

Table CT1. Energy Consumption Estimates for Selected Energy Sources in Physical Units, Selected Years, 1960-2021, Michigan

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum							Nuclear Electric Power Million Kilowatthours	Hydro-electric Power ^g Million Kilowatthours	Fuel Ethanol ^h Thousand Barrels	Biodiesel Thousand Barrels
			Distillate Fuel Oil ^b	HGL ^c	Jet Fuel ^d	Motor Gasoline ^e	Residual Fuel Oil	Other ^f	Total				
			Thousand Barrels										
1960	25,930	370	30,235	2,827	3,369	65,782	11,840	14,867	128,920	0	2,030	NA	NA
1965	33,132	556	30,287	3,716	4,377	78,044	8,594	19,635	144,653	181	1,813	NA	NA
1970	34,065	809	38,141	6,202	7,365	96,831	10,056	16,357	174,952	375	1,704	NA	NA
1971	34,556	851	41,724	6,755	7,195	99,540	11,173	15,051	181,438	388	1,776	NA	NA
1972	34,666	865	47,365	7,993	6,905	105,198	13,078	15,855	196,393	2,125	1,793	NA	NA
1973	32,632	920	46,932	8,092	6,959	110,100	15,822	16,879	204,784	2,980	1,054	NA	NA
1974	29,804	936	43,673	7,845	6,460	107,057	16,692	15,629	197,356	416	1,182	NA	NA
1975	31,198	884	42,170	7,475	5,776	108,255	18,291	14,433	196,401	717	1,110	NA	NA
1976	29,763	888	44,130	8,748	5,735	113,506	21,102	15,547	208,766	9,901	1,050	NA	NA
1977	28,926	741	44,829	8,793	6,290	114,812	22,126	16,669	213,518	10,231	931	NA	NA
1978	28,519	790	45,149	9,051	6,499	117,526	25,452	17,534	221,211	13,104	1,085	NA	NA
1979	31,570	876	31,268	7,515	6,639	108,261	19,046	17,226	189,955	15,139	1,306	NA	NA
1980	31,110	865	27,643	6,736	6,646	97,025	13,289	15,192	166,531	15,891	1,200	NA	NA
1981	31,610	801	26,630	5,572	6,131	92,783	7,825	11,720	150,661	17,066	1,240	184	NA
1982	29,280	748	22,943	7,107	5,706	88,179	4,891	9,969	138,795	15,003	1,211	491	NA
1983	29,647	696	22,176	7,150	5,892	88,646	4,464	10,797	139,125	16,383	1,229	1,316	NA
1984	31,412	718	24,913	7,523	5,983	92,952	3,116	11,298	145,785	14,078	1,071	1,295	NA
1985	32,793	709	26,024	14,225	6,570	93,447	3,109	10,387	153,761	13,452	997	1,032	NA
1986	33,999	671	26,989	15,690	7,129	96,015	3,761	10,886	160,470	12,257	721	830	NA
1987	35,865	657	26,614	17,656	8,371	99,154	3,316	11,802	166,913	14,389	481	1,176	NA
1988	35,332	749	28,392	17,302	8,585	102,367	4,793	11,118	172,559	17,808	600	1,214	NA
1989	34,885	777	26,202	19,053	9,235	101,143	4,497	12,757	172,888	21,312	749	1,164	NA
1990	34,817	879	24,357	14,901	10,057	99,913	2,728	12,598	164,553	21,611	1,628	1,205	NA
1991	34,086	888	24,820	16,017	10,234	101,375	1,745	11,413	165,604	27,021	1,752	1,582	NA
1992	31,781	960	24,830	16,666	10,125	101,370	1,696	11,637	166,325	18,849	1,782	1,367	NA
1993	32,445	919	28,123	13,077	10,305	105,003	2,081	12,647	171,235	28,525	1,762	1,609	NA
1994	35,902	912	27,536	14,287	10,281	105,744	2,172	12,125	172,145	14,144	1,660	1,859	NA
1995	36,037	976	27,444	14,497	8,818	110,546	1,602	13,400	176,308	24,448	1,597	1,219	NA
1996	36,958	1,027	28,754	18,306	9,045	110,520	1,777	12,651	181,052	26,829	1,784	514	NA
1997	36,116	994	29,692	14,524	9,487	112,389	1,553	16,765	184,411	21,914	1,712	654	NA
1998	38,255	876	29,895	13,108	9,033	114,913	2,113	16,007	185,069	12,494	1,397	845	NA
1999	38,510	951	31,573	15,339	9,116	121,027	2,491	16,161	195,707	14,591	1,458	956	NA
2000	37,294	963	30,824	16,308	7,214	118,160	2,358	14,351	189,214	18,882	1,428	2,267	NA
2001	37,730	906	29,515	18,876	6,219	119,472	1,590	12,139	187,811	26,711	1,562	1,394	6
2002	36,413	966	28,994	21,039	6,016	121,745	1,992	12,019	191,806	31,087	1,669	2,953	9
2003	36,973	925	30,344	20,578	2,695	119,019	2,153	12,800	187,589	27,954	1,386	3,706	8
2004	38,503	917	31,139	20,826	3,733	118,967	2,098	13,051	189,815	30,562	1,540	3,838	15
2005	39,442	914	30,315	23,157	3,431	119,584	2,209	12,715	191,411	32,872	1,462	5,091	52
2006	38,067	803	29,929	15,036	4,124	118,106	1,201	11,595	179,992	29,066	1,520	5,358	149
2007	39,669	798	29,371	16,217	5,270	116,059	1,783	12,056	180,757	31,517	1,270	6,573	202
2008	39,870	780	26,713	12,506	4,641	111,410	1,471	9,975	166,715	31,484	1,364	9,010	174
2009	37,425	735	25,622	11,829	4,270	109,703	615	9,839	161,879	21,851	1,372	10,205	184
2010	37,775	747	26,443	10,936	8,583	108,436	593	8,529	163,518	29,625	1,251	9,763	149
2011	35,134	776	26,691	10,675	8,797	105,871	688	7,804	160,527	32,889	1,357	9,987	507
2012	32,050	791	25,676	9,221	8,656	105,052	511	8,170	157,285	28,020	1,207	10,628	478
2013	34,315	815	28,591	12,190	8,751	109,078	406	9,837	168,853	28,921	1,419	11,235	848
2014	31,944	862	29,042	12,823	8,760	109,118	274	11,693	171,710	31,246	1,600	11,035	783
2015	31,925	845	29,956	10,949	9,796	111,408	256	11,655	174,019	29,334	1,499	10,507	714
2016	24,656	890	29,780	11,635	10,013	113,495	512	12,130	177,565	31,552	1,564	10,738	1,052
2017	26,032	871	27,630	11,648	10,289	112,289	733	12,912	175,502	32,381	1,679	10,781	826
2018	26,277	966	31,280	13,549	10,049	112,532	832	12,457	180,699	30,479	1,569	10,666	830
2019	23,196	998	30,097	13,968	R 10,017	110,975	927	R 12,139	R 178,124	32,909	1,650	10,729	R 638
2020	17,145	948	27,199	12,744	R 5,405	94,915	669	R 12,149	R 153,081	30,333	1,713	9,476	768
2021	22,472	899	27,869	12,417	6,833	103,742	855	13,137	164,853	34,338	1,340	10,427	658

^a Includes supplemental gaseous fuels that are commingled with natural gas.
^b Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil. Excludes biofuels product supplied.
^c Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
^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 "Other Petroleum."
^e Beginning in 1993, includes fuel ethanol blended into motor gasoline.
^f Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
^g Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.

^h Includes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate.
 NA = Not available.
 Where shown, R = Revised data and (s) = Value less than 0.5.
 Notes: Totals may not equal sum of components due to independent rounding. The continuity of these data series estimates may be affected by 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>.
 Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>