Table ET5. Industrial sector energy price and expenditure estimates, selected years, 1970-2024, Massachusetts

Year	Primary energy													Electricity [i]	Total energy [f,g,h]
	Coal			Natural gas [a]	Petroleum						Biomass	Total [f,g,h]			
	Coking coal	Steam coal	Total		Distillate fuel oil	HGL [b]	Motor gasoline [c]	Residual fuel oil	Other [d]	Total	Wood and waste [e,f]				
	Prices in dollars per million Btu														
1970	—	0.89	0.89	1.03	0.74	1.60	2.86	0.42	1.35	0.60	1.42	0.67	4.88	1.06
1975	—	2.62	2.62	2.28	2.36	2.98	4.73	2.06	2.93	2.25	1.42	2.23	11.21	3.37
1980	—	1.67	1.67	4.09	5.59	5.75	9.69	4.14	7.33	5.78	1.43	4.87	18.21	8.21
1985	—	2.39	2.39	5.24	6.62	13.57	9.18	4.31	9.27	5.79	1.43	5.33	20.47	8.50
1990	—	2.62	2.62	4.00	6.71	11.92	9.53	3.05	7.83	6.35	1.52	5.15	23.13	9.73
1995	—	2.26	2.26	4.32	5.49	7.85	10.28	2.86	8.80	6.51	1.70	4.96	24.65	9.89
2000	—	2.00	2.00	7.17	7.83	12.38	12.65	4.43	8.98	8.28	1.30	7.40	24.03	11.35
2005	—	3.12	3.12	13.47	13.56	19.73	18.13	7.79	12.98	13.39	1.66	13.13	27.01	17.04
2006	—	3.48	3.48	14.74	15.88	21.54	20.70	8.54	15.30	15.53	1.70	14.74	38.22	21.22
2007	—	3.54	3.54	14.60	17.76	25.37	22.55	9.32	19.77	18.14	1.70	15.56	38.18	21.98
2008	—	4.07	4.07	15.04	24.78	32.41	26.45	13.78	32.78	26.09	1.70	17.96	41.43	25.33
2009	—	4.19	4.19	11.71	15.23	25.53	19.51	10.43	17.44	16.96	1.70	13.62	41.24	25.89
2010	—	4.23	4.23	10.07	18.40	24.28	22.83	14.22	20.42	20.22	1.70	13.89	40.18	24.95
2011	—	4.84	4.84	9.86	24.32	30.05	29.29	18.23	23.25	24.29	2.32	15.17	39.20	24.86
2012	—	6.09	6.09	9.50	25.50	24.25	30.31	19.97	24.47	25.47	2.29	15.02	36.83	24.39
2013	—	5.39	5.39	9.83	24.58	23.33	29.51	21.00	25.12	25.71	2.23	15.19	38.62	24.84
2014	—	5.48	5.48	11.26	24.37	25.52	28.40	18.68	24.87	25.25	2.68	16.21	37.34	21.58
2015	—	5.26	5.26	8.96	15.64	14.63	20.10	10.32	21.85	20.24	2.63	13.10	39.70	19.86
2016	—	5.24	5.24	7.18	12.82	13.14	18.14	7.59	18.06	17.09	2.29	10.83	39.20	17.79
2017	—	5.14	5.14	7.79	13.95	17.46	20.51	10.34	18.45	17.87	1.82	11.54	40.69	18.14
2018	—	5.73	5.73	10.00	18.22	18.95	23.06	13.35	21.80	21.28	2.23	13.96	43.64	20.64
2019	—	6.11	6.11	9.62	16.71	15.24	21.78	12.73	22.52	21.26	2.59	13.58	43.25	19.97
2020	—	—	—	9.03	11.97	14.46	18.25	10.01	R 21.01	R 19.10	2.53	12.60	42.52	R 19.16
2021	—	—	—	9.83	16.40	21.86	24.63	14.97	R 22.94	R 22.01	2.47	R 14.23	44.49	R 20.73
2022	—	—	—	13.99	27.34	23.20	33.51	24.66	R 29.53	R 29.56	R 2.08	R 19.83	49.99	R 26.07
2023	—	—	—	12.89	24.08	18.95	29.38	22.44	R 26.79	R 26.51	R 2.22	R 17.97	52.41	25.56
2024	—	—	—	12.79	20.83	20.04	27.69	21.39	24.92	24.53	2.34	17.16	53.31	24.57
	Expenditures in million dollars													
1970	—	3.2	3.2	23.5	12.5	4.0	1.7	68.1	40.0	126.3	10.3	163.3	123.4	286.7
1975	—	6.9	6.9	55.0	36.5	11.6	2.0	205.3	58.1	313.5	8.4	383.8	280.3	664.1
1980	—	4.0	4.0	120.2	61.5	26.5	4.6	69.3	130.9	292.7	6.2	423.2	527.3	950.5
1985	—	10.4	10.4	177.8	44.9	20.8	17.7	227.8	143.7	454.9	7.3	650.5	660.4	1,310.9
1990	—	4.8	4.8	183.5	101.0	40.0	20.7	50.0	120.5	332.2	2.0	522.5	801.6	1,324.1
1995	—	2.4	2.4	281.4	40.8	10.5	20.0	26.2	123.5	221.0	4.1	508.9	843.1	1,352.0
2000	—	3.0	3.0	560.7	43.0	27.6	20.2	30.6	166.3	287.7	1.1	852.5	863.5	1,716.0
2005	—	5.8	5.8	653.1	149.5	25.1	85.5	37.6	172.7	470.5	0.9	1,130.3	909.6	2,040.0
2006	—	7.0	7.0	644.5	146.6	87.3	99.7	59.9	222.2	615.7	1.1	1,268.4	1,252.1	2,520.5
2007	—	7.9	7.9	687.1	139.7	76.7	91.8	56.7	204.5	569.3	1.1	1,265.5	1,230.9	2,496.4
2008	—	9.1	9.1	680.8	225.2	16.7	98.3	33.5	182.5	556.3	1.1	1,247.2	1,319.2	2,566.4
2009	—	5.5	5.5	475.6	77.2	9.1	68.7	19.4	317.4	491.7	1.0	973.8	2,357.3	3,331.1
2010	—	7.4	7.4	460.5	131.9	10.3	104.5	10.6	390.2	647.5	1.6	1,117.0	2,346.6	3,463.6
2011	—	7.9	7.9	482.6	177.6	21.9	140.8	26.2	438.9	805.4	4.6	1,300.5	2,270.4	3,570.8
2012	—	10.1	10.1	431.4	99.2	21.5	141.3	14.4	430.1	706.5	4.4	1,152.3	2,127.2	3,279.5
2013	—	8.7	8.7	473.8	88.1	22.6	142.7	3.5	473.8	730.7	4.3	1,217.5	2,169.2	3,386.7
2014	—	8.5	8.5	525.5	104.2	25.5	109.4	2.1	511.3	752.5	4.4	1,290.9	1,014.3	2,305.1
2015	—	6.4	6.4	410.8	86.7	11.9	76.4	1.7	437.6	614.3	4.3	1,035.7	1,068.9	2,104.6
2016	—	0.5	0.5	338.3	60.1	9.7	69.6	0.7	370.1	510.3	4.0	853.1	1,004.2	1,857.3
2017	—	0.5	0.5	377.0	74.9	11.7	79.9	1.2	375.0	542.7	1.9	922.1	952.3	1,874.4
2018	—	0.6	0.6	490.0	86.2	11.7	91.7	1.8	413.4	604.8	2.6	1,097.9	997.6	2,095.5
2019	—	0.4	0.4	483.8	75.1	10.1	87.6	0.9	410.6	584.2	2.6	1,071.0	935.8	2,006.8
2020	—	—	—	425.5	48.3	9.9	73.8	0.2	R 390.5	R 522.7	2.5	R 950.7	902.3	R 1,853.1
2021	—	—	—	481.6	80.7	15.5	98.9	1.7	R 445.4	R 642.1	2.5	R 1,126.1	963.2	R 2,089.3
2022	—	—	—	687.2	136.0	15.6	139.2	2.8	R 633.0	R 926.7	R 2.1	R 1,616.0	1,063.2	R 2,679.2
2023	—	—	—	572.2	116.9	12.4	122.2	2.1	R 493.6	R 747.2	R 2.1	R 1,321.6	1,089.2	R 2,410.8
2024	—	—	—	577.8	98.2	13.2	117.0	2.2	472.5	703.1	2.1	1,283.0	1,026.9	2,309.9

[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 the expenditure series between 2014 and 2015 because of changes in consumption estimates from the source. See consumption 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] 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 the use of wood and biomass waste beginning in 1989.
[g] There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.
[h] For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.
[i] 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: · Expenditure 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.
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/