Table ET2. Total End-Use Energy Price and Expenditure Estimates, Selected Years, 1970-2016, Montana

Year	Primary Energy											Retail Electricity	Total Energy g,h,i
			Petroleum							Biomass			
	Coal	Natural Gas a	Distillate Fuel Oil	HGL b	Jet Fuel c	Motor Gasoline d	Residual Fuel Oil	Other e	Total	Wood and Waste f,g	Total g,h,i		
	Prices in Dollars per Million Btu												
1970	0.54	0.58	1.14	2.06	0.76	2.89	0.40	0.91	1.92	1.34	1.36	2.88	1.56
1975	0.80	1.09	2.58	3.58	2.12	4.78	1.99	2.22	3.45	1.47	2.60	4.05	2.78
1980	2.03	3.08	6.60	6.47	6.59	9.99	3.28	4.89	7.25	1.69	6.07	5.80	6.03
1985	1.81	4.90	6.43	7.62	6.64	9.16	3.03	5.18	7.35	1.83	6.59	10.72	7.39
1990	1.53	4.19	7.77	9.11	6.26	9.56	3.03	4.03	7.98	1.49	6.73	11.68	7.71
1995	1.46	4.85	7.81	7.44	5.32	10.11	2.20	4.09	8.21	1.35	6.57	13.71	7.83
1996	1.54	4.67	8.51	9.02	5.76	10.83	2.71	4.15	8.77	1.21	7.16	13.93	8.37
1997	1.49	4.76	7.71	9.02	5.94	10.92	2.11	4.67	8.70	1.23	7.08	15.31	8.42
1998	1.53	4.87	7.93	7.79	4.79	9.32	1.90	3.79	7.69	1.43	6.52	14.15	7.95
1999	1.39	4.36	7.98	8.22	5.13	10.16	1.84	3.47	7.75	1.56	6.48	14.64	7.86
2000	1.69	6.40	10.41	11.16	7.77	12.96	2.55	4.07	10.30	1.77	8.67	14.72	9.79
2001	1.59	6.37	9.62	12.43	7.07	12.18	2.74	7.81	10.76	2.17	9.00	18.99	10.66
2002	1.83	4.32	8.87	9.74	6.32	11.38	2.48	5.10	9.54	2.30	7.68	16.82	9.28
2003	2.05	6.02	9.87	11.69	7.37	13.00	3.22	6.93	11.19	1.87	9.19	18.09	10.79
2004	1.98	7.94	12.01	13.60	9.70	15.20	3.27	6.49	12.91	2.13	11.04	18.88	12.37
2005	2.09	9.39	16.64	16.51	13.75	18.45	5.08	7.91	16.61	4.28	13.91	19.79	14.89
2006	2.26	11.20	19.02	18.50	15.73	20.65	5.79	7.83	18.33	4.36	15.61	20.35	16.38
2007	2.40	9.65	20.59	20.43	16.34	23.05	—	7.20	19.92	4.33	16.50	21.01	17.27
2008	2.55	11.07	26.61	24.13	23.60	26.74	—	9.01	24.58	5.75	19.97	22.72	20.45
2009	2.71	9.24	16.90	19.47	13.31	19.49	7.08	15.47	17.81	4.22	14.84	22.31	16.13
2010	2.60	8.34	21.54	20.63	16.87	23.54	8.60	R 17.56	R 21.81	R 4.15	R 17.19	23.08	R 18.24
2011	2.76	8.42	27.79	24.02	23.24	29.04	13.61	R 18.56	R 27.00	R 9.27	R 21.23	24.26	R 21.76
2012	2.15	7.68	28.32	21.03	24.17	29.80	14.82	R 19.63	27.56	R 10.17	R 21.45	24.32	R 21.97
2013	2.42	7.69	27.69	21.12	22.72	29.21	14.60	R 20.27	R 27.23	R 11.58	R 21.25	25.74	R 22.04
2014	2.35	8.50	27.24	24.50	21.11	28.49	13.91	R 20.65	R 26.85	R 10.62	R 21.00	25.76	R 21.84
2015	2.16	R 7.50	18.80	17.14	12.52	20.82	—	R 18.65	R 19.38	R 6.90	R 15.65	26.76	R 17.71
2016	2.27	6.62	16.23	16.32	10.08	18.57	—	15.09	17.00	5.60	13.71	26.69	16.07
	Expenditures in Million Dollars												
1970	0.5	44.4	31.9	9.8	2.7	140.7	0.6	17.2	203.0	2.4	250.2	84.1	334.3
1975	1.0	77.7	114.2	17.4	9.7	266.6	17.0	32.6	457.5	2.6	538.8	119.8	658.6
1980	6.6	149.0	286.5	42.7	34.1	546.8	68.3	63.8	1,042.2	4.8	1,202.5	207.7	1,410.2
1985	7.6	204.4	389.7	40.9	25.2	490.3	2.4	87.7	1,036.3	6.3	1,255.0	488.6	1,743.7
1990	7.8	162.2	326.7	57.2	24.8	518.4	0.2	77.8	1,005.2	9.5	1,184.8	510.9	1,695.7
1995	16.7	249.7	363.1	25.4	31.3	597.6	0.6	71.4	1,089.4	18.1	1,373.8	614.1	1,987.9
1996	3.8	257.9	396.9	53.2	32.6	663.9	0.1	88.7	1,235.3	15.3	1,512.3	643.3	2,155.5
1997	5.1	255.8	403.2	9.3	26.7	653.9	(s)	80.2	1,173.3	15.8	1,449.9	611.4	2,061.3
1998	4.1	261.0	361.1	7.7	21.6	563.5	(s)	93.1	1,047.0	16.3	1,328.4	667.9	1,996.3
1999	4.3	236.1	366.2	16.3	24.3	623.3	(s)	119.1	1,149.2	18.7	1,408.3	649.0	2,057.3
2000	4.6	364.5	486.2	55.8	32.9	780.9	(s)	104.0	1,459.8	21.1	1,850.0	716.6	2,566.7
2001	4.3	344.3	474.4	65.7	30.3	739.4	(s)	62.8	1,372.7	19.9	1,741.2	730.9	2,472.1
2002	2.6	249.8	419.3	55.0	27.5	703.7	(s)	79.3	1,284.8	20.7	1,557.9	722.8	2,280.7
2003	2.9	334.8	455.2	95.6	34.8	801.3	0.1	59.8	1,446.8	18.6	1,803.1	778.7	2,581.8
2004	6.6	426.2	695.6	123.6	55.5	948.1	0.5	78.3	1,901.5	18.6	2,352.8	820.2	3,173.0
2005	8.2	519.1	1,108.5	152.6	86.7	1,128.9	2.2	82.8	2,561.6	53.2	3,142.2	894.3	4,036.5
2006	8.6	655.1	1,347.3	169.1	93.2	1,282.2	3.6	127.9	3,023.3	54.1	3,741.2	942.8	4,684.0
2007	4.0	567.6	1,650.3	230.1	95.1	1,435.5	—	132.3	3,543.3	64.3	4,179.3	1,092.4	5,271.7
2008	4.2	694.2	1,977.2	273.4	111.4	1,593.5	—	155.8	4,111.2	74.2	4,883.8	1,165.8	6,049.7
2009	3.1	600.4	1,124.6	192.6	59.8	1,177.7	2.5	218.4	2,775.5	34.0	3,413.0	1,073.5	4,486.5
2010	3.4	492.4	1,223.9	185.1	88.8	1,423.4	(s)	R 216.0	R 3,137.3	R 39.2	R 3,672.1	1,067.2	R 4,739.3
2011	4.0	529.4	1,688.6	232.7	121.2	1,727.0	0.4	R 265.7	R 4,035.6	R 23.3	R 4,592.2	1,124.5	R 5,716.7
2012	9.2	432.8	1,636.5	166.9	128.2	1,793.1	(s)	R 267.6	R 3,992.4	R 23.7	R 4,458.1	1,132.6	R 5,590.7
2013	10.9	434.0	1,681.9	162.2	112.7	1,795.4	0.1	R 233.4	R 3,985.6	R 30.7	R 4,461.2	1,158.2	R 5,619.4
2014	11.5	491.5	1,535.8	215.3	116.6	1,770.0	0.2	R 238.0	R 3,875.9	R 31.6	R 4,410.5	1,163.6	R 5,574.1
2015	10.9	R 393.5	915.8	153.4	67.7	R 1,345.7	—	R 215.7	R 2,698.2	R 18.5	R 3,121.1	1,218.3	R 4,339.4
2016	10.7	361.3	812.4	131.3	54.4	1,219.0	—	171.4	2,388.5	13.8	2,774.3	1,199.2	3,973.6

[a] Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
[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] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[e] Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
[f] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[g] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and biomass waste beginning in 1989.
[h] There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.
[i] For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

Where shown, R = Revised data and (s) = Value less than 0.05 million dollars.

Where shown, — = No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

Notes: Price estimates are weighted averages of price estimates and expenditure estimates are the sum of expenditure estimates for the residential, commercial, industrial, and transportation sectors. • Expenditure totals may not equal sum of components due to independent rounding.

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.