Table CT1. Energy Consumption Estimates for Selected Energy Sources in Physical Units, Selected Years, 1960-2020, Montana

Year	Coal	Natural Gas [a]	Petroleum							Nuclear Electric Power	Hydro-electric Power [g]	Fuel Ethanol [h]	Biodiesel
			Distillate Fuel Oil [b]	HGL [c]	Jet Fuel [d]	Motor Gasoline [e]	Residual Fuel Oil	Other [f]	Total				
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels							Million Kilowatthours		Thousand Barrels	
1960	253	56	4,898	737	265	6,922	2,063	4,234	19,118	0	5,801	NA	NA
1965	370	71	4,962	926	384	7,709	1,241	4,587	19,809	0	8,389	NA	NA
1970	763	88	4,827	1,326	649	9,262	1,268	5,338	22,670	0	8,745	NA	NA
1971	731	88	5,715	1,402	767	9,494	1,262	5,285	23,926	0	9,594	NA	NA
1972	830	84	6,206	1,705	762	10,137	1,469	6,031	26,308	0	9,444	NA	NA
1973	951	90	6,989	1,503	757	10,883	1,765	6,151	28,048	0	7,520	NA	NA
1974	923	80	7,840	1,466	780	10,550	2,262	5,418	28,316	0	9,724	NA	NA
1975	1,149	80	7,586	1,370	818	10,630	2,178	5,105	27,687	0	10,166	NA	NA
1976	2,507	74	8,411	1,421	753	11,605	2,525	5,127	29,843	0	12,402	NA	NA
1977	3,385	71	8,258	1,368	772	11,100	2,506	5,266	29,270	0	8,460	NA	NA
1978	3,390	73	8,232	1,662	699	12,809	2,502	5,095	30,999	0	11,708	NA	NA
1979	3,686	70	9,037	1,094	907	11,162	5,773	4,896	32,869	0	10,344	NA	NA
1980	3,520	61	7,509	1,806	920	10,416	4,025	4,585	29,262	0	9,966	NA	NA
1981	3,622	52	6,469	1,027	800	10,797	2,494	4,099	25,686	0	11,323	1	NA
1982	2,826	52	5,828	1,446	625	10,429	1,608	3,590	23,525	0	10,920	24	NA
1983	2,533	46	8,863	1,497	652	10,525	1,306	3,804	26,648	0	11,561	26	NA
1984	5,283	47	8,161	1,032	642	10,451	798	4,181	25,266	0	11,112	23	NA
1985	5,713	47	10,444	1,576	678	10,188	133	4,301	27,320	0	10,175	15	NA
1986	7,780	41	6,621	1,505	867	10,158	47	4,843	24,041	0	10,857	8	NA
1987	7,730	39	6,223	1,716	718	10,258	23	5,218	24,156	0	8,925	6	NA
1988	10,634	42	6,078	1,515	809	10,441	221	5,448	24,513	0	8,237	1	NA
1989	10,458	46	7,336	1,608	750	10,310	180	5,709	25,893	0	9,571	(s)	NA
1990	9,850	43	7,280	1,740	708	10,328	218	5,518	25,792	0	10,717	3	NA
1991	10,786	45	7,220	1,053	615	10,360	145	4,890	24,284	0	11,970	13	NA
1992	11,300	46	6,836	1,018	864	10,727	88	5,623	25,156	0	8,271	13	NA
1993	9,499	53	7,315	2,200	901	10,999	680	5,212	27,308	0	9,614	15	NA
1994	11,357	52	7,381	1,055	855	11,097	369	5,930	26,687	0	8,150	0	NA
1995	10,272	58	8,049	918	1,052	11,328	236	6,428	28,011	0	10,746	17	NA
1996	8,210	61	8,070	1,618	999	11,753	181	7,421	30,041	0	13,795	0	NA
1997	9,653	60	9,037	277	793	11,480	162	6,780	28,528	0	13,406	0	NA
1998	11,046	60	7,863	271	798	11,596	106	7,698	28,333	0	11,118	10	NA
1999	11,074	62	7,921	527	836	11,768	20	9,551	30,624	0	13,822	11	NA
2000	10,554	68	8,069	1,324	747	11,559	1	7,953	29,652	0	9,623	13	NA
2001	11,000	65	8,476	1,400	756	11,640	2	6,090	28,365	0	6,613	35	(s)
2002	9,841	70	8,145	1,502	768	11,871	39	6,948	29,274	0	9,567	35	(s)
2003	11,127	68	7,953	2,151	832	11,846	6	6,046	28,835	0	8,702	30	(s)
2004	11,522	67	9,988	2,384	1,008	11,991	42	6,760	32,173	0	8,856	38	(s)
2005	11,822	68	11,465	2,455	1,112	11,770	106	6,601	33,511	0	9,587	261	1
2006	11,531	74	12,232	2,409	1,045	11,960	125	7,672	35,443	0	10,130	311	3
2007	12,041	74	13,880	2,993	1,026	12,079	0	8,155	38,133	0	9,364	525	4
2008	12,113	76	12,869	2,989	832	11,626	0	7,501	35,817	0	10,000	660	3
2009	10,221	76	11,531	2,586	792	11,844	59	7,165	33,977	0	9,506	762	4
2010	12,087	72	9,854	2,349	R 1,126	11,906	1	6,799	R 32,035	0	9,415	699	3
2011	9,848	78	10,553	2,530	R 1,104	11,735	4	7,378	R 33,304	0	12,596	888	10
2012	9,300	73	10,028	2,071	R 1,123	11,887	(s)	7,350	R 32,459	0	11,283	978	9
2013	9,826	80	10,548	2,003	R 857	12,144	1	R 6,987	R 32,540	0	9,638	1,035	10
2014	10,462	78	9,819	2,297	R 948	12,279	3	6,594	R 31,941	0	11,483	1,022	9
2015	10,558	75	8,460	2,338	R 854	12,771	0	7,144	R 31,568	0	9,888	1,270	8
2016	9,591	75	8,703	2,098	R 1,090	12,976	0	R 6,989	R 31,857	0	10,083	1,343	12
2017	9,198	80	9,013	2,338	R 1,302	12,957	0	R 7,268	R 32,877	0	10,946	1,345	5
2018	8,972	87	9,230	2,507	R 1,335	12,778	0	R 6,880	R 32,729	0	11,405	1,319	6
2019	9,474	88	9,485	3,074	R 1,176	R 12,802	0	R 7,020	R 33,557	0	10,005	1,345	7
2020	5,826	82	10,037	2,824	1,192	12,021	0	7,110	33,185	0	10,748	1,275	6

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Beginning in 2009, includes biodiesel blended into distillate fuel oil.
[c] Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
[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 "Other Petroleum."
[e] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[f] Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
[g] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
[h] Includes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate.
NA = Not available.
Where shown, R = Revised data and (s) = Value less than 0.5.
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 https://www.eia.gov/state/seds/seds-data-complete.php.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2020, Montana

(Trillion Btu)

Year	Fossil Fuels										*Fossil Fuels (as commingled)*		
			Petroleum										
	Coal	Natural Gas excluding Supplemental Gaseous Fuels [a]	Distillate Fuel Oil excluding Biodiesel [a]	HGL [b]	Jet Fuel [c]	Motor Gasoline excluding Fuel Ethanol [a]	Residual Fuel Oil	Other [d]	Total	Total	*Natural Gas including Supplemental Gaseous Fuels* [a]	*Distillate Fuel Oil including Biodiesel* [a]	*Motor Gasoline including Fuel Ethanol* [a]
1960	4.0	57.6	28.5	2.8	1.4	36.4	13.0	24.9	107.0	168.6	*57.6*	*28.5*	*36.4*
1965	5.5	70.8	28.9	3.5	2.1	40.5	7.8	27.8	110.7	187.0	*70.8*	*28.9*	*40.5*
1970	12.0	90.6	28.1	5.0	3.6	48.7	8.0	32.8	126.2	228.8	*90.6*	*28.1*	*48.7*
1971	11.5	91.1	33.3	5.3	4.3	49.9	7.9	32.5	133.2	235.7	*91.1*	*33.3*	*49.9*
1972	13.2	87.0	36.1	6.5	4.3	53.2	9.2	37.0	146.3	246.5	*87.0*	*36.1*	*53.2*
1973	15.2	93.1	40.7	5.7	4.2	57.2	11.1	37.6	156.5	264.9	*93.1*	*40.7*	*57.2*
1974	14.7	81.7	45.7	5.6	4.4	55.4	14.2	33.2	158.4	254.8	*81.7*	*45.7*	*55.4*
1975	18.6	81.2	44.2	5.2	4.6	55.8	13.7	31.2	154.7	254.5	*81.2*	*44.2*	*55.8*
1976	42.2	75.4	49.0	5.4	4.2	61.0	15.9	31.5	167.0	284.5	*75.4*	*49.0*	*61.0*
1977	57.8	71.6	48.1	5.2	4.3	58.3	15.8	32.3	163.9	293.3	*71.6*	*48.1*	*58.3*
1978	57.6	72.7	48.0	6.3	3.9	67.3	15.7	31.1	172.3	302.6	*72.7*	*48.0*	*67.3*
1979	63.4	69.1	52.6	4.1	5.1	58.6	36.3	30.0	186.7	319.3	*69.1*	*52.6*	*58.6*
1980	60.2	61.5	43.7	6.7	5.2	54.7	25.3	28.1	163.7	285.4	*61.5*	*43.7*	*54.7*
1981	62.5	53.0	37.7	3.8	4.5	56.7	15.7	25.5	143.9	259.5	*53.0*	*37.7*	*56.7*
1982	48.6	52.8	33.9	5.3	3.5	54.8	10.1	22.4	130.1	231.5	*52.8*	*33.9*	*54.8*
1983	42.8	46.6	51.6	5.6	3.7	55.3	8.2	23.7	148.1	237.5	*46.6*	*51.6*	*55.3*
1984	90.3	47.1	47.5	3.8	3.6	54.9	5.0	26.0	140.8	278.2	*47.1*	*47.5*	*54.9*
1985	99.1	47.3	60.8	5.7	3.8	53.5	0.8	27.0	151.7	298.1	*47.3*	*60.8*	*53.5*
1986	133.2	41.1	38.6	5.5	4.8	53.4	0.3	30.7	133.3	307.7	*41.1*	*38.6*	*53.4*
1987	132.9	39.6	36.3	6.3	4.0	53.9	0.1	32.6	133.2	305.7	*39.6*	*36.3*	*53.9*
1988	181.5	42.9	35.4	5.6	4.5	54.8	1.4	33.7	135.5	359.9	*42.9*	*35.4*	*54.8*
1989	179.4	46.7	42.7	6.0	4.2	54.2	1.1	35.4	143.6	369.6	*46.7*	*42.7*	*54.2*
1990	168.8	44.4	42.4	6.4	4.0	54.3	1.4	34.0	142.4	355.7	*44.4*	*42.4*	*54.3*
1991	184.2	46.7	42.1	4.0	3.5	54.4	0.9	30.3	135.2	366.1	*46.7*	*42.1*	*54.4*
1992	194.1	46.6	39.8	3.8	4.8	56.3	0.6	34.6	139.9	380.6	*46.6*	*39.8*	*56.3*
1993	161.9	54.3	42.6	7.8	5.0	57.3	4.3	32.5	149.5	365.7	*54.3*	*42.6*	*57.4*
1994	193.7	53.3	43.0	3.9	4.8	57.9	2.3	36.9	148.7	395.7	*53.3*	*43.0*	*57.9*
1995	175.3	59.6	46.8	3.4	5.9	58.9	1.5	39.5	156.0	390.9	*59.6*	*46.8*	*59.0*
1996	138.8	63.3	47.0	5.8	5.7	61.2	1.1	45.6	166.4	368.4	*63.3*	*47.0*	*61.2*
1997	162.6	61.7	52.6	1.0	4.5	59.8	1.0	41.6	160.5	384.8	*61.7*	*52.6*	*59.8*
1998	186.1	61.4	45.8	1.0	4.5	60.3	0.7	47.3	159.5	407.0	*61.4*	*45.8*	*60.3*
1999	186.8	63.6	46.1	2.0	4.7	61.2	0.1	59.1	173.2	423.6	*63.6*	*46.1*	*61.2*
2000	176.8	69.6	47.0	5.0	4.2	60.1	(s)	49.2	165.4	411.8	*69.6*	*47.0*	*60.1*
2001	184.4	66.5	49.3	5.3	4.3	60.4	(s)	37.1	156.4	407.3	*66.5*	*49.3*	*60.5*
2002	166.3	71.0	47.4	5.6	4.4	61.6	0.2	42.4	161.6	398.9	*71.0*	*47.4*	*61.7*
2003	189.0	70.0	46.3	8.2	4.7	61.5	(s)	36.5	157.1	416.2	*70.0*	*46.3*	*61.6*
2004	195.6	68.6	58.1	9.1	5.7	62.2	0.3	40.8	176.1	440.3	*68.6*	*58.1*	*62.3*
2005	199.5	71.1	66.7	9.3	6.3	60.2	0.7	39.7	182.9	453.5	*71.1*	*66.7*	*61.1*
2006	194.3	75.1	71.0	9.1	5.9	60.9	0.8	46.5	194.3	463.7	*75.1*	*71.0*	*62.0*
2007	202.5	75.1	80.3	11.2	5.8	60.3	0.0	48.9	206.4	484.0	*75.1*	*80.3*	*62.1*
2008	203.3	77.6	74.4	11.3	4.7	57.1	0.0	44.9	192.4	473.3	*77.6*	*74.4*	*59.4*
2009	172.8	76.6	66.6	9.9	4.5	57.6	0.4	43.7	182.8	432.2	*76.6*	*66.6*	*60.3*
2010	203.3	72.9	56.9	9.0	R 6.4	57.9	(s)	41.8	R 172.0	R 448.2	*72.9*	*56.9*	*60.3*
2011	165.7	79.5	60.8	9.7	R 6.3	56.3	(s)	45.4	R 178.6	423.7	*79.5*	*60.9*	*59.4*
2012	157.3	75.2	57.8	8.0	6.4	56.8	(s)	45.1	174.0	406.6	*75.2*	*57.8*	*60.2*
2013	166.1	82.3	60.7	7.7	R 4.9	57.9	(s)	42.8	R 174.0	R 422.4	*82.3*	*60.8*	*61.4*
2014	175.4	80.1	56.5	8.8	R 5.4	58.6	(s)	40.5	R 169.8	R 425.2	*80.1*	*56.6*	*62.1*
2015	178.4	77.4	48.7	9.0	R 4.8	60.2	0.0	43.7	R 166.4	R 422.3	*77.4*	*48.7*	*64.6*
2016	161.9	77.6	50.0	8.1	R 6.2	60.9	0.0	43.6	R 168.8	R 408.3	*77.6*	*50.1*	*65.6*
2017	156.1	83.3	51.9	9.0	R 7.4	60.8	0.0	45.3	R 174.3	R 413.7	*83.3*	*51.9*	*65.5*
2018	152.3	90.8	53.1	9.6	R 7.6	60.0	0.0	42.9	R 173.2	R 416.3	*90.8*	*53.2*	*64.6*
2019	159.2	92.6	54.6	11.8	R 6.7	60.0	0.0	43.7	R 176.7	R 428.6	*92.6*	*54.6*	*64.7*
2020	98.9	87.5	57.7	10.8	6.8	56.3	0.0	44.2	175.8	362.2	*87.5*	*57.8*	*60.7*

[a] Supplemental gaseous fuels (SGF) and biofuels are consumed with natural gas and petroleum products. In this table, SGF and biofuels are removed from natural gas and petroleum so that a fossil fuel total can be calculated without double-counting. Biofuels are included in "Renewable Energy."

[b] Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

[c] 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."

[d] Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.

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

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 https://www.eia.gov/state/seds/seds-data-complete.php.

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

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2020, Montana (Continued)

(Trillion Btu)

Year	Nuclear Electric Power	Renewable Energy												
			Biomass											
		Hydro-electric Power [e,f]	Wood and Waste [f,g]	Fuel Ethanol [h]	Biodiesel	Losses and Co-products [i]	Total [f]	Geo-thermal [f]	Solar [f,j]	Wind	Total [f]	Net Interstate Flow of Electricity [k]	Electricity Net Imports [l]	Total [f]
1960	0.0	62.4	7.5	NA	NA	NA	7.5	0.0	NA	NA	69.9	-11.1	(s)	227.5
1965	0.0	87.7	7.8	NA	NA	NA	7.8	0.0	NA	NA	95.5	-23.7	(s)	258.8
1970	0.0	91.8	6.6	NA	NA	NA	6.6	0.0	NA	NA	98.4	-4.4	(s)	322.8
1971	0.0	100.5	6.7	NA	NA	NA	6.7	0.0	NA	NA	107.3	-9.0	(s)	333.9
1972	0.0	98.0	6.3	NA	NA	NA	6.3	0.0	NA	NA	104.3	-8.5	(s)	342.4
1973	0.0	78.1	6.5	NA	NA	NA	6.5	0.0	NA	NA	84.6	-1.9	(s)	347.7
1974	0.0	101.5	5.0	NA	NA	NA	5.0	0.0	NA	NA	106.6	-9.4	(s)	351.9
1975	0.0	105.8	6.2	NA	NA	NA	6.2	0.0	NA	NA	112.0	-21.1	(s)	345.4
1976	0.0	128.6	7.2	NA	NA	NA	7.2	0.0	NA	NA	135.8	-55.2	(s)	365.1
1977	0.0	88.3	9.1	NA	NA	NA	9.1	0.0	NA	NA	97.3	-29.6	(s)	361.1
1978	0.0	121.3	10.9	NA	NA	NA	10.9	0.0	NA	NA	132.2	-51.4	(s)	383.4
1979	0.0	107.1	12.3	NA	NA	NA	12.3	0.0	NA	NA	119.4	-41.5	(s)	397.2
1980	0.0	103.5	11.1	NA	NA	NA	11.1	0.0	NA	NA	114.6	-39.7	(s)	360.2
1981	0.0	118.4	12.6	(s)	NA	(s)	12.6	0.0	NA	NA	131.0	-53.3	(s)	337.2
1982	0.0	114.2	12.4	0.1	NA	(s)	12.5	0.0	NA	NA	126.7	-41.2	(s)	317.0
1983	0.0	121.6	13.9	0.1	NA	0.1	14.0	0.0	NA	0.0	135.7	-49.7	(s)	323.4
1984	0.0	116.0	14.3	0.1	NA	0.1	14.5	0.0	0.0	(s)	130.5	-49.2	(s)	359.5
1985	0.0	106.3	14.4	0.1	NA	0.1	14.6	0.0	0.0	(s)	120.8	-49.0	0.2	370.2
1986	0.0	113.4	20.2	(s)	NA	0.1	20.4	0.0	0.0	(s)	133.8	-88.9	(s)	352.6
1987	0.0	93.0	17.9	(s)	NA	0.1	18.0	0.0	0.0	0.0	111.0	-87.6	0.1	329.2
1988	0.0	85.0	18.6	(s)	NA	0.1	18.7	0.0	0.0	0.0	103.7	-121.8	(s)	341.8
1989	0.0	99.8	10.7	(s)	NA	0.1	10.8	0.1	(s)	0.0	110.8	-128.6	0.1	351.8
1990	0.0	111.5	11.7	(s)	NA	0.1	11.8	0.1	(s)	0.0	123.4	-128.6	0.2	350.6
1991	0.0	124.9	17.1	(s)	NA	0.1	17.2	0.1	(s)	0.0	142.3	-153.1	0.1	355.3
1992	0.0	85.5	10.0	(s)	NA	0.1	10.2	0.1	(s)	(s)	95.8	-127.0	0.1	349.4
1993	0.0	99.1	9.7	0.1	NA	0.0	9.8	0.1	(s)	0.0	109.0	-106.9	(s)	367.8
1994	0.0	84.1	10.1	0.0	NA	0.1	10.2	0.1	(s)	0.0	94.4	-118.2	(s)	371.9
1995	0.0	110.8	16.4	0.1	NA	0.1	16.6	0.1	(s)	0.0	127.5	-126.5	(s)	391.9
1996	0.0	142.6	15.7	0.0	NA	(s)	15.8	0.1	(s)	0.0	158.5	-129.3	0.1	397.8
1997	0.0	136.9	16.2	0.0	NA	(s)	16.2	0.1	(s)	0.0	153.3	-170.5	(s)	367.6
1998	0.0	113.4	14.7	(s)	NA	(s)	14.8	0.1	(s)	0.0	128.3	-144.1	0.1	391.3
1999	0.0	141.3	15.3	(s)	NA	(s)	15.4	0.3	(s)	0.0	157.0	-184.6	-0.1	395.9
2000	0.0	98.2	15.3	(s)	NA	(s)	15.3	0.3	(s)	0.0	113.8	-114.9	(s)	410.6
2001	0.0	68.3	11.9	0.1	(s)	(s)	12.0	0.3	(s)	0.0	80.7	-130.1	(s)	357.8
2002	0.0	97.3	11.0	0.1	(s)	(s)	11.1	0.3	(s)	0.0	108.7	-126.2	0.2	381.6
2003	0.0	88.1	12.0	0.1	(s)	(s)	12.1	0.3	(s)	0.0	100.5	-136.9	(s)	379.7
2004	0.0	88.7	12.5	0.1	(s)	0.0	12.7	0.3	(s)	0.0	101.6	-140.1	-0.1	401.7
2005	0.0	95.9	17.8	0.9	(s)	0.0	18.7	0.3	(s)	0.0	114.9	-146.3	(s)	422.1
2006	0.0	100.5	17.1	1.1	(s)	0.0	18.2	0.3	(s)	4.3	123.3	-144.7	-0.7	441.7
2007	0.0	92.6	20.0	1.8	(s)	0.0	21.8	0.3	(s)	4.9	119.6	-133.5	-0.2	469.9
2008	0.0	98.5	18.5	2.3	(s)	(s)	20.8	0.3	(s)	5.8	125.4	-141.2	-0.8	456.7
2009	0.0	92.8	12.7	2.6	(s)	(s)	15.4	0.3	(s)	8.0	116.5	-120.4	-1.0	427.2
2010	0.0	91.8	13.5	2.4	(s)	0.0	16.0	0.3	(s)	9.1	117.2	-159.0	-1.3	R 405.1
2011	0.0	122.4	5.3	3.1	0.1	0.0	8.4	0.4	(s)	12.3	143.5	-161.7	-1.3	R 404.3
2012	0.0	107.4	4.6	3.4	0.1	0.0	8.0	0.3	0.1	12.0	127.8	-136.7	-0.6	397.1
2013	0.0	92.0	5.3	3.6	0.1	0.0	9.0	0.3	0.1	16.7	118.1	-132.8	-1.2	R 406.6
2014	0.0	109.2	5.7	3.5	(s)	0.0	9.3	0.3	0.1	18.8	137.7	-154.4	-3.3	R 405.3
2015	0.0	92.1	14.1	4.4	(s)	0.0	18.6	0.3	0.1	18.3	129.5	-147.5	-0.6	R 403.6
2016	0.0	93.1	14.8	4.7	0.1	(s)	19.5	0.3	0.1	19.8	132.8	-135.1	0.4	R 406.4
2017	0.0	100.8	14.9	4.7	(s)	(s)	19.6	0.3	0.3	19.9	R 141.0	-132.5	0.7	R 422.9
2018	0.0	103.8	R 18.8	4.6	(s)	(s)	23.4	0.3	0.5	19.6	147.6	-126.0	-1.7	R 436.3
2019	0.0	89.1	R 18.2	4.7	(s)	(s)	22.9	0.3	0.5	21.1	133.9	-113.9	-2.7	R 445.9
2020	0.0	94.3	15.9	4.4	(s)	(s)	20.4	0.3	0.6	26.8	142.4	-71.3	-3.9	429.3

[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] Excludes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.

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

[j] Solar thermal and photovoltaic energy.

[k] 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.

[l] 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.

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 https://www.eia.gov/state/seds/seds-data-complete.php.

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

Table CT3. Total End-Use Energy Consumption Estimates, Selected Years, 1960-2020, Montana

Year	Coal	Natural Gas [a]	Petroleum							Hydro-electric Power [g,h]	Biomass		Geo-thermal [h]	Solar [h,k]	Electricity Retail Sales	Net Energy [h,l]	Electrical System Energy Losses [m]	Total [h,l]
			Distillate Fuel Oil [b]	HGL [c]	Jet Fuel [d]	Motor Gasoline [e]	Residual Fuel Oil	Other [f]	Total		Wood and Waste [h,i]	Losses and Co-products [j]						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels							Million Kilowatt-hours					Million Kilowatt-hours			
1960	67	55	4,898	737	265	6,922	2,063	4,234	19,118	0	– –	– –	– –	– –	4,575	– –	– –	– –
1970	40	85	4,826	1,326	649	9,262	1,243	5,338	22,644	0	– –	– –	– –	– –	8,750	– –	– –	– –
1980	168	57	7,450	1,806	920	10,416	4,025	4,585	29,203	0	– –	– –	– –	– –	10,825	– –	– –	– –
1990	277	43	7,217	1,740	708	10,328	218	5,518	25,729	0	– –	– –	– –	– –	13,125	– –	– –	– –
2000	169	68	8,028	1,324	747	11,559	1	6,596	28,255	0	– –	– –	– –	– –	14,580	– –	– –	– –
2001	162	65	8,474	1,400	756	11,640	2	4,661	26,935	0	– –	– –	– –	– –	11,447	– –	– –	– –
2002	95	69	8,120	1,502	768	11,871	39	5,704	28,003	0	– –	– –	– –	– –	12,831	– –	– –	– –
2003	95	68	7,925	2,151	832	11,846	6	4,859	27,620	0	– –	– –	– –	– –	12,825	– –	– –	– –
2004	200	67	9,955	2,384	1,008	11,991	42	5,426	30,807	0	– –	– –	– –	– –	12,957	– –	– –	– –
2005	235	68	11,447	2,455	1,112	11,770	106	5,343	32,235	0	– –	– –	– –	– –	13,479	– –	– –	– –
2006	229	73	12,207	2,409	1,045	11,960	125	6,393	34,139	0	– –	– –	– –	– –	13,815	– –	– –	– –
2007	112	73	13,859	2,993	1,026	12,079	0	6,912	36,869	0	– –	– –	– –	– –	15,532	– –	– –	– –
2008	102	76	12,855	2,989	832	11,626	0	6,337	34,638	0	– –	– –	– –	– –	15,326	– –	– –	– –
2009	70	75	11,514	2,586	792	11,844	59	5,816	32,611	0	– –	– –	– –	– –	14,354	– –	– –	– –
2010	82	71	9,837	2,349	R 1,126	11,906	1	5,661	R 30,881	0	– –	– –	– –	– –	13,771	– –	– –	– –
2011	90	74	10,525	2,530	R 1,104	11,735	4	6,058	R 31,956	0	– –	– –	– –	– –	13,788	– –	– –	– –
2012	243	68	10,014	2,071	R 1,123	11,887	(s)	6,006	R 31,101	0	– –	– –	– –	– –	13,863	– –	– –	– –
2013	263	72	10,529	2,003	R 857	12,144	1	R 5,664	R 31,198	0	– –	– –	– –	– –	14,045	– –	– –	– –
2014	282	72	9,773	2,297	R 948	12,279	3	R 5,387	R 30,687	0	– –	– –	– –	– –	14,102	– –	– –	– –
2015	281	68	8,448	2,338	R 854	12,771	0	R 5,687	R 30,098	0	– –	– –	– –	– –	14,207	– –	– –	– –
2016	263	70	8,682	2,098	R 1,090	12,976	0	R 5,623	R 30,470	0	– –	– –	– –	– –	14,101	– –	– –	– –
2017	255	75	8,998	2,338	R 1,302	12,957	0	R 5,882	R 31,476	0	– –	– –	– –	– –	14,710	– –	– –	– –
2018	238	82	9,205	2,507	R 1,335	12,778	0	R 5,644	R 31,469	0	– –	– –	– –	– –	14,839	– –	– –	– –
2019	199	83	9,461	3,074	R 1,176	R 12,802	0	R 5,742	R 32,256	0	– –	– –	– –	– –	15,321	– –	– –	– –
2020	202	78	10,018	2,824	1,192	12,021	0	5,784	31,839	0	– –	– –	– –	– –	14,584	– –	– –	– –
			Trillion Btu															
1960	1.5	57.3	28.5	2.8	1.4	36.4	13.0	24.9	107.0	0.0	7.5	NA	NA	NA	15.6	188.9	38.6	227.5
1970	0.8	88.0	28.1	5.0	3.6	48.7	7.8	32.8	126.0	0.0	5.9	NA	NA	NA	29.9	250.6	72.2	322.8
1980	3.2	57.1	43.4	6.7	5.2	54.7	25.3	28.1	163.3	0.0	10.9	NA	NA	NA	36.9	271.5	88.7	360.2
1990	5.1	43.9	42.0	6.4	4.0	54.3	1.4	34.0	142.1	0.0	10.9	0.1	0.1	(s)	44.8	247.0	103.6	350.6
2000	2.7	69.4	46.7	5.0	4.2	60.1	(s)	41.0	157.1	0.0	15.3	(s)	0.3	(s)	49.7	294.5	116.1	410.6
2001	2.7	66.3	49.3	5.3	4.3	60.5	(s)	28.5	147.9	0.0	11.9	(s)	0.3	(s)	39.1	268.1	89.7	357.8
2002	1.4	70.9	47.2	5.6	4.4	61.7	0.2	34.9	154.0	0.0	11.0	(s)	0.3	(s)	43.8	281.4	100.2	381.6
2003	1.4	69.8	46.1	8.2	4.7	61.6	(s)	29.3	149.9	0.0	12.0	(s)	0.3	(s)	43.8	277.1	102.6	379.7
2004	3.3	68.4	57.9	9.1	5.7	62.3	0.3	33.2	168.4	0.0	12.5	0.0	0.3	(s)	44.2	297.2	104.5	401.7
2005	3.9	70.9	66.6	9.3	6.3	61.1	0.7	32.5	176.5	0.0	17.8	0.0	0.3	(s)	46.0	315.5	106.6	422.1
2006	3.8	74.6	70.8	9.1	5.9	62.0	0.8	39.2	187.9	0.0	17.1	0.0	0.3	(s)	47.1	330.9	110.8	441.7
2007	1.7	74.0	80.2	11.2	5.8	62.1	0.0	41.7	201.0	0.0	20.0	0.0	0.3	(s)	53.0	350.0	119.9	469.9
2008	1.7	77.1	74.3	11.3	4.7	59.4	0.0	38.2	188.0	0.0	18.5	(s)	0.3	(s)	52.3	337.8	118.9	456.7
2009	1.1	76.0	66.5	9.9	4.5	60.3	0.4	36.0	177.6	0.0	12.7	(s)	0.3	(s)	49.0	316.7	110.6	427.2
2010	1.3	72.2	56.8	9.0	R 6.4	60.3	(s)	35.3	R 167.8	0.0	13.5	0.0	0.3	(s)	47.0	R 302.1	103.0	R 405.1
2011	1.4	74.7	60.7	9.7	R 6.3	59.4	(s)	37.8	R 174.0	0.0	5.3	0.0	0.4	(s)	47.0	R 302.9	101.4	404.2
2012	4.3	69.7	57.8	8.0	6.4	60.2	(s)	37.5	169.7	0.0	4.6	0.0	0.3	0.1	47.3	296.0	101.1	397.1
2013	4.5	74.9	60.7	7.7	R 4.9	61.4	(s)	R 35.3	R 169.9	0.0	5.3	0.0	0.3	0.1	47.9	R 303.0	103.5	R 406.6
2014	4.9	74.3	56.3	8.8	R 5.4	62.1	(s)	33.6	R 166.2	0.0	5.7	0.0	0.3	0.1	48.1	R 299.7	105.6	R 405.3
2015	5.0	70.7	48.7	9.0	R 4.8	64.6	0.0	35.4	162.5	0.0	14.1	0.0	0.3	0.1	48.5	301.3	102.4	R 403.6
2016	4.7	72.0	50.0	8.1	R 6.2	65.6	0.0	35.8	R 165.6	0.0	14.8	(s)	0.3	0.1	48.1	R 305.7	100.7	R 406.4
2017	4.6	78.5	51.8	9.0	R 7.4	65.5	0.0	37.4	R 171.0	0.0	14.9	(s)	0.3	0.1	50.2	R 319.7	103.2	R 422.9
2018	4.4	85.4	53.0	9.6	R 7.6	64.6	0.0	35.9	R 170.7	0.0	R 18.8	(s)	0.3	0.2	50.6	R 330.4	106.0	R 436.3
2019	3.6	R 87.0	54.5	11.8	R 6.7	64.7	0.0	36.4	R 174.0	0.0	R 18.2	(s)	0.3	0.2	52.3	R 335.5	110.4	R 445.9
2020	3.6	83.9	57.7	10.8	6.8	60.7	0.0	36.6	172.6	0.0	15.8	(s)	0.3	0.3	49.8	326.3	103.0	429.3

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Beginning in 2009, includes biodiesel blended into distillate fuel oil.
[c] Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
[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 "Other Petroleum."
[e] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[f] Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
[g] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
[h] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
[i] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[j] Losses and co-products from the production of biodiesel and fuel ethanol.
[k] Solar thermal and photovoltaic energy.
[l] 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. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by the commercial and industrial sectors.
[m] 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 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.

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2020, Montana

Year	Coal [a]	Natural Gas [b]	Petroleum				Biomass	Geothermal [e]	Solar [e,f]	Electricity Retail Sales	Net Energy [e,g]	Electrical System Energy Losses [h]	Total [e,g]
			Distillate Fuel Oil	HGL [c]	Kerosene	Total							
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Wood [d]			Million Kilowatthours			
1960	18	17	262	488	0	750	– –	– –	– –	935	– –	– –	– –
1965	13	20	277	614	0	891	– –	– –	– –	1,216	– –	– –	– –
1970	7	25	249	856	0	1,106	– –	– –	– –	1,534	– –	– –	– –
1975	3	24	589	939	0	1,528	– –	– –	– –	2,143	– –	– –	– –
1980	3	19	421	799	0	1,220	– –	– –	– –	2,916	– –	– –	– –
1985	2	19	309	583	9	901	– –	– –	– –	3,614	– –	– –	– –
1990	11	17	291	784	1	1,077	– –	– –	– –	3,358	– –	– –	– –
1995	1	20	218	456	1	674	– –	– –	– –	3,640	– –	– –	– –
2000	(s)	20	170	890	(s)	1,060	– –	– –	– –	3,908	– –	– –	– –
2005	12	20	169	1,732	1	1,902	– –	– –	– –	4,221	– –	– –	– –
2006	13	19	196	1,726	1	1,923	– –	– –	– –	4,394	– –	– –	– –
2007	(s)	20	197	1,990	1	2,187	– –	– –	– –	4,542	– –	– –	– –
2008	0	22	248	2,230	3	2,481	– –	– –	– –	4,669	– –	– –	– –
2009	0	22	115	2,362	(s)	2,477	– –	– –	– –	4,790	– –	– –	– –
2010	0	21	109	1,966	1	2,075	– –	– –	– –	4,743	– –	– –	– –
2011	0	22	99	2,089	1	2,189	– –	– –	– –	4,913	– –	– –	– –
2012	0	19	93	1,638	(s)	1,731	– –	– –	– –	4,778	– –	– –	– –
2013	0	21	80	1,606	(s)	1,686	– –	– –	– –	4,926	– –	– –	– –
2014	0	21	63	1,809	1	1,873	– –	– –	– –	4,969	– –	– –	– –
2015	0	19	70	1,822	(s)	1,892	– –	– –	– –	4,825	– –	– –	– –
2016	0	19	67	1,609	1	1,678	– –	– –	– –	4,853	– –	– –	– –
2017	0	21	66	1,885	(s)	1,951	– –	– –	– –	5,225	– –	– –	– –
2018	0	23	59	1,795	(s)	1,854	– –	– –	– –	5,198	– –	– –	– –
2019	0	24	64	2,483	(s)	2,547	– –	– –	– –	5,308	– –	– –	– –
2020	0	22	47	2,205	6	2,258	– –	– –	– –	5,380	– –	– –	– –
							Trillion Btu						
1960	0.4	17.5	1.5	1.9	0.0	3.4	4.7	NA	NA	3.2	29.2	7.9	37.1
1965	0.3	19.9	1.6	2.4	0.0	4.0	3.6	NA	NA	4.1	32.0	9.9	41.9
1970	0.1	25.6	1.5	3.3	0.0	4.7	2.8	NA	NA	5.2	38.5	12.7	51.1
1975	0.1	24.6	3.4	3.6	0.0	7.0	3.1	NA	NA	7.3	42.0	17.5	59.6
1980	0.1	19.5	2.5	3.1	0.0	5.5	2.5	NA	NA	9.9	37.5	23.9	61.4
1985	(s)	19.4	1.8	2.2	0.1	4.1	3.9	NA	NA	12.3	39.7	28.2	67.9
1990	0.2	17.3	1.7	3.0	(s)	4.7	1.8	(s)	(s)	11.5	35.5	26.5	62.0
1995	(s)	20.2	1.3	1.8	(s)	3.0	1.7	(s)	(s)	12.4	37.5	30.0	67.4
2000	(s)	20.6	1.0	3.4	(s)	4.4	1.9	0.1	(s)	13.3	40.3	31.1	71.4
2005	0.2	20.6	1.0	6.7	(s)	7.6	6.0	0.1	(s)	14.4	49.0	33.4	82.4
2006	0.2	19.8	1.1	6.6	(s)	7.8	5.4	0.1	(s)	15.0	48.2	35.2	83.4
2007	(s)	20.0	1.1	7.6	(s)	8.8	5.9	0.1	(s)	15.5	50.3	35.1	85.4
2008	0.0	21.9	1.4	8.6	(s)	10.0	6.6	0.1	(s)	15.9	54.6	36.2	90.8
2009	0.0	22.0	0.7	9.1	(s)	9.7	3.2	0.1	(s)	16.3	51.4	36.9	88.3
2010	0.0	21.1	0.6	7.5	(s)	8.2	3.4	0.1	(s)	16.2	49.0	35.5	84.5
2011	0.0	22.1	0.6	8.0	(s)	8.6	3.3	0.2	(s)	16.8	50.9	36.1	87.1
2012	0.0	19.5	0.5	6.3	(s)	6.8	2.8	0.1	0.1	16.3	45.6	34.8	80.5
2013	0.0	21.5	0.5	6.2	(s)	6.6	3.6	0.1	0.1	16.8	48.8	36.3	85.1
2014	0.0	21.9	0.4	6.9	(s)	7.3	3.7	0.1	0.1	17.0	50.1	37.2	87.3
2015	0.0	19.5	0.4	7.0	(s)	7.4	10.8	0.1	0.1	16.5	54.4	34.8	89.2
2016	0.0	19.7	0.4	6.2	(s)	6.6	11.1	0.1	0.1	16.6	54.2	34.7	88.9
2017	0.0	22.4	0.4	7.2	(s)	7.6	10.8	0.1	0.1	17.8	58.9	36.6	95.5
2018	0.0	23.6	0.3	6.9	(s)	7.2	R 14.5	0.1	0.1	17.7	63.3	37.1	100.4
2019	0.0	25.1	0.4	9.5	(s)	9.9	R 14.1	0.1	0.2	18.1	67.5	38.2	105.7
2020	0.0	23.4	0.3	8.5	(s)	8.8	11.6	0.1	0.2	18.4	62.5	38.0	100.5

[a] Beginning in 2008, data are no longer collected and are assumed to be zero.
[b] Includes supplemental gaseous fuels that are commingled with natural gas.
[c] Hydrocarbon gas liquids, assumed to be propane only.
[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 solar thermal energy consumed as heat by 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 https://www.eia.gov/state/seds/seds-data-complete.php.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2020, Montana

Year	Coal	Natural Gas [a]	Petroleum						Hydro-electric Power [e,f]	Biomass	Geothermal [f]	Solar [f,h]	Electricity Retail Sales	Net Energy [f,i]	Electrical System Energy Losses [j]	Total [f,i]
			Distillate Fuel Oil	HGL [b]	Kerosene	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	12	12	297	107	466	135	2	1,007	NA	– –	– –	NA	688	– –	– –	– –
1965	10	14	315	135	227	144	1	822	NA	– –	– –	NA	925	– –	– –	– –
1970	5	19	283	188	94	220	1	786	NA	– –	– –	NA	1,187	– –	– –	– –
1975	7	19	668	206	54	174	2	1,105	NA	– –	– –	NA	1,645	– –	– –	– –
1980	11	14	346	175	0	92	7	620	NA	– –	– –	NA	2,094	– –	– –	– –
1985	6	15	772	128	(s)	72	126	1,098	NA	– –	– –	NA	4,245	– –	– –	– –
1990	46	12	154	172	(s)	84	11	421	0	– –	– –	(s)	3,237	– –	– –	– –
1995	9	13	102	100	(s)	13	3	218	0	– –	– –	(s)	3,411	– –	– –	– –
2000	3	14	143	195	(s)	14	1	353	0	– –	– –	(s)	4,104	– –	– –	– –
2005	133	13	163	414	7	15	0	600	0	– –	– –	(s)	4,473	– –	– –	– –
2006	127	13	215	344	(s)	16	0	574	0	– –	– –	1	4,686	– –	– –	– –
2007	2	13	175	316	(s)	15	0	506	0	– –	– –	1	4,828	– –	– –	– –
2008	11	14	229	428	1	17	0	675	0	– –	– –	1	4,826	– –	– –	– –
2009	10	24	145	183	0	15	32	376	0	– –	– –	1	4,791	– –	– –	– –
2010	7	20	105	291	(s)	15	1	412	0	– –	– –	1	4,789	– –	– –	– –
2011	9	22	123	303	(s)	15	4	445	0	– –	– –	1	4,892	– –	– –	– –
2012	5	19	106	375	(s)	14	(s)	496	0	– –	– –	2	4,918	– –	– –	– –
2013	2	21	104	309	(s)	15	1	430	0	– –	– –	2	4,890	– –	– –	– –
2014	1	22	85	395	(s)	14	3	497	0	– –	– –	2	4,903	– –	– –	– –
2015	2	20	53	387	(s)	148	0	588	0	– –	– –	3	4,894	– –	– –	– –
2016	2	21	129	422	(s)	149	0	700	0	– –	– –	3	4,832	– –	– –	– –
2017	2	23	116	359	(s)	150	0	625	0	– –	– –	4	4,970	– –	– –	– –
2018	3	26	96	604	0	152	0	852	0	– –	– –	6	4,921	– –	– –	– –
2019	2	28	87	434	(s)	153	0	674	0	– –	– –	7	4,956	– –	– –	– –
2020	1	26	98	529	(s)	154	0	781	0	– –	– –	10	4,702	– –	– –	– –
									Trillion Btu							
1960	0.3	12.3	1.7	0.4	2.6	0.7	(s)	5.5	NA	0.1	NA	NA	2.3	20.5	5.8	26.3
1965	0.2	14.1	1.8	0.5	1.3	0.8	(s)	4.4	NA	0.1	NA	NA	3.2	22.0	7.5	29.5
1970	0.1	19.2	1.6	0.7	0.5	1.2	(s)	4.1	NA	0.1	NA	NA	4.1	27.4	9.8	37.2
1975	0.2	19.0	3.9	0.8	0.3	0.9	(s)	5.9	NA	0.1	NA	NA	5.6	30.8	13.5	44.2
1980	0.2	14.4	2.0	0.7	0.0	0.5	(s)	3.2	NA	0.1	NA	NA	7.1	25.1	17.2	42.2
1985	0.1	14.8	4.5	0.5	(s)	0.4	0.8	6.2	NA	0.1	NA	NA	14.5	35.7	33.2	68.8
1990	0.9	12.5	0.9	0.7	(s)	0.4	0.1	2.1	0.0	0.2	0.1	(s)	11.0	26.7	25.6	52.3
1995	0.2	13.9	0.6	0.4	(s)	0.1	(s)	1.1	0.0	0.2	0.1	(s)	11.6	27.1	28.1	55.2
2000	(s)	13.9	0.8	0.8	(s)	0.1	(s)	1.7	0.0	0.3	0.2	(s)	14.0	30.0	32.7	62.7
2005	2.4	13.7	0.9	1.6	(s)	0.1	0.0	2.7	0.0	1.0	0.2	(s)	15.3	35.1	35.4	70.5
2006	2.3	13.4	1.2	1.3	(s)	0.1	0.0	2.6	0.0	0.9	0.2	(s)	16.0	35.4	37.6	73.0
2007	(s)	13.4	1.0	1.2	(s)	0.1	0.0	2.3	0.0	1.0	0.1	(s)	16.5	R 33.4	37.3	70.6
2008	0.3	14.6	1.3	1.6	(s)	0.1	0.0	3.1	0.0	1.0	0.1	(s)	16.5	35.5	37.4	72.9
2009	0.2	23.8	0.8	0.7	0.0	0.1	0.2	1.8	0.0	0.4	0.1	(s)	16.3	42.8	36.9	79.7
2010	0.2	20.7	0.6	1.1	(s)	0.1	(s)	1.8	0.0	0.4	0.1	(s)	16.3	39.6	35.8	75.4
2011	0.2	22.7	0.7	1.2	(s)	0.1	(s)	2.0	0.0	0.4	0.1	(s)	16.7	42.2	36.0	78.2
2012	0.1	19.7	0.6	1.4	(s)	0.1	(s)	2.1	0.0	0.4	0.1	(s)	16.8	39.2	35.9	75.1
2013	(s)	21.7	0.6	1.2	(s)	0.1	(s)	1.9	0.0	0.4	0.1	(s)	16.7	40.9	36.0	76.9
2014	(s)	22.1	0.5	1.5	(s)	0.1	(s)	2.1	0.0	0.5	0.1	(s)	16.7	41.6	36.7	78.3
2015	0.1	20.1	0.3	1.5	(s)	0.7	0.0	2.5	0.0	1.6	0.1	(s)	16.7	41.2	35.3	76.5
2016	(s)	22.0	0.7	1.6	(s)	0.8	0.0	3.1	0.0	2.0	0.1	(s)	16.5	43.8	34.5	78.3
2017	(s)	24.3	0.7	1.4	(s)	0.8	0.0	2.8	0.0	2.0	0.1	(s)	17.0	46.3	34.9	81.2
2018	0.1	27.4	0.6	2.3	0.0	0.8	0.0	3.6	0.0	2.2	0.1	0.1	16.8	50.3	35.1	85.4
2019	(s)	29.2	0.5	1.7	(s)	0.8	0.0	2.9	0.0	2.0	0.1	0.1	16.9	51.3	35.7	87.0
2020	(s)	27.5	0.6	2.0	(s)	0.8	0.0	3.4	0.0	2.1	0.1	0.1	16.0	49.2	33.2	82.4

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Hydrocarbon gas liquids, assumed to be propane only.
[c] Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See Technical Notes, Section 4.
[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] Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.
[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. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by commercial utility-scale facilities.
[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.

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

Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2020, Montana

Year	Coal	Natural Gas [a]	Petroleum						Hydro-electric Power [e,f]	Biomass		Geo-thermal [f]	Solar [f,i]	Electricity Retail Sales	Net Energy [f,j]	Electrical System Energy Losses [k]	Total [f,j]
			Distillate Fuel Oil	HGL [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	36	26	1,500	112	816	1,684	2,624	6,737	0	– –	– –	– –	NA	2,951	– –	– –	– –
1965	52	34	1,693	164	887	914	3,901	7,559	0	– –	– –	– –	NA	3,939	– –	– –	– –
1970	28	41	1,274	246	635	1,123	5,047	8,324	0	– –	– –	– –	NA	6,029	– –	– –	– –
1975	50	34	2,494	174	774	1,963	4,810	10,215	0	– –	– –	– –	NA	5,160	– –	– –	– –
1980	154	20	1,925	786	619	4,018	4,229	11,577	0	– –	– –	– –	NA	5,815	– –	– –	– –
1985	225	10	5,192	814	677	7	4,022	10,712	0	– –	– –	– –	NA	5,841	– –	– –	– –
1990	220	12	2,778	717	615	207	5,205	9,522	0	– –	– –	– –	(s)	6,529	– –	– –	– –
1995	622	20	2,283	333	646	233	4,936	8,432	0	– –	– –	– –	(s)	6,368	– –	– –	– –
2000	166	26	1,904	227	406	0	6,258	8,795	0	– –	– –	– –	(s)	6,568	– –	– –	– –
2001	159	24	1,907	275	546	2	4,364	7,094	0	– –	– –	– –	(s)	3,370	– –	– –	– –
2002	92	25	1,842	358	566	39	5,402	8,206	0	– –	– –	– –	(s)	4,463	– –	– –	– –
2003	93	24	2,507	212	585	6	4,581	7,891	0	– –	– –	– –	(s)	4,267	– –	– –	– –
2004	92	25	3,237	164	681	42	5,206	9,331	0	– –	– –	– –	(s)	4,574	– –	– –	– –
2005	89	27	3,519	287	638	106	5,115	9,665	0	– –	– –	– –	(s)	4,784	– –	– –	– –
2006	89	33	3,673	322	694	95	6,137	10,920	0	– –	– –	– –	0	4,735	– –	– –	– –
2007	110	32	4,474	676	501	0	6,667	12,318	0	– –	– –	– –	0	6,163	– –	– –	– –
2008	90	33	4,323	295	359	0	6,081	11,059	0	– –	– –	– –	0	5,831	– –	– –	– –
2009	60	25	3,800	31	357	27	5,596	9,811	0	– –	– –	– –	0	4,773	– –	– –	– –
2010	74	23	2,149	R 86	295	0	R 5,484	R 8,013	0	– –	– –	– –	0	4,239	– –	– –	– –
2011	81	23	2,372	R 132	296	0	5,886	R 8,687	0	– –	– –	– –	0	3,983	– –	– –	– –
2012	238	23	2,568	R 53	274	0	5,850	R 8,746	0	– –	– –	– –	0	4,168	– –	– –	– –
2013	262	24	2,591	R 84	290	(s)	R 5,504	R 8,469	0	– –	– –	– –	0	4,229	– –	– –	– –
2014	281	25	2,416	91	284	0	R 5,210	R 8,001	0	– –	– –	– –	0	4,230	– –	– –	– –
2015	279	26	1,658	R 126	348	0	R 5,500	7,632	0	– –	– –	– –	0	4,488	– –	– –	– –
2016	261	25	1,418	R 64	339	0	R 5,449	R 7,270	0	– –	– –	– –	0	4,416	– –	– –	– –
2017	252	27	1,448	R 90	341	0	R 5,722	R 7,601	0	– –	– –	– –	0	4,515	– –	– –	– –
2018	235	29	1,543	R 100	347	0	R 5,485	7,476	0	– –	– –	– –	0	4,720	– –	– –	– –
2019	197	28	1,854	R 150	342	0	R 5,591	R 7,938	0	– –	– –	– –	0	5,057	– –	– –	– –
2020	201	28	1,746	83	346	0	5,626	7,800	0	– –	– –	– –	0	4,502	– –	– –	– –
			Trillion Btu														
1960	0.8	27.0	8.7	0.4	4.3	10.6	16.3	40.3	0.0	2.7	NA	NA	NA	10.1	80.9	24.9	105.8
1965	1.2	34.3	9.9	0.6	4.7	5.7	24.1	45.0	0.0	3.7	NA	NA	NA	13.4	97.6	32.1	129.7
1970	0.6	42.5	7.4	0.9	3.3	7.1	31.1	49.8	0.0	3.0	NA	NA	NA	20.6	116.5	49.8	166.3
1975	1.0	34.6	14.5	0.6	4.1	12.3	29.5	61.0	0.0	3.0	NA	NA	NA	17.6	117.2	42.2	159.5
1980	2.9	20.3	11.2	2.8	3.3	25.3	26.1	68.6	0.0	8.3	NA	NA	NA	19.8	120.0	47.7	167.7
1985	4.1	10.3	30.2	2.8	3.6	(s)	25.4	62.1	0.0	9.8	0.1	NA	NA	19.9	106.3	45.6	151.9
1990	4.0	12.0	16.2	2.5	3.2	1.3	32.3	55.4	0.0	8.9	0.1	(s)	(s)	22.3	102.8	51.6	154.3
1995	11.2	21.0	13.3	1.2	3.4	1.5	30.6	49.8	0.0	14.4	0.1	(s)	(s)	21.7	118.4	52.4	170.8
2000	2.7	27.1	11.1	0.8	2.1	0.0	39.1	53.1	0.0	13.1	(s)	0.1	(s)	22.4	118.4	52.3	170.7
2001	2.6	24.5	11.1	0.9	2.8	(s)	26.8	41.7	0.0	10.7	(s)	0.1	(s)	11.5	91.0	26.4	117.5
2002	1.3	25.8	10.7	1.2	2.9	0.2	33.1	48.3	0.0	9.7	(s)	0.1	(s)	15.2	100.4	34.9	135.3
2003	1.4	24.8	14.6	0.7	3.0	(s)	27.7	46.1	0.0	10.6	(s)	(s)	(s)	14.6	97.6	34.1	131.7
2004	1.4	25.7	18.8	0.6	3.5	0.3	31.9	55.1	0.0	11.2	0.0	0.1	(s)	15.6	109.0	36.9	145.9
2005	1.3	28.3	20.5	1.0	3.3	0.7	31.2	56.6	0.0	10.8	0.0	0.1	(s)	16.3	113.5	37.8	151.3
2006	1.3	33.7	21.3	1.1	3.6	0.6	37.8	64.4	0.0	10.9	0.0	0.1	0.0	16.2	126.4	38.0	164.4
2007	1.6	32.6	25.9	2.3	2.6	0.0	40.3	71.1	0.0	13.1	0.0	0.1	0.0	21.0	139.5	47.6	187.1
2008	1.4	33.2	25.0	1.0	1.8	0.0	36.8	64.6	0.0	10.8	(s)	0.1	0.0	19.9	130.0	45.2	175.2
2009	0.9	25.0	22.0	0.1	1.8	0.2	34.8	58.8	0.0	9.1	(s)	0.1	0.0	16.3	110.1	36.8	146.9
2010	1.1	22.8	12.4	0.3	1.5	0.0	34.2	R 48.5	0.0	9.7	0.0	0.1	0.0	14.5	96.6	31.7	128.3
2011	1.2	23.0	13.7	0.5	1.5	0.0	36.8	52.5	0.0	1.5	0.0	0.1	0.0	13.6	91.9	29.3	121.2
2012	4.2	23.3	14.8	0.2	1.4	0.0	36.6	R 53.0	0.0	1.4	0.0	0.1	0.0	14.2	96.2	30.4	126.6
2013	4.5	24.7	14.9	0.3	1.5	(s)	34.3	R 51.1	0.0	1.3	0.0	0.1	0.0	14.4	96.0	31.2	R 127.2
2014	4.9	26.0	13.9	0.3	1.4	0.0	32.6	48.3	0.0	1.6	0.0	0.1	0.0	14.4	95.3	31.7	R 127.0
2015	5.0	26.4	9.6	0.5	1.8	0.0	34.3	46.1	0.0	1.7	0.0	0.1	0.0	15.3	94.6	32.3	126.9
2016	4.7	25.5	8.2	0.2	1.7	0.0	34.8	44.9	0.0	1.7	(s)	0.1	0.0	15.1	91.9	31.5	R 123.4
2017	4.5	27.8	8.3	0.3	1.7	0.0	36.5	46.9	0.0	2.1	(s)	0.1	0.0	15.4	96.8	31.7	128.5
2018	4.3	29.9	8.9	0.4	1.8	0.0	R 35.0	46.0	0.0	2.1	(s)	0.1	0.0	16.1	98.5	33.7	132.2
2019	3.5	29.1	10.7	0.6	1.7	0.0	35.5	48.5	0.0	2.1	(s)	0.1	0.0	17.3	R 100.5	36.4	R 136.9
2020	3.6	29.5	10.0	0.3	1.7	0.0	35.7	47.8	0.0	2.1	(s)	0.1	0.0	15.4	98.4	31.8	130.2

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
[c] Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See Technical Notes, Section 4.
[d] Includes asphalt and road oil, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
[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 biodiesel and fuel ethanol.
[i] Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.
[j] 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. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by industrial utility-scale facilities.
[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.

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

Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2020, Montana

Year	Coal	Natural Gas [a]	Petroleum								Electricity Retail Sales	Net Energy [f,g]	Electrical System Energy Losses [h]	Total [f,g]
			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	R 6	R 1,126	129	11,596	0	R 20,380	0	--	--	--
2011	0	7	44	7,931	R 6	R 1,104	127	11,424	0	R 20,635	0	--	--	--
2012	0	7	41	7,247	R 5	R 1,123	115	11,598	0	R 20,128	0	--	--	--
2013	0	7	37	7,754	R 4	R 857	123	11,839	0	R 20,614	0	--	--	--
2014	0	4	55	7,209	R 2	R 948	122	11,981	0	R 20,317	0	--	--	--
2015	0	4	57	6,666	3	R 854	129	12,276	0	R 19,985	0	--	--	--
2016	0	5	49	7,068	3	R 1,090	124	12,488	0	R 20,823	0	--	--	--
2017	0	4	44	7,368	R 4	R 1,302	116	12,466	0	R 21,298	0	--	--	--
2018	0	4	49	7,507	R 7	R 1,335	109	12,279	0	R 21,288	0	--	--	--
2019	0	3	46	7,456	R 7	R 1,176	105	R 12,307	0	R 21,097	0	--	--	--
2020	0	3	48	8,127	8	1,192	104	11,521	0	21,000	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)	R 6.4	0.8	58.8	0.0	R 109.4	0.0	R 116.9	0.0	R 116.9
2011	0.0	7.0	0.2	45.8	(s)	R 6.3	0.8	57.8	0.0	R 110.9	0.0	R 117.9	0.0	R 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)	R 4.9	0.7	59.9	0.0	R 110.4	0.0	R 117.4	0.0	R 117.4
2014	0.0	4.2	0.3	41.5	(s)	R 5.4	0.7	60.6	0.0	R 108.6	0.0	R 112.8	0.0	R 112.8
2015	0.0	4.6	0.3	38.4	(s)	R 4.8	0.8	62.1	0.0	R 106.4	0.0	111.1	0.0	111.1
2016	0.0	4.8	0.2	40.7	(s)	R 6.2	0.8	63.1	0.0	R 111.0	0.0	R 115.8	0.0	R 115.8
2017	0.0	3.9	0.2	42.4	(s)	R 7.4	0.7	63.0	0.0	R 113.7	0.0	R 117.7	0.0	R 117.7
2018	0.0	4.5	0.2	43.2	(s)	R 7.6	0.7	62.1	0.0	R 113.8	0.0	R 118.3	0.0	R 118.3
2019	0.0	R 3.6	0.2	42.9	(s)	R 6.7	0.6	62.2	0.0	R 112.7	0.0	R 116.2	0.0	R 116.2
2020	0.0	3.5	0.2	46.8	(s)	6.8	0.6	58.2	0.0	112.6	0.0	116.2	0.0	116.2

[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.
[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."
[e] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[f] There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.
[g] For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.
[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.

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.

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2020, Montana

Year	Coal	Natural Gas [a]	Petroleum				Nuclear Electric Power	Hydroelectric Power [d]	Biomass	Geothermal [f]	Solar [f,g]	Wind [f]	Electricity Net 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	187	(s)	(s)	0	(s)	(s)	0	5,801	– –	0	NA	NA	-1	– –
1965	296	2	(s)	0	1	1	0	8,389	– –	0	NA	NA	-1	– –
1970	723	3	(s)	0	26	26	0	8,745	– –	0	NA	NA	-1	– –
1975	1,089	1	1	0	53	54	0	10,166	– –	0	NA	NA	-2	– –
1980	3,352	4	59	0	0	59	0	9,966	– –	0	NA	NA	-2	– –
1985	5,480	(s)	38	0	0	38	0	10,175	– –	0	0	(s)	70	– –
1990	9,573	(s)	63	0	0	63	0	10,717	– –	0	0	0	47	– –
1995	9,641	(s)	57	1,222	0	1,278	0	10,746	– –	0	0	0	(s)	– –
2000	10,385	(s)	41	1,356	0	1,397	0	9,623	– –	0	0	0	-3	– –
2005	11,588	(s)	18	1,258	0	1,276	0	9,587	– –	0	0	0	9	– –
2006	11,302	1	25	1,279	0	1,303	0	10,130	– –	0	0	436	-214	– –
2007	11,929	1	21	1,244	0	1,264	0	9,364	– –	0	0	496	-54	– –
2008	12,012	1	14	1,164	0	1,178	0	10,000	– –	0	0	593	-248	– –
2009	10,151	1	17	1,348	0	1,366	0	9,506	– –	0	0	821	-288	– –
2010	12,005	1	17	1,138	0	1,154	0	9,415	– –	0	0	930	-375	– –
2011	9,758	5	28	1,320	0	1,348	0	12,596	– –	0	0	1,265	-369	– –
2012	9,057	5	14	1,344	0	1,358	0	11,283	– –	0	0	1,262	-175	– –
2013	9,562	7	19	1,323	0	1,342	0	9,638	– –	0	0	1,755	-348	– –
2014	10,180	6	45	1,208	0	1,253	0	11,483	– –	0	0	1,974	-979	– –
2015	10,277	7	12	1,458	0	1,470	0	9,888	– –	0	0	1,965	-174	– –
2016	9,328	5	21	1,365	0	1,386	0	10,083	– –	0	0	2,140	124	– –
2017	8,944	5	15	1,386	0	1,401	0	10,946	– –	0	14	2,155	191	– –
2018	8,733	5	24	1,236	0	1,260	0	11,405	– –	0	34	2,153	-493	– –
2019	9,275	5	23	1,278	0	1,301	0	10,005	– –	0	29	2,373	-793	– –
2020	5,624	3	19	1,326	0	1,345	0	10,748	– –	0	33	3,059	-1,154	– –
							Trillion Btu							
1960	2.5	0.4	(s)	0.0	(s)	(s)	0.0	62.4	0.0	0.0	NA	NA	(s)	65.3
1965	3.9	2.0	(s)	0.0	(s)	(s)	0.0	87.7	0.4	0.0	NA	NA	(s)	94.0
1970	11.2	2.6	(s)	0.0	0.2	0.2	0.0	91.8	0.8	0.0	NA	NA	(s)	106.5
1975	17.4	1.2	(s)	0.0	0.3	0.3	0.0	105.8	0.1	0.0	NA	NA	(s)	124.9
1980	57.0	4.4	0.3	0.0	0.0	0.3	0.0	103.5	0.2	0.0	NA	NA	(s)	165.4
1985	94.8	0.6	0.2	0.0	0.0	0.2	0.0	106.3	0.6	0.0	0.0	(s)	0.2	202.8
1990	163.7	0.5	0.4	0.0	0.0	0.4	0.0	111.5	0.8	0.0	0.0	0.0	0.2	277.0
1995	163.8	0.4	0.3	7.4	0.0	7.7	0.0	110.8	0.0	0.0	0.0	0.0	(s)	282.7
2000	174.1	0.2	0.2	8.2	0.0	8.4	0.0	98.2	0.0	0.0	0.0	0.0	(s)	280.8
2005	195.6	0.2	0.1	7.2	0.0	7.3	0.0	95.9	0.0	0.0	0.0	0.0	(s)	299.0
2006	190.5	0.5	0.1	7.3	0.0	7.5	0.0	100.5	0.0	0.0	0.0	4.3	-0.7	302.6
2007	200.8	1.0	0.1	7.1	0.0	7.2	0.0	92.6	0.0	0.0	0.0	4.9	-0.2	306.4
2008	201.6	0.5	0.1	6.7	0.0	6.7	0.0	98.5	0.0	0.0	0.0	5.8	-0.8	312.4
2009	171.7	0.7	0.1	7.7	0.0	7.8	0.0	92.8	0.0	0.0	0.0	8.0	-1.0	280.0
2010	202.0	0.7	0.1	6.5	0.0	6.6	0.0	91.8	0.0	0.0	0.0	9.1	-1.3	309.0
2011	164.2	4.8	0.2	7.5	0.0	7.7	0.0	122.4	0.0	0.0	0.0	12.3	-1.3	310.1
2012	153.0	5.5	0.1	7.7	0.0	7.8	0.0	107.4	0.0	0.0	0.0	12.0	-0.6	285.1
2013	161.6	7.4	0.1	7.6	0.0	7.7	0.0	92.0	0.0	0.0	0.0	16.7	-1.2	284.2
2014	170.5	5.8	0.3	6.9	0.0	7.2	0.0	109.2	0.0	0.0	0.0	18.8	-3.3	308.1
2015	173.4	6.7	0.1	8.3	0.0	8.4	0.0	92.1	0.0	0.0	0.0	18.3	-0.6	298.4
2016	157.2	5.5	0.1	7.8	0.0	7.9	0.0	93.1	0.0	0.0	0.0	19.8	0.4	284.0
2017	151.5	4.8	0.1	7.9	0.0	8.0	0.0	100.8	0.0	0.0	0.1	19.9	0.7	285.8
2018	147.9	5.3	0.1	7.1	0.0	7.2	0.0	103.8	0.0	0.0	0.3	19.6	-1.7	282.5
2019	155.6	5.7	0.1	7.3	0.0	7.4	0.0	89.1	0.0	0.0	0.3	21.1	-2.7	276.5
2020	95.3	3.6	0.1	7.6	0.0	7.7	0.0	94.3	0.1	0.0	0.3	26.8	-3.9	224.1

[a] 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 the 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 consists of 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 https://www.eia.gov/state/seds/seds-data-complete.php.

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