

Table PT2. Primary Energy Production Estimates in Trillion Btu, Michigan, 1960-2020

Year	Fossil Fuels			Nuclear Electric Power	Renewable Energy			Total
	Coal ^a	Natural Gas ^b	Crude Oil ^c		Biofuels ^d	Wood and Waste ^e	Other ^f	
Trillion Btu								
1960	0.0	23.1	92.2	0.0	NA	37.3	21.8	174.4
1965	0.0	38.3	85.4	2.1	NA	36.9	19.0	181.7
1966	0.0	37.8	82.8	4.0	NA	37.9	19.0	181.4
1967	0.0	37.2	79.3	5.8	NA	36.0	20.6	178.8
1968	0.0	44.9	75.2	4.8	NA	36.4	19.9	181.3
1969	0.0	40.1	70.8	4.4	NA	36.9	19.8	172.0
1970	0.0	43.1	67.8	4.1	NA	36.4	17.9	169.3
1971	0.0	29.4	69.0	4.2	NA	35.3	18.6	156.6
1972	0.0	38.0	75.3	22.9	NA	37.6	18.6	192.4
1973	0.0	47.6	84.8	32.5	NA	36.3	10.9	212.1
1974	0.0	72.7	104.5	4.6	NA	38.2	12.3	232.5
1975	0.0	107.9	141.6	79.0	NA	35.9	11.6	376.0
1976	0.0	130.9	176.4	109.4	NA	41.6	10.9	469.1
1977	0.0	149.0	191.2	110.2	NA	45.0	9.7	505.1
1978	0.0	171.0	201.1	143.4	NA	55.0	11.2	581.7
1979	0.0	186.7	202.2	164.7	NA	60.4	13.5	627.4
1980	0.0	189.3	196.1	173.3	NA	90.6	12.5	661.7
1981	0.0	180.7	189.5	188.2	0	95.3	13.0	666.6
1982	0.0	180.0	182.5	166.1	0.0	94.8	12.7	636.1
1983	0.0	163.5	184.1	178.7	0.0	104.8	12.9	644.0
1984	0.0	168.0	177.2	152.7	0.0	99.1	11.2	608.2
1985	0.0	152.6	158.3	142.9	0.0	100.2	10.4	564.5
1986	0.0	149.6	149.0	129.7	0.0	105.6	7.5	541.4
1987	0.0	168.5	150.6	150.3	0.0	107.1	5.0	581.4
1988	0.0	168.8	134.9	188.8	0.0	112.2	6.2	610.8
1989	0.0	178.5	125.1	225.5	0.0	103.3	8.6	641.0
1990	0.0	191.6	114.1	228.7	0.0	80.2	17.7	632.4
1991	0.0	214.8	101.6	283.3	0.0	86.2	19.1	705.1
1992	0.0	213.4	90.4	197.4	0.0	89.1	19.3	609.6
1993	0.0	221.7	80.0	299.6	0.0	81.4	19.1	701.9
1994	0.0	238.8	70.8	147.8	0.0	84.3	18.1	559.9
1995	0.0	253.7	66.0	256.9	0.0	88.2	17.6	682.3
1996	0.0	259.7	62.9	281.8	0.0	102.9	19.6	726.8
1997	0.0	320.9	58.3	230.0	0.0	95.0	18.7	722.9
1998	0.0	293.2	52.2	131.1	0.0	90.4	15.6	582.4
1999	0.0	292.1	45.4	152.5	0.0	91.6	16.3	597.9
2000	0.0	311.9	45.9	196.9	0.0	94.6	15.9	665.2
2001	0.0	288.4	42.8	278.9	0.0	76.6	17.6	704.2
2002	0.0	285.8	41.9	324.6	0.0	70.7	18.5	741.5
2003	0.0	249.0	37.5	291.3	6.2	81.1	16.0	681.1
2004	0.0	271.8	34.5	318.7	6.9	84.3	17.6	733.8
2005	0.0	270.3	33.3	343.0	6.6	93.1	17.1	763.4
2006	0.0	271.9	33.9	303.3	11.0	88.2	18.0	726.3
2007	0.0	274.6	33.2	330.6	26.7	90.3	16.0	771.4
2008	0.0	161.8	36.9	329.1	32.7	94.8	18.8	674.2
2009	0.0	160.1	36.3	228.5	30.0	80.5	21.1	556.6
2010	0.0	137.2	40.5	309.6	38.0	89.4	21.1	635.8
2011	0.0	143.5	40.8	344.2	37.8	101.1	23.3	690.6
2012	0.0	135.1	43.2	293.6	36.6	97.6	28.2	634.3
2013	0.0	129.8	45.1	302.2	38.2 R	104.3	46.2	665.8 R
2014	0.0	120.2	43.0	326.8	38.7 R	105.9	58.0	692.7 R
2015	0.0	114.1	37.5	306.8	39.0 R	119.5	64.7	681.6 R
2016	0.0	108.5	32.3	330.0	40.2 R	112.4	64.1	687.4 R
2017	0.0	102.6	31.6	338.7	47.8 R	108.0 R	70.2	698.8 R
2018	0.0	95.8	31.1 R	318.7	50.8 R	114.9	71.5	682.7 R
2019	0.0	90.4 R	29.5 R	343.6	48.0 R	111.2 R	74.5	697.2 R
2020	0.0	69.9	23.9	316.7	43.1	99.4	82.5	635.5

^a Beginning in 2001, includes refuse recovery.

^b Marketed production.

^c Includes lease condensate.

^d Biomass inputs (feedstock) to the production of ethanol and biodiesel.

^e Wood energy production and biomass waste energy consumption.

^f Consumption of noncombustible renewable energy, including geothermal, hydroelectric power, solar, and wind energy.

NA = Not available.

Where shown, R = Revised.

Where shown, (s) = Less than 0.05 trillion Btu.

Note: Totals may not equal sum of components due to independent rounding.

Web Page: All data are available at <http://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the documentation at <http://www.eia.gov/state/seds/seds-technical-notes-complete.php>.