

MASSACHUSETTS Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2019, Massachusetts

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum								Electricity Retail Sales Million Kilowatthours	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 Barrels											
1960	22	(s)	968	2,371	4	1,209	443	34,725	1,207	40,927	105	--	--	--
1965	2	(s)	1,702	2,632	22	3,166	408	39,454	2,472	49,856	105	--	--	--
1970	(s)	1	276	3,198	29	7,864	441	49,314	3,215	64,336	105	--	--	--
1975	(s)	1	228	4,485	33	7,967	433	54,440	1,049	68,634	105	--	--	--
1980	0	1	274	4,900	26	8,563	463	51,161	900	66,287	167	--	--	--
1985	0	1	134	7,600	70	6,984	422	54,292	874	70,375	193	--	--	--
1990	0	1	97	7,457	59	9,806	475	55,642	1,366	74,901	183	--	--	--
1995	0	2	84	8,780	50	6,636	453	58,337	199	74,540	236	--	--	--
2000	0	3	116	10,050	56	8,204	484	64,443	539	83,891	239	--	--	--
2001	0	3	80	10,480	41	7,003	443	64,362	287	82,697	246	--	--	--
2002	0	4	77	10,431	39	5,609	438	66,073	314	82,981	241	--	--	--
2003	0	2	81	10,333	39	6,396	405	65,931	7	83,192	292	--	--	--
2004	0	2	95	11,721	32	8,235	410	67,203	2	87,699	406	--	--	--
2005	0	3	117	12,255	40	9,025	408	67,081	646	89,572	402	--	--	--
2006	0	2	49	11,986	34	8,387	397	67,399	374	88,626	386	--	--	--
2007	0	2	87	11,885	29	8,235	410	69,776	281	90,704	403	--	--	--
2008	0	2	50	10,882	55	11,060	381	67,214	303	89,944	332	--	--	--
2009	0	2	97	10,898	25	R 6,205	343	65,680	398	83,646	356	--	--	--
2010	0	5	56	11,026	17	R 9,117	392	65,653	284	R 86,544	355	--	--	--
2011	0	5	53	11,562	17	R 9,101	381	64,919	210	R 86,243	357	--	--	--
2012	0	4	50	10,702	17	R 9,053	346	64,521	164	R 84,854	350	--	--	--
2013	0	3	43	13,934	14	R 9,238	394	64,309	197	R 88,130	361	--	--	--
2014	0	9	74	10,713	15	R 9,869	362	63,419	94	R 84,547	361	--	--	--
2015	0	11	71	11,472	R 18	R 10,387	404	64,168	86	R 86,606	353	--	--	--
2016	0	9	69	11,486	R 21	R 12,108	382	64,895	200	R 89,160	342	--	--	--
2017	0	8	67	10,588	33	R 12,989	340	63,757	330	R 88,103	348	--	--	--
2018	0	R 8	77	11,339	R 7	R 13,356	328	64,221	110	R 89,439	349	--	--	--
2019	0	10	77	11,135	6	14,367	309	63,066	211	89,172	343	--	--	--

Trillion Btu														
1960	0.6	0.3	4.9	13.8	(s)	6.7	2.7	182.4	7.6	218.1	0.4	219.3	0.9	220.2
1965	(s)	0.2	8.6	15.3	0.1	17.8	2.5	207.3	15.5	267.1	0.4	267.7	0.9	268.6
1970	(s)	1.1	1.4	18.6	0.1	44.5	2.7	259.0	20.2	346.5	0.4	348.0	0.9	348.9
1975	(s)	0.5	1.2	26.1	0.1	45.1	2.6	286.0	6.6	367.7	0.4	368.5	0.9	369.4
1980	0.0	0.7	1.4	28.5	0.1	48.4	2.8	268.7	5.7	355.7	0.6	356.9	1.4	358.3
1985	0.0	1.4	0.7	44.3	0.3	39.5	2.6	285.2	5.5	378.0	0.7	380.0	1.5	381.5
1990	0.0	1.3	0.5	43.4	0.2	55.5	2.9	292.3	8.6	403.4	0.6	405.3	1.5	406.8
1995	0.0	2.0	0.4	51.1	0.2	37.6	2.7	303.6	1.3	396.9	0.8	399.7	1.9	401.6
2000	0.0	2.6	0.6	58.5	0.2	46.5	2.9	335.2	3.4	447.3	0.8	450.7	1.9	452.6
2001	0.0	3.5	0.4	61.0	0.2	39.7	2.7	334.7	1.8	440.5	0.8	444.8	1.9	446.7
2002	0.0	4.5	0.4	60.7	0.1	31.8	2.7	343.5	2.0	441.2	0.8	446.5	1.8	448.4
2003	0.0	2.2	0.4	60.1	0.2	36.3	2.5	342.6	(s)	442.1	1.0	445.3	2.0	447.3
2004	0.0	2.0	0.5	68.2	0.1	46.7	2.5	349.2	(s)	467.2	1.4	470.6	2.9	473.4
2005	0.0	2.6	0.6	71.3	0.2	51.2	2.5	348.3	4.1	478.0	1.4	482.1	2.7	484.8
2006	0.0	2.2	0.2	69.6	0.1	47.6	2.4	349.5	2.4	471.7	1.3	475.4	2.7	478.1
2007	0.0	2.5	0.4	68.7	0.1	46.7	2.5	358.8	1.8	479.0	1.4	483.1	2.7	485.8
2008	0.0	1.9	0.3	62.9	0.2	62.7	2.3	343.2	1.9	473.5	1.1	476.7	2.1	478.9
2009	0.0	1.9	0.5	63.0	0.1	35.2	2.1	334.3	2.5	437.6	1.2	440.8	2.2	443.0
2010	0.0	4.7	0.3	63.7	0.1	R 51.7	2.4	332.7	1.8	R 452.5	1.2	R 458.5	2.2	R 460.6
2011	0.0	5.6	0.3	66.7	0.1	R 51.6	2.3	328.7	1.3	R 451.0	1.2	R 457.8	2.1	R 459.9
2012	0.0	4.6	0.3	61.7	0.1	R 51.3	2.1	326.6	1.0	R 443.1	1.2	R 448.9	2.3	R 451.2
2013	0.0	3.6	0.2	80.3	0.1	R 52.4	2.4	325.4	1.2	R 462.0	1.2	R 466.8	2.4	R 469.2
2014	0.0	8.7	0.4	61.7	0.1	R 56.0	2.2	320.8	0.6	R 441.8	1.2	R 451.7	2.4	R 454.1
2015	0.0	11.5	0.4	66.1	0.1	R 58.9	2.4	324.5	0.5	R 452.9	1.2	R 465.6	2.3	R 467.9
2016	0.0	9.1	0.3	66.1	0.1	R 68.7	2.3	328.0	1.3	R 466.8	1.2	R 477.1	2.2	R 479.4
2017	0.0	8.6	0.3	61.0	0.1	R 73.6	2.1	322.2	2.1	R 461.4	1.2	R 471.2	2.3	R 473.4
2018	0.0	R 8.5	0.4	65.3	(s)	R 75.7	2.0	324.6	0.7	R 468.7	1.2	R 478.4	2.2	R 480.6
2019	0.0	10.3	0.4	64.1	(s)	81.5	1.9	318.6	1.3	467.8	1.2	479.3	2.2	481.5

^a Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, natural gas consumed as 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.