

Table PT1. Primary energy production estimates in physical units, Michigan, 1960-2022

Year	Fossil fuels			Renewable energy		
	Coal ^a	Natural gas ^b	Crude oil ^c	Fuel ethanol ^d	Biodiesel	Renewable diesel
	Thousand short tons	Million cubic feet	Thousand barrels	Thousand barrels	Thousand barrels	Thousand barrels
1960	0	20,790	15,899	NA	NA	NA
1965	0	34,558	14,728	NA	NA	NA
1966	0	34,120	14,273	NA	NA	NA
1967	0	33,589	13,664	NA	NA	NA
1968	0	40,480	12,974	NA	NA	NA
1969	0	36,163	12,213	NA	NA	NA
1970	0	38,851	11,693	NA	NA	NA
1971	0	25,662	11,893	NA	NA	NA
1972	0	34,221	12,990	NA	NA	NA
1973	0	44,579	14,614	NA	NA	NA
1974	0	69,133	18,021	NA	NA	NA
1975	0	102,113	24,420	NA	NA	NA
1976	0	119,262	30,421	NA	NA	NA
1977	0	129,954	32,965	NA	NA	NA
1978	0	148,047	34,667	NA	NA	NA
1979	0	159,731	34,862	NA	NA	NA
1980	0	158,302	33,808	NA	NA	NA
1981	0	152,593	32,665	0	NA	NA
1982	0	153,051	31,462	0	NA	NA
1983	0	138,910	31,736	0	NA	NA
1984	0	144,537	30,554	0	NA	NA
1985	0	131,855	27,300	0	NA	NA
1986	0	127,287	25,688	0	NA	NA
1987	0	146,996	25,972	0	NA	NA
1988	0	146,145	23,250	0	NA	NA
1989	0	155,988	21,568	0	NA	NA
1990	0	172,151	19,676	0	NA	NA
1991	0	195,749	17,520	0	NA	NA
1992	0	194,815	15,579	0	NA	NA
1993	0	204,635	13,799	0	NA	NA
1994	0	222,657	12,207	0	NA	NA
1995	0	238,203	11,383	0	NA	NA
1996	0	245,740	10,837	0	NA	NA
1997	0	305,950	10,053	0	NA	NA
1998	0	278,076	8,994	0	NA	NA
1999	0	277,364	7,836	0	NA	NA
2000	0	296,556	7,907	0	NA	NA
2001	0	275,036	7,375	0	0	0
2002	0	274,476	7,218	0	0	0
2003	0	236,987	6,468	1,030	0	0
2004	0	259,681	5,951	1,155	0	0
2005	0	261,112	5,734	1,111	0	0
2006	0	263,009	5,849	1,867	0	0
2007	0	264,907	5,726	4,420	172	0
2008	0	153,130	6,370	5,416	240	0
2009	0	153,736	6,258	5,114	96	0
2010	0	131,118	6,980	6,590	1	0
2011	0	138,162	7,038	6,577	2	0
2012	0	129,333	7,449	6,395	5	0
2013	0	123,622	7,790 R	6,611	76	0
2014	0	115,065	7,426 R	6,704	77	0
2015	0	107,664	6,565 R	6,713	131	0
2016	0	102,003	5,652 R	6,824	239	0
2017	0	96,451	5,571 R	8,158	234	0
2018	0	89,572	5,518 R	8,595	310	0
2019	0	83,969	5,220 R	8,186	247	0
2020	0	75,935 R	4,181 R	7,381	214	0
2021	0	74,057 R	4,591 R	7,657	329	0
2022	0	69,542	4,570	7,903	321	0

^a Beginning in 2001, includes refuse recovery.

^b Marketed production, which includes natural gas plant liquids (NGPLs).

^c Includes lease condensate.

^d Includes denaturant.

NA = Not available.

Where shown, R = Revised.

Where shown, (s) = Less than 0.5 of published unit.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes.

<http://www.eia.gov/state/seds/>