

Table PT1. Primary Energy Production Estimates in Physical Units, Michigan, 1960-2020

Year	Fossil Fuels			Renewable Energy	
	Coal ^a	Natural Gas ^b	Crude Oil ^c	Fuel Ethanol ^d	Biodiesel
	Thousand Short Tons	Million Cubic Feet	Thousand Barrels	Thousand Barrels	Thousand Barrels
1960	0	20,790	15,899	NA	NA
1965	0	34,558	14,728	NA	NA
1966	0	34,120	14,273	NA	NA
1967	0	33,589	13,664	NA	NA
1968	0	40,480	12,974	NA	NA
1969	0	36,163	12,213	NA	NA
1970	0	38,851	11,693	NA	NA
1971	0	25,662	11,893	NA	NA
1972	0	34,221	12,990	NA	NA
1973	0	44,579	14,614	NA	NA
1974	0	69,133	18,021	NA	NA
1975	0	102,113	24,420	NA	NA
1976	0	119,262	30,421	NA	NA
1977	0	129,954	32,965	NA	NA
1978	0	148,047	34,667	NA	NA
1979	0	159,731	34,862	NA	NA
1980	0	158,302	33,808	NA	NA
1981	0	152,593	32,665	0	NA
1982	0	153,051	31,462	0	NA
1983	0	138,910	31,736	0	NA
1984	0	144,537	30,554	0	NA
1985	0	131,855	27,300	0	NA
1986	0	127,287	25,688	0	NA
1987	0	146,996	25,972	0	NA
1988	0	146,145	23,250	0	NA
1989	0	155,988	21,568	0	NA
1990	0	172,151	19,676	0	NA
1991	0	195,749	17,520	0	NA
1992	0	194,815	15,579	0	NA
1993	0	204,635	13,799	0	NA
1994	0	222,657	12,207	0	NA
1995	0	238,203	11,383	0	NA
1996	0	245,740	10,837	0	NA
1997	0	305,950	10,053	0	NA
1998	0	278,076	8,994	0	NA
1999	0	277,364	7,836	0	NA
2000	0	296,556	7,907	0	NA
2001	0	275,036	7,375	0	0
2002	0	274,476	7,218	0	0
2003	0	236,987	6,468	1,030	0
2004	0	259,681	5,951	1,155	0
2005	0	261,112	5,734	1,111	0
2006	0	263,009	5,849	1,867	0
2007	0	264,907	5,726	4,420	172
2008	0	153,130	6,370	5,416	240
2009	0	153,736	6,258	5,114	96
2010	0	131,118	6,980	6,590	1
2011	0	138,162	7,038	6,577	2
2012	0	129,333	7,450	6,395	5
2013	0	123,622	7,781	6,611	76
2014	0	115,065	7,419	6,704	77
2015	0	107,664	6,560	6,713	131
2016	0	102,003	5,639	6,824	239
2017	0	96,451	5,521	8,158	234
2018	0	89,572	5,443 R	8,595	310
2019	0	83,969 R	5,176 R	8,186	247
2020	0	64,911	4,197	7,381	214

^a Beginning in 2001, includes refuse recovery.

^b Marketed production.

^c Includes lease condensate.

^d Includes denaturant.

NA = Not available.

Where shown, R = Revised.

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

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>.