

**MINNESOTA** Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2019, Minnesota

Year	Coal Thousand Short Tons	Natural Gas <sup>a</sup> Billion Cubic Feet	Petroleum								Electricity Retail Sales Million Kilowatthours	Net Energy <sup>f,g</sup>	Electrical System Energy Losses <sup>h</sup>	Total <sup>f,g</sup>
			Aviation Gasoline	Distillate Fuel Oil <sup>b</sup>	HGL <sup>c</sup>	Jet Fuel <sup>d</sup>	Lubricants	Motor Gasoline <sup>e</sup>	Residual Fuel Oil	Total				
			Thousand Barrels											
1960	44	(s)	1,199	3,194	27	472	697	28,176	95	33,860	0	--	--	--
1965	9	1	803	3,276	37	2,624	596	31,173	75	38,584	0	--	--	--
1970	3	7	277	5,064	95	3,491	628	40,279	29	49,863	0	--	--	--
1975	(s)	4	215	6,691	97	5,629	752	44,766	577	58,726	0	--	--	--
1980	0	9	193	8,117	68	5,142	796	44,535	971	59,822	0	--	--	--
1985	0	6	154	8,038	123	7,781	724	43,232	155	60,209	0	--	--	--
1990	0	12	214	9,168	57	5,099	815	45,075	0	60,427	0	--	--	--
1995	0	19	129	12,926	134	9,969	778	53,061	0	76,997	0	--	--	--
2000	0	21	136	16,559	7	13,301	831	60,074	222	91,129	0	--	--	--
2001	0	19	95	16,221	13	11,588	761	60,719	179	89,576	0	--	--	--
2002	0	23	137	16,495	14	11,064	752	62,039	262	90,762	0	--	--	--
2003	0	20	93	16,340	86	11,977	695	62,484	70	91,746	0	--	--	--
2004	0	21	92	17,319	98	12,505	704	63,352	296	94,365	11	--	--	--
2005	0	22	102	17,508	99	12,656	701	63,344	234	94,645	25	--	--	--
2006	0	20	86	18,383	87	11,773	683	61,825	199	93,035	21	--	--	--
2007	0	20	87	19,515	92	11,275	705	62,210	402	94,285	21	--	--	--
2008	0	18	78	17,745	171	10,238	654	61,118	636	90,641	22	--	--	--
2009	0	13	141	15,559	115	9,200	588	59,601	159	85,363	22	--	--	--
2010	0	15	87	16,462	32	9,101	431	59,598	204	85,917	22	--	--	--
2011	0	15	94	17,602	33	8,722	415	56,786	137	83,789	19	--	--	--
2012	0	13	94	17,973	27	8,548	395	58,700	71	85,808	17	--	--	--
2013	0	12	85	17,885	R 29	9,681	406	58,508	76	86,669	19	--	--	--
2014	0	13	74	18,338	24	9,136	R 418	58,782	49	86,822	24	--	--	--
2015	0	10	84	17,652	R 23	9,537	452	59,629	81	87,458	24	--	--	--
2016	0	12	76	19,997	R 24	9,795	458	61,118	113	91,582	24	--	--	--
2017	0	13	78	19,969	29	10,110	419	61,197	0	91,802	24	--	--	--
2018	0	14	78	21,516	R 10	9,714	405	59,727	0	91,449	26	--	--	--
2019	0	13	76	22,329	47	10,093	394	59,456	0	92,394	25	--	--	--

Trillion Btu														
1960	0.9	0.3	6.1	18.6	0.1	2.6	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	0.1	14.8	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	0.4	19.7	3.8	211.6	0.2	266.6	0.0	274.1	0.0	274.1
1975	(s)	3.9	1.1	39.0	0.4	31.9	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	0.3	29.1	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	0.5	44.1	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	0.2	28.9	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	0.5	56.5	4.7	276.1	0.0	413.8	0.0	433.2	0.0	433.2
2000	0.0	21.4	0.7	96.4	(s)	75.4	5.0	312.4	1.4	491.4	0.0	512.8	0.0	512.8
2001	0.0	19.3	0.5	94.4	0.1	65.7	4.6	315.8	1.1	482.2	0.0	501.6	0.0	501.6
2002	0.0	23.3	0.7	96.0	0.1	62.7	4.6	322.5	1.6	488.2	0.0	511.6	0.0	511.6
2003	0.0	20.5	0.5	95.1	0.3	67.9	4.2	324.7	0.4	493.2	0.0	513.8	0.0	513.8
2004	0.0	20.7	0.5	100.8	0.4	70.9	4.3	329.2	1.9	507.8	(s)	528.8	0.1	528.8
2005	0.0	22.5	0.5	101.9	0.4	71.8	4.2	328.9	1.5	509.1	0.1	532.4	0.2	532.6
2006	0.0	20.7	0.4	106.7	0.3	66.8	4.1	320.6	1.2	500.1	0.1	522.8	0.2	523.0
2007	0.0	20.3	0.4	112.9	0.4	63.9	4.3	319.9	2.5	504.3	0.1	527.3	0.2	527.4
2008	0.0	18.0	0.4	102.6	0.7	58.1	4.0	312.1	4.0	481.7	0.1	502.0	0.2	502.2
2009	0.0	13.0	0.7	89.9	0.4	52.2	3.6	303.4	1.0	451.1	0.1	464.2	0.2	464.3
2010	0.0	15.6	0.4	95.1	0.1	R 51.6	2.6	302.0	1.3	R 453.1	0.1	R 468.8	0.2	R 469.0
2011	0.0	15.4	0.5	101.6	0.1	R 49.5	2.5	287.5	0.9	R 442.5	0.1	R 458.0	0.1	R 458.1
2012	0.0	13.1	0.5	103.7	0.1	R 48.5	2.4	297.1	0.4	R 452.7	0.1	R 465.8	0.1	R 465.9
2013	0.0	11.9	0.4	103.1	0.1	R 54.9	2.5	296.1	0.5	R 457.5	0.1	R 469.5	0.1	R 469.6
2014	0.0	13.4	0.4	105.7	0.1	R 51.8	2.5	297.4	0.3	R 458.2	0.1	R 471.7	0.2	R 471.8
2015	0.0	10.6	0.4	101.7	0.1	R 54.1	2.7	301.5	0.5	R 461.1	0.1	R 471.8	0.2	R 471.9
2016	0.0	12.0	0.4	115.1	0.1	R 55.5	2.8	309.0	0.7	R 483.6	0.1	R 495.6	0.2	R 495.8
2017	0.0	13.8	0.4	115.0	0.1	R 57.3	2.5	309.2	0.0	R 484.6	0.1	R 498.4	0.2	R 498.6
2018	0.0	14.7	0.4	123.9	(s)	R 55.1	2.5	301.9	0.0	R 483.7	0.1	R 498.5	0.2	R 498.7
2019	0.0	13.6	0.4	128.6	0.2	57.2	2.4	300.4	0.0	489.1	0.1	502.8	0.2	503.0

<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> Beginning in 2009, includes biodiesel blended into distillate fuel oil.

<sup>c</sup> Hydrocarbon gas liquids, assumed to be propane only.

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

<sup>f</sup> There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.

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

<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.

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

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

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

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