

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

Year	Coal	Natural gas ^a	Petroleum								Electricity ^f	End use ^{g,h}	Electrical system energy losses ⁱ	Total ^{g,h}
			Aviation gasoline	Distillate fuel oil ^b	HGL ^c	Jet fuel ^d	Lubricants	Motor gasoline ^e	Residual fuel oil	Total				
	Thousand short tons	Billion cubic feet	Thousand barrels								Million kilowatthours			
1960	1	(s)	1,006	2,839	29	265	137	5,972	377	10,624	0	--	--	--
1965	(s)	(s)	312	2,676	13	384	148	6,678	325	10,536	0	--	--	--
1970	(s)	1	43	3,020	36	649	154	8,407	119	12,428	0	--	--	--
1975	(s)	2	79	3,835	50	818	162	9,682	160	14,786	0	--	--	--
1980	0	3	159	4,759	45	920	196	9,705	0	15,786	0	--	--	--
1985	0	2	91	4,132	51	678	179	9,439	(s)	14,569	0	--	--	--
1990	0	2	111	3,993	67	708	201	9,630	0	14,709	0	--	--	--
1995	0	4	78	5,390	28	1,052	192	10,669	0	17,409	0	--	--	--
2000	0	8	134	5,812	11	747	205	11,139	0	18,047	0	--	--	--
2005	0	8	47	7,597	22	1,112	173	11,117	0	20,069	0	--	--	--
2006	0	8	87	8,122	18	1,045	168	11,251	30	20,722	0	--	--	--
2007	0	8	69	9,013	12	1,026	174	11,563	0	21,858	0	--	--	--
2008	0	7	90	8,055	35	832	161	11,250	0	20,424	0	--	--	--
2009	0	5	75	7,454	10	792	145	11,471	0	19,946	0	--	--	--
2010	0	7	47	7,475	6	1,126	129	11,596	0	20,380	0	--	--	--
2011	0	7	44	7,931	6	1,104	127	11,424	0	20,635	0	--	--	--
2012	0	7	41	7,247	5	1,123	115	11,598	0	20,128	0	--	--	--
2013	0	7	37	7,754	4	857	123	11,839	0	20,614	0	--	--	--
2014	0	4	55	7,209	3	948	122	11,981	0	20,317	0	--	--	--
2015	0	4	57	6,666	4	854	129	12,276	0	19,986	0	--	--	--
2016	0	5	49	7,068	4	1,090	R 125	12,488	0	R 20,825	0	--	--	--
2017	0	4	44	7,368	5	1,302	R 116	12,466	0	21,300	0	--	--	--
2018	0	4	49	7,507	10	1,335	R 110	12,279	0	21,291	0	--	--	--
2019	0	3	46	7,456	9	1,181	R 106	12,307	0	R 21,105	0	--	--	--
2020	0	3	48	8,127	14	1,313	R 105	11,521	0	21,128	0	--	--	--
2021	0	3	48	R 7,435	3	1,331	R 106	12,642	0	R 21,568	0	--	--	--
2022	0	3	49	7,299	9	1,192	111	12,502	0	21,162	0	--	--	--
Trillion Btu														
1960	(s)	0.5	5.1	16.5	0.1	1.4	0.8	31.4	2.4	57.7	0.0	58.2	0.0	58.2
1965	(s)	0.4	1.6	15.6	0.1	2.1	0.9	35.1	2.0	57.3	0.0	57.8	0.0	57.8
1970	(s)	0.7	0.2	17.6	0.1	3.6	0.9	44.2	0.7	67.4	0.0	68.1	0.0	68.1
1975	(s)	1.8	0.4	22.3	0.2	4.6	1.0	50.9	1.0	80.4	0.0	82.2	0.0	82.2
1980	0.0	2.9	0.8	27.7	0.2	5.2	1.2	51.0	0.0	86.0	0.0	88.9	0.0	88.9
1985	0.0	2.2	0.5	24.1	0.2	3.8	1.1	49.6	(s)	79.2	0.0	81.5	0.0	81.5
1990	0.0	2.1	0.6	23.3	0.3	4.0	1.2	50.6	0.0	79.8	0.0	82.0	0.0	82.0
1995	0.0	4.1	0.4	31.4	0.1	5.9	1.2	55.5	0.0	94.4	0.0	98.5	0.0	98.5
2000	0.0	7.9	0.7	33.8	(s)	4.2	1.2	57.9	0.0	97.9	0.0	105.8	0.0	105.8
2005	0.0	8.3	0.2	44.2	0.1	6.3	1.0	57.7	0.0	109.6	0.0	117.9	0.0	117.9
2006	0.0	7.7	0.4	47.1	0.1	5.9	1.0	58.3	0.2	113.1	0.0	120.9	0.0	120.9
2007	0.0	7.9	0.4	52.1	(s)	5.8	1.1	59.5	0.0	118.9	0.0	126.8	0.0	126.8
2008	0.0	7.4	0.5	46.6	0.1	4.7	1.0	57.4	0.0	110.3	0.0	117.8	0.0	117.8
2009	0.0	5.1	0.4	43.1	(s)	4.5	0.9	58.4	0.0	107.2	0.0	112.3	0.0	112.3
2010	0.0	7.5	0.2	43.2	(s)	6.4	0.8	58.8	0.0	109.4	0.0	116.9	0.0	116.9
2011	0.0	7.0	0.2	45.8	(s)	6.3	0.8	57.8	0.0	110.9	0.0	117.9	0.0	117.9
2012	0.0	7.2	0.2	41.8	(s)	6.4	0.7	58.7	0.0	107.8	0.0	114.9	0.0	114.9
2013	0.0	7.0	0.2	44.7	(s)	4.9	0.7	59.9	0.0	110.4	0.0	117.4	0.0	117.4
2014	0.0	4.2	0.3	41.5	(s)	5.4	0.7	60.6	0.0	108.6	0.0	112.8	0.0	112.8
2015	0.0	4.6	0.3	38.4	(s)	4.8	0.8	62.1	0.0	106.4	0.0	111.1	0.0	111.1
2016	0.0	4.8	0.2	40.7	(s)	6.2	0.8	63.1	0.0	111.0	0.0	115.8	0.0	115.8
2017	0.0	3.9	0.2	42.4	(s)	7.4	0.7	63.0	0.0	113.7	0.0	117.7	0.0	117.7
2018	0.0	4.5	0.2	43.2	(s)	7.6	0.7	62.1	0.0	113.8	0.0	118.3	0.0	118.3
2019	0.0	3.6	0.2	42.9	(s)	6.7	0.6	62.2	0.0	112.7	0.0	116.3	0.0	116.3
2020	0.0	3.5	0.2	46.8	0.1	7.4	0.6	58.2	0.0	113.4	0.0	116.9	0.0	116.9
2021	0.0	R 3.1	0.2	R 42.9	(s)	7.5	0.6	63.8	0.0	R 115.2	0.0	R 118.3	0.0	R 118.3
2022	0.0	2.6	0.2	42.1	(s)	6.8	0.7	63.1	0.0	112.9	0.0	115.6	0.0	115.6

^a Transportation use of natural gas to operate pipelines and, since 1990, also includes vehicle fuel.

^b Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil.

^c Hydrocarbon gas liquids, assumed to be propane only.

^d Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Industrial sector, Other petroleum." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes, see technical notes.

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

^f Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers. Sales to public railroads and railway systems only. Excludes electric vehicles.

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

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

ⁱ Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

-- = Not applicable.

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

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

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

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>