21,382	360	26,457	12,505	11,662	64,804	1,461	15,463	132,351	13,296	738	6,403
2005	21,381	368	26,439	12,656	11,161	64,697	1,710	16,777	133,440	12,835	775	5,016
2006	20,935	353	26,035	11,773	10,363	64,432	851	16,273	129,726	13,183	572	4,621
2007	20,595	388	27,334	11,275	10,401	64,627	1,348	15,715	130,701	13,103	654	5,848
2008	20,182	425	26,562	10,238	R 9,701	62,903	2,051	13,388	124,843	12,997	727	6,235
2009	18,576	394	23,162	9,200	10,587	61,240	691	R 12,083	R 116,963	12,393	809	6,140
2010	17,929	423	25,225	9,081	8,148	61,587	585	R 12,419	R 117,043	13,478	840	7,829
2011	17,846	421	26,464	9,372	R 7,854	58,738	520	R 12,344	R 115,293	11,959	746	7,025
2012	14,518	422	26,634	8,973	7,466	60,715	128	R 12,479	R 116,395	11,944	561	7,282
2013	15,041	468	27,217	5,837	R 9,847	R 60,569	95	R 12,474	R 116,041	10,708	511	R 7,394
2014	17,781	474	27,807	5,367	10,674	60,018	67	11,700	115,633	12,707	548	7,338

<sup>a</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.<sup>b</sup> 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."<sup>c</sup> Liquefied petroleum gases, includes ethane and olefins.<sup>d</sup> Motor gasoline as it is consumed; includes fuel ethanol blended into motor gasoline.<sup>e</sup> 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."<sup>f</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be

separately identified.

<sup>g</sup> 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, Minnesota**  
(Trillion Btu)

Year	Fossil Fuels										Fossil Fuels (as commingled)	
	Coal	Natural Gas excluding Supplemental Gaseous Fuels <sup>a</sup>	Petroleum							Total	Natural Gas including Supplemental Gaseous Fuels <sup>a</sup>	Motor Gasoline including Fuel Ethanol <sup>a</sup>
			Distillate Fuel Oil	Jet Fuel <sup>b</sup>	LPG <sup>c</sup>	Motor Gasoline excluding Fuel Ethanol <sup>a</sup>	Residual Fuel Oil	Other <sup>d</sup>	Total			
1960	131.3	186.1	94.1	2.6	17.6	171.2	41.9	54.3	381.6	699.0	186.1	171.2
1965	160.0	248.2	110.4	14.8	22.5	185.3	31.3	60.1	424.4	832.7	248.2	185.3
1970	179.7	343.0	130.2	19.7	34.0	231.8	32.4	64.4	512.5	1,035.3	343.0	231.8
1971	155.6	352.1	138.7	22.5	36.0	240.9	26.0	63.7	527.9	1,035.6	352.1	240.9
1972	161.6	352.1	151.5	25.6	39.8	250.7	44.7	70.8	583.1	1,096.8	352.1	250.7
1973	180.7	360.5	155.7	29.3	37.4	258.2	44.2	77.7	602.7	1,143.9	360.5	258.2
1974	188.7	352.0	145.7	31.4	35.2	251.8	37.0	74.6	575.7	1,116.4	352.0	251.8
1975	191.5	331.5	141.9	31.9	34.9	253.5	27.2	67.6	557.0	1,080.0	331.5	253.5
1976	222.4	319.5	165.2	30.1	33.4	262.3	35.4	73.0	599.4	1,141.3	319.5	262.3
1977	264.9	292.5	157.1	29.8	31.5	267.5	28.2	70.9	585.0	1,142.4	292.5	267.5
1978	255.7	312.2	167.1	28.8	27.6	278.1	27.6	72.1	601.4	1,169.3	312.2	278.1
1979	229.5	332.6	157.4	31.9	31.7	265.1	16.6	65.6	568.4	1,130.4	332.6	265.1
1980	242.4	284.9	124.5	29.1	28.7	242.7	20.0	53.7	498.8	1,026.1	284.9	242.7
1981	244.2	264.8	108.9	25.5	22.2	236.5	9.9	47.4	450.5	959.5	264.8	236.5
1982	212.5	263.0	121.7	24.1	27.6	235.7	10.6	47.9	467.8	943.3	263.0	235.7
1983	211.2	246.3	101.3	22.9	27.9	242.0	9.9	57.4	461.3	918.7	246.3	242.0
1984	231.4	256.4	111.2	41.5	18.5	252.4	7.0	58.6	489.2	977.0	256.4	252.4
1985	226.1	258.5	115.9	44.1	19.8	237.9	5.4	58.9	482.0	966.6	258.5	237.9
1986	201.4	244.5	112.3	44.2	23.4	240.5	11.3	62.9	494.5	940.4	244.5	240.5
1987	256.0	239.7	112.5	32.0	20.3	247.0	7.6	68.1	487.5	983.2	239.7	247.0
1988	303.6	285.4	119.4	29.1	21.1	256.4	8.0	67.7	501.7	1,090.8	285.4	256.4
1989	324.9	301.4	119.9	26.4	22.9	255.2	6.7	72.9	504.0	1,130.2	301.4	255.2
1990	325.5	291.8	114.0	28.9	22.2	250.9	6.0	81.1	503.2	1,120.4	291.8	250.9
1991	301.5	318.2	122.9	28.2	24.5	255.2	6.6	72.4	509.8	1,129.4	318.2	255.2
1992	300.8	312.2	123.9	37.5	29.7	261.0	7.4	79.5	539.0	1,151.9	312.2	261.0
1993	325.9	331.5	121.1	53.5	33.2	257.5	7.8	75.5	548.4	1,205.8	331.5	268.7
1994	332.8	327.1	128.2	55.4	35.2	262.0	6.8	78.6	566.3	1,226.3	327.1	274.8
1995	338.0	357.5	134.1	56.5	36.3	269.6	4.1	86.6	587.2	1,282.6	357.5	283.4
1996	354.6	374.3	139.8	60.2	44.7	275.8	4.9	97.0	622.4	1,351.3	374.3	286.3
1997	341.6	360.3	138.3	61.8	38.4	275.1	4.4	97.9	615.7	1,317.6	360.3	290.8
1998	357.0	337.1	143.2	60.7	27.7	285.5	3.2	94.0	614.3	1,308.4	337.1	303.0
1999	341.5	351.1	139.2	71.4	32.5	293.2	3.5	102.2	642.0	1,334.5	351.1	312.2
2000	373.8	367.4	144.6	75.4	36.7	299.3	5.8	96.8	658.7	1,399.8	367.4	318.7
2001	353.3	344.9	145.4	65.7	33.4	304.7	7.2	96.8	653.3	1,351.5	344.9	324.5
2002	360.8	374.2	143.4	62.7	41.7	309.4	6.2	88.6	652.1	1,387.1	374.2	330.9
2003	390.7	374.2	147.4	67.9	40.6	312.9	6.7	96.5	672.0	1,436.9	374.2	336.3
2004	378.8	362.3	153.9	70.9	43.2	314.8	9.2	96.9	689.0	1,430.1	362.3	337.0
2005	379.1	372.1	153.8	71.8	41.4	318.9	10.7	105.3	701.9	1,453.1	372.1	336.3
2006	370.8	358.2	151.1	66.8	38.4	318.4	5.3	101.9	681.9	1,410.9	358.2	334.5
2007	366.2	395.7	158.1	63.9	38.5	312.9	8.5	98.5	680.4	1,442.3	395.7	333.2
2008	359.4	435.1	153.5	58.1	36.2	300.8	12.9	83.8	645.2	1,439.7	435.1	322.4
2009	328.7	405.5	133.9	52.2	39.0	291.1	4.3	R 75.6	R 596.2	R 1,330.3	405.5	312.4
2010	315.4	427.2	145.7	51.5	30.4	285.6	3.7	R 77.8	R 594.7	R 1,337.3	427.2	312.7
2011	315.6	425.0	152.9	53.1	R 29.4	273.3	3.3	R 77.1	R 589.0	R 1,329.6	425.0	297.7
2012	257.9	430.3	153.8	50.9	27.9	282.1	0.8	R 78.0	R 593.4	R 1,281.6	430.3	307.4
2013	267.7	R 474.9	157.2	33.1	36.6	R 280.9	0.6	R 77.9	R 586.3	R 1,328.8	R 474.9	R 306.6
2014	313.1	489.8	160.6	30.4	39.6	278.2	0.4	73.1	582.3	1,385.2	489.8	303.7

<sup>a</sup> 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.

<sup>b</sup> 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."

<sup>c</sup> Liquefied petroleum gases, includes ethane and olefins.

<sup>d</sup> 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, Minnesota (Continued)**  
(Trillion Btu)

Year	Nuclear Electric Power	Renewable Energy									Net Interstate Flow of Electricity <sup>j</sup>	Net Electricity Imports <sup>k</sup>	Total
		Hydro- electric Power <sup>e</sup>	Biomass				Geo- thermal	Solar/PV <sup>i</sup>	Wind	Total			
			Wood and Waste <sup>f</sup>	Fuel Ethanol <sup>g</sup>	Losses and Co- products <sup>h</sup>	Total							
1960	0.0	9.5	25.4	NA	NA	25.4	0.0	NA	NA	35.0	-10.9	0.3	723.3
1965	1.7	11.4	23.4	NA	NA	23.4	0.0	NA	NA	34.8	-3.9	0.4	865.6
1970	0.0	9.4	23.4	NA	NA	23.4	0.0	NA	NA	32.8	39.4	0.4	1,108.0
1971	15.1	10.3	23.5	NA	NA	23.5	0.0	NA	NA	33.8	63.6	0.5	1,148.6
1972	38.4	10.8	24.9	NA	NA	24.9	0.0	NA	NA	35.7	38.5	0.4	1,209.9
1973	35.7	11.0	25.5	NA	NA	25.5	0.0	NA	NA	36.5	41.2	0.6	1,257.8
1974	48.7	9.6	26.3	NA	NA	26.3	0.0	NA	NA	35.9	36.6	0.2	1,237.7
1975	107.4	9.5	27.4	NA	NA	27.4	0.0	NA	NA	36.9	21.3	0.6	1,246.2
1976	109.5	6.1	29.5	NA	NA	29.5	0.0	NA	NA	35.6	6.6	0.7	1,293.8
1977	120.2	7.0	29.7	NA	NA	29.7	0.0	NA	NA	36.7	-42.5	0.6	1,257.5
1978	126.8	11.2	39.0	NA	NA	39.0	0.0	NA	NA	50.2	0.1	4.4	1,350.8
1979	125.1	9.5	44.5	NA	NA	44.5	0.0	NA	NA	53.9	35.1	6.2	1,350.9
1980	109.4	8.2	46.6	NA	NA	46.6	0.0	NA	NA	54.8	31.1	3.3	1,224.7
1981	112.4	9.8	46.8	(s)	0.0	46.8	0.0	NA	NA	56.6	48.1	0.3	1,176.9
1982	112.9	10.5	48.4	(s)	0.0	48.5	0.0	NA	NA	59.0	71.7	0.9	1,187.8
1983	128.2	11.3	51.4	(s)	0.0	51.4	0.0	NA	0.0	62.7	79.8	1.4	1,190.8
1984	90.3	10.1	55.9	(s)	0.0	55.9	0.0	0.0	0.0	66.0	115.3	3.4	1,252.0
1985	122.9	10.2	56.3	2.3	0.0	58.6	0.0	0.0	0.0	68.8	91.2	9.1	1,258.5
1986	116.9	11.3	52.2	2.8	0.2	55.2	0.0	0.0	0.0	66.4	99.0	23.4	1,246.2
1987	120.6	9.0	49.5	1.8	0.2	51.5	0.0	0.0	0.0	60.5	80.6	6.6	1,251.6
1988	130.3	7.0	52.8	1.4	0.2	54.5	0.0	0.0	(s)	61.4	78.6	-5.7	1,355.4
1989	115.6	8.5	52.9	1.7	0.7	55.4	0.1	0.3	(s)	64.3	84.2	-1.5	1,392.9
1990	128.5	8.9	48.8	2.0	0.7	51.6	0.1	0.3	(s)	61.0	88.7	2.5	1,401.0
1991	126.4	10.8	49.4	3.8	1.1	54.3	0.2	0.3	(s)	65.7	96.5	9.7	1,427.8
1992	116.9	11.0	52.8	6.0	2.3	61.1	0.2	0.4	(s)	72.6	81.5	18.5	1,441.5
1993	125.9	11.9	52.1	11.2	2.4	65.8	0.2	0.3	(s)	78.2	57.6	21.3	1,488.7
1994	127.8	11.7	53.4	12.8	2.6	68.9	0.2	0.3	0.4	81.5	63.3	26.4	1,525.3
1995	139.1	11.3	56.2	13.8	3.2	73.2	0.2	0.4	0.6	85.7	73.3	28.8	1,609.5
1996	127.0	12.3	57.1	10.5	4.3	72.0	0.2	0.4	0.5	85.3	86.4	30.2	1,680.2
1997	113.5	10.6	55.6	15.7	6.9	78.3	0.2	0.4	0.6	90.0	94.8	33.7	1,649.7
1998	122.2	9.7	50.9	17.6	7.6	76.1	0.2	0.4	1.5	87.9	81.1	27.1	1,626.6
1999	139.1	12.1	50.5	19.1	11.7	81.2	0.2	0.3	5.0	98.8	106.9	20.5	1,699.8
2000	135.2	9.5	54.4	19.4	13.4	87.2	0.2	0.3	7.4	104.7	84.2	26.9	1,750.8
2001	123.1	8.6	54.4	19.8	15.4	89.6	0.3	0.3	9.3	108.0	111.5	28.2	1,722.3
2002	142.9	8.2	46.3	21.5	18.2	86.0	0.3	0.2	9.2	103.9	138.7	14.2	1,786.8
2003	139.8	8.2	43.9	23.4	21.5	88.8	0.4	0.2	9.9	107.5	189.2	-8.6	1,864.9
2004	138.6	7.4	52.8	22.2	23.6	98.6	0.4	0.2	8.1	114.7	172.8	8.9	1,865.1
2005	133.9	7.7	57.1	17.4	24.4	99.0	0.4	0.2	15.8	123.1	122.4	26.7	1,859.2
2006	137.6	5.7	53.5	16.0	31.5	101.1	0.5	0.2	20.4	127.8	129.4	27.0	1,832.7
2007	137.4	6.5	63.5	20.3	33.5	117.2	0.6	0.2	26.1	150.6	141.9	23.4	1,895.6
2008	135.8	7.2	64.7	21.6	40.0	126.3	0.7	0.2	42.9	177.3	133.5	26.5	1,912.9
2009	129.6	7.9	69.5	21.3	52.3	143.1	0.9	0.3	49.3	201.5	99.5	26.6	R 1,787.6
2010	140.9	8.2	72.7	27.1	63.4	163.2	1.0	0.3	46.7	219.5	135.1	24.2	R 1,857.1
2011	125.1	7.2	R 68.2	24.4	62.6	R 155.1	1.0	0.4	65.3	R 229.2	140.6	26.3	R 1,850.7
2012	125.2	5.3	R 68.8	25.3	56.8	R 150.9	1.1	0.5	72.5	R 230.3	157.6	22.2	R 1,816.9
2013	111.9	4.9	67.6	R 25.7	55.3	R 148.5	1.1	0.6	78.8	R 233.8	157.3	R 27.0	R 1,858.8
2014	132.9	5.2	75.4	25.5	62.2	163.0	1.1	0.7	92.2	262.1	108.8	23.0	1,912.1

<sup>e</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

<sup>f</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

<sup>g</sup> Excludes denaturant. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.

<sup>h</sup> Losses and co-products from the production of fuel ethanol.

<sup>i</sup> Solar thermal and photovoltaic energy.

<sup>j</sup> 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.

<sup>k</sup> 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, Minnesota

Year	Coal Thousand Short Tons	Natural Gas <sup>a</sup> Billion Cubic Feet	Petroleum							Hydro-electric Power <sup>f,g</sup> Million Kilowatt-hours	Biomass		Geo-thermal <sup>g</sup>	Solar Thermal/Photo-voltaic <sup>g</sup>	Retail Electricity Sales	Net Energy <sup>g,j</sup>	Electrical System Energy Losses <sup>k</sup>	Total <sup>g,j</sup>
			Distillate Fuel Oil	Jet Fuel <sup>b</sup>	LPG <sup>c</sup>	Motor Gasoline <sup>d</sup>	Residual Fuel Oil	Other <sup>e</sup>	Total		Wood and Waste <sup>g,h</sup>	Losses and Co-products <sup>i</sup>			Million Kilowatt-hours			
			Thousand Barrels															
1960	3,543	131	15,994	472	4,525	32,583	6,419	9,046	69,040	156	--	--	--	--	8,821	--	--	--
1965	3,402	197	18,777	2,624	5,781	35,278	4,702	9,886	77,047	178	--	--	--	--	12,766	--	--	--
1970	2,595	283	21,805	3,491	8,887	44,122	4,316	10,277	92,898	168	--	--	--	--	20,715	--	--	--
1975	2,525	308	23,695	5,629	9,187	48,253	3,475	10,828	101,067	189	--	--	--	--	26,313	--	--	--
1980	1,200	278	21,215	5,142	7,697	46,211	2,821	8,630	91,716	145	--	--	--	--	32,998	--	--	--
1985	1,247	256	19,842	7,781	5,353	45,285	859	9,245	88,365	145	--	--	--	--	38,664	--	--	--
1990	1,462	285	19,485	5,099	5,966	47,760	959	12,185	91,455	172	--	--	--	--	47,167	--	--	--
1995	1,665	345	22,904	9,969	9,758	54,303	647	12,992	110,573	224	--	--	--	--	53,959	--	--	--
2000	2,097	352	24,599	13,301	9,844	61,120	929	14,258	124,051	248	--	--	--	--	59,782	--	--	--
2001	1,255	330	24,796	11,588	8,974	62,236	1,096	14,489	123,179	186	--	--	--	--	60,687	--	--	--
2002	1,367	358	24,541	11,064	11,302	63,503	987	13,141	124,540	45	--	--	--	--	62,162	--	--	--
2003	1,269	355	25,130	11,977	10,862	64,638	1,022	14,123	127,753	93	--	--	--	--	63,087	--	--	--
2004	1,312	347	26,327	12,505	11,662	64,804	1,399	14,258	130,955	132	--	--	--	--	63,340	--	--	--
2005	1,372	342	26,207	12,656	11,161	64,697	1,631	15,668	132,020	130	--	--	--	--	66,019	--	--	--
2006	1,362	328	25,886	11,773	10,363	64,432	829	15,516	128,798	96	--	--	--	--	66,770	--	--	--
2007	1,417	354	26,937	11,275	10,401	64,627	1,278	15,379	129,898	96	--	--	--	--	68,231	--	--	--
2008	1,419	400	26,405	10,238	<sup>R</sup> 9,701	62,903	2,026	13,111	124,385	118	--	--	--	--	68,794	--	--	--
2009	1,221	370	23,040	9,200	10,587	61,240	686	<sup>R</sup> 12,083	<sup>R</sup> 116,836	134	--	--	--	--	64,004	--	--	--
2010	1,347	387	25,161	9,081	8,148	61,587	585	<sup>R</sup> 12,419	<sup>R</sup> 116,980	127	--	--	--	--	67,800	--	--	--
2011	1,331	393	26,412	9,372	<sup>R</sup> 7,854	58,738	520	<sup>R</sup> 12,344	<sup>R</sup> 115,242	117	--	--	--	--	68,533	--	--	--
2012	1,134	365	26,575	8,973	7,466	60,715	128	<sup>R</sup> 12,479	<sup>R</sup> 116,336	74	--	--	--	--	67,989	--	--	--
2013	1,276	418	27,149	5,837	<sup>R</sup> 9,847	<sup>R</sup> 60,569	95	<sup>R</sup> 12,474	<sup>R</sup> 115,973	90	--	--	--	--	68,644	--	--	--
2014	1,247	444	27,691	5,367	10,674	60,018	67	11,700	115,517	19	--	--	--	--	68,719	--	--	--

## Trillion Btu

1960	76.8	135.9	93.2	2.6	17.6	171.2	40.4	54.3	379.2	1.7	25.3	NA	NA	NA	30.1	648.9	74.4	723.3
1965	74.4	196.9	109.4	14.8	22.5	185.3	29.6	60.1	421.6	1.9	23.2	NA	NA	NA	43.6	761.6	104.0	865.6
1970	54.2	283.9	127.0	19.7	34.0	231.8	27.1	63.6	503.2	1.8	23.2	NA	NA	NA	70.7	937.0	171.0	1,108.0
1975	55.2	309.2	138.0	31.9	34.9	253.5	21.8	67.3	547.3	2.0	27.4	NA	NA	NA	89.8	1,030.9	215.4	1,246.2
1980	21.0	277.0	123.6	29.1	28.7	242.7	17.7	53.7	495.5	1.5	46.6	NA	NA	NA	112.6	954.2	270.5	1,224.7
1985	25.5	257.2	115.6	44.1	19.8	237.9	5.4	58.9	481.7	1.5	56.3	0.0	NA	NA	131.9	956.4	302.1	1,258.5
1990	27.0	286.4	113.5	28.9	22.2	250.9	6.0	76.7	498.3	1.8	41.1	0.7	0.1	0.3	160.9	1,018.7	382.3	1,401.0
1995	32.1	349.3	133.3	56.5	36.3	283.4	4.1	82.0	595.5	2.3	47.6	3.2	0.2	0.4	184.1	1,214.4	395.1	1,609.5
2000	40.5	357.4	143.1	75.4	36.7	318.7	5.8	90.3	670.1	2.5	45.6	13.4	0.2	0.3	204.0	1,334.0	416.8	1,750.8
2001	24.4	334.2	144.3	65.7	33.4	324.5	6.9	90.9	665.7	1.9	48.9	15.4	0.3	0.3	207.1	1,298.0	424.3	1,722.3
2002	26.2	360.9	142.8	62.7	41.7	330.9	6.2	82.3	666.6	0.5	38.5	18.2	0.3	0.2	212.1	1,323.5	463.3	1,786.8
2003	24.0	357.4	146.2	67.9	40.6	336.3	6.4	88.6	686.1	0.9	33.5	21.5	0.4	0.2	215.3	1,339.3	525.6	1,864.9
2004	24.9	349.6	153.2	70.9	43.2	337.0	8.8	90.0	703.1	1.3	44.8	23.6	0.4	0.2	216.1	1,364.0	501.0	1,865.1
2005	26.1	346.0	152.5	71.8	41.4	336.3	10.3	99.0	711.1	1.3	47.8	24.4	0.4	0.2	225.3	1,382.5	476.7	1,859.2
2006	25.7	333.1	150.2	66.8	38.4	334.5	5.2	97.6	692.6	1.0	44.7	31.5	0.5	0.2	227.8	1,357.0	475.7	1,832.7
2007	27.0	360.6	155.8	63.9	38.5	333.2	8.0	96.6	696.0	0.9	46.3	33.5	0.6	0.2	232.8	1,397.9	497.6	1,895.6
2008	27.2	409.9	152.6	58.1	36.2	322.4	12.7	82.2	664.2	1.2	46.9	40.0	0.7	0.2	234.7	<sup>R</sup> 1,425.1	487.8	1,912.9
2009	23.4	381.6	133.2	52.2	39.0	312.4	4.3	<sup>R</sup> 75.6	<sup>R</sup> 616.7	1.3	48.6	52.3	0.9	0.3	218.4	<sup>R</sup> 1,343.5	444.1	<sup>R</sup> 1,787.6
2010	25.7	390.7	145.4	51.5	30.4	312.7	3.7	<sup>R</sup> 77.8	<sup>R</sup> 621.5	1.2	48.4	63.4	1.0	0.3	231.3	<sup>R</sup> 1,383.7	473.4	<sup>R</sup> 1,857.1
2011	25.4	396.5	152.6	53.1	<sup>R</sup> 29.4	297.7	3.3	<sup>R</sup> 77.1	<sup>R</sup> 613.1	1.1	<sup>R</sup> 46.7	62.6	1.0	0.4	233.8	<sup>R</sup> 1,380.9	469.8	<sup>R</sup> 1,850.7
2012	21.4	372.0	153.4	50.9	27.9	307.4	0.8	<sup>R</sup> 78.0	<sup>R</sup> 618.4	0.7	<sup>R</sup> 44.6	56.8	1.1	0.5	232.0	<sup>R</sup> 1,347.7	469.1	<sup>R</sup> 1,816.9
2013	24.2	<sup>R</sup> 423.9	156.8	33.1	36.6	<sup>R</sup> 306.6	0.6	<sup>R</sup> 77.9	<sup>R</sup> 611.5	0.9	<sup>R</sup> 47.5	55.3	1.1	<sup>R</sup> 0.6	234.2	<sup>R</sup> 1,399.4	459.4	<sup>R</sup> 1,858.8
2014	23.4	458.2	159.9	30.4	39.6	303.7	0.4	73.1	607.1	0.2	53.2	62.2	1.1	0.6	234.5	1,440.7	471.4	1,912.1

<sup>a</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.<sup>b</sup> 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."<sup>c</sup> Liquefied petroleum gases, includes ethane and olefins.<sup>d</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.<sup>e</sup> 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."<sup>f</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.<sup>g</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.<sup>h</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.<sup>i</sup> Losses and co-products from the production of fuel ethanol.<sup>j</sup> 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.

<sup>k</sup> 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, Minnesota

Year	Coal <sup>a</sup>	Natural Gas <sup>b</sup>	Petroleum				Biomass	Geothermal <sup>e</sup>	Solar/PV <sup>e,f</sup>	Retail Electricity Sales	Net Energy <sup>e,g</sup>	Electrical System Energy Losses <sup>h</sup>	Total <sup>e,g</sup>
	Thousand Short Tons	Billion Cubic Feet	Distillate Fuel Oil	Kerosene	LPG <sup>c</sup>	Total	Wood <sup>d</sup>			Million Kilowatthours			
			Thousand Barrels				Thousand Cords						
1960	557	61	5,414	1,748	3,192	10,354	878	--	--	4,186	--	--	--
1965	352	86	6,309	1,556	4,152	12,017	682	--	--	6,063	--	--	--
1970	320	102	7,197	1,195	6,563	14,955	560	--	--	9,031	--	--	--
1975	70	114	7,242	558	6,203	14,004	563	--	--	10,189	--	--	--
1980	30	103	5,946	114	3,008	9,069	745	--	--	11,749	--	--	--
1985	48	107	3,973	137	2,465	6,574	957	--	--	13,261	--	--	--
1990	36	107	3,743	30	3,012	6,786	562	--	--	14,858	--	--	--
1995	34	129	3,085	50	4,567	7,702	498	--	--	16,974	--	--	--
1996	19	142	3,451	61	6,130	9,642	517	--	--	17,157	--	--	--
1997	12	129	2,932	52	5,803	8,787	404	--	--	17,073	--	--	--
1998	5	110	2,542	73	4,033	6,648	359	--	--	17,378	--	--	--
1999	2	119	2,102	32	4,984	7,118	368	--	--	17,998	--	--	--
2000	1	130	2,294	33	5,583	7,910	397	--	--	18,629	--	--	--
2001	(s)	125	2,288	188	4,890	7,365	399	--	--	19,400	--	--	--
2002	13	135	2,216	16	4,705	6,937	405	--	--	20,451	--	--	--
2003	(s)	138	2,413	18	5,884	8,316	427	--	--	20,638	--	--	--
2004	(s)	133	2,351	28	5,370	7,748	437	--	--	20,507	--	--	--
2005	6	129	1,956	27	5,197	7,181	533	--	--	21,743	--	--	--
2006	8	117	1,541	18	4,894	6,454	473	--	--	21,909	--	--	--
2007	6	129	1,544	11	5,111	6,666	523	--	--	22,646	--	--	--
2008	0	139	1,711	8	5,307	7,026	585	--	--	22,357	--	--	--
2009	0	133	1,018	18	5,377	6,413	701	--	--	22,034	--	--	--
2010	0	123	1,169	20	5,068	6,256	612	--	--	22,465	--	--	--
2011	0	125	987	13	R 5,009	R 6,009	626	--	--	22,524	--	--	--
2012	0	109	821	5	4,482	5,308	584	--	--	22,060	--	--	--
2013	0	140	966	9	5,218	6,193	806	--	--	22,850	--	--	--
2014	0	147	896	12	5,773	6,681	806	--	--	22,791	--	--	--
Trillion Btu													
1960	12.2	63.6	31.5	9.9	12.2	53.7	17.6	NA	NA	14.3	161.3	35.3	196.7
1965	7.7	86.3	36.7	8.8	15.9	61.5	13.6	NA	NA	20.7	189.8	49.4	239.2
1970	6.8	102.0	41.9	6.8	25.2	73.9	11.2	NA	NA	30.8	224.6	74.5	299.2
1975	1.3	114.7	42.2	3.2	23.8	69.1	11.3	NA	NA	34.8	231.2	83.4	314.6
1980	0.6	103.1	34.6	0.6	11.5	46.8	14.9	NA	NA	40.1	205.5	96.3	301.8
1985	0.9	107.1	23.1	0.8	9.5	33.4	19.1	NA	NA	45.2	205.7	103.6	309.4
1990	0.6	107.4	21.8	0.2	11.6	33.5	11.2	0.1	0.3	50.7	203.9	120.4	324.4
1995	0.7	130.4	18.0	0.3	17.5	35.8	10.0	0.2	0.4	57.9	235.2	124.3	359.5
1996	0.3	144.9	20.1	0.3	23.5	43.9	10.3	0.2	0.4	58.5	258.3	124.8	383.1
1997	0.2	131.2	17.1	0.3	22.3	39.6	8.1	0.2	0.4	58.3	237.9	121.8	359.7
1998	0.1	112.5	14.8	0.4	15.5	30.7	7.2	0.2	0.4	59.3	210.3	120.7	331.0
1999	(s)	121.2	12.2	0.2	19.1	31.5	7.4	0.2	0.3	61.4	222.1	131.2	353.2
2000	(s)	131.7	13.3	0.2	21.4	35.0	7.9	0.2	0.3	63.6	238.7	129.9	368.6
2001	(s)	126.3	13.3	1.1	18.8	33.1	8.0	0.3	0.3	66.2	234.1	135.6	369.8
2002	0.2	136.2	12.9	0.1	18.0	31.0	8.1	0.3	0.2	69.8	245.8	152.4	398.2
2003	(s)	139.1	14.0	0.1	22.6	36.7	8.5	0.4	0.2	70.4	255.3	171.9	427.3
2004	(s)	133.8	13.7	0.2	20.6	34.4	8.7	0.4	0.2	70.0	247.5	162.2	409.7
2005	0.1	130.2	11.4	0.2	19.9	31.5	10.7	0.4	0.2	74.2	247.2	157.0	404.2
2006	0.1	119.1	8.9	0.1	18.8	27.8	9.5	0.5	0.2	74.8	232.0	156.1	388.0
2007	0.1	131.4	8.9	0.1	19.6	28.6	10.5	0.6	0.2	77.3	248.6	165.2	413.8
2008	0.0	142.8	9.9	(s)	20.4	30.3	11.7	0.7	0.2	76.3	262.0	158.5	420.6
2009	0.0	137.3	5.9	0.1	20.6	26.6	14.0	0.9	0.3	75.2	254.3	152.9	407.2
2010	0.0	124.2	6.8	0.1	19.4	26.3	12.2	1.0	0.3	76.6	240.8	156.8	397.6
2011	0.0	126.4	5.7	0.1	R 19.2	R 25.0	12.5	1.0	0.4	76.9	R 242.2	154.4	R 396.6
2012	0.0	111.2	4.7	(s)	17.2	22.0	11.7	1.1	0.5	75.3	221.7	152.2	373.9
2013	0.0	R 141.8	5.6	0.1	20.0	25.6	16.1	1.1	R 0.6	78.0	R 263.2	152.9	R 416.1
2014	0.0	151.4	5.2	0.1	22.1	27.4	16.1	1.1	0.6	77.8	274.4	156.3	430.7

<sup>a</sup> Beginning in 2008, data are no longer collected and are assumed to be zero.

<sup>b</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

<sup>c</sup> Liquefied petroleum gases, includes ethane and olefins.

<sup>d</sup> Wood and wood-derived fuels.

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

<sup>f</sup> Solar thermal and photovoltaic energy. Includes distributed solar thermal and photovoltaic energy used in the commercial and industrial sectors.

<sup>g</sup> 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.

<sup>h</sup> 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.

**MINNESOTA** Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2014, Minnesota

Year	Coal	Natural Gas <sup>a</sup>	Petroleum					Hydro-electric Power <sup>e,f</sup>	Biomass	Geothermal <sup>f</sup>	Retail Electricity Sales	Net Energy <sup>f,h</sup>	Electrical System Energy Losses <sup>i</sup>	Total <sup>f,h</sup>
			Distillate Fuel Oil	Kerosene	LPG <sup>b</sup>	Motor Gasoline <sup>c</sup>	Residual Fuel Oil							
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels					Million Kilowatthours	Wood and Waste <sup>f,g</sup>		Million Kilowatthours			
1960	387	20	1,323	378	464	142	634	2,942	NA	--	1,540	--	--	--
1965	265	27	1,542	337	604	158	414	3,055	NA	--	2,026	--	--	--
1970	252	77	1,759	259	955	235	393	3,601	NA	--	3,178	--	--	--
1975	163	90	1,770	121	902	355	223	3,372	NA	--	4,845	--	--	--
1980	113	64	1,443	0	438	340	32	2,252	NA	--	5,724	--	--	--
1985	171	77	2,845	24	359	335	223	3,786	NA	--	7,469	--	--	--
1990	143	78	1,091	5	438	1,568	259	3,362	0	--	8,813	--	--	--
1995	229	91	862	23	664	50	111	1,711	0	--	10,407	--	--	--
1996	137	99	1,014	27	892	50	138	2,120	0	--	10,850	--	--	--
1997	94	92	873	26	844	1,010	160	2,913	0	--	10,888	--	--	--
1998	37	82	843	31	587	988	161	2,610	0	--	11,152	--	--	--
1999	13	88	889	20	725	50	155	1,838	0	--	11,637	--	--	--
2000	5	95	889	54	812	50	137	1,942	0	--	12,311	--	--	--
2001	1	94	1,134	35	711	52	218	2,151	0	--	20,520	--	--	--
2002	93	104	821	22	685	52	195	1,775	0	--	20,197	--	--	--
2003	1	101	760	14	966	794	342	2,876	0	--	20,533	--	--	--
2004	(s)	97	804	10	746	52	449	2,062	0	--	20,407	--	--	--
2005	67	96	1,002	14	709	53	306	2,083	0	--	21,985	--	--	--
2006	83	87	666	12	680	1,378	235	2,971	0	--	22,175	--	--	--
2007	57	91	727	7	581	941	88	2,347	0	--	22,523	--	--	--
2008	60	100	932	10	959	861	186	2,945	0	--	22,604	--	--	--
2009	54	96	1,045	3	789	652	190	2,680	0	--	22,311	--	--	--
2010	42	90	808	6	671	686	182	2,354	0	--	22,515	--	--	--
2011	36	94	1,048	3	R 768	631	132	R 2,582	0	--	22,371	--	--	--
2012	3	83	968	1	688	682	15	2,353	0	--	22,496	--	--	--
2013	6	106	1,218	3	964	R 618	4	R 2,807	0	--	23,041	--	--	--
2014	10	111	1,241	2	1,019	646	8	2,915	0	--	22,828	--	--	--

Trillion Btu

1960	8.5	21.0	7.7	2.1	1.8	0.7	4.0	16.4	NA	0.3	NA	5.3	51.5	13.0	64.5
1965	5.8	26.8	9.0	1.9	2.3	0.8	2.6	16.6	NA	0.3	NA	6.9	56.4	16.5	72.9
1970	5.3	76.7	10.2	1.5	3.7	1.2	2.5	19.1	NA	0.2	NA	10.8	112.2	26.2	138.4
1975	3.1	89.9	10.3	0.7	3.5	1.9	1.4	17.7	NA	0.2	NA	16.5	127.5	39.6	167.1
1980	2.4	63.6	8.4	0.0	1.7	1.8	0.2	12.1	NA	0.4	NA	19.5	97.9	46.9	144.8
1985	3.3	77.3	16.6	0.1	1.4	1.8	1.4	21.2	NA	0.5	NA	25.5	127.8	58.4	186.2
1990	2.6	78.3	6.4	(s)	1.7	8.2	1.6	17.9	0.0	1.9	0.0	30.1	130.8	71.4	202.2
1995	4.6	91.8	5.0	0.1	2.5	0.3	0.7	8.7	0.0	2.0	0.0	35.5	142.6	76.2	218.8
1996	2.4	100.3	5.9	0.2	3.4	0.3	0.9	10.6	0.0	2.1	0.0	37.0	152.2	78.9	231.1
1997	1.7	93.9	5.1	0.1	3.2	5.3	1.0	14.7	0.0	2.0	0.0	37.1	149.5	77.7	227.2
1998	0.7	83.9	4.9	0.2	2.3	5.2	1.0	13.5	0.0	1.9	0.0	38.1	138.0	77.5	215.5
1999	0.2	89.7	5.2	0.1	2.8	0.3	1.0	9.3	0.0	1.9	0.0	39.7	140.9	84.8	225.7
2000	0.1	96.8	5.2	0.3	3.1	0.3	0.9	9.7	0.0	2.0	0.0	42.0	150.6	85.8	236.4
2001	(s)	94.9	6.6	0.2	2.7	0.3	1.4	11.2	0.0	1.8	0.0	70.0	177.9	143.5	321.4
2002	1.6	105.1	4.8	0.1	2.6	0.3	1.2	9.0	0.0	1.8	0.0	68.9	186.5	150.5	337.0
2003	(s)	102.3	4.4	0.1	3.7	4.1	2.1	14.5	0.0	1.9	0.0	70.1	188.7	171.1	359.8
2004	(s)	97.2	4.7	0.1	2.9	0.3	2.8	10.7	0.0	1.9	0.0	69.6	179.4	161.4	340.8
2005	1.3	97.1	5.8	0.1	2.7	0.3	1.9	10.8	0.0	2.1	0.0	75.0	186.3	158.8	345.0
2006	1.5	88.6	3.9	0.1	2.6	7.2	1.5	15.2	0.0	2.2	0.0	75.7	183.1	158.0	341.1
2007	1.1	93.1	4.2	0.1	2.2	4.9	0.6	11.9	0.0	2.2	0.0	76.8	185.2	164.3	349.4
2008	1.1	101.9	5.4	(s)	3.7	4.4	1.2	14.7	0.0	2.4	0.0	77.1	197.1	160.3	357.4
2009	1.0	99.1	6.0	(s)	3.0	3.3	1.2	13.6	0.0	2.5	0.0	76.1	192.4	154.8	347.2
2010	0.8	90.9	4.7	(s)	2.6	3.5	1.1	11.9	0.0	2.6	0.0	76.8	183.0	157.2	340.2
2011	0.6	95.3	6.1	(s)	R 2.9	3.2	0.8	R 13.0	0.0	2.5	0.0	76.3	R 188.0	153.4	R 341.4
2012	0.1	84.7	5.6	(s)	2.6	3.5	0.1	11.8	0.0	2.3	0.0	76.8	175.9	155.2	331.1
2013	0.1	R 107.4	7.0	(s)	3.7	3.1	(s)	13.9	0.0	2.6	0.0	78.6	R 202.8	154.2	R 357.0
2014	0.2	114.5	7.2	(s)	3.9	3.3	0.1	14.4	0.0	5.1	0.0	77.9	212.4	156.6	368.9

<sup>a</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

<sup>b</sup> Liquefied petroleum gases, includes ethane and olefins.

<sup>c</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.

<sup>d</sup> Includes small amounts of petroleum coke not shown separately.

<sup>e</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

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

<sup>g</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

<sup>h</sup> 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.

<sup>i</sup> 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, Minnesota

Year	Coal	Natural Gas <sup>a</sup>	Petroleum						Hydro-electric Power <sup>e,f</sup>	Biomass		Geo-thermal <sup>f</sup>	Retail Electricity Sales	Net Energy <sup>f,i</sup>	Electrical System Energy Losses <sup>j</sup>	Total <sup>f,i</sup>
			Distillate Fuel Oil	LPG <sup>b</sup>	Motor Gasoline <sup>c</sup>	Residual Fuel Oil	Other <sup>d</sup>	Total		Wood and Waste <sup>f,g</sup>	Losses and Co-products <sup>h</sup>		Million kWh			
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Million kWh				Million kWh			
1960	2,555	49	6,062	841	4,266	5,690	5,024	21,884	156	--	--	--	3,095	--	--	--
1965	2,776	83	7,651	988	3,947	4,213	6,593	23,392	178	--	--	--	4,677	--	--	--
1970	2,020	98	7,784	1,275	3,608	3,894	7,919	24,480	168	--	--	--	8,506	--	--	--
1975	2,292	101	7,991	1,985	3,132	2,675	9,183	24,965	189	--	--	--	11,280	--	--	--
1980	1,057	101	5,708	4,183	1,336	1,818	7,527	20,573	145	--	--	--	15,525	--	--	--
1985	1,027	66	4,985	2,406	1,718	481	8,206	17,796	145	--	--	--	17,934	--	--	--
1990	1,283	88	5,483	2,459	1,117	700	11,122	20,880	172	--	--	--	23,497	--	--	--
1995	1,401	106	6,031	4,392	1,192	536	12,012	24,163	224	--	--	--	26,577	--	--	--
1996	2,088	102	6,510	4,855	670	643	13,458	26,136	250	--	--	--	26,934	--	--	--
1997	1,490	107	6,404	3,485	1,846	519	13,373	25,628	227	--	--	--	27,713	--	--	--
1998	2,014	105	6,298	2,777	1,240	353	12,870	23,537	204	--	--	--	28,214	--	--	--
1999	1,954	104	5,291	2,989	1,026	394	13,927	23,627	272	--	--	--	27,764	--	--	--
2000	2,092	106	4,857	3,442	996	570	13,206	23,070	248	--	--	--	28,842	--	--	--
2001	1,254	92	5,154	3,359	1,465	698	13,410	24,087	186	--	--	--	20,767	--	--	--
2002	1,261	96	5,010	5,899	1,412	530	12,215	25,066	45	--	--	--	21,515	--	--	--
2003	1,268	95	5,616	3,926	1,360	610	13,303	24,815	93	--	--	--	21,916	--	--	--
2004	1,312	97	5,854	5,448	1,400	654	13,424	26,779	132	--	--	--	22,415	--	--	--
2005	1,300	95	5,741	5,156	1,299	1,092	14,824	28,112	130	--	--	--	22,266	--	--	--
2006	1,271	103	5,296	4,702	1,228	396	14,717	26,339	96	--	--	--	22,664	--	--	--
2007	1,354	114	5,150	4,618	1,476	789	14,566	26,599	96	--	--	--	23,041	--	--	--
2008	1,359	144	6,017	3,265	924	1,203	12,364	23,773	118	--	--	--	23,810	--	--	--
2009	1,167	128	5,417	R 4,306	987	336	R 11,333	22,380	134	--	--	--	19,637	--	--	--
2010	1,305	158	6,722	2,268	1,302	198	R 11,653	R 22,143	127	--	--	--	22,798	--	--	--
2011	1,295	158	6,776	R 1,951	1,321	251	R 11,613	R 21,912	117	--	--	--	23,619	--	--	--
2012	1,131	160	6,814	2,142	1,332	42	R 11,808	R 22,137	74	--	--	--	23,416	--	--	--
2013	1,270	161	7,080	3,452	R 1,444	15	R 11,774	R 23,766	90	--	--	--	22,734	--	--	--
2014	1,236	174	7,215	3,684	1,236	11	10,981	23,127	19	--	--	--	23,076	--	--	--
Trillion Btu																
1960	55.2	51.0	35.3	3.5	22.4	35.8	31.9	128.9	1.7	7.4	NA	NA	10.6	254.7	26.1	280.8
1965	60.8	82.6	44.6	4.1	20.7	26.5	41.7	137.6	1.9	9.3	NA	NA	16.0	308.1	38.1	346.2
1970	42.1	97.8	45.3	4.8	19.0	24.5	50.1	143.7	1.8	11.8	NA	NA	29.0	326.1	70.2	396.3
1975	50.8	100.8	46.5	7.2	16.5	16.8	57.8	144.8	2.0	15.9	NA	NA	38.5	352.7	92.3	445.0
1980	18.1	101.2	33.3	15.2	7.0	11.4	47.3	114.2	1.5	31.3	NA	NA	53.0	319.2	127.3	446.4
1985	21.3	66.6	29.0	8.5	9.0	3.0	52.9	102.5	1.5	36.7	0.0	NA	61.2	289.8	140.1	429.9
1990	23.8	88.7	31.9	8.8	5.9	4.4	70.5	121.5	1.8	28.0	0.7	0.0	80.2	344.7	190.5	535.2
1995	26.7	107.6	35.1	15.7	6.2	3.4	76.2	136.6	2.3	35.6	3.2	0.0	90.7	402.6	194.6	597.2
1996	40.0	104.3	37.9	17.2	3.5	4.0	84.9	147.6	2.6	35.9	4.3	0.0	91.9	426.4	195.8	622.2
1997	28.1	109.3	37.3	12.4	9.6	3.3	84.4	147.0	2.3	36.1	6.9	0.0	94.6	424.2	197.7	621.9
1998	37.5	106.6	36.6	9.9	6.5	2.2	81.7	136.9	2.1	33.3	7.6	0.0	96.3	420.2	196.0	616.2
1999	36.4	106.2	30.8	10.6	5.3	2.5	88.5	137.7	2.8	33.0	11.7	0.0	94.7	422.4	202.3	624.8
2000	40.4	107.5	28.3	12.2	5.2	3.6	84.1	133.3	2.5	35.7	13.4	0.0	98.4	431.1	201.1	632.2
2001	24.4	93.5	30.0	11.9	7.6	4.4	84.5	138.5	1.9	39.1	15.4	0.0	70.9	383.7	145.2	528.8
2002	24.4	96.3	29.2	20.9	7.4	3.3	76.8	137.6	0.5	28.6	18.2	0.0	73.4	379.0	160.3	539.3
2003	24.0	95.5	32.7	14.0	7.1	3.8	83.7	141.3	0.9	23.1	21.5	0.0	74.8	381.2	182.6	563.8
2004	24.9	97.8	34.1	19.4	7.3	4.1	85.1	149.9	1.3	34.2	23.6	0.0	76.5	408.2	177.3	585.6
2005	24.7	96.2	33.4	18.3	6.8	6.9	94.0	159.3	1.3	35.1	24.4	0.0	76.0	416.9	160.8	577.6
2006	24.1	104.7	30.7	16.7	6.4	2.5	92.8	149.1	1.0	33.0	31.5	0.0	77.3	420.7	161.5	582.2
2007	25.8	115.8	29.8	16.3	7.6	5.0	91.8	150.4	0.9	33.6	33.5	0.0	78.6	438.6	168.1	606.7
2008	26.1	147.2	34.8	11.5	4.7	7.6	77.8	136.3	1.2	32.9	40.0	0.0	81.2	464.9	168.8	633.8
2009	22.4	132.2	31.3	14.9	5.0	2.1	R 71.2	R 124.6	1.3	32.1	52.3	0.0	67.0	R 431.9	136.3	R 568.2
2010	24.9	160.0	38.8	7.9	6.6	1.2	R 73.2	R 127.8	1.2	33.6	63.4	0.0	77.8	R 488.7	159.2	R 647.9
2011	24.7	159.4	39.1	R 6.7	6.7	1.6	R 72.7	R 126.9	1.1	R 31.8	62.6	0.0	80.6	R 487.1	161.9	R 649.0
2012	21.4	163.0	39.3	7.4	6.7	0.3	R 74.0	R 127.8	0.7	R 30.6	56.8	0.0	79.9	R 480.2	161.6	R 641.8
2013	24.1	R 162.9	40.9	12.0	7.3	0.1	R 73.7	R 134.1	0.9	R 28.8	55.3	0.0	77.6	R 483.6	R 152.2	R 635.8
2014	23.2	179.2	41.7	12.7	6.3	0.1	68.8	129.6	0.2	32.0	62.2	0.0	78.7	505.0	158.3	663.3

<sup>a</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

<sup>b</sup> Liquefied petroleum gases, includes ethane and olefins.

<sup>c</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.

<sup>d</sup> Includes asphalt and road oil, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

<sup>e</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

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

<sup>g</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

<sup>h</sup> Losses and co-products from the production of fuel ethanol.

<sup>i</sup> 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.

<sup>j</sup> 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, Minnesota

Year	Coal	Natural Gas <sup>a</sup>	Petroleum								Retail Electricity Sales	Net Energy <sup>e,f</sup>	Electrical System Energy Losses <sup>g</sup>	Total <sup>e,f</sup>
			Aviation Gasoline	Distillate Fuel Oil	Jet Fuel <sup>b</sup>	LPG <sup>c</sup>	Lubricants	Motor Gasoline <sup>d</sup>	Residual Fuel Oil	Total				
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels								Million Kilowatthours			
1960	44	(s)	1,199	3,194	472	27	697	28,176	95	33,860	0	---	---	---
1965	9	1	803	3,276	2,624	37	596	31,173	75	38,584	0	---	---	---
1970	3	7	277	5,064	3,491	95	628	40,279	29	49,863	0	---	---	---
1975	(s)	4	215	6,691	5,629	97	752	44,766	577	58,726	0	---	---	---
1980	0	9	193	8,117	5,142	68	796	44,535	971	59,822	0	---	---	---
1985	0	6	154	8,038	7,781	123	724	43,232	155	60,209	0	---	---	---
1990	0	12	214	9,168	5,099	57	815	45,075	0	60,427	0	---	---	---
1995	0	19	129	12,926	9,969	134	778	53,061	0	76,997	0	---	---	---
1996	0	20	124	12,901	10,625	140	755	54,146	0	78,692	0	---	---	---
1997	0	20	137	13,295	10,892	137	797	52,898	10	78,166	0	---	---	---
1998	0	20	92	14,740	10,709	13	835	55,878	0	82,268	0	---	---	---
1999	0	22	141	15,422	12,591	7	843	58,819	1	87,824	0	---	---	---
2000	0	21	136	16,559	13,301	7	831	60,074	222	91,129	0	---	---	---
2001	0	19	95	16,221	11,588	13	761	60,719	179	89,576	0	---	---	---
2002	0	23	137	16,495	11,064	14	752	62,039	262	90,762	0	---	---	---
2003	0	20	93	16,340	11,977	86	695	62,484	70	91,746	0	---	---	---
2004	0	21	92	17,319	12,505	98	704	63,352	296	94,365	11	---	---	---
2005	0	22	102	17,508	12,656	99	701	63,344	234	94,645	25	---	---	---
2006	0	20	86	18,383	11,773	87	683	61,825	199	93,035	21	---	---	---
2007	0	20	87	19,515	11,275	92	705	62,210	402	94,285	21	---	---	---
2008	0	18	78	17,745	10,238	171	654	61,118	636	90,641	22	---	---	---
2009	0	13	141	15,559	9,200	115	588	59,601	159	85,363	22	---	---	---
2010	0	15	87	16,462	9,081	140	654	59,598	204	86,227	22	---	---	---
2011	0	15	94	17,602	9,372	126	620	56,786	137	84,738	19	---	---	---
2012	0	13	94	17,973	8,973	155	571	58,700	71	86,537	17	---	---	---
2013	0	12	85	17,885	8,837	R 213	604	R 58,508	76	R 83,207	19	---	---	---
2014	0	13	75	18,338	5,367	198	630	58,136	49	82,792	24	---	---	---

Trillion Btu														
1960	0.9	0.3	6.1	18.6	2.6	0.1	4.2	148.0	0.6	180.2	0.0	181.4	0.0	181.4
1965	0.2	1.2	4.1	19.1	14.8	0.1	3.6	163.8	0.5	205.9	0.0	207.3	0.0	207.3
1970	0.1	7.5	1.4	29.5	19.7	0.4	3.8	211.6	0.2	266.6	0.0	274.1	0.0	274.1
1975	(s)	3.9	1.1	39.0	31.9	0.4	4.6	235.2	3.6	315.6	0.0	319.5	0.0	319.5
1980	0.0	9.1	1.0	47.3	29.1	0.3	4.8	233.9	6.1	322.5	0.0	331.6	0.0	331.6
1985	0.0	6.3	0.8	46.8	44.1	0.5	4.4	227.1	1.0	324.6	0.0	333.0	0.0	333.0
1990	0.0	12.1	1.1	53.4	28.9	0.2	4.9	236.8	0.0	325.3	0.0	339.2	0.0	339.2
1995	0.0	19.4	0.7	75.2	56.5	0.5	4.7	276.9	0.0	414.5	0.0	433.9	0.0	433.9
1996	0.0	20.1	0.6	75.1	60.2	0.5	4.6	282.5	0.0	423.6	0.0	443.7	0.0	443.7
1997	0.0	19.9	0.7	77.4	61.8	0.5	4.8	275.9	0.1	421.1	0.0	441.0	0.0	441.0
1998	0.0	20.5	0.5	85.8	60.7	0.1	5.1	291.4	0.0	443.5	0.0	464.0	0.0	464.0
1999	0.0	22.5	0.7	89.7	71.4	(s)	5.1	306.6	(s)	473.6	0.0	496.1	0.0	496.1
2000	0.0	21.4	0.7	96.4	75.4	(s)	5.0	313.2	1.4	492.1	0.0	513.6	0.0	513.6
2001	0.0	19.3	0.5	94.4	65.7	0.1	4.6	316.6	1.1	483.0	0.0	502.3	0.0	502.3
2002	0.0	23.3	0.7	96.0	62.7	0.1	4.6	323.3	1.6	489.0	0.0	512.2	0.0	512.2
2003	0.0	20.5	0.5	95.1	67.9	0.3	4.2	325.1	0.4	493.6	0.0	514.1	0.0	514.1
2004	0.0	20.7	0.5	100.8	70.9	0.4	4.3	329.5	1.9	508.1	(s)	528.9	0.1	529.0
2005	0.0	22.5	0.5	101.9	71.8	0.4	4.2	329.3	1.5	509.5	0.1	532.1	0.2	532.3
2006	0.0	20.7	0.4	106.7	66.8	0.3	4.1	320.9	1.2	500.5	0.1	521.3	0.2	521.4
2007	0.0	20.3	0.4	112.9	63.9	0.4	4.3	320.7	2.5	505.1	0.1	525.5	0.2	525.7
2008	0.0	18.0	0.4	102.6	58.1	0.7	4.0	313.3	4.0	482.9	0.1	501.0	0.2	501.2
2009	0.0	13.0	0.7	89.9	52.2	0.4	3.6	304.0	1.0	451.9	0.1	464.9	0.2	465.0
2010	0.0	15.6	0.4	95.1	51.5	0.5	4.0	302.6	1.3	455.5	0.1	471.2	0.2	471.3
2011	0.0	15.4	0.5	101.7	53.1	0.5	3.8	287.8	0.9	448.2	0.1	463.6	0.1	463.8
2012	0.0	R 13.1	0.5	103.8	50.9	0.6	3.5	R 297.2	0.4	R 456.8	0.1	R 470.0	0.1	R 470.1
2013	0.0	R 11.8	0.4	103.3	33.1	0.8	3.7	R 296.2	0.5	R 437.9	0.1	R 449.8	0.1	R 449.9
2014	0.0	13.1	0.4	105.9	30.4	0.8	3.8	294.2	0.3	435.7	0.1	448.9	0.2	449.1

<sup>a</sup> 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.

<sup>b</sup> 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."

<sup>c</sup> Liquefied petroleum gases, includes ethane and olefins.

<sup>d</sup> Beginning in 1993, motor gasoline includes fuel ethanol blended into the product.

<sup>e</sup> There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of renewable energy sources beginning in 1981.

<sup>f</sup> For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

<sup>g</sup> 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, Minnesota

Year	Coal	Natural Gas <sup>a</sup>	Petroleum				Nuclear Electric Power	Hydroelectric Power <sup>d</sup>	Biomass	Geothermal <sup>f</sup>	Solar/PV <sup>f,g</sup>	Wind <sup>f</sup>	Net Electricity Imports <sup>h</sup>	Total <sup>f,i</sup>
			Distillate Fuel Oil <sup>b</sup>	Petroleum Coke	Residual Fuel Oil <sup>c</sup>	Total			Wood and Waste <sup>e,f</sup>					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Million Kilowatthours		Million Kilowatthours					
1960	2,433	49	156	0	239	395	0	731	--	0	NA	NA	90	--
1965	3,857	51	182	0	278	460	143	915	--	0	NA	NA	111	--
1970	6,192	59	551	143	842	1,537	0	726	--	0	NA	NA	127	--
1975	7,595	23	674	59	851	1,584	9,750	728	--	0	NA	NA	185	--
1980	12,610	8	167	0	361	529	10,027	642	--	0	NA	NA	953	--
1985	11,498	1	49	0	(s)	49	11,572	829	--	0	0	0	2,668	--
1990	16,916	5	91	727	1	820	12,139	685	--	0	0	(s)	728	--
1995	17,282	8	134	770	0	904	13,243	874	--	0	0	57	8,441	--
1996	17,459	5	140	1,055	2	1,196	12,095	937	--	0	0	50	8,837	--
1997	17,490	6	253	1,241	7	1,501	10,819	807	--	0	0	54	9,889	--
1998	17,902	13	184	1,041	1	1,225	11,644	750	--	0	0	147	7,936	--
1999	17,114	11	217	1,261	2	1,480	13,316	906	--	0	0	486	5,998	--
2000	18,639	10	246	1,080	1	1,327	12,960	684	--	0	0	725	7,892	--
2001	18,427	11	199	980	50	1,229	11,789	645	--	0	0	897	8,270	--
2002	19,088	13	95	1,054	5	1,154	13,685	764	--	0	0	906	4,174	--
2003	20,729	17	206	1,311	41	1,558	13,414	721	--	0	0	978	-2,511	--
2004	20,070	13	129	1,205	62	1,396	13,296	607	--	0	0	812	2,610	--
2005	20,008	26	232	1,109	78	1,420	12,835	645	--	0	0	1,582	7,811	--
2006	19,573	25	149	757	21	928	13,183	475	--	0	0	2,055	7,925	--
2007	19,178	35	397	336	70	803	13,103	558	--	0	0	2,639	6,858	--
2008	18,763	25	157	277	25	458	12,997	609	--	0	0	4,355	7,768	--
2009	17,355	24	122	0	5	128	12,393	675	--	0	0	5,053	7,792	--
2010	16,582	36	64	0	0	64	13,478	713	--	0	0	4,780	7,106	--
2011	16,515	28	52	0	0	52	11,959	629	--	0	0	6,703	7,710	--
2012	13,384	57	59	0	0	59	11,944	487	--	0	0	7,588	6,514	--
2013	13,765	50	68	0	0	68	10,708	421	--	0	3	8,231	<sup>R</sup> 7,917	--
2014	16,534	30	117	0	0	117	12,707	529	--	0	3	9,661	6,748	--
Trillion Btu														
1960	54.5	50.2	0.9	0.0	1.5	2.4	0.0	7.9	0.2	0.0	NA	NA	0.3	115.4
1965	85.5	51.3	1.1	0.0	1.7	2.8	1.7	9.6	0.1	0.0	NA	NA	0.4	151.4
1970	125.5	59.1	3.2	0.9	5.3	9.4	0.0	7.6	0.2	0.0	NA	NA	0.4	202.2
1975	136.3	22.3	3.9	0.4	5.4	9.6	107.4	7.6	(s)	0.0	NA	NA	0.6	283.8
1980	221.4	8.0	1.0	0.0	2.3	3.2	109.4	6.7	(s)	0.0	NA	NA	3.3	352.0
1985	200.6	1.3	0.3	0.0	(s)	0.3	122.9	8.7	(s)	0.0	0.0	0.0	9.1	342.9
1990	298.5	5.4	0.5	4.4	(s)	4.9	128.5	7.1	7.7	0.0	0.0	(s)	2.5	454.6
1995	305.9	8.4	0.8	4.6	0.0	5.4	139.1	9.0	8.6	0.0	0.0	0.6	28.8	505.9
1996	311.9	5.3	0.8	6.4	(s)	7.2	127.0	9.7	8.8	0.0	0.0	0.5	30.2	500.6
1997	311.6	6.2	1.5	7.5	(s)	9.0	113.5	8.2	9.4	0.0	0.0	0.6	33.7	492.3
1998	318.7	13.6	1.1	6.3	(s)	7.3	122.2	7.7	8.5	0.0	0.0	1.5	27.1	506.6
1999	304.8	11.5	1.3	7.6	(s)	8.9	139.1	9.3	8.2	0.0	0.0	5.0	20.5	507.3
2000	333.3	10.1	1.4	6.5	(s)	7.9	135.2	7.0	8.8	0.0	0.0	7.4	26.9	536.6
2001	328.9	10.8	1.2	5.9	0.3	7.4	123.1	6.7	5.5	0.0	0.0	9.3	28.2	519.8
2002	334.6	13.3	0.6	6.4	(s)	6.9	142.9	7.8	7.8	0.0	0.0	9.2	14.2	536.7
2003	366.7	16.8	1.2	7.9	0.3	9.4	139.8	7.3	10.4	0.0	0.0	9.9	-8.6	551.6
2004	353.8	12.9	0.8	6.9	0.4	8.0	138.6	6.1	7.9	0.0	0.0	8.1	8.9	544.4
2005	353.0	26.3	1.4	6.3	0.5	8.2	133.9	6.5	9.3	0.0	0.0	15.8	26.7	579.6
2006	345.1	25.1	0.9	4.3	0.1	5.3	137.6	4.7	8.9	0.0	0.0	20.4	27.0	574.1
2007	339.2	35.1	2.3	1.9	0.4	4.7	137.4	5.5	17.2	0.0	0.0	26.1	23.4	588.6
2008	332.2	25.2	0.9	1.6	0.2	2.6	135.8	6.0	17.7	0.0	0.0	42.9	26.5	589.0
2009	305.3	23.9	0.7	0.0	(s)	0.7	129.6	6.6	20.9	0.0	0.0	49.3	26.6	563.0
2010	289.7	36.4	0.4	0.0	0.0	0.4	140.9	7.0	24.3	0.0	0.0	46.6	24.2	569.6
2011	290.2	28.5	0.3	0.0	0.0	0.3	125.1	6.1	21.4	0.0	0.0	65.1	26.3	563.1
2012	236.4	58.3	0.3	0.0	0.0	0.3	125.2	4.6	24.2	0.0	0.0	72.2	22.2	543.5
2013	243.5	50.9	0.4	0.0	0.0	0.4	111.9	4.0	20.0	0.0	(s)	78.5	<sup>R</sup> 27.0	<sup>R</sup> 536.4
2014	289.7	31.7	0.7	0.0	0.0	0.7	132.9	5.0	22.1	0.0	(s)	91.9	23.0	597.0

<sup>a</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

<sup>b</sup> 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.

<sup>c</sup> 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.

<sup>d</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

<sup>e</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

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

<sup>g</sup> Solar thermal and photovoltaic energy.

<sup>h</sup> Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

<sup>i</sup> 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.