

Table ET6. Transportation Sector Energy Price and Expenditure Estimates, Selected Years, 1970-2020, Michigan

Year	Primary Energy										Electricity Retail Sales	Total Energy ^f	
	Coal	Natural Gas ^a	Petroleum							Total ^f			
			Aviation Gasoline	Distillate Fuel Oil ^b	HGL ^c	Jet Fuel ^d	Lubricants	Motor Gasoline ^e	Residual Fuel Oil				Total
Prices in Dollars per Million Btu													
1970	0.53	—	2.17	1.27	1.37	0.74	5.08	2.71	0.57	2.50	2.50	—	2.50
1975	1.49	—	3.45	2.77	2.42	2.08	7.48	4.72	1.76	4.46	4.46	—	4.46
1980	—	—	9.02	7.19	4.94	6.38	14.36	10.09	3.49	9.63	9.63	—	9.63
1985	—	—	9.99	8.55	9.88	6.09	18.18	9.10	4.38	8.97	8.97	—	8.97
1990	—	1.94	9.32	8.24	11.00	5.65	20.61	8.78	2.42	8.61	8.61	—	8.61
1995	—	2.96	8.36	7.68	12.14	3.93	21.75	8.47	2.66	8.21	8.21	21.13	8.21
2000	—	6.82	10.87	10.36	15.36	6.51	23.20	11.90	3.23	11.50	11.50	19.41	11.50
2005	—	11.48	18.56	17.01	20.79	13.03	35.22	17.69	6.89	17.62	17.62	38.32	17.62
2006	—	10.80	22.31	19.10	22.43	14.94	43.88	19.99	7.46	19.90	19.90	29.48	19.90
2007	—	5.96	23.70	20.33	24.62	16.47	47.16	22.32	7.90	21.96	21.96	28.60	21.96
2008	—	7.75	27.23	26.83	28.57	22.76	55.12	25.57	10.46	25.96	25.96	34.66	25.96
2009	—	3.99	20.32	17.04	23.40	12.60	56.07	18.58	7.59	18.47	18.46	31.62	18.46
2010	—	5.11	25.19	21.70	25.72	16.23	58.80	22.04	8.07	R 21.77	R 21.77	31.20	R 21.77
2011	—	13.06	31.64	27.85	28.95	22.39	69.54	28.03	11.02	R 27.79	R 27.78	25.00	R 27.78
2012	—	12.09	33.04	28.57	21.78	22.99	72.11	28.62	12.27	R 28.41	R 28.40	23.69	R 28.40
2013	—	7.66	32.71	28.62	23.09	21.97	69.42	27.92	11.78	R 27.84	R 27.83	25.69	R 27.83
2014	—	8.13	33.16	27.91	25.71	20.70	69.44	26.69	11.38	R 26.73	R 26.72	27.62	R 26.72
2015	—	7.27	24.86	19.36	15.17	11.88	67.28	19.16	6.13	R 18.93	R 18.92	33.53	R 18.92
2016	—	5.20	21.62	16.58	14.24	9.72	65.78	17.04	4.45	R 16.63	R 16.63	34.10	R 16.63
2017	—	—	24.13	19.06	19.73	12.27	67.25	19.13	6.29	R 18.75	R 18.75	35.14	R 18.75
2018	—	—	27.04	22.82	20.35	15.64	72.37	21.21	7.86	R 21.28	R 21.28	31.53	R 21.28
2019	—	R 6.44	25.57	21.69	16.82	14.37	74.92	20.21	7.41	R 20.21	R 20.21	30.94	R 20.21
2020	—	6.47	22.34	17.81	15.78	9.10	75.34	16.59	5.40	16.70	16.70	33.37	16.70

Expenditures in Million Dollars													
1970	0.3	—	7.9	46.9	0.3	30.4	40.8	1,327.5	1.5	1,455.3	1,455.6	—	1,455.6
1975	0.1	—	6.0	144.2	0.9	65.8	60.0	2,615.8	4.7	2,897.4	2,897.5	—	2,897.5
1980	—	—	22.2	408.1	2.4	236.9	128.6	5,049.8	5.1	5,853.1	5,853.1	—	5,853.1
1985	—	—	10.1	614.1	11.0	223.6	148.2	4,376.0	2.7	5,385.8	5,417.7	—	5,417.7
1990	—	(s)	10.1	634.1	12.0	319.7	189.1	4,527.8	1.4	5,694.1	5,730.2	—	5,730.2
1995	—	0.2	9.8	809.9	11.2	196.3	190.4	4,813.9	1.6	6,033.0	6,033.3	0.3	6,033.6
2000	—	1.6	11.2	1,321.7	15.7	266.3	216.9	7,234.7	1.0	9,067.5	9,069.1	0.3	9,069.4
2005	—	1.2	7.9	2,301.2	40.6	253.5	277.8	10,759.7	8.5	13,649.1	13,650.4	0.7	13,651.0
2006	—	1.2	7.6	2,634.3	19.9	349.4	337.2	11,986.5	10.9	15,345.7	15,346.8	0.4	15,347.2
2007	—	0.6	9.0	2,754.5	26.3	492.3	374.2	13,053.2	14.3	16,723.8	16,724.4	0.5	16,724.9
2008	—	1.3	10.1	3,218.2	31.7	598.8	406.1	14,286.3	14.4	18,565.7	18,566.9	0.6	18,567.5
2009	—	1.0	6.4	1,969.8	20.4	305.0	371.4	10,227.8	6.4	12,907.1	12,908.1	0.6	12,908.7
2010	—	1.3	15.0	2,651.6	R 4.1	R 789.8	242.5	11,960.6	12.5	R 15,676.1	R 15,677.5	0.5	R 15,678.0
2011	—	4.4	17.7	3,414.9	R 4.6	R 1,116.9	274.0	14,844.8	22.7	R 19,695.6	R 19,700.0	0.5	R 19,700.5
2012	—	4.1	17.1	3,459.9	R 2.8	R 1,128.4	261.0	15,017.2	17.4	R 19,903.7	R 19,907.8	0.6	R 19,908.4
2013	—	2.7	15.3	3,818.5	R 3.6	R 1,090.1	276.2	15,200.8	17.8	R 20,422.3	R 20,425.0	0.5	R 20,425.5
2014	—	3.7	11.0	3,819.6	R 4.0	R 1,028.3	R 280.1	14,172.3	13.0	R 19,328.2	R 19,331.9	0.4	R 19,332.3
2015	—	2.3	9.3	2,690.2	R 3.3	R 659.9	301.1	10,449.6	6.2	R 14,119.6	R 14,121.9	0.5	R 14,122.4
2016	—	2.2	8.1	2,297.2	R 3.6	R 551.8	280.3	9,462.8	12.8	R 12,616.6	R 12,618.8	0.5	R 12,619.3
2017	—	—	9.1	2,433.4	R 10.0	R 715.6	253.8	10,498.9	26.8	R 13,947.6	R 13,947.6	0.7	R 13,948.3
2018	—	—	11.4	3,386.4	R 7.4	R 891.0	274.7	11,661.8	38.6	R 16,271.3	R 16,271.3	0.7	R 16,272.0
2019	—	R (s)	11.3	3,028.0	R 6.4	R 814.1	264.5	R 10,952.0	41.4	R 15,117.7	R 15,117.7	0.7	R 15,118.4
2020	—	(s)	8.6	2,264.8	3.6	268.6	226.4	7,639.1	21.2	10,432.3	10,432.3	0.5	10,432.8

^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 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.

Note: 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.