Table ET2. Total end-use energy price and expenditure estimates, selected years, 1970-2024, Massachusetts

Year	Primary energy											Electricity [k]	Total energy [h,i,j]
			Petroleum							Biomass			
	Coal	Natural gas [a]	Distillate fuel oil [b]	HGL [c]	Jet fuel [d]	Motor gasoline [e]	Residual fuel oil	Other [f]	Total	Wood and waste [g,h]	Total [h,i,j]		
	Prices in dollars per million Btu												
1970	0.94	1.63	1.36	2.19	0.75	2.86	0.40	1.66	1.48	1.13	1.49	7.29	1.89
1975	2.62	2.88	2.74	3.68	2.09	4.73	1.99	3.42	3.25	1.29	3.17	13.93	4.12
1980	1.96	4.92	6.88	6.60	6.51	9.69	3.85	8.30	7.87	2.56	7.06	21.13	8.76
1985	2.57	7.00	8.05	12.13	6.04	9.18	4.28	10.03	8.08	2.69	7.70	24.34	9.93
1990	2.77	6.41	7.98	12.34	5.83	9.53	2.95	9.54	8.20	2.70	7.67	25.90	10.40
1995	2.35	6.90	6.67	11.70	4.06	10.28	2.85	10.40	8.31	2.21	7.78	29.57	11.08
2000	2.05	8.49	9.95	15.09	6.86	12.65	4.31	10.88	11.09	3.27	10.24	27.75	13.03
2005	3.22	14.54	16.03	21.69	12.74	18.13	7.68	16.36	16.66	4.30	16.04	35.70	19.51
2006	3.52	16.38	18.41	23.74	14.92	20.70	8.44	19.28	19.30	4.52	18.50	45.28	23.41
2007	3.58	15.76	19.91	26.46	16.47	22.55	9.38	24.84	21.19	5.06	19.64	44.44	24.18
2008	4.07	16.06	25.96	31.34	23.06	26.45	13.00	38.34	26.00	7.29	22.99	47.58	27.38
2009	4.19	13.40	17.94	27.37	12.87	19.51	9.32	21.44	18.70	6.09	16.98	45.27	22.08
2010	4.23	12.60	21.54	31.09	16.41	22.83	13.18	24.69	22.02	6.97	19.13	41.79	23.27
2011	4.84	12.09	26.55	35.89	22.87	29.29	17.27	28.35	27.94	7.69	22.86	41.36	26.16
2012	6.09	11.40	28.90	33.05	23.36	30.31	17.68	29.62	R 29.28	8.31	R 23.71	40.41	26.87
2013	5.39	11.68	28.39	32.27	22.59	29.51	17.25	30.14	28.61	8.45	23.04	42.53	26.51
2014	5.48	12.94	27.65	35.19	21.02	28.40	16.15	29.27	27.66	8.53	22.62	45.00	26.53
2015	5.26	11.25	19.12	28.26	12.36	20.10	8.30	26.64	19.49	5.96	16.70	49.54	22.37
2016	5.24	10.09	16.22	28.26	10.41	18.14	5.27	22.75	17.14	4.48	14.80	48.30	20.65
2017	5.14	10.85	18.11	30.92	12.30	20.51	7.11	22.90	R 19.17	5.07	16.34	50.18	R 22.06
2018	5.73	13.19	21.23	31.63	16.27	23.06	9.54	26.60	22.06	5.54	18.94	54.23	24.80
2019	6.11	12.22	20.32	29.66	15.04	21.78	8.49	27.33	20.87	5.70	17.77	53.92	23.54
2020	—	12.06	16.92	26.49	9.96	18.25	8.93	R 24.98	17.81	4.78	15.52	53.32	R 22.42
2021	—	13.10	20.37	32.96	15.33	24.63	9.58	R 27.54	22.91	5.66	19.34	55.85	25.73
2022	—	17.04	32.70	35.74	26.83	33.51	15.50	R 34.77	32.59	R 5.56	26.57	62.33	32.54
2023	—	17.22	R 28.51	33.36	21.56	29.38	12.78	R 31.99	R 28.33	R 4.92	R 24.28	68.02	31.73
2024	—	17.34	25.28	33.88	18.74	27.69	12.20	29.84	26.06	4.39	22.86	70.16	30.75
	Expenditures in million dollars												
1970	7.5	232.2	459.0	15.0	33.3	743.8	110.1	70.4	1,431.5	12.4	1,683.6	612.8	2,296.4
1975	12.9	439.4	928.9	31.5	94.4	1,357.3	325.3	93.0	2,830.4	12.8	3,295.5	1,401.0	4,696.6
1980	9.3	884.6	1,483.5	51.2	315.5	2,619.1	203.8	199.7	4,872.7	55.2	5,821.8	2,398.4	8,220.2
1985	19.6	1,235.0	1,650.0	77.8	238.4	2,644.5	334.1	227.0	5,171.7	46.1	6,472.5	3,166.1	9,638.6
1990	9.4	1,339.7	1,765.2	119.9	323.3	2,810.2	156.7	194.7	5,370.1	36.4	6,755.6	4,016.0	10,771.7
1995	4.1	1,780.1	1,421.6	94.6	152.7	3,144.9	84.7	193.1	5,091.7	35.1	6,911.0	4,693.2	11,604.1
2000	3.9	2,240.8	2,122.0	165.3	319.1	4,279.8	81.9	258.1	7,226.2	36.7	9,507.7	4,901.2	14,408.9
2005	9.5	3,301.1	3,477.8	236.2	652.0	6,404.8	196.9	303.0	11,270.7	16.2	14,597.5	6,971.1	21,568.6
2006	8.5	3,311.4	3,470.2	323.8	709.4	7,342.8	141.2	361.5	12,348.9	16.5	15,685.3	8,628.4	24,313.7
2007	10.1	3,580.8	3,728.7	331.1	769.2	8,192.4	122.8	355.9	13,500.1	20.1	17,111.0	8,663.8	25,774.9
2008	9.1	4,075.7	4,604.3	344.2	1,446.1	9,187.6	134.3	329.8	16,046.4	24.6	20,155.7	9,072.5	29,228.1
2009	5.5	3,378.2	3,028.6	269.0	452.7	6,598.0	81.9	459.3	10,889.4	46.5	14,319.7	8,396.7	22,716.4
2010	7.4	3,159.3	4,018.0	285.1	R 798.6	7,704.0	79.2	558.0	R 13,442.8	58.6	R 16,668.2	8,144.9	R 24,813.1
2011	7.9	3,217.2	4,691.2	390.7	R 1,121.8	9,788.7	84.5	619.2	R 16,696.2	71.1	R 19,992.4	7,842.4	R 27,834.8
2012	10.1	2,747.0	4,260.5	303.1	R 1,139.3	10,048.0	55.4	595.4	R 16,401.7	66.5	R 19,225.4	7,626.7	R 26,852.1
2013	8.7	3,183.3	4,870.9	354.2	R 1,130.4	9,751.8	48.3	652.7	R 16,808.3	82.7	R 20,083.1	8,019.9	R 28,103.0
2014	8.5	3,696.9	4,573.4	431.8	R 1,107.7	9,226.5	24.9	688.1	R 16,052.5	81.7	R 19,839.5	8,363.5	R 28,203.0
2015	6.4	3,208.8	3,264.1	320.5	R 689.0	6,739.1	8.5	616.7	R 11,637.8	52.7	R 14,905.8	9,232.2	R 24,137.9
2016	0.5	2,734.2	2,338.3	298.6	R 673.8	6,147.7	8.2	535.6	R 10,002.2	38.4	R 12,775.3	8,812.1	R 21,587.4
2017	0.5	3,105.0	2,660.7	346.0	R 857.5	6,835.4	16.7	526.5	R 11,242.7	39.9	R 14,388.1	8,991.1	R 23,379.2
2018	0.6	4,032.7	3,314.0	403.0	R 1,169.5	7,739.6	8.7	574.7	R 13,209.4	43.7	R 17,286.4	9,859.9	R 27,146.3
2019	0.4	3,850.5	3,137.6	418.1	R 1,164.6	7,181.5	12.9	569.1	R 12,484.0	51.2	R 16,386.1	9,445.5	R 25,831.6
2020	—	3,425.0	2,393.1	345.7	R 318.3	4,811.7	2.8	R 520.5	R 8,392.0	42.1	R 11,859.0	9,098.4	R 20,957.4
2021	—	3,694.6	3,080.9	424.2	R 666.0	7,259.5	15.4	R 598.0	R 12,043.9	50.9	R 15,789.4	9,680.0	R 25,469.4
2022	—	5,195.7	4,930.9	446.5	R 1,653.4	9,889.1	25.5	R 828.1	R 17,773.6	R 99.1	R 23,068.3	10,843.1	R 33,911.5
2023	—	4,608.5	R 4,232.3	391.3	R 1,435.6	8,759.4	17.4	R 655.8	R 15,491.9	R 82.0	R 20,182.5	11,606.5	R 31,789.0
2024	—	4,656.7	3,639.9	454.6	1,388.1	8,397.8	18.0	624.1	14,522.5	71.1	19,250.2	11,829.7	31,079.9

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil. Beginning in 2021, includes biodiesel and renewable diesel product supplied.
[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." There is a discontinuity in expenditures time series between 2009 and 2010 because of consumption data source and methodology changes, see technical notes.
[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] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[h] 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.
[i] There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.
[j] For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.
[k] Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

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.
Data source: U.S. Energy Information Administration, State Energy Data System. See technical notes. https://www.eia.gov/state/seds/