

KIDS COUNT data center

Selected KIDS COUNT Indicators for County in Michigan

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Total Population (Number)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	9,933,445	9,962,311	9,995,915	9,986,857	9,966,555
Muskegon	Number	173,102	173,693	173,588	173,566	173,883

DEFINITIONS & SOURCES

Definitions: The entire population.

Data Source: U.S. Census Bureau, State and County Population Estimates

Footnotes: The latest population estimates are used only for the current year. Estimates for prior years are not revised.

Population Ages 0-17 (Number)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	2,189,505	2,176,649	2,164,668	2,143,933	2,126,813
Muskegon	Number	40,717	40,424	40,082	39,742	39,445

DEFINITIONS & SOURCES

Definitions: Population ages 0-17.

Data Source: National Center for Health Statistics (NCHS), Bridged-Race Population Estimates, United States July 1st resident population by state, county, age, sex, bridged-race, and Hispanic origin.

U.S. Census Bureau, The American Community Survey 1-Year Estimates, provided by the Office of the State Demographer

Footnotes: The estimates use a model that incorporates information on natural changes such as births and deaths and net migration. Estimates are as of July 1st each year for the state of Michigan and all counties. Prior year's estimates are not updated. For the cities of Detroit and Flint, single-year data from the American Community Survey are used.

Population Ages 0-5 (Number)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	688,553	689,060	688,327	683,798	676,091
Muskegon	Number	12,879	12,823	12,750	12,704	12,611

DEFINITIONS & SOURCES



Definitions: The number of children ages 0-5.

Data Source:

National Center for Health Statistics (NCHS), Bridged-Race Population Estimates, United States July 1st resident population by state, county, age, sex, bridged-race, and Hispanic origin.

U.S. Census Bureau, The American Community Survey 1-Year Estimates, provided by the Office of the State Demographer

Footnotes: The estimates use a model that incorporates information on natural changes such as births and deaths and net migration. Estimates are as of July 1st each year for the state of Michigan and all counties. Prior year's estimates are not updated. For the cities of Detroit and Flint, single-year data from the American Community Survey are used.

Population Ages 0-4 (Number)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	572,608	573,282	572,163	566,442	559,139
Muskegon	Number	10,689	10,617	10,560	10,564	10,422

DEFINITIONS & SOURCES



Definitions: Population ages 0-4.

Data Source: National Center for Health Statistics (NCHS), Bridged-Race Population Estimates, United States July 1st resident population by state, county, age, sex, bridged-race, and Hispanic origin.

U.S. Census Bureau, The American Community Survey 1-Year Estimates, provided by the Office of the State Demographer

Footnotes: The estimates use a model that incorporates information on natural changes such as births and deaths and net migration. Estimates are as of July 1st each year for the state of Michigan and all counties. Prior year's estimates are not updated. For the cities of Detroit and Flint, single-year data from the American Community Survey are used.

Population Ages 5-9 (Number)

Location	Data Type	2016	2017	2018	2019	2020
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Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	592,918	587,969	586,648	586,325	585,009
Muskegon	Number	11,348	11,229	11,142	10,987	10,884

DEFINITIONS & SOURCES ^

Definitions: Population ages 5-9.

Data Source:

National Center for Health Statistics (NCHS), Bridged-Race Population Estimates, United States July 1st resident population by state, county, age, sex, bridged-race, and Hispanic origin.

U.S. Census Bureau, The American Community Survey 1-Year Estimates, provided by the Office of the State Demographer

Footnotes: The estimates use a model that incorporates information on natural changes such as births and deaths and net migration. Estimates are as of July 1st each year for the state of Michigan and all counties. Prior year's estimates are not updated. For the cities of Detroit and Flint, single-year data from the American Community Survey are used.

Population Ages 6-12 (Number)

Location	Data Type	2010	2018	2019	2020
Michigan	Number	915,888	838,590	831,314	826,028
Muskegon	Number	16,650	15,774	15,635	15,454

DEFINITIONS & SOURCES ^

Definitions: The population of children ages 6-12.

Data Source: National Center for Health Statistics (NCHS), Bridged-Race Population Estimates, United States July 1st resident population by state, county, age, sex, bridged-race, and Hispanic origin.

U.S. Census Bureau, The American Community Survey 1-Year Estimates, provided by the Office of the State Demographer

Footnotes: The estimates use a model that incorporates information on natural changes such as births and deaths and net migration. Estimates are as of July 1st each year for the state of Michigan and all counties. Prior year's estimates are not updated. For the cities of Detroit and Flint, single-year data from the American Community Survey are used.

Population Ages 10-14 (Number)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	625,051	622,193	619,422	610,364	604,840
Muskegon	Number	11,462	11,462	11,372	11,298	11,322

DEFINITIONS & SOURCES ^

Definitions: Population ages 10-14.

Data Source:

National Center for Health Statistics (NCHS), Bridged-Race Population Estimates, United States July 1st resident population by state, county, age, sex, bridged-race, and Hispanic origin.

U.S. Census Bureau, The American Community Survey 1-Year Estimates, provided by the Office of the State Demographer

Footnotes: The estimates use a model that incorporates information on natural changes such as births and deaths and net migration. Estimates are as of July 1st each year for the state of Michigan and all counties. Prior year's estimates are not updated. For the cities of Detroit and Flint, single-year data from the American Community Survey are used.

Population Ages 13-17 (Number)

Location	Data Type	2010	2018	2019	2020
Michigan	Number	707,866	637,751	628,821	624,694
Muskegon	Number	12,563	11,558	11,403	11,380

DEFINITIONS & SOURCES ^

Definitions: The population of children ages 13-17.

Data Source: National Center for Health Statistics (NCHS), Bridged-Race Population Estimates, United States July 1st resident population by state, county, age, sex, bridged-race, and Hispanic origin.

U.S. Census Bureau, The American Community Survey 1-Year Estimates, provided by the Office of the State Demographer

Footnotes: The estimates use a model that incorporates information on natural changes such as births and deaths and net migration. Estimates are as of July 1st each year for the state of Michigan and all counties. Prior year's estimates are not updated. For the cities of Detroit and Flint, single-year data from the American Community Survey are used.

Population Ages 15-19 (Number)

Location	Data Type	2010	2018	2019	2020
Michigan	Number				
Muskegon	Number				

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	668,241	661,340	653,747	644,559	633,603
Muskegon	Number	11,218	11,103	10,862	10,724	10,546

DEFINITIONS & SOURCES



Definitions: Population ages 15-19.

Data Source:

National Center for Health Statistics (NCHS), Bridged-Race Population Estimates, United States July 1st resident population by state, county, age, sex, bridged-race, and Hispanic origin.

U.S. Census Bureau, The American Community Survey 1-Year Estimates, provided by the Office of the State Demographer

Footnotes: The estimates use a model that incorporates information on natural changes such as births and deaths and net migration. Estimates are as of July 1st each year for the state of Michigan and all counties. Prior year's estimates are not updated. For the cities of Detroit and Flint, single-year data from the American Community Survey are used.

Population Ages 18-24 (Number)

Location	Data Type	2010	2018	2019	2020
Michigan	Number	976,358	961,939	945,523	927,865
Muskegon	Number	15,577	14,284	14,078	13,796

DEFINITIONS & SOURCES



Definitions: The population of young adults ages 18-24.

Data Source: National Center for Health Statistics (NCHS), Bridged-Race Population Estimates, United States July 1st resident population by state, county, age, sex, bridged-race, and Hispanic origin.

U.S. Census Bureau, The American Community Survey 1-Year Estimates, provided by the Office of the State Demographer

Footnotes: The estimates use a model that incorporates information on natural changes such as births and deaths and net migration. Estimates are as of July 1st each year for the state of Michigan and all counties. Prior year's estimates are not updated. For the cities of Detroit and Flint, single-year data from the American Community Survey are used.

Population Ages 0-17 By Race (Number & Percent)

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Location	Race	Data Type	2016	2017	2018	2019	2020	
Michigan	American Indian or Alaska Native, Not Hispanic or Latino	Number	17,823	17,700	17,456	17,394	16,548	
		Percent	0.8%	0.8%	0.8%	0.8%	0.8%	
	Asian or Pacific Islander, Not Hispanic or Latino	Number	78,836	80,574	82,742	81,168	84,244	
		Percent	3.6%	3.7%	3.8%	3.8%	4.0%	
	Black or African American, Not Hispanic or Latino	Number	393,828	391,572	389,223	386,454	387,315	
		Percent	18.0%	18.0%	18.0%	18.0%	18.2%	
	Hispanic or Latino	Number	180,051	181,047	182,786	182,284	185,576	
		Percent	8.2%	8.3%	8.4%	8.5%	8.7%	
	White, Not Hispanic or Latino	Number	1,518,967	1,505,756	1,492,461	1,476,633	1,453,130	
		Percent	69.4%	69.2%	68.9%	68.9%	68.3%	
	Total	Number	2,189,505	2,176,649	2,164,668	2,143,933	2,126,813	
		Percent	NA	NA	NA	NA	NA	
	Muskegon	American Indian or Alaska Native, Not Hispanic or Latino	Number	421	409	422	462	354
			Percent	1.0%	1.0%	1.1%	1.2%	0.9%
Asian or Pacific Islander, Not Hispanic or Latino		Number	323	338	317	320	318	
		Percent	0.8%	0.8%	0.8%	0.8%	0.8%	
Black or African American, Not Hispanic or Latino		Number	7,990	7,953	7,840	7,825	7,946	
		Percent	19.6%	19.7%	19.6%	19.7%	20.1%	
Hispanic or Latino		Number	4,014	3,957	3,998	3,862	3,953	
		Percent	9.9%	9.8%	10.0%	9.7%	10.0%	
White, Not Hispanic or Latino		Number	27,969	27,767	27,505	27,273	26,874	
		Percent	68.7%	68.7%	68.6%	68.6%	68.1%	
Total		Number	40,717	40,424	40,082	39,742	39,445	
		Percent	NA	NA	NA	NA	NA	

DEFINITIONS & SOURCES



Definitions: The number of children ages 0-17 by race, and the percent of the 0-17 total population represented.

Data Source: National Center for Health Statistics (NCHS), Bridged-Race Population Estimates, United States July 1st resident population by state, county, age, sex, bridged-race, and Hispanic origin.

Footnotes: The estimates use a model that incorporates information on natural changes such as births and deaths and net migration. Estimates are as of July 1st each year for the state of Michigan and all counties. Prior year's estimates are not updated.

Population Ages 0-5 By Race (Number & Percent)

Location	Race	Data Type	2016	2017	2018	2019	2020	
Michigan	American Indian or Alaska Native, Not Hispanic or Latino	Number	5,612	5,616	5,561	5,622	5,101	
		Percent	0.8%	0.8%	0.8%	0.8%	0.8%	
	Asian or Pacific Islander, Not Hispanic or Latino	Number	23,935	24,805	25,483	24,790	27,363	
		Percent	3.5%	3.6%	3.7%	3.6%	4.1%	
	Black or African American, Not Hispanic or Latino	Number	133,241	132,580	132,158	130,840	131,324	
		Percent	19.4%	19.2%	19.2%	19.1%	19.4%	
	Hispanic or Latino	Number	57,678	57,154	57,018	56,395	58,027	
		Percent	8.4%	8.3%	8.3%	8.2%	8.6%	
	White, Not Hispanic or Latino	Number	468,087	468,905	468,107	466,151	454,276	
		Percent	68.0%	68.0%	68.0%	68.2%	67.2%	
	Total	Number	688,553	689,060	688,327	683,798	676,091	
		Percent	NA	NA	NA	NA	NA	
	Muskegon	American Indian or Alaska Native, Not Hispanic or Latino	Number	200	180	192	213	140
			Percent	1.6%	1.4%	1.5%	1.7%	1.1%
Asian or Pacific Islander, Not Hispanic or Latino		Number	99	115	89	96	104	
		Percent	0.8%	0.9%	0.7%	0.8%	0.8%	
Black or African American, Not Hispanic or Latino		Number	2,731	2,689	2,654	2,652	2,741	
		Percent	21.2%	21.0%	20.8%	20.9%	21.7%	
Hispanic or Latino		Number	1,334	1,287	1,240	1,197	1,241	
		Percent	10.4%	10.0%	9.7%	9.4%	9.8%	
White, Not Hispanic or Latino		Number	8,515	8,552	8,575	8,546	8,385	
		Percent	66.1%	66.7%	67.3%	67.3%	66.5%	
Total		Number	12,879	12,823	12,750	12,704	12,611	
		Percent	NA	NA	NA	NA	NA	

DEFINITIONS & SOURCES



Definitions: The number of children ages 0-5 by race, and the percent of the 0-5 total population represented.

Data Source: National Center for Health Statistics (NCHS), Bridged-Race Population Estimates, United States July 1st resident population by state, county, age, sex, bridged-race, and Hispanic origin.

Footnotes: The estimates use a model that incorporates information on natural changes such as births and deaths and net migration. Estimates are as of July 1st each year for the state of Michigan and all counties. Prior year's estimates are not updated.

Population Ages 0-8 By Race (Number & Percent)

Location	Race	Data Type	2016	2017	2018	2019	2020	
Michigan	American Indian or Alaska Native, Not Hispanic or Latino	Percent	0.8%	0.8%	0.8%	0.8%	0.8%	
		Number	8,542	8,532	8,442	8,497	7,775	
	Asian or Pacific Islander, Not Hispanic or Latino	Percent	3.5%	3.6%	3.7%	3.6%	4.0%	
		Number	36,923	37,667	38,762	37,658	41,085	
	Black or African American, Not Hispanic or Latino	Percent	19.0%	19.0%	19.0%	18.9%	19.2%	
		Number	198,289	197,848	197,632	195,884	196,666	
	Hispanic or Latino	Percent	8.6%	8.5%	8.5%	8.4%	8.7%	
		Number	89,381	88,291	88,223	86,492	88,843	
	White, Not Hispanic or Latino	Percent	68.1%	68.1%	68.0%	68.2%	67.4%	
		Number	710,006	708,164	707,664	705,832	692,329	
	Total	Percent	NA	NA	NA	NA	NA	
		Number	1,043,141	1,040,502	1,040,723	1,034,363	1,026,698	
	Muskegon	American Indian or Alaska Native, Not Hispanic or Latino	Percent	1.3%	1.3%	1.4%	1.6%	1.0%
			Number	248	252	264	304	198
Asian or Pacific Islander, Not Hispanic or Latino		Percent	0.7%	0.8%	0.8%	0.8%	0.8%	
		Number	138	154	146	151	159	
Black or African American, Not Hispanic or Latino		Percent	20.9%	20.8%	20.7%	20.8%	21.6%	
		Number	4,119	4,067	4,013	4,015	4,124	
Hispanic or Latino		Percent	10.4%	10.1%	10.1%	9.7%	10.1%	
		Number	2,054	1,981	1,964	1,864	1,937	
White, Not Hispanic or Latino		Percent	66.8%	67.1%	67.1%	67.2%	66.5%	
		Number	13,190	13,140	13,022	12,965	12,712	
Total		Percent	NA	NA	NA	NA	NA	
		Number	19,749	19,594	19,409	19,299	19,130	

DEFINITIONS & SOURCES



Definitions: The number of children ages 0-8, by race, and the percent of the 0-8 total represented.

Data Source: National Center for Health Statistics (NCHS), Bridged-Race Population Estimates, United States July 1st resident population by state, county, age, sex, bridged-race, and Hispanic origin.

Footnotes: The estimates use a model that incorporates information on natural changes such as births and deaths and net migration. Estimates are as of July 1st each year for the state of Michigan and all counties. Prior year's estimates are not updated.

Population Ages 18-24 By Race (Number & Percent)

Location	Race	Data Type	2018	2019	2020	
Michigan	American Indian or Alaska Native, Not Hispanic or Latino	Number	8,243	8,022	7,840	
		Percent	0.9%	0.8%	0.8%	
	Asian or Pacific Islander, Not Hispanic or Latino	Number	47,429	45,612	43,931	
		Percent	4.9%	4.8%	4.7%	
	Black or African American, Not Hispanic or Latino	Number	159,889	156,345	152,257	
		Percent	16.6%	16.5%	16.4%	
	Hispanic or Latino	Number	67,911	69,220	70,585	
		Percent	7.1%	7.3%	7.6%	
	White, Not Hispanic or Latino	Number	678,467	666,324	653,252	
		Percent	70.5%	70.5%	70.4%	
	Total	Number	961,939	945,523	927,865	
		Percent	NA	NA	NA	
	Muskegon	American Indian or Alaska Native, Not Hispanic or Latino	Number	145	148	144
			Percent	1.0%	1.1%	1.0%
Asian or Pacific Islander, Not Hispanic or Latino		Number	140	149	156	
		Percent	1.0%	1.1%	1.1%	
Black or African American, Not Hispanic or Latino		Number	2,846	2,738	2,669	
		Percent	19.9%	19.4%	19.4%	
Hispanic or Latino		Number	1,229	1,278	1,308	
		Percent	8.6%	9.1%	9.5%	
White, Not Hispanic or Latino		Number	9,924	9,765	9,519	
		Percent	69.5%	69.4%	69.0%	
Total		Number	14,284	14,078	13,796	
		Percent	NA	NA	NA	

DEFINITIONS & SOURCES

Definitions: The number of young adults ages 18-24, by race, and the percent of the 18-24 total represented.

Data Source: National Center for Health Statistics (NCHS), Bridged-Race Population Estimates, United States July 1st resident population by state, county, age, sex, bridged-race, and Hispanic origin.

Footnotes: The estimates use a model that incorporates information on natural changes such as births and deaths and net migration. Estimates are as of July 1st each year for the state of Michigan and all counties. Prior year's estimates are not updated.

Children Ages 5-17 Who Are Foreign Born (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	45,756	45,837	45,826	44,830	45,192
	Percent	2.7%	2.8%	2.8%	2.8%	2.8%
Muskegon	Number	209	223	225	203	157
	Percent	0.7%	0.7%	0.7%	0.7%	0.5%

DEFINITIONS & SOURCES**Definitions:**

The number represents the 5-year average, ending in the year listed, of children ages 5-17 who are foreign born.

The percent is based on the average 5-17 population for that period.

Data Source:

American Community Survey Table B16008.

Unemployment (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	237,716	226,544	203,231	201,446	478,114
	Percent	4.9%	4.6%	4.1%	4.1%	9.9%
Muskegon	Number	4,046	4,232	3,557	3,289	8,859
	Percent	5.2%	5.4%	4.5%	4.3%	11.4%

DEFINITIONS & SOURCES



Definitions: The average annual number of unemployed workers. The annual rate is based on the average monthly number of persons considered to be in the "workforce" because they are employed or unemployed but are looking and available for work.

Data Source: Bureau of Labor Statistics.

Footnotes: The data are not seasonally adjusted. Annual averages for the previous year are pulled in April.

Median Household Income - SAIPE (Number)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	51,063	52,436	54,840	56,640	59,522
Muskegon	Number	46,709	44,473	48,885	49,960	50,730

DEFINITIONS & SOURCES



Definitions: The median represents the midpoint of all household income amounts.

Data Source: U. S. Census Bureau and Small Area Income and Poverty Estimates (SAIPE) web site.

Detroit and Flint use the American Community Survey, 1-Yr Estimate, Table B19013

Footnotes: For 2005, SAIPE switched from the Community Population Survey to the American Community Survey. Results are not comparable with prior years.

Children Ages 0-5 With All Parents In The Labor Force (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	443,866	441,202	438,639	439,038	442,576
	Percent	66.3%	66.4%	66.2%	66.4%	67.1%
Muskegon	Number	8,312	8,444	8,414	8,194	8,522
	Percent	70.1%	71.0%	71.0%	67.6%	71.0%

DEFINITIONS & SOURCES



Definitions:

The number represents the 5 year average, ending in the listed year, of children ages 0-5 in households with all parents in the labor force.

The percent is based on the average population ages 0-5 for those years.

Data Source:

American Community Survey Table B23008.

Children Ages 0-18 Receiving FIP (Cash Assistance) (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	39,649	35,448	31,344	28,611	26,657
	Percent	1.7%	1.5%	1.4%	1.2%	1.2%
Muskegon	Number	1,141	1,076	1,089	1,007	905
	Percent	2.7%	2.5%	2.6%	2.4%	2.2%

DEFINITIONS & SOURCES



Definitions: The number reflects children ages 0-18 receiving assistance in the Family Independence Program (FIP) in December. The percent is based on the population ages 0-18 in the prior year. Percents are not provided for counts fewer than 6 to maintain reliability.

Data Source: Source: Michigan Department of Health and Human Services, Assistance Payments Statistics (Table 4: Total Federal FIP: Children and Adults by Program). Special run for Detroit and Flint data.

Footnotes: Wexford and Missaukee are combined for 1999-2003. Grand Traverse/Leelanau and Charlevoix/Emmet are combined for 2003.

Children Ages 0-18 Receiving FAP (Food Assistance) (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	547,117	509,470	467,188	459,079	491,075
	Percent	23.3%	21.9%	20.2%	20.0%	21.6%
Muskegon	Number	13,031	12,290	11,470	11,091	11,988
	Percent	30.4%	28.7%	27.0%	26.3%	28.7%

Why This Indicator Matters

The Michigan Food Assistance Program (FAP), known as SNAP nationally, provides financial assistance to families with low incomes to buy groceries, striving to reduce food insecurity.

DEFINITIONS & SOURCES



Definitions: The number of children ages 0-18 in families active in the Food Assistance Program in December. The percent is based on the population ages 0-18 in the prior year. Percents are suppressed with an * for counts fewer than 6 to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Assistance Payments Statistics-Table 68. Special run for Detroit and Flint data.

Footnotes: Wexford and Missaukee are combined for 1999-2003. Grand Traverse/Leelanau and Charlevoix/Emmet are combined for 2003.

Children Ages 0-8 Receiving FIP (Cash Assistance) (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	22,472	20,061	17,605	16,109	14,591
	Percent	2.1%	1.9%	1.7%	1.5%	1.4%
Muskegon	Number	663	611	657	576	498
	Percent	3.4%	3.1%	3.4%	3.0%	2.6%

DEFINITIONS & SOURCES



Definitions: The number of children ages 0-8 in families active in the Family Independence Program (FIP) in December. The percent is based on the population of children ages 0-8 in the prior year. Percents are suppressed with an * for counts fewer than 6 to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Assistance Payments Statistics-Table 67. Special run for Detroit and Flint data.

Footnotes: The percent for Flint, 2015 is not available due to a missing population estimate.

Children Ages 0-8 Receiving FAP (Food Assistance) (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	289,876	269,607	247,252	243,167	255,847
	Percent	27.7%	25.8%	23.8%	23.4%	24.7%
Muskegon	Number	7,029	6,643	6,088	5,884	6,310
	Percent	35.9%	33.6%	31.1%	30.3%	32.7%

Why This Indicator Matters

The Michigan Food Assistance Program (FAP), known as SNAP nationally, provides financial assistance to families with low incomes to buy groceries, striving to reduce food insecurity.

DEFINITIONS & SOURCES



Definitions: The number of children ages 0-8 who are in families active for the Food Assistance Program (FAP) in December. The percent is based on the population of children ages 0-8 in the prior year. Percents are suppressed with an * for counts fewer than 6 to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Assistance Payments Statistics-Table 68. Special run for Detroit and Flint data.

Footnotes: The percent for Flint, 2015 is not available due to a missing population estimate for Flint, 2015.

Children Ages 0-5 Receiving FIP (Cash Assistance) (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	15,789	13,987	12,213	11,196	10,072
	Percent	2.3%	2.0%	1.8%	1.6%	1.5%
Muskegon	Number	464	414	456	402	341
	Percent	3.6%	3.2%	3.6%	3.2%	2.7%

DEFINITIONS & SOURCES



Definitions: The number of children ages 0-5 in families that are active for the Family Independence Program (FIP) in December. The percent is based on the population ages 0-5 in the prior year. Percents are suppressed with an * for counts fewer than 6 to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Assistance Payments Statistics-Table 67. Special run for Detroit and Flint data.

Footnotes: Combined data for Wexford/Missaukee for 2000-2003; combined data for Grand Traverse/Leelanau and Charlevoix/Emmet for 2003.

Children Ages 0-5 Receiving FAP (Food Assistance) (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	192,782	179,467	164,993	162,111	168,835
	Percent	28.0%	26.1%	23.9%	23.6%	24.7%
Muskegon	Number	4,642	4,429	4,086	3,936	4,233
	Percent	36.4%	34.4%	31.9%	30.9%	33.3%

Why This Indicator Matters

The Michigan Food Assistance Program (FAP), known as SNAP nationally, provides financial assistance to families with low incomes to buy groceries, striving to reduce food insecurity.

DEFINITIONS & SOURCES

Definitions: The number of children ages 0-5 in families active for the Food Assistance Program (FAP) in December. The percent is based on the population ages 0-5 in the prior year. Percents are suppressed with an * for counts fewer than 6 to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Assistance Payments Statistics-Table 68. Special run for Detroit and Flint data.

Footnotes: Combined data for Wexford/Missaukee for 2000-2004; combined data for Grand Traverse/Leelanau and Charlevoix/Emmet for 2003-04.

Children Ages 0-5 Receiving Subsidized Child Care (Children Approved) (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	33,560	41,207	43,015	42,801	32,551
	Percent	4.9%	6.0%	6.2%	6.2%	4.8%
Muskegon	Number	1,006	1,156	1,348	1,332	1,091
	Percent	7.9%	9.0%	10.5%	10.4%	8.6%

DEFINITIONS & SOURCES

Definitions: The number of children ages 0-5 who are determined eligible and approved to receive payment of subsidized child care in December. The percent is based on the population ages 0-5 in the prior year. Percents are suppressed with an * for counts fewer than 6 to maintain reliability.

Data for 2002-03 are combined for Wexford and Missaukee. Data for 2003 are combined for Grand Traverse and Leelanau and for Charlevoix and Emmet.

Data Source: Michigan Department of Health and Human Services, Assistance Payment Statistics - Table 69.

Children Ages 0-12 Receiving Subsidized Child Care (Children Approved) (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	53,095	65,990	69,409	70,048	56,700

	Percent	3.4%	4.3%	4.5%	4.6%	3.7%
Muskegon	Number	1,709	2,003	2,251	2,253	1,922
	Percent	5.9%	6.9%	7.8%	7.9%	6.8%

DEFINITIONS & SOURCES ^

Definitions: The number of children ages 0-12 who are determined eligible and approved to receive subsidized care in December of the year listed. The percent is based on the population ages 0-12 in the prior year. Percents are suppressed with an * for counts fewer than 6 to maintain reliability.

Data for 2002-03 are combined for Wexford and Missaukee. Data for 2003 are combined for Grand Traverse and Leelanau and for Charlevoix and Emmet.

Data Source: Michigan Department of Health and Human Services, Assistance Payment Statistics - Table 69..

Children Ages 0-12 Receiving Subsidized Care (Payments) (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	31,322	33,648	34,676	34,790	25,246
	Percent	2.0%	2.2%	2.3%	2.3%	1.7%
Muskegon	Number	1,132	1,091	1,232	1,099	918
	Percent	3.9%	3.8%	4.3%	3.9%	3.2%

DEFINITIONS & SOURCES ^

Definitions: The number of children ages 0-12 for whom subsidized child care payments were made in December. The percent is based on the population ages 0-12 in the prior year. Percents are suppressed with an * for counts fewer than 6 to maintain reliability.

Children Ages 0-18 Receiving SSI (Number, Rate & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	42,753	41,149	38,753	37,788	37,102
	Rate	18.2	17.7	16.8	16.4	16.3
	Percent	NA	NA	NA	NA	NA
Muskegon	Number	1,152	1,129	1,109	1,117	1,105
	Rate	26.9	26.3	26.1	26.5	26.4
	Percent	NA	NA	NA	NA	NA

DEFINITIONS & SOURCES



Definitions: The number of children ages 0-18 who are receiving SSI as of December of the year listed. The rate is the number per 1,000 children ages 0-18 of the previous year.

Prior to 2004, data are for children ages 0-17.

Data Source: Michigan Department of Health and Human Services, Bureau of Medicaid Policy and Health System Innovation special run.

Footnotes: Data for Detroit, 2011-2018 were revised on 2/24/2020. An error in the methodology had led to some children being counted multiple times.

Rates for 2004-2016 were revised on 2/13/2019.

Students Receiving Free Or Reduced Priced Lunch (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
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Michigan	Number	679,211	742,922	730,891	733,442	710,473
	Percent	45.8%	50.3%	50.0%	50.5%	50.5%
Muskegon	Number	15,979	16,960	16,288	16,227	16,151
	Percent	57.6%	61.6%	60.8%	61.2%	62.7%

Why This Indicator Matters

K-12 students from families with low incomes below 130% of the federal poverty level are eligible for a fully subsidized lunch. Those from families with incomes between 130% and 185% of poverty are eligible for reduced-price lunch. This is commonly used as a proxy for poverty.

DEFINITIONS & SOURCES



Definitions: Students from families with incomes below 185 percent of the poverty level are eligible for free or reduced prices in the federal School Lunch Program. Students from families reporting income between 130 and 185 percent of the federal poverty line are eligible for reduced priced meals, while children from families with incomes below 130 percent of poverty are eligible for a fully subsidized or “free” meal.

The counts represent K12 and ungraded special education students who were eligible through the end of October. The state total is less than the sum of county totals because there is duplication on the district files from which county totals are calculated. The percent is based on total enrollment. Percents are suppressed with an * for counts fewer than six to maintain reliability.

Districts that cross county boundaries are included in the county indicated by the CEPI district code.

Data Source: Michigan Department of Education, Food and Nutrition Services, Office of Nutrition, for 1990-95. Center for Educational Performance Information (CEPI) web site since 1996 (www.michigan.gov/cepi).

Footnotes: In 2006 the methodology changed from school summary reports to a compilation based on the Single Record Student Database (SRSD). Results are not comparable with prior years.

State totals for SY06-07 through SY08-09 were revised in January 2011 to remove duplicates. Detroit totals for those years were revised to include additional charter schools.

Children Ages 0-4 Receiving WIC (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	280,554	270,784	260,122	253,535	246,261
	Percent	49.1%	47.3%	45.4%	44.3%	43.5%
Muskegon	Number	7,428	7,174	6,980	6,388	6,305
	Percent	70.4%	67.1%	65.7%	60.5%	59.7%

DEFINITIONS & SOURCES

Definitions: The number of children who received benefits under the Women, Infants and Children program. The percent is based on the population ages 0-4.

Data Source: Michigan Department of Health and Human Services, Michigan WIC Program.

Families Receiving The Earned Income Tax Credit (EITC) (Number & Percent)

Location	Data Type	2018	2019
Michigan	Number	729,620	738,380
	Percent	15.1%	15.1%
Muskegon	Number	15,290	15,580
	Percent	19.8%	19.8%

DEFINITIONS & SOURCES

Definitions: The number of families who benefit from the Michigan Earned Income Tax Credit. The percentage is based on the total number of tax filers.

Data Source: Michigan Department of Treasury

Footnotes: County and city data are rounded. The statewide total is based on unrounded numbers and includes those living out of state who claimed the EITC. Thus, rounded county data do not add up to the statewide total.

Children Ages 0-4 Experiencing Homelessness (Number & Percent)

Location	Data Type	2016
Michigan	Number	15,565

	Percent	4.6%
Muskegon	Number	332
	Percent	3.1%

Why This Indicator Matters

It is during the earliest years of life that the very architecture of children’s brains is built in ways that can affect their emotional and cognitive development, as well as their later outcomes in school and life. Trauma such as homelessness can change the makeup of a developing brain, leading to lifelong educational implications before a child even starts school.

DEFINITIONS & SOURCES



Definitions: An estimate of the number of children ages 0-4 who experienced homelessness during the school year.

The estimate of homeless 0-4 year old children in the state is calculated based on 5 Year ACS estimate of the 0-4 population by county and multiplied by the percent homeless for 1st graders by county. This is as accurate an estimate of the 0-4 population that exists, and a very conservative estimate of the 0-4 year old homeless rate.

Data Source:

Poverty Solutions at the University of Michigan

Footnotes:

1. All numbers less than 10 have been redacted in accordance with FERPA
2. The estimate of homeless 0-4 year old children in the state is calculated based on 5 Year ACS estimate of the 0-4 population by county and multiplied by the percent homeless for 1st graders by county. This is as accurate an estimate of the 0-4 population that exists, and a very conservative estimate of the 0-4 year old homeless rate.
3. "Homeless" is defined as the total number of students who experienced homelessness during School Year 2016-17
4. Data by county are based on the address of the school where the student attended for the longest time rather than the address of the student due to the fact that homeless students are highly mobile. All counts and percentages are therefore reflective of students attending school within the counties, but not necessarily living in the county.

NOTE: This research result used data structured and maintained by the MERI-Michigan Education Data Center (MEDC). MEDC data is modified for analysis purposes using rules governed by MEDC and are not identical to those data collected and maintained by the Michigan Department of Education (MDE) and/or Michigan’s Center for Educational Performance and Information (CEPI). Results, information and opinions solely represent the analysis, information and opinions of the author(s) and are not endorsed by, or reflect the views or positions of, grantors, MDE and CEPI or any employee thereof.

Students Who Are Homeless By ISD, K-12 (Number & Percent)

Location	Data Type	2017	2018	2019
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Michigan	Number	34,014	33,775	31,710
	Percent	2.3%	2.2%	2.1%
Muskegon	Number	783	695	689
	Percent	2.9%	2.6%	2.6%

DEFINITIONS & SOURCES



Definitions: The number of K-12 students who were considered homeless in the School Year starting in the fall of the year listed. The percentage is based on the total number of K-12 students enrolled in the ISD.

Data Source: Michigan’s Center for Educational Performance and Information

Footnotes: These data are based on the McKinney-Vento definition of homelessness, which includes all children who “lack a fixed, regular and adequate nighttime residence”. Wayne ISD was likely undercounted significantly due to data collection issues in Detroit Public Schools Community District.

Counties by Intermediate School District (ISD) Key

County	ISD Name
Michigan	All ISDs in the state
Alcona	Alpena-Montmorency-Alcona ESD
Alger	Marquette-Alger RESA
Allegan	Allegan Area Educational Service Agency
Alpena	Alpena-Montmorency-Alcona ESD
Antrim	Traverse Bay Area ISD
Arenac	Bay-Arenac ISD
Baraga	Copper Country ISD
Barry	Barry ISD
Bay	Bay-Arenac ISD
Benzie	Traverse Bay Area ISD
Berrien	Berrien RESA
Branch	Branch ISD
Calhoun	Calhoun Intermediate School District
Cass	Lewis Cass ISD
Charlevoix	Charlevoix-Emmet ISD
Cheboygan	Cheb-Otsego-Presque Isle ESD
Chippewa	Eastern Upper Peninsula ISD
Clare	Clare-Gladwin Regional Education Service District
Clinton	Clinton County RESA
Crawford	C.O.O.R. ISD
Delta	Delta-Schoolcraft ISD
Dickinson	Dickinson-Iron ISD
Eaton	Eaton RESA
Emmet	Charlevoix-Emmet ISD
Genesee	Genesee ISD
Gladwin	Clare-Gladwin Regional Education Service District
Gogebic	Gogebic-Ontonagon ISD
Grand Traverse	Traverse Bay Area ISD
Graiot	Graiot-Isabella RESD
Hillsdale	Hillsdale ISD
Houghton	Copper Country ISD
Huron	Huron ISD
Ingham	Ingham ISD
Ionia	Ionia ISD
Iosco	Iosco RESA
Iron	Dickinson-Iron ISD

Isabella	Gratiot-Isabella RESD
Jackson	Jackson ISD
Kalamazoo	Kalamazoo RESA
Kalkaska	Traverse Bay Area ISD
Kent	Kent ISD
Keweenaw	Copper Country ISD
Lake	West Shore Educational Service District
Lapeer	Lapeer ISD
Leelanau	Traverse Bay Area ISD
Lenawee	Lenawee ISD
Livingston	Livingston ESA
Luce	Eastern Upper Peninsula ISD
Mackinac	Eastern Upper Peninsula ISD
Macomb	Macomb ISD
Manistee	Manistee ISD
Marquette	Marquette-Alger RESA
Mason	West Shore Educational Service District
Mecosta	Mecosta-Osceola ISD
Menominee	Menominee ISD
Midland	Midland County Educational Service Agency
Missaukee	Wexford-Missaukee ISD
Monroe	Monroe ISD
Montcalm	Montcalm Area ISD
Montmorency	Alpena-Montmorency-Alcona ESD
Muskegon	Muskegon Area ISD
Newaygo	Newaygo County RESA
Oakland	Oakland Schools
Oceana	West Shore Educational Service District
Ogemaw	C.O.O.R. ISD
Ontonagon	Gogebic-Ontonagon ISD
Osceola	Mecosta-Osceola ISD
Oscoda	C.O.O.R. ISD
Otsego	Cheb-Otsego-Presque Isle ESD
Ottawa	Ottawa Area ISD
Presque Isle	Cheb-Otsego-Presque Isle ESD
Roscommon	C.O.O.R. ISD
Saginaw	Saginaw ISD
St. Clair	St. Clair County RESA
St. Joseph	St. Joseph County ISD
Sanilac	Sanilac ISD
Schoolcraft	Delta-Schoolcraft ISD
Shiawassee	Shiawassee Regional ESD
Tuscola	Tuscola ISD
Van Buren	Van Buren ISD
Washtenaw	Washtenaw ISD
Wayne	Wayne RESA
Wexford	Wexford-Missaukee ISD

Families With High Housing-Cost Burden (Number & Percent)

Location	Data Type	2018	2019
Michigan	Number	1,077,424	1,052,604
	Percent	27.6%	26.7%
Muskegon	Number	16,979	16,711
	Percent	25.9%	25.3%

DEFINITIONS & SOURCES ^

Definitions: The five-year average number households spending 30 percent or more of their income on housing costs. The percentage is based on total households for that period.

Data Source: U.S. Census Bureau, American Community Survey 5-Year Estimates, Table B25106

Poverty - Children Ages 0-17, Single Year (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	481,421	444,100	416,305	409,201	367,411
	Percent	22.2%	20.7%	19.6%	19.3%	17.5%
Muskegon	Number	9,288	11,113	8,472	8,567	6,733
	Percent	23.4%	27.9%	21.5%	21.9%	17.3%

Why This Indicator Matters

Children growing up in poverty (\$24,858 for a family of four in 2017) are much more likely than their peers to experience stress and deprivation that hinders health, development and readiness for school, and other developmental outcomes.

DEFINITIONS & SOURCES ^

Definitions: The number of children ages 0-17 who live below the poverty threshold. The percent is based on the number of children ages 0-17 for whom poverty status was determined by SAIPE.

Data Source:

For counties - U. S. Census Bureau and Small Area Income and Poverty Estimates (SAIPE) web site.

For cities - American Community Survey Table B17001.

Footnotes: For 2005, SAIPE switched from the Community Population Survey to the American Community Survey. Results are not comparable with prior years.

Poverty - Children Ages 5-17, Single Year (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	330,996	297,400	275,411	278,372	251,843
	Percent	20.8%	18.9%	17.7%	17.9%	16.3%
Muskegon	Number	6,670	7,296	5,865	6,018	4,742

	Percent	22.8%	25.1%	20.4%	21.0%	16.7%
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Why This Indicator Matters

Children growing up in poverty (\$24,858 for a family of four in 2017) are much more likely than their peers to experience stress and deprivation that hinders health, development and readiness for school, and other developmental outcomes.

DEFINITIONS & SOURCES

Definitions: The number of children ages 5-17 who live below the poverty threshold. The percent is based on the population ages 5-17 for whom poverty status was determined by SAIPE.

Data Source:

For counties - U. S. Census Bureau and Small Area Income and Poverty Estimates (SAIPE) web site.

For cities - American Community Survey Table B17001.

Footnotes: For 2005, SAIPE switched from the Community Population Survey to the American Community Survey. Results are not comparable with prior years.

Poverty - All Ages, Single Year (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	1,524,330	1,449,683	1,373,358	1,369,235	1,264,445
	Percent	15.7%	14.9%	14.1%	14.0%	12.9%
Muskegon	Number	26,695	31,393	25,478	26,321	22,745
	Percent	16.1%	18.8%	15.2%	15.7%	13.5%

DEFINITIONS & SOURCES

Definitions: The number of people living below the poverty threshold. The percent is based on the population for whom poverty status was determined by SAIPE.

For counties, U. S. Census Bureau and Small Area Income and Poverty Estimates (SAIPE) web site.

For cities - American Community Survey Table B17001.

Footnotes: For 2005, SAIPE switched from the Community Population Survey to the American Community Survey. Results are not comparable with prior years.

Poverty - Children Ages 0-17 (5 Year ACS) (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	507,993	487,300	458,997	437,527	415,329
	Percent	23.1%	22.4%	21.3%	20.4%	19.5%
Muskegon	Number	10,903	11,270	10,183	9,346	8,376
	Percent	27.5%	28.7%	26.0%	23.9%	21.6%

Why This Indicator Matters

Children growing up in poverty (\$24,858 for a family of four in 2017) are much more likely than their peers to experience stress and deprivation that hinders health, development and readiness for school, and other developmental outcomes.

DEFINITIONS & SOURCES ^

Definitions:

The number represents the 5-year average, ending in the year listed, of children ages 0-17 living below the poverty level.

The percent is based on the 5-year average population for ages 0-17.

Data Source:

American Community Survey Table B17006.

Poverty Ages 0-17 In Married-Parent Families (5 Year ACS) (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	158,213	151,815	139,881	134,364	125,569
	Percent	10.9%	10.6%	9.8%	9.5%	8.9%
Muskegon	Number	3,071	3,286	2,547	2,487	1,962
	Percent	12.8%	13.8%	11.0%	10.4%	8.4%

DEFINITIONS & SOURCES**Definitions:**

The number represents the 5-year average, ending in the year listed, of children ages 0-17 who live in married-parent households that are below the poverty level.

The percent is based on the average population 0-17 for that period.

Data Source: American Community Survey Table B17006.

Footnotes: Children are determined to be in a married-parent household if the head of household is married. Children living with cohabiting adults that are not married, even if one of those adults is a parent, are considered to be in single-parent households.

Poverty Ages 0-17, Single-Parent Families (5 Year ACS) (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	349,780	335,485	319,116	303,163	289,760
	Percent	46.9%	45.5%	43.8%	42.1%	40.6%
Muskegon	Number	7,832	7,984	7,636	6,859	6,414
	Percent	50.3%	51.2%	47.9%	45.0%	41.4%

DEFINITIONS & SOURCES**Definitions:**

The number represents the 5-year average of children ages 0-17 who live in single-parent households that are below the poverty level.

The percent is based on the average population 0-17 for that period.

Data Source: American Community Survey Table B17006.

Poverty Ages 0-17, Single-Parent, Father (5 Year ACS) (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	47,368	43,985	44,539	43,192	42,109
	Percent	28.9%	26.8%	26.4%	25.3%	24.4%
Muskegon	Number	754	818	745	752	769
	Percent	23.2%	24.7%	20.0%	21.9%	20.1%

DEFINITIONS & SOURCES**Definitions:**

The number represents the 5-year average of children ages 0-17 living with their father/related male householder with no spouse present and are below the poverty level.

The percent is based on the average 5-year population ages 0-17.

Data Source: American Community Survey Table B17006.

Poverty Ages 0-17, Single-Parent, Mother (5 Year ACS) (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	302,412	291,500	274,577	259,971	247,651
	Percent	52.0%	50.9%	49.1%	47.3%	45.9%
Muskegon	Number	7,078	7,166	6,891	6,107	5,645
	Percent	57.5%	58.3%	56.4%	51.8%	48.4%

DEFINITIONS & SOURCES**Definitions:**

The number represents the 5-year average of children ages 0-17 living with their mother/related female household with no spouse present and are below the poverty level.

The percent is based on the average population ages 0-17 for that period.

Data Source: American Community Survey Table B17006.

Households In Poverty & ALICE (Number & Percent)

Location	Data Type	2010	2017	2019
Michigan	Number	1,569,992	1,664,606	1,508,284
	Percent	41.2%	42.3%	38.1%
Muskegon	Number	28,390	29,375	28,669
	Percent	43.1%	45.5%	43.3%

DEFINITIONS & SOURCES

Definitions: All people who are in households that are either in poverty or determined to be Asset Limited, Income Constrained, Employed. The percentage is based on the total population during that period.

Data Source: United for Alice

Footnotes: ALICE is a metric developed by United Way to estimate the number of households who earn above the Federal Poverty Level, but not enough to afford a bare-bones household budget. To learn more about methodology, visit: <https://www.unitedforalice.org/home>

Young Adults In Poverty, Ages 18-24 (Number & Percent)

Location	Data Type	2010	2018	2019
Michigan	Number	235,962	233,090	217,457
	Percent	26.7%	25.9%	24.5%
Muskegon	Number	4,717	3,276	2,637
	Percent	31.1%	24.3%	19.9%

DEFINITIONS & SOURCES



Definitions: The five-year average number of 18-24 year olds with income in the past twelve months below the federal poverty level. The percentage is based on the total number of 18-24 year olds during that period.

Data Source: U.S. Census Bureau, American Community Survey, 5-Year Estimates, Table B17001.

Children Ages 0-19 Owed Child Support (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	517,318	511,639	502,975	494,090	475,221
	Percent	20.9%	20.8%	20.6%	20.3%	19.7%
Muskegon	Number	11,847	11,666	11,829	12,014	11,989
	Percent	26.5%	26.1%	26.6%	27.3%	27.5%

DEFINITIONS & SOURCES



Definitions: The number of children on support orders for whom child support is owed. The percent is based on the population ages 0-19.

Data Source: Michigan Department of Health and Human Services, Child Support Enforcement System (MISCES).

Child Support Owed But None Received (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	122,412	92,125	116,545	112,293	77,778
	Percent	23.7%	18.0%	23.2%	22.7%	16.4%
Muskegon	Number	2,927	2,318	2,781	2,847	1,930
	Percent	24.7%	19.9%	23.5%	23.7%	16.1%

DEFINITIONS & SOURCES

Definitions: The number of children ages 0-19 who were owed child support but received none. The percent is based on the number with support owed. An * indicates fewer than 6 occurrences, so no percent is listed.

Data Source: Michigan Department of Health and Human Services, Child Support Enforcement System (MISCES).

Child Support Owed; Received Less Than 70% Of Amount Owed (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	300,607	263,182	293,952	287,147	270,438
	Percent	58.1%	51.4%	58.4%	58.1%	56.9%
Muskegon	Number	7,486	6,591	7,477	7,623	7,504
	Percent	63.2%	56.5%	63.2%	63.5%	62.6%

DEFINITIONS & SOURCES

Definitions: The number of children ages 0-19 who received less than 70% of the Child Support amount owed. The percent is based on the number with support orders. An * indicates fewer than 6 occurrences, so no percent is listed.

Data Source: Michigan Department of Health and Human Services, Child Support Enforcement System (MISCES).

Average Cost Of Full-Time Child Care Per Month (Percent Of Full-Time Minimum Wage) (Number & Percent)

Location	Data Type	2019	2020	2021
Michigan	Number	594	632	646
	Percent	36.4%	37.9%	38.7%
Muskegon	Number	521	526	587
	Percent	31.9%	31.5%	35.1%

DEFINITIONS & SOURCES



Definitions: The number is the weighted average monthly cost for infants, toddlers, preschoolers, and school-age children in day care centers, group homes and family homes in September of the year listed. The percentage is the cost of child care as a percentage of income from a full-time minimum wage job (40 hrs/wk).

Data Source: Early Childhood Investment Corporation

Footnotes: Data are self-reported by providers and not validated by any third party. Providers have the option to report and data are continually updated on a rolling basis. These data should be considered estimates as not all provider cost data are included.

Due to the COVID-19 pandemic, in 2020 there was a drop in providers overall and of those reporting cost data. Caution should be taken when comparing 2020 data to other years.

Special Education Ages 0-26 (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	206,317	207,315	208,525	210,467	202,212
	Percent	13.9%	14.0%	14.3%	14.5%	14.4%
Muskegon	Number	3,809	3,922	4,034	4,115	4,032
	Percent	13.7%	14.2%	15.0%	15.5%	15.6%

DEFINITIONS & SOURCES



Definitions: The count of special education students ages 0-26. The percent is based on total enrollment.

Data Source: Michigan Department of Education, Office of Special Education & Early Intervention Services - for county level data. Center for Educational Performance and Information, MiSchool Data, Special Education Enrollment count for Detroit and Flint (charters included).

Total enrollment is from Center for Educational Performance and Information, MiSchool Data, Free and Reduced Lunch file.

Footnotes: County totals are estimations. Districts with fewer than ten students are excluded due to suppression from the data source.

Detroit data for 2005-08 were revised in October 2010 to include all charter schools.

Flint data for 2016 were revised on 7/17/2019 to include all charter schools.

Children Receiving Early On Services By ISD, Ages 0-2 (Number & Percent)

Location	Data Type	2018	2019	2020
Michigan	Number	11,025	11,615	9,646
	Percent	3.3%	3.5%	2.9%
Muskegon	Number	340	359	287
	Percent	5.4%	5.7%	4.7%

DEFINITIONS & SOURCES



Definitions:

The number of children ages 0-2 who were enrolled in Early On in the fall of the year listed. The percentage is based on the estimated three-year births as provided by the data source. These data are reported by the Intermediate School District (ISD).

Data Source:

Source: Michigan Department of Education

Footnotes: County to Intermediate School District Key:

County	ISD Name
Michigan	All ISDs in the state
Alcona	Alpena-Montmorency-Alcona ESD
Alger	Marquette-Alger RESA
Allegan	Allegan Area Educational Service Agency
Alpena	Alpena-Montmorency-Alcona ESD
Antrim	Traverse Bay Area ISD
Arenac	Bay-Arenac ISD
Baraga	Copper Country ISD

Barry	Barry ISD
Bay	Bay-Arenac ISD
Benzie	Traverse Bay Area ISD
Berrien	Berrien RESA
Branch	Branch ISD
Calhoun	Calhoun Intermediate School District
Cass	Lewis Cass ISD
Charlevoix	Charlevoix-Emmet ISD
Cheboygan	Cheb-Otsego-Presque Isle ESD
Chippewa	Eastern Upper Peninsula ISD
Clare	Clare-Gladwin Regional Education Service District
Clinton	Clinton County RESA
Crawford	C.O.O.R. ISD
Delta	Delta-Schoolcraft ISD
Dickinson	Dickinson-Iron ISD
Eaton	Eaton RESA
Emmet	Charlevoix-Emmet ISD
Genesee	Genesee ISD
Gladwin	Clare-Gladwin Regional Education Service District
Gogebic	Gogebic-Ontonagon ISD
Grand Traverse	Traverse Bay Area ISD
Gratiot	Gratiot-Isabella RESD
Hillsdale	Hillsdale ISD
Houghton	Copper Country ISD
Huron	Huron ISD
Ingham	Ingham ISD
Ionia	Ionia ISD
Iosco	Iosco RESA
Iron	Dickinson-Iron ISD
Isabella	Gratiot-Isabella RESD
Jackson	Jackson ISD
Kalamazoo	Kalamazoo RESA
Kalkaska	Traverse Bay Area ISD
Kent	Kent ISD
Keweenaw	Copper Country ISD
Lake	West Shore Educational Service District
Lapeer	Lapeer ISD
Leelanau	Traverse Bay Area ISD
Lenawee	Lenawee ISD
Livingston	Livingston ESA
Luce	Eastern Upper Peninsula ISD
Mackinac	Eastern Upper Peninsula ISD
Macomb	Macomb ISD
Manistee	Manistee ISD
Marquette	Marquette-Alger RESA
Mason	West Shore Educational Service District
Mecosta	Mecosta-Osceola ISD
Menominee	Menominee ISD
Midland	Midland County Educational Service Agency
Missaukee	Wexford-Missaukee ISD
Monroe	Monroe ISD
Montcalm	Montcalm Area ISD
Montmorency	Alpena-Montmorency-Alcona ESD
Muskegon	Muskegon Area ISD
Newaygo	Newaygo County RESA
Oakland	Oakland Schools
Oceana	West Shore Educational Service District
Ogemaw	C.O.O.R. ISD
Ontonagon	Gogebic-Ontonagon ISD
Osceola	Mecosta-Osceola ISD
Oscoda	C.O.O.R. ISD
Otsego	Cheb-Otsego-Presque Isle ESD
Ottawa	Ottawa Area ISD
Presque Isle	Cheb-Otsego-Presque Isle ESD
Roscommon	C.O.O.R. ISD
Saginaw	Saginaw ISD
St. Clair	St. Clair County RESA
St. Joseph	St. Joseph County ISD
Sanilac	Sanilac ISD
Schoolcraft	Delta-Schoolcraft ISD

Shiawassee	Shiawassee Regional ESD
Tuscola	Tuscola ISD
Van Buren	Van Buren ISD
Washtenaw	Washtenaw ISD
Wayne	Wayne RESA
Wexford	Wexford-Missaukee ISD

Children Ages 0-5 In Special Education (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	25,958	26,617	27,287	28,362	24,540
	Percent	3.6%	3.9%	4.0%	4.1%	3.6%
Muskegon	Number	576	606	704	774	671
	Percent	3.8%	4.7%	5.5%	6.1%	5.3%

DEFINITIONS & SOURCES



Definitions: The number of children ages 0-5 who are in Special Education. The percent is based on the population ages 0-5.

Data Source: Michigan Department of Education

Children Ages 3-4 Not In Preschool (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	125,713	124,771	123,617	124,055	123,356
	Percent	52.6%	52.7%	52.9%	52.9%	52.5%
Muskegon	Number	2,170	2,527	2,892	2,909	2,986
	Percent	51.8%	53.9%	60.4%	61.0%	62.1%

Why This Indicator Matters

Children who participate in high-quality preschool programs are more likely to be socially and cognitively ready for kindergarten.

DEFINITIONS & SOURCES



Definitions:

The number represents the average number of children ages 3-4 who were not enrolled in a preschool program for the 5 year period ending with the listed year.

The percent is based on the average population ages 3-4 for that time period.

Data Source: American Community Survey Table B14003.

Footnotes: Percents for counts fewer than six are suppressed for statistical reliability.

Students Who Dropped Out Of High School (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	10,865	10,486	10,668	10,115	9,186
	Percent	8.9%	8.6%	8.7%	8.4%	7.8%
Muskegon	Number	191	168	165	196	133
	Percent	9.0%	7.9%	8.0%	9.6%	6.9%

DEFINITIONS & SOURCES



Definitions: The number of students in the four-year cohort who have not graduated and either have left school permanently or whose whereabouts are unknown. The percent is based on the cohort.

Some county totals include virtual schools whose students come from many counties, so their rates could be inflated. The counties most affected are Berrien, Clinton, Leelanau, Manistee and Montcalm.

Districts that cross county boundaries are included in the county indicated by the CEPI district code.

Data Source: Center for Educational Performance Information (CEPI).

Footnotes: Percents are suppressed if fewer than six students dropped out for statistical reliability.

The 2008 data for Hillsdale, Manistee and Tuscola are omitted due to data anomalies that compromised the county averages.

Students Not Graduating On Time (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	24,823	24,035	23,661	22,480	21,214
	Percent	20.4%	19.8%	19.4%	18.6%	17.9%
Muskegon	Number	512	508	416	402	313

	Percent	24.1%	23.8%	20.1%	19.6%	16.3%
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Why This Indicator Matters

Students who graduate with their cohort within four years are more likely to be better prepared for postsecondary education or training.

DEFINITIONS & SOURCES



Definitions:

The number reflects students who did not graduate within 4 years of entering ninth grade. The percent is based on the cohort that entered ninth grade 4 years earlier. The on-time graduation rate is 100 minus this percent.

Some county totals include virtual schools whose students come from many counties, so their rates could be inflated. The counties most affected are Berrien, Clinton, Leelanau, Manistee and Montcalm.

Districts that cross county boundaries are included in the county indicated by the CEPI district code.

Data Source: Center for Educational Performance Information (CEPI).

Footnotes: If fewer than six students did not graduate on time, percents are suppressed for statistical reliability.

On-Time High School Graduation (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	97,146	97,218	98,583	98,470	97,070
	Percent	79.6%	80.2%	80.6%	81.4%	82.1%
Muskegon	Number	1,610	1,630	1,655	1,648	1,602
	Percent	75.9%	76.2%	79.9%	80.4%	83.7%

Why This Indicator Matters

Students who graduate with their cohort within four years are more likely to be better prepared for postsecondary education or training.

DEFINITIONS & SOURCES



Definitions:

The number represents students who graduated four years after entering 9th grade. The percent is based on the cohort of students entering 9th grade four years earlier.

The county is based on the first two digits of the five digit district code.

Some county totals include virtual schools whose students come from many counties, so this can lower their graduation rates. The counties most affected are Berrien, Clinton, Leelanau, Manistee and Montcalm.

Data Source: Center for Educational Performance and Information, Michigan Department of Education.

Students Not College Ready (Number & Percent)

Location	Data Type	2016	2017	2018	2019
Michigan	Number	67,878	68,944	68,757	67,856
	Percent	65.1%	65.1%	65.4%	66.2%
Muskegon	Number	1,265	1,245	1,322	1,273
	Percent	74.2%	72.2%	76.3%	76.0%

Why This Indicator Matters

Students who meet the college readiness benchmarks are more likely to successfully complete entry-level college requirements without remediation courses. Being college ready at the start of college increases the likelihood of postsecondary graduation.

DEFINITIONS & SOURCES



Definitions: The number reflects eleventh-graders whose performance on the 2017 College Board SAT in the subjects of Evidence-Based Reading and Writing and Mathematics that did not meet the college readiness benchmarks in one or both of the subjects.

The percentage is based on the number of eleventh-graders whose SAT test scores were included in the report. The SAT College Readiness data are based on the SAT with essay administration completed during the Michigan Merit Examination in the spring of grade 11.

Prior to the 2015-16 school year the ACT College Readiness examination was used to measure the proficiency of high school students in English, mathematics, reading, and science.

Data Source:

Source: Michigan Department of Education

Footnotes: In September 2018, new disclosure avoidance rules were applied to college readiness data. As a result, districts with fewer than ten test-takers, or where the number of students not meeting college readiness was suppressed, were excluded from analysis. County and city totals are estimations that may exclude some districts, and careful consideration should be taken when comparing data across years due to the changes in data disclosure.

Teens Not In School Or Working, Ages 16-19 (Number & Percent)

Location	Data Type	2018	2019
Michigan	Number	36,914	36,087

	Percent	6.9%	6.8%
Muskegon	Number	629	707
	Percent	7.3%	8.1%

DEFINITIONS & SOURCES



Definitions: The five-year average, ending in the year listed, number of teens ages 16-19 who are not enrolled in school and are either unemployed or not in the labor force.

Data Source: U.S. Census Bureau, American Community Survey 5-Year Estimates, Table B14005

Footnotes: For counts fewer than five, percents are suppressed for statistical reliability purposes.

M-STEP - Students Not Proficient In Grade 3 English Language Arts (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2021
Michigan	Number	58,311	58,277	56,872	55,336	41,463
	Percent	54.0%	55.9%	55.6%	54.9%	57.2%
Muskegon	Number	1,209	1,178	1,208	1,178	978
	Percent	57.6%	60.0%	62.3%	61.4%	65.8%

Why This Indicator Matters

After third grade, students read to learn rather than learn to read, making third-grade reading proficiency an important benchmark of future academic outcomes, such as high school graduation and long-term economic security.

DEFINITIONS & SOURCES



Definitions: The count is the number of students who did not meet standards on the English Language Arts section of the Michigan Student Test of Educational Progress (M-STEP). The percent is based on the number of test-takers.

Data are from Spring of the year indicated.

The Michigan Student Test of Educational Progress (M-STEP) results cannot be compared with prior years' Michigan Educational Assessment Program (MEAP) results.

Districts that cross county boundaries are included in the county indicated by the CEPI district code.

Data Source: Michigan Department of Education, Center for Educational Performance and Information.

Footnotes: 2021 M-STEP: Use estimations with caution and do not compare to prior years. Due to the COVID-19 pandemic, fewer students underwent testing compared to prior years, and many school districts had additional data suppressed. Students did not take the M-STEP in 2020

due to the COVID-19 pandemic. More detailed data for districts can be found at mischooldata.org.

In September 2018, new disclosure avoidance rules were applied to M-STEP data. As a result, districts with fewer than ten test-takers, or where the number of students not meeting proficiency was suppressed, were excluded from analysis. County and city totals are estimations that may exclude some districts, and careful consideration should be taken when comparing data across years due to the changes in data disclosure.

County totals do not add up to the statewide total due to districts that are not included in county estimations. The statewide total does include all districts.

M-STEP - Students Not Proficient In Grade 4 English Language Arts (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2021
Michigan	Number	57,675	60,137	57,625	55,435	40,667
	Percent	53.7%	55.8%	55.0%	54.2%	55.8%
Muskegon	Number	1,236	1,320	1,148	1,125	923
	Percent	60.9%	64.0%	60.3%	60.2%	65.9%

DEFINITIONS & SOURCES ^

Definitions: The count is the number of students who did not meet standards on the English Language Arts section of the Michigan Student Test of Educational Progress (M-STEP). The percent is based on the number of test-takers. Districts that cross county boundaries are included in the county indicated by the CEPI district code.

Data are from Spring of the year indicated.

The Michigan Student Test of Educational Progress (M-STEP) results cannot be compared with prior years' Michigan Educational Assessment Program (MEAP) results.

Data Source: Michigan Department of Education, Center for Educational Performance Information.

Footnotes: 2021 M-STEP: Use estimations with caution and do not compare to prior years. Due to the COVID-19 pandemic, fewer students underwent testing compared to prior years, and many school districts had additional data suppressed. Students did not take the M-STEP in 2020 due to the COVID-19 pandemic. More detailed data for districts can be found at mischooldata.org.

In September 2018, new disclosure avoidance rules were applied to M-STEP data. As a result, districts with fewer than ten test-takers, or where the number of students not meeting proficiency was suppressed, were excluded from analysis. County and city totals are estimations that may exclude some districts, and careful consideration should be taken when comparing data across years due to the changes in data disclosure.

County totals do not add up to the statewide total because of districts that are excluded in the county estimations. The statewide total does include all districts.

M-STEP - Students Not Proficient In Grade 8 Math (Number & Percent)

Location	Data Type	2015	2016	2017	2018
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Michigan	Number	75,854	73,364	72,657	74,265
	Percent	67.8%	67.3%	66.5%	67.3%
Muskegon	Number	1,601	1,407	1,451	1,422
	Percent	78.7%	74.0%	72.7%	76.1%

Why This Indicator Matters

Proficiency in math by the end of middle school prepares students for high school math courses, increasing chances of graduation and development of basic math skills for adulthood.

DEFINITIONS & SOURCES



Definitions: The count is the number of students who did not meet standards on the mathematics section of the Michigan Student Test of Educational Progress (M-STEP). The percent is based on the number of test-takers.

Data are from Spring of the year indicated.

The Michigan Student Test of Educational Progress (M-STEP) results cannot be compared with prior years' Michigan Educational Assessment Program (MEAP) results.

Districts that cross county boundaries are included in the county indicated by the CEPI district code.

Data Source: Michigan Department of Education, Center for Educational Performance Information (CEPI).

Footnotes: County data for 2018 (SY17-18) were revised on 10/7/2019. Incorrect district codes had resulted in incorrect counts for some counties.

In September 2018, new disclosure avoidance rules were applied to M-STEP data. As a result, districts with fewer than ten test-takers, or where the number of students not meeting proficiency was suppressed, were excluded from analysis. County and city totals are estimations that may exclude some districts, and careful consideration should be taken when comparing data across years due to the changes in data disclosure.

PSAT - Students Proficient Or Advanced In Grade 8 Math (Number & Percent)

Location	Data Type	2019	2021
Michigan	Number	44,565	28,035
	Percent	41.4%	36.0%
Muskegon	Number	667	339
	Percent	34.4%	26.0%

DEFINITIONS & SOURCES



Definitions: The number of eighth-grade students scoring proficient or above on the PSAT 8/9 in mathematics. Test scores are from the spring of the year listed.

Districts that cross county boundaries are included in the county indicated by the CEPI district code.

Data Source: Michigan Department of Education, Center for Educational Performance Information (CEPI).

Footnotes: 2021 PSAT: Use estimations with caution and do not compare to prior years. Due to the COVID-19 pandemic, fewer students underwent testing compared to prior years, and many school districts had additional data suppressed. Students did not take the PSAT in 2020 due to the COVID-19 pandemic. More detailed data for districts can be found at mischooldata.org.

The PSAT 8/9 replaced the M-STEP ELA and Mathematics assessment in grade 8 and is included in Michigan's accountability system along with the grade 8 M-STEP science and social studies.

Due to disclosure avoidance rules, districts with fewer than ten test-takers, or where the number of students not meeting proficiency was suppressed, were excluded from analysis. County and city totals are estimations that may exclude some districts, and careful consideration should be taken when comparing data across years.

Children Ages 5-17 Living Where English Is Not The Language Spoken At Home (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	170,263	170,402	170,164	171,000	170,556
	Percent	10.2%	10.3%	10.4%	10.5%	10.6%
Muskegon	Number	1,137	952	1,050	1,005	1,071
	Percent	3.7%	3.2%	3.5%	3.4%	3.6%

DEFINITIONS & SOURCES



Definitions:

The number represents the 5-year average, ending in the year listed, of children ages 5-17 who live in households where English is not spoken.

The percent is based on the population ages 5-17 during that period.

Data Source: American Community Survey Table B16008.

Children 5-17, English Not Spoken At Home, Speak English "Less Than Very Well" (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	33,653	32,990	32,808	32,259	32,479
	Percent	19.8%	19.4%	19.3%	18.9%	19.0%

Muskegon	Number	208	223	233	158	104
	Percent	18.3%	23.4%	22.2%	15.7%	9.7%

DEFINITIONS & SOURCES



Definitions:

The number represents the 5-year average, ending in the year listed, of children who live in households where English is not spoken and who speak English "less than very well".

The percent is based on the average population, for that period, of children ages 5-17 living in households where English is not spoken.

Data Source: American Community Survey Table B16008.

Children 0-17 Living In High Poverty Areas (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	371,659	369,445	323,870	305,129	289,904
	Percent	16.8%	16.9%	15.0%	14.2%	13.6%
Muskegon	Number	9,241	11,619	9,216	6,464	6,204
	Percent	23.2%	29.4%	23.4%	16.4%	15.9%

DEFINITIONS & SOURCES



Definitions:

The number represents the 5-year average, ending in the year listed, of children ages 0-17 who live in census tracts with poverty rates of 30% or higher.

The percent is based on the average 0-17 population for that period.

Data Source:

American Community Survey Table S1701.

Children 0-17 In Married-Parent Families (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	1,450,711	1,436,296	1,425,045	1,421,658	1,412,972
	Percent	66.1%	66.1%	66.2%	66.4%	66.5%
Muskegon	Number	24,027	23,731	23,202	23,800	23,374
	Percent	60.7%	60.3%	59.3%	61.0%	60.1%

DEFINITIONS & SOURCES

Definitions:

The number represents the 5-year average, ending in the year listed, of children 0-17 who live in households with two parents who are married.

The percent is based on the average population 0-17 for that period.

Data Source:

American Community Survey Table B17006.

Footnotes: Children are determined to be in a married-parent household if the head of household is married. Children living with cohabiting adults that are not married, even if one of those adults is a parent, are considered to be in single-parent households.

Children Ages 0-17 In Single-Parent Families (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	745,214	736,723	727,831	720,114	712,938
	Percent	33.9%	33.9%	33.8%	33.6%	33.5%
Muskegon	Number	15,558	15,602	15,934	15,230	15,489
	Percent	39.3%	39.7%	40.7%	39.0%	39.9%

DEFINITIONS & SOURCES

Definitions:

The number represents the 5-year average, ending in the year listed, of children ages 0-17 who live in households headed by one parent who is not married.

The percent is based on the average population 0-17 for that period.

Data Source: American Community Survey Table B17006.

Children Ages 0-17 In Single-Parent (Father) Households (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	163,993	164,263	168,633	170,873	172,868
	Percent	7.5%	7.6%	7.8%	8.0%	8.1%
Muskegon	Number	3,253	3,312	3,716	3,434	3,821
	Percent	8.2%	8.4%	9.5%	8.8%	9.8%

DEFINITIONS & SOURCES ^

Definitions:

The number represents the 5-year average, ending in the year listed, of children ages 0-17 living with their father/related male householder with no spouse present.

The percent is based on the average 0-17 population for that period.

Data Source: American Community Survey Table B17006.

Children Ages 0-17 In Single-Parent (Mother) Households (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	581,221	572,460	559,198	549,241	540,070
	Percent	26.5%	26.3%	26.0%	25.6%	25.4%
Muskegon	Number	12,305	12,290	12,218	11,796	11,668
	Percent	31.1%	31.2%	31.2%	30.2%	30.0%

DEFINITIONS & SOURCES ^

Definitions:

The number represents the 5-year average of children ages 0-17 living with their mother/related female household with no spouse present.

The percent is based on the average 0-17 population for that period.

Data Source: American Community Survey Table B17006.

Children With Internet At Home (Number & Percent)

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Location	Data Type	2018	2019
Michigan	Number	1,920,422	1,952,456
	Percent	87.7%	89.9%
Muskegon	Number	34,237	35,556
	Percent	84.6%	88.4%

DEFINITIONS & SOURCES ^

Definitions: The five-year average number of children ages 0-17 with internet at home. The percentage is based on the five-year average population of children ages 0-17.

Data Source: U.S. Census Bureau, American Community Survey, Table B28005

Footnotes: Children are determined to have internet at home if they have any type of computer in the household and either a dial-up or broadband internet subscription.

Total Births (Number)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	113,801	113,682	112,697	111,658	109,839
Muskegon	Number	2,099	2,099	2,113	2,103	2,043

DEFINITIONS & SOURCES ^

Definitions: The number of live births to Michigan women. The city and county indicate the mother's residence.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes: These data are based on three-year averages, with the latest year listed. Births by county and city are based on the mother's residence.

County data and data for the cities of Detroit and Flint were corrected for 2008-2015 on 2/5/2019.

Data for all other cities were revised for 2008-2015 on 4/1/2019.

Births To Teens Under Age 20 (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	7,131	6,428	5,871	5,429	5,086

	Percent	6.3%	5.7%	5.2%	4.9%	4.6%
Muskegon	Number	191	169	159	160	159
	Percent	9.1%	8.1%	7.5%	7.6%	7.8%

DEFINITIONS & SOURCES ^

Definitions: The total number of live births to teens under age 20. The percent is based on total live births. A percent with * indicates fewer than an average of two occurrences over the three-year period. Percents are suppressed to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes: These data are based on three-year averages, with the latest year listed. Births by county and city are based on the mother's residence.

County-level and data for Detroit and Flint were updated for the years 2008-2016 on 2/21/2019.

City data for 2008-2016 were updated on 3/27/2019.

Repeat Teen Births Ages 15-19 (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	1,203	1,112	990	895	817
	Percent	17.0%	17.5%	17.0%	16.6%	16.2%
Muskegon	Number	33	28	25	26	26
	Percent	17.5%	16.5%	15.7%	16.2%	16.8%

DEFINITIONS & SOURCES ^

Definitions: The total number of second or third births to teens. The percent is based on births to mothers aged 15-19. A percent with * indicates fewer than an average of two occurrences over the three-year period. Percents are suppressed to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes: These data are based on three-year averages, with the latest year listed. Births by county and city are based on the mother's residence.

County data and data for the cities of Detroit and Flint were revised for 2008-2015 on 3/12/2019.

Births To Unwed Mothers (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019

Michigan	Number	48,534	48,162	47,490	46,636	45,877
	Percent	42.6%	42.4%	42.1%	41.8%	41.8%
Muskegon	Number	1,137	1,124	1,140	1,144	1,134
	Percent	54.2%	53.5%	54.0%	54.4%	55.5%

DEFINITIONS & SOURCES



Definitions: The total number of live births to unwed mothers. The percent is based on total live births. An * for the percent indicates fewer than an average of two occurrences over the three-year period. Percents are suppressed for reliability.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes: These data are based on three-year averages, with the latest year listed. Births by county and city are based on the mother's residence.

County data and data for the cities of Detroit and Flint were revised for 2008-2015 on 3/1/2019.

City data were revised for 2008-2015 on 3/28/2019.

Births To Mothers With No Diploma Or GED (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	14,262	13,539	13,055	12,463	11,937
	Percent	12.5%	11.9%	11.6%	11.2%	10.9%
Muskegon	Number	273	261	249	250	232
	Percent	13.0%	12.4%	11.8%	11.9%	11.4%

DEFINITIONS & SOURCES



Definitions: The number of births to mothers who do not have a high school diploma or GED (from the new birth certificate, used in Michigan beginning July 2007). This is a two-year average for 2009 and a three year average for subsequent years.

The percent is based on total live births. An * for the percent indicates fewer than an average of two occurrences in the three-year period. Percents are suppressed to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes: County data and data for the cities of Detroit and Flint were revised for 2008-2015 on 2/27/2019.

City data were revised 2008-2015 on 3/28/2019.

Births With Late Or No Prenatal Care (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	6,075	6,108	6,064	6,079	6,183
	Percent	5.3%	5.4%	5.4%	5.4%	5.6%
Muskegon	Number	110	127	136	144	128
	Percent	5.2%	6.1%	6.5%	6.8%	6.3%

DEFINITIONS & SOURCES



Definitions: Births to mothers who received late or no prenatal care, as defined by the new birth certificate used in Michigan since July 2007. This is a two-year average for 2009 and a three year average for subsequent years.

The percent is based on the total number of live births. An * indicates fewer than an average of two occurrences in the three-year period.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes: County data for 2008-2015 were revised on 2/5/2019.

City data for 2008-2015 were revised on 3/27/2019

Births With Less Than Adequate Prenatal Care (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	36,911	36,926	36,285	35,802	35,408
	Percent	32.4%	32.5%	32.2%	32.1%	32.2%
Muskegon	Number	816	886	887	864	751
	Percent	38.9%	42.2%	42.0%	41.1%	36.7%

Why This Indicator Matters

Prenatal care increases the chances of a healthy pregnancy and birth. Adequacy of prenatal care is based on the Kessner Index, which measures adequacy by the month the care began, number of prenatal visits and length of the pregnancy. Prenatal care is adequate when it begins in the first trimester and includes, on average, at least one or two additional prenatal care visits per month, depending on the length of gestation.

DEFINITIONS & SOURCES



Definitions: The number of live births with less than adequate prenatal care (3 year average), and the percent of total live births represented. This is a two year average for 2009 and a three year average for 2010 and later.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes: County data and data for the cities of Detroit and Flint for 2008-2015 were revised on 2/5/2019.

Data for all other cities were revised for 2008-2015 on 4/1/2019.

Births To Mothers Who Smoked During Pregnancy (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	20,862	19,440	18,263	16,991	15,824
	Percent	18.3%	17.1%	16.2%	15.2%	14.4%
Muskegon	Number	574	543	519	492	459
	Percent	27.4%	25.9%	24.6%	23.4%	22.5%

DEFINITIONS & SOURCES



Definitions: The number of births to mothers who smoked during pregnancy (from the new birth certificate, used in Michigan beginning in July 2007).

This is a two-year average for 2009 and a three year average for subsequent years. The percent is based on total live births. An * for the percent indicates fewer than an average of two occurrences over the three-year period. Percents are suppressed for reliability.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes:

County data and data for the cities of Detroit and Flint were revised for 2008-2015 on 2/27/2019.

City data were revised for 2008-2015 on 3/27/2019.

Low Birthweight Babies (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	9,533	9,637	9,722	9,635	9,551
	Percent	8.4%	8.5%	8.6%	8.6%	8.7%
Muskegon	Number	215	205	200	202	196
	Percent	10.2%	9.8%	9.4%	9.6%	9.6%

Why This Indicator Matters

Infants born with low birthweight (less than 5 lbs., 8oz.) are at higher risk for physical and developmental delays that hinder growth, school readiness and long-term health outcomes.

DEFINITIONS & SOURCES



Definitions: The three-year average number of babies who weigh less than 2,500 grams (approximately 5 lb. 8 oz.) at birth. A percent with * indicates fewer than an average of two occurrences over the three-year period. Percents are suppressed to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes: These data are based on three-year averages, with the latest year listed. Births by county and city are based on the mother's residence.

County data and data for the cities of Detroit and Flint were corrected for 2008-2015 on 2/27/2019.

City data were revised for 2008-15 on 3/27/2019.

Preterm Births (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	11,115	11,254	11,344	11,311	11,171
	Percent	9.8%	9.9%	10.1%	10.1%	10.2%
Muskegon	Number	251	240	240	256	249
	Percent	12.0%	11.4%	11.3%	12.2%	12.2%

DEFINITIONS & SOURCES



Definitions: The three-year average number of live births with less than 37 weeks of gestation. The percent is based on total live births. Percents are suppressed with an * for fewer than two occurrences in the three-year period to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes:

County data and data for the cities of Detroit and Flint were revised for 2008-2015 on 2/27/2019.

City data were revised for 2008-2015 on 3/27/2019.

Medicaid Paid Births - Single Year (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	49,264	48,699	47,662	45,382	44,759
	Percent	43.5%	43.0%	42.7%	41.2%	41.5%
Muskegon	Number	1,256	1,270	1,246	1,229	1,192
	Percent	60.3%	59.6%	58.6%	59.9%	61.0%

DEFINITIONS & SOURCES



Definitions: The number of births that were paid for by Medicaid. The percent is based on total live births. Percents are suppressed with an * for fewer than six occurrences in a single-year to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes: Births by county are based on the mother's county of residence.

County data and data for the cities of Detroit and Flint were revised for 2008-2015 on 2/5/2019.

All other city data were revised for 2008-2015 on 4/1/2019.

Medicaid Paid Births - 3 Year Average (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	49,401	48,990	48,542	47,248	45,934
	Percent	43.4%	43.1%	43.1%	42.3%	41.8%
Muskegon	Number	1,319	1,270	1,257	1,248	1,222
	Percent	62.8%	60.5%	59.5%	59.4%	59.8%

DEFINITIONS & SOURCES



Definitions: The number of births that were paid for by the Medicaid Program (3 year average). The percent is based on total live births.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes: All data for 2008-2015 were revised on 4/1/2019.

Births To Mothers Who Are Foreign Born (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	13,099	13,311	13,667	13,820	13,534
	Percent	11.5%	11.7%	12.1%	12.4%	12.3%
Muskegon	Number	66	60	63	63	60
	Percent	3.1%	2.9%	3.0%	3.0%	2.9%

DEFINITIONS & SOURCES



Definitions: The number of live births to foreign-born mothers (three-year average). The percent is based on total live births. Percents are suppressed with an * for fewer than two occurrences in the three-year period to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes: These data are based on three-year averages, with the latest year listed. Rates are not calculated for counties or cities with occurrences that total less than six over the three-year period.

County data for 2008-2015 were corrected 2/5/2019.

County data for 2007 were corrected 12/8/2010.

Births With No Paternity Established (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	16,355	15,530	14,702	13,909	13,491
	Percent	14.4%	13.7%	13.0%	12.5%	12.3%
Muskegon	Number	359	349	338	330	313
	Percent	17.1%	16.6%	16.0%	15.7%	15.3%

DEFINITIONS & SOURCES



Definitions: The number of live births for which no designation of paternity was made. The percent is the number divided by total live births. Percents are suppressed with an * for fewer than two occurrences in the three-year period to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes: Data for 2008 is single-year. Data for 2009 is a two-year average. All other years are three-year averages ending in the year listed.

County data and data for the cities of Detroit and Flint were revised for 2008-2015 on 3/1/2019.

Data for all other cities were revised for 2008-2015 on 4/1/2019.

Children Ages 0-18 Insured By MiChild (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	45,968	44,170	45,395	50,575	44,690
	Percent	2.0%	1.9%	2.0%	2.2%	2.0%
Muskegon	Number	945	906	977	1,125	935
	Percent	2.2%	2.1%	2.3%	2.7%	2.2%

DEFINITIONS & SOURCES



Definitions: The number of children ages 0-18 insured by MiChild, as of December of the year listed. The percent is based on the population ages 0-18 of the previous year.

Data Source:

Maximus (1999-2015 data); Michigan Department of Health and Human Services, special run (2016-current year data).

Footnotes: Data for Detroit, 2016-2018 were revised on 2/24/2020. An error in methodology had led to some children being counted multiple times.

Children Ages 0-18 Insured By Medicaid (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	973,458	1,003,645	986,573	979,177	1,054,641
	Percent	41.5%	43.1%	42.7%	42.6%	46.3%
Muskegon	Number	22,293	22,806	22,609	22,252	24,099
	Percent	52.0%	53.2%	53.1%	52.8%	57.6%

DEFINITIONS & SOURCES



Definitions: The number of children ages 0-18 who are insured by Medicaid in December of the year listed. The percent is based on the population ages 0-18 of the prior year.

Data Source: Michigan Department of Health and Human Services, Bureau of Medicaid Policy and Health System Innovation special run.

Footnotes: Data for Detroit from 2011 to 2018 were revised on 2/24/2020. An error in methodology had led to some children being counted multiple times.

Wexford and Missaukee are combined for 1999-2003. Emmet/Charlevoix and Grand Traverse/Leelanau are combined for 2003.

Children Ages 0-18 With Health Insurance (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	2,208,934	2,195,206	2,182,701	2,162,351	2,134,409
	Percent	96.8%	96.9%	97.1%	96.7%	96.6%
Muskegon	Number	40,601	40,401	40,553	39,987	39,421
	Percent	97.0%	97.0%	97.9%	97.3%	97.0%

DEFINITIONS & SOURCES ^

Definitions: The number of children ages 0-18 who had some type of health insurance. The percent is based on the population ages 0-18.

Data Source: U.S. Census Bureau, Small Area Health Insurance Estimates (SAHIE). Detroit and Flint are single-year estimates from the American Community Survey. Prior to 2017, estimates for Detroit and Flint only included children ages 0-17.

Footnotes:

SAHIE methodology changed to use the American Community Survey starting in 2008. Thus, data prior to 2008 should not be compared to data after 2008.

Infant Mortality (Number & Rate)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	781	763	760	744	726
	Rate	6.9	6.7	6.7	6.7	6.6
Muskegon	Number	17	18	18	16	12
	Rate	8.1	8.4	8.4	7.5	5.9

Why This Indicator Matters

Infants who die before their first birthday is a child outcome, but also an indicator of population health. There are several main causes of infant deaths, some of which are genetic and others are environmental factors.

DEFINITIONS & SOURCES ^

Definitions: Infant Deaths include deaths of infants up to one year of age. The number is the 3-year average ending in the year listed. The rate is the number per 1,000 average live births during that period. An * for the rate indicates fewer than an average of two deaths in the three-year period. Rates are suppressed for small counts for reliability.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes: These data are based on three-year averages, with the latest year listed. Births by county are based on the mother's county of residence.

The county-level data and data for the cities of Detroit and Flint for 2008-2015 were revised on 2/5/2019.

Data for all other cities for 2008-2015 were revised on 4/1/2019.

Data for 2016 were revised on 2/25/2019.

Child Deaths Ages 1-14 (Number & Rate)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	282	297	303	315	308
	Rate	16.5	17.6	18.1	18.8	18.5
Muskegon	Number	4	5	5	5	5
	Rate	13.7	14.8	14.9	16.0	16.1

Why This Indicator Matters

Child and teen death rates from all causes, such as accidents, illnesses, homicide and suicide, can reveal underlying issues and inequities within communities, such as neighborhood safety, access to healthcare or exposure to environmental toxins.

DEFINITIONS & SOURCES



Definitions: The three-year average number of deaths for children ages 1-14 and the rate per 100,000 children ages 1-14. An * is listed for the rate when the count is fewer than an average of 2 for the three-year period. Rates are suppressed for small counts to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes: County-level data and data for the cities of Detroit and Flint were corrected for 2008-2015 on 2/5/2019.

Teen Deaths Ages 15-19 (Number & Rate)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	322	333	341	329	301
	Rate	47.6	49.6	51.1	49.8	46.1
Muskegon	Number	9	9	8	7	7
	Rate	76.2	76.8	68.5	60.3	64.2

Why This Indicator Matters

Child and teen death rates from all causes, such as accidents, illnesses, homicide and suicide, can reveal underlying issues and inequities within communities, such as neighborhood safety, access to healthcare or exposure to environmental toxins.

DEFINITIONS & SOURCES

Definitions: The three-year average number of deaths to teens ages 15-19, and the rate is per 100,000 youth ages 15-19. An * indicates the average count for the three-year period was fewer than 2, so no rate is listed. Rates are suppressed to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes:

County-level data and data for the cities of Detroit and Flint for 2008-2015 were corrected on 2/5/2019.

Data for 2016 were revised on 2/25/2019.

Child & Teen Deaths Ages 1-19 (Number & Rate)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	604	630	644	644	609
	Rate	25.3	26.7	27.5	27.6	26.3
Muskegon	Number	13	13	12	12	12
	Rate	30.2	31.2	29.0	27.6	28.6

Why This Indicator Matters

Child and teen death rates from all causes, such as accidents, illnesses, homicide and suicide, can reveal underlying issues and inequities within communities, such as neighborhood safety, access to healthcare or exposure to environmental toxins.

DEFINITIONS & SOURCES

Definitions: The three-year average number of deaths to children ages 1-19. The rate is the number per 100,000 population ages 1-19. An * indicates the three-year average count was fewer than 2, so no rate is listed. Rates are suppressed to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes: Data for counties and the cities of Detroit and Flint were corrected for 2008-2015 on 2/5/2019.

Data for 2016 were revised on 2/25/2019.

Young Adult Deaths, Ages 18-24 (Number & Rate)

Location	Data Type	2010	2018	2019
Michigan	Number	824	853	788
	Rate	84.7	88.0	82.1
Muskegon	Number	10	17	16
	Rate	63.5	113.9	109.1

DEFINITIONS & SOURCES ^

Definitions: The number of deaths from all causes for young adults ages 18-24. It is an annual average for the three-year periods ending in the year listed. The rate is the number of child deaths per 100,000 young adults ages 18-24 (three-year average) during the periods based on the person's county of residence. Starting in 2019, rates are suppressed with an * for counts fewer than an average of 2 for the three-year period. Prior to 2019, rates were suppressed by the state of Michigan for counts fewer than 5. Rates are suppressed to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Vital Records and Health Data Development Section

Births To Teens Ages 15-19 (Number & Rate)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	7,063	6,371	5,817	5,380	5,036
	Rate	21.4	19.4	17.8	16.6	15.7
Muskegon	Number	188	168	157	158	156
	Rate	34.0	30.4	28.7	29.3	29.4

Why This Indicator Matters

Teen moms often struggle to complete high school, live in poverty, and raise a child alone, making it more difficult for them to create good early learning environments to ensure their children are ready and prepared for school. Babies born to teen mothers are more likely to be born too early and/or too small.

DEFINITIONS & SOURCES ^

Definitions: The number of births to mothers ages 15-19, and the rate per 1,000 females ages 15-19. An * indicates the three-year count is fewer than 6, so no rate is listed.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes: These data are based on three-year averages, with the latest year listed. Rates are not calculated for counties with occurrences that total less than six over the three-year period. NA represents the uncalculated rates.

Teen Pregnancies Ages 15-19 (Number & Rate)

Location	Data Type	2013	2014	2015	2016	2017
Michigan	Number	14,046	12,727	11,533	10,462	9,586
	Rate	41.3	38.1	34.9	31.9	29.4
Muskegon	Number	304	281	268	244	228
	Rate	53.1	49.9	48.2	44.2	41.6

DEFINITIONS & SOURCES

Definitions: The number of pregnancies in the 15-19 age group (three-year average), and the rate per 1,000 females ages 15-19. An * indicates the count is less than 6, so no rate is listed.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes: These data are based on three-year averages, with the latest year listed. The county is based on the mother's county of residence.

Mental Health Providers (Ratio Of Population To Provider) (Number & Rate)

Location	Data Type	2018	2019
Michigan	Number	24,658	26,794
	Rate	404:1	373:1
Muskegon	Number	341	365
	Rate	509:1	476:1

DEFINITIONS & SOURCES

Definitions: The number of mental health providers and the ratio of the population to mental health providers in the given year.

Mental health providers are defined as psychiatrists, psychologists, licensed clinical social workers, counselors, marriage and family therapists, and mental health providers that treat alcohol and other drug abuse, as well as advanced practice nurses specializing in mental health care.

Data Source: County Health Rankings, from Centers for Medicare and Medicaid Services National Provider Identification Registry

Footnotes: The ratio represents the number of individuals served by one mental health provider in the county, if the population were equally distributed across providers. For example, if a county has a population of 50,000 and has 50 mental health providers, their ratio would be: 1,000:1. The value on the right side of the ratio is always 1 or 0; 1 indicates that there is at least one mental health provider in the county, and zero indicates there are no registered mental health providers in the county.

Children With Food Insecurity (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	397,070	356,930	345,130	318,206	305,190
	Percent	18.0%	16.3%	15.9%	14.7%	14.2%
Muskegon	Number	7,570	7,420	7,110	6,493	6,310
	Percent	18.4%	18.1%	17.4%	16.2%	15.6%

DEFINITIONS & SOURCES ^

Definitions: The number and percentage of children ages 0-17 determined to be food insecure or living in households that experienced food insecurity at some point during the year. Food insecurity refers to the United States Department of Agriculture’s measurement of a lack of access, at times, to enough food for an active, healthy life for all members of a given household, and limited or uncertain availability of nutritionally adequate foods.

Data Source:

Gundersen, C., A. Dewey, E. Engelhard, M. Strayer & L. Lapinski. *Map the Meal Gap 2020: A Report on County and Congressional District Food Insecurity and County Food Cost in the United States in 2018*. Feeding America, 2020.

Footnotes:

For 2018, Kids Count used food insecurity rates to calculate unrounded counts of children for each location based on 2018 population. Thus, counts may differ slightly from the data source. 2018 data were revised with unrounded counts on 6/8/2021.

According to the data source:

Please take caution as you compare county rates year-by-year. For each iteration of the study, there are very few statistically significant changes. Methodology has changed twice since the study’s inception.

Most recently, beginning in 2020, the food insecurity model was enhanced through the inclusion of a disability rate variable and refining our poverty measure to reflect non-undergraduate student poverty. The details surrounding this changed are discussed in a [technical brief](#) (pg. 4 - 5). Additionally, in 2013, we introduced homeownership as an independent variable to serve as a proxy for household assets. Because of these methodology changes, the estimates from *Map the Meal Gap 2020* are not directly comparable to estimates from previous years. Additionally, studies prior to 2013 are not directly comparable to more recent publications.

Children Ages 1-2 Tested For Lead (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019

Michigan	Number	87,845	95,337	93,359	89,937	91,906
	Percent	38.5%	41.8%	40.5%	39.4%	40.9%
Muskegon	Number	1,563	1,720	1,785	1,803	2,409
	Percent	37.7%	41.4%	42.0%	43.3%	57.1%

DEFINITIONS & SOURCES ^

Definitions: Children ages 1-2 tested for lead poisoning. Data provided by the Michigan Department of Health and Human Services, Childhood Lead Poisoning Prevention Program.

Percent is based on the population of children ages 1-2.

Data Source: Michigan Department of Health and Human Services, Childhood Lead Poisoning Prevention Program

Footnotes: Data for 2014-2018 were revised on 9/24/2019. Due to this change, data for 2014-2018 should not be compared to prior years.

Starting in 2018, the same year populations are used to generate percentages. Before 2018, the prior year's populations were used due to availability of population estimates at the time of data release.

Children Ages 1-2 With Elevated Blood Lead ($\geq 5\mu\text{g/DL}$) (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	3,030	3,470	2,861	2,556	2,423
	Percent	3.4%	3.6%	3.1%	2.8%	2.6%
Muskegon	Number	74	93	76	92	135
	Percent	4.7%	5.4%	4.3%	5.1%	5.6%

DEFINITIONS & SOURCES ^

Definitions: The total number of children ages 1 and 2 with a lead test reading of 5 or greater micrograms of lead per deciliter of blood as determined by a capillary or venous blood test.

Percent is based on the population of 1-2 year olds who were tested for lead.

Data Source: Michigan Department of Health and Human Services, Childhood Lead Poisoning Prevention Program

Footnotes: Data for 2014-2018 were revised on 9/24/2019. Due to this change, data for 2014-2018 should not be compared to prior years.

Department policy requires all counts between 1 and 5 to be suppressed. Percents are suppressed if there were fewer than 6 children for statistical reliability purposes.

Children Ages 1-2 With Elevated Blood Lead, Confirmed By Venous (≥ 5 Ug/Dl) (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	1,449	1,733	1,525	1,445	1,284
	Percent	1.6%	1.8%	1.6%	1.6%	1.4%
Muskegon	Number	37	43	22	33	42
	Percent	2.4%	2.5%	1.2%	1.8%	1.7%

DEFINITIONS & SOURCES ^

Definitions: The number of children confirmed to have a blood lead level of greater than or equal to five micrograms per deciliter. A venous test is used to confirm an elevated blood lead level.

The percent is based on the number of children tested for lead.

Data Source: Michigan Department of Health and Human Services, Childhood Lead Poisoning Prevention Program

Footnotes: Data for 2014-2018 were revised on 9/24/2019. Due to this change, data for 2014-2018 should not be compared to prior years.

Department policy requires all counts between 1 and 5 to be suppressed. Percents are suppressed if there were fewer than 6 children for statistical reliability purposes.

Children Ages 1-2 On Medicaid, Tested For Lead (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	65,636	70,307	67,370	62,257	57,541
	Percent	54.0%	52.0%	50.7%	47.1%	44.4%
Muskegon	Number	1,175	1,288	1,272	1,273	1,541
	Percent	42.0%	43.1%	43.5%	42.8%	51.9%

DEFINITIONS & SOURCES ^

Definitions: The number of 1-2 year olds enrolled in Medicaid who were tested for lead.

The percentage is based on the total number of 1-2 year olds enrolled in Medicaid.

Data Source: Michigan Department of Health and Human Services, Childhood Lead Poisoning Prevention Program

Footnotes: Data for 2014-2018 were revised on 9/24/2019. Due to this change, data for 2014-2018 should not be compared to prior years.

Department policy requires all counts between 1 and 5 to be suppressed. Percents are suppressed if there were fewer than 6 children for statistical reliability purposes.

Children Ages 1-2 On Medicaid, With Elevated Blood Lead ($\geq 5\mu\text{g}/\text{DL}$) (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	2,720	3,105	2,489	2,168	1,927
	Percent	4.1%	4.4%	3.7%	3.5%	3.3%
Muskegon	Number	73	86	69	77	110
	Percent	6.2%	6.7%	5.4%	6.0%	7.1%

DEFINITIONS & SOURCES ^

Definitions: The number of Medicaid enrolled 1-2 year olds with an elevated blood lead level ($\geq 5\mu\text{g}/\text{dl}$) as determined by a capillary or venous blood test.

The percent is based on the total Medicaid 1-2 year olds tested for lead.

Data Source: Michigan Department of Health and Human Services, Childhood Lead Poisoning Prevention Program

Footnotes: Data for 2014-2018 were revised on 9/24/2019. Due to this change, data for 2014-2018 should not be compared to prior years.

Department policy requires all counts between 1 and 5 to be suppressed. Percents are suppressed if there were fewer than 6 children for statistical reliability purposes.

Children Ages 1-2 On Medicaid With Elevated Blood Lead, Confirmed By Venous ($\geq 5\mu\text{g}/\text{DL}$) (Number & Percent)

Location	Data Type	2015	2016	2017	2018	2019
Michigan	Number	1,308	1,569	1,358	1,240	1,066
	Percent	2.0%	2.2%	2.0%	2.0%	1.9%
Muskegon	Number	36	38	21	28	36
	Percent	3.1%	3.0%	1.7%	2.2%	2.3%

DEFINITIONS & SOURCES ^

Definitions: The number of Medicaid children ages 1-2, confirmed to have a blood lead level of greater than or equal to five micrograms per deciliter. A venous test is used to confirm an elevated blood lead level.

The percent is based on the number of Medicaid children ages 1-2 tested for lead.

Data Source: Michigan Department of Health and Human Services, Childhood Lead Poisoning Prevention Program

Footnotes: Data for 2014-2018 were revised on 9/24/2019. Due to this change, data for 2014-2018 should not be compared to prior years.

Department policy requires all counts between 1 and 5 to be suppressed. Percents are suppressed if there were fewer than 6 children for statistical reliability purposes.

Fully Immunized Toddlers, Age 19-35 Months (Series 4313314) (Number & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	125,993	125,853	123,697	121,567	119,786
	Percent	74.9%	75.0%	74.1%	73.9%	70.7%
Muskegon	Number	2,375	2,480	2,408	2,423	2,371
	Percent	79.9%	81.7%	79.2%	77.2%	74.0%

DEFINITIONS & SOURCES



Definitions: The number of children ages 19-35 months with all immunizations 4313314. Data are taken from the December of the year listed. The percent is based on the population ages 19-35 months. An * indicates fewer than 6, so no percent is listed.

Data Source: Michigan Department of Health and Human Services, Division of Immunization, Michigan Care Improvement Registry.

Footnotes: Schedule 4313314 includes: 4 or more doses of Diphtheria, Tetanus and Pertussis (DTaP/DTP/DT), 3 or more doses of Polio, 1 or more doses of measles, mumps and rubella (MMR) vaccine, 3 or more doses of Haemophilus influenzae type B (hib) vaccine, 3 or more doses of hepatitis B vaccine, 1 or more dose of Varicella vaccine and 4 or more doses of Pneumococcal conjugate vaccine (PCV).

Children Hospitalized For Asthma, Ages 0-14 (Number & Rate)

Location	Data Type	2018	2019
Michigan	Number	2,205	2,263
	Rate	10.3	10.6
Muskegon	Number	35	29
	Rate	8.8	7.2

DEFINITIONS & SOURCES



Definitions: The three-year average number of Michigan hospital discharges of children ages 0-14 with asthma recorded as the primary diagnosis in the year listed. The rate is the number per 10,000 children ages 0-14.

Data Source: Michigan Department of Health and Human Services, Division of Epidemiology Services

Footnotes: According to the data source, “hospitalization rates calculated with a small number of events or population size are statistically unstable. They exhibit wide confidence intervals indicative of great variability. Data suppression rules are enforced so that the data presented are reliable. For demographic or geographic subgroups where there is less than or equal to 20 hospitalizations or less than 5000 population, asthma hospitalization rates are not presented. In addition, to protect the identity of persons who have been hospitalized, counts < 5 are not presented.”

Births By Race And Ethnicity (Expanded) (Number & Percent)

Location	Race	Data Type	2018	2019
Michigan	American Indian or Alaska Native, Not Hispanic or Latino	Number	609	576
		Percent	0.5%	0.5%
	Asian or Pacific Islander, Not Hispanic or Latino	Number	4,550	4,472
		Percent	4.1%	4.1%
	Black or African American, Not Hispanic or Latino	Number	21,403	21,354
		Percent	19.2%	19.4%
	Hispanic or Latino	Number	7,606	7,546
		Percent	6.8%	6.9%
	White, Not Hispanic or Latino	Number	76,846	75,141
		Percent	68.8%	68.4%
	Unknown	Number	303	340
		Percent	0.3%	0.3%
	Total	Number	111,658	109,839
		Percent	NA	NA
Arab Ancestry	Number	5,177	5,122	
	Percent	4.6%	4.7%	
Muskegon	American Indian or Alaska Native, Not Hispanic or Latino	Number	29	29
		Percent	1.4%	1.4%
	Asian or Pacific Islander, Not Hispanic or Latino	Number	17	21
		Percent	0.8%	0.9%
	Black or African American, Not Hispanic or Latino	Number	457	451
		Percent	21.8%	22.1%
	Hispanic or Latino	Number	148	140
		Percent	7.0%	6.9%
	White, Not Hispanic or Latino	Number	1,444	1,399
		Percent	68.7%	68.5%
	Unknown	Number	7	6
		Percent	0.3%	0.3%
	Total	Number	2,103	2,043
		Percent	NA	NA
Arab Ancestry	Number	5	5	
	Percent	0.2%	0.2%	

DEFINITIONS & SOURCES



Definitions: The three-year average number of births, by race and/or ethnicity of the mother, along with the percent of total births represented. Births for Arab ancestry are for all races.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes: Percents are suppressed for counts fewer than two.

Births By Race (Number & Percent)

Location	Race	Data Type	2013	2014	2015	2016	2017	
Michigan	Total	Number	113,533	113,633	113,801	113,682	112,697	
		Percent	NA	NA	NA	NA	NA	
	White Non-Hispanic	Number	78,772	78,915	78,886	78,856	77,708	
		Percent	69.4%	69.4%	69.3%	69.4%	69.0%	
	Black Non-Hispanic	Number	21,604	21,396	21,350	21,176	21,360	
		Percent	19.0%	18.8%	18.8%	18.6%	19.0%	
	Hispanic	Number	7,756	7,662	7,719	7,717	7,722	
		Percent	6.8%	6.7%	6.8%	6.8%	6.9%	
	Other Non-Hispanic	Number	5,401	5,661	5,847	5,932	5,907	
		Percent	4.8%	5.0%	5.1%	5.2%	5.2%	
	Muskegon	Total	Number	2,123	2,096	2,099	2,099	2,113
			Percent	NA	NA	NA	NA	NA
White Non-Hispanic		Number	1,474	1,475	1,478	1,488	1,462	
		Percent	69.5%	70.4%	70.4%	70.9%	69.2%	
Black Non-Hispanic		Number	430	416	415	410	436	
		Percent	20.2%	19.8%	19.8%	19.5%	20.6%	
Hispanic		Number	176	168	169	161	161	
		Percent	8.3%	8.0%	8.0%	7.7%	7.6%	
Other Non-Hispanic		Number	43	37	37	40	53	
		Percent	2.0%	1.8%	1.8%	1.9%	2.5%	

DEFINITIONS & SOURCES



Definitions: The three-year average number of births, by race of the mother, along with the percent of total births represented.

Data Source: Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

Footnotes: The race totals for 2007 were incorrect, especially in border counties (high counts of 'unknown' race). They were replaced by the averages for 2006 and 2008, projected to the 2007 totals.

All data for 2008-2015 were revised on 3/26/2019.

Children Ages 0-17 In Investigated Families (Number & Rate)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	248,401	249,110	262,157	270,404	205,631
	Rate	112.5	113.8	120.4	124.9	95.9
Muskegon	Number	6,493	6,454	7,432	7,125	6,163
	Rate	159.5	158.5	183.9	177.8	155.1

Why This Indicator Matters

Each reported case of abuse or neglect is investigated and categorized based on the evidence collected and the safety risk for recurrence of abuse or neglect.

DEFINITIONS & SOURCES

Definitions: These numbers reflect a count of children in families where an investigation of alleged child abuse or neglect occurred. Families may be investigated more than once in a given year and their children would be counted each time. The rate is per 1,000 children ages 0-17. Rates are suppressed with an * for counts fewer than 6.

Data Source: Michigan Department of Health and Human Services, Children's Protective Services.

Population estimates are from the Census Bureau.

Footnotes:

The numbers for Wexford and Missaukee are combined for 1998-2009. Grand Traverse and Leelanau are combined for 2003-09. Mecosta and Osceola are combined for 2001-07.

Data for 2008 were found to be unreliable and have been removed.

Data for 2010-2012, Grand Traverse, Leelanau, Missaukee and Wexford counties were revised on 3/19/20.

Children Ages 0-8 In Investigated Families (Number & Rate)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	142,706	142,819	146,680	150,467	116,666
	Rate	136.3	136.9	141.0	144.6	112.8

Muskegon	Number	3,741	3,716	4,174	4,022	3,478
	Rate	190.9	188.2	213.0	207.2	180.2

Why This Indicator Matters

Each reported case of abuse or neglect is investigated and categorized based on the evidence collected and the safety risk for recurrence of abuse or neglect.

DEFINITIONS & SOURCES

Definitions: These numbers reflect a count of children ages 0-8 in families where an investigation of alleged child abuse or neglect occurred. Families may be investigated more than once in a given year and their children would be counted each time. The rate is per 1,000 children ages 0-8. Rates are suppressed with an * for counts fewer than 6 to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Children's Protective Services.

The numbers for Wexford and Missaukee are combined for 1998-2009. Grand Traverse and Leelanau are combined for 2003-09. Mecosta and Osceola are combined for 2001-07.

Data for 2008 were found to be unreliable and have been removed.

Data for 2010-2012, Grand Traverse, Leelanau, Missaukee and Wexford counties were revised on 3/19/20.

Confirmed Victims Of Abuse And/Or Neglect, Ages 0-17 (Number & Rate)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	39,552	41,462	40,345	35,636	27,894
	Rate	17.9	18.9	18.5	16.5	13.0
Muskegon	Number	1,323	1,186	1,277	1,006	872
	Rate	32.5	29.1	31.6	25.1	21.9

Why This Indicator Matters

Experiencing abuse or neglect as a child is one adverse childhood experience (ACE) that hinders healthy development and outcomes in adulthood.

DEFINITIONS & SOURCES

Definitions: These numbers reflect a count of children in a given fiscal year where alleged abuse or neglect is confirmed after an investigation. Children may be counted twice if there was evidence of two separate cases of abuse found. The rate is per 1,000 children ages 0-17. Rates are suppressed with an * for counts fewer than 6 to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Children's Protective Services.

Population estimates are from the Census Bureau.

Footnotes:

The numbers for Wexford/Missaukee are combined for 1998-2009. Grand Traverse/Leelanau are combined from 2003-09. Mecosta and Osceola are combined for 2001-07. In 1999 numbers for Alger/Marquette and Houghton/Keweenaw were combined.

Data for 2008 were found to be unreliable and have been removed.

Detroit and Flint data for 2017 were revised on 4/18/2019.

Data for 2010-2012, Grand Traverse, Leelanau, Missaukee and Wexford counties were revised on 3/19/20. Data for 2010, Presque Isle county was also revised.

Confirmed Victims Of Abuse And/Or Neglect, Ages 0-8 (Number, Rate & Percent)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	26,453	27,991	26,500	22,266	17,582
	Rate	25.3	26.8	25.5	21.4	17.0
Muskegon	Number	886	820	845	631	512
	Rate	45.2	41.5	43.1	32.5	26.5

Why This Indicator Matters

Experiencing abuse or neglect as a child is one adverse childhood experience (ACE) that hinders healthy development and outcomes in adulthood.

DEFINITIONS & SOURCES



Definitions: The number is a count of children ages 0-8 who were confirmed victims of abuse or neglect. Children may be counted twice if there was evidence of two separate cases of abuse found. The rate is per 1,000 children ages 0-8. Rates are suppressed with an * for counts fewer than 6 to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Children's Protective Services.

Population estimates are from the Census Bureau.

Footnotes:

The numbers for Wexford/Missaukee are combined for 1998-2009. Grand Traverse/Leelanau are combined from 2003-09. Mecosta and Osceola are combined for 2001-07. In 1999 numbers for Alger/Marquette and Houghton/Keweenaw were combined.

Data for 2008 were found to be unreliable and have been removed.

Detroit and Flint data for 2017 were revised on 4/18/19.

Data for 2010-2012, Grand Traverse, Leelanau, Missaukee and Wexford counties were revised on 3/19/20. Data for 2010, Presque Isle county was also revised.

Confirmed Victims Of Abuse And/Or Neglect, Ages 0-5 (Number & Rate)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	20,281	21,579	20,308	16,290	12,971
	Rate	29.5	31.3	29.5	23.7	19.0
Muskegon	Number	652	620	635	456	378
	Rate	51.1	48.1	49.5	35.8	29.8

Why This Indicator Matters

Experiencing abuse or neglect as a child is one adverse childhood experience (ACE) that hinders healthy development and outcomes in adulthood.

DEFINITIONS & SOURCES

Definitions: The count is of confirmed victims ages 0-5. Children may be counted twice if there was evidence of two separate cases of abuse found. The rate is the number per 1,000 children ages 0-5. Rates are suppressed with an * for counts fewer than 6 to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Children's Protective Services.

Population estimates are from the Census Bureau.

Footnotes:

The numbers for Wexford/Missaukee are combined for 1998-2009. Grand Traverse/Leelanau are combined from 2003-09. Mecosta and Osceola are combined for 2001-07. In 1999 numbers for Alger/Marquette and Houghton/Keweenaw were combined.

Data for 2008 were found to be unreliable and have been removed.

Data for 2010-2012, Grand Traverse, Leelanau, Missaukee and Wexford counties were revised on 3/19/20. Data for 2010, Presque Isle county was also revised.

Children Ages 0-17 In Out Of Home Care-Abuse Or Neglect (Number & Rate)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	10,512	11,209	11,531	10,892	10,023
	Rate	4.8	5.1	5.3	5.0	4.7
Muskegon	Number	312	343	341	386	340
	Rate	7.7	8.4	8.4	9.6	8.6

Why This Indicator Matters

Children are removed from their families and placed in a foster home, relative care, residential care or shelter following substantiated abuse or neglect. This also has an adverse effect on health, development and outcomes into adulthood.

DEFINITIONS & SOURCES

Definitions: The number represents child victims of abuse or neglect placed in active out-of-home placements, such as a foster or relative home, court-ordered fictive kin, residential or shelter care supervised by the Department of Health and Human Services, its agents or the courts.

Location is based on the location of the court rather than the child's residence. The data are from a single month (September) in the reference years. Due to availability of population data at the time of release, rates are based on the population of the previous calendar year. The rate is per 1,000 children ages 0-17. Rates are suppressed with an * for counts fewer than 6 to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Health and Welfare Data Center, Children's Protective Services Management Special Report. Population estimates are from the Census Bureau.

Footnotes:

Data for 2008 were found to be unreliable and have been removed.

Data for 2010-2012, Missaukee and Wexford counties were revised on 3/19/20.

Children Ages 0-8 In Out Of Home Care-Abuse Or Neglect (Number & Rate)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	7,038	7,522	7,735	7,279	6,626
	Rate	6.7	7.2	7.4	7.0	6.4
Muskegon	Number	211	223	218	254	221
	Rate	10.8	11.3	11.1	13.1	11.5

Why This Indicator Matters

Children are removed from their families and placed in a foster home, relative care, residential care or shelter following substantiated abuse or neglect. This also has an adverse effect on health, development and outcomes into adulthood.

DEFINITIONS & SOURCES

Definitions: The number represents child victims of abuse or neglect placed in active out-of-home placements, such as a foster or relative home, court-ordered fictive kin, residential or shelter care supervised by the Department of Health and Human Services, its agents or the courts.

Location is based on the location of the court rather than the child's residence. The data are from a single month (September) in the reference years. Due to availability of population data at the time of release, rates are based on the population of the previous calendar year. The rate is per 1,000 children ages 0-8. Rates are suppressed with an * for counts fewer than 6 to maintain reliability.

Data Source: Michigan Department of Health and Human Services, Health and Welfare Data Center, Children's Protective Services Management Special Report. Population estimates are from the Census Bureau.

Footnotes: Data for 2008 were found to be unreliable and have been removed.

Data for 2010-2012, Missaukee and Wexford counties were revised on 3/19/20.

Children Ages 0-5 In Out Of Home Care-Abuse Or Neglect (Number & Rate)

Location	Data Type	2016	2017	2018	2019	2020
Michigan	Number	5,518	5,891	6,042	5,701	5,249
	Rate	8.0	8.6	8.8	8.3	7.7
Muskegon	Number	169	177	169	193	176
	Rate	13.2	13.7	13.2	15.1	13.9

Why This Indicator Matters

Children are removed from their families and placed in a foster home, relative care, residential care or shelter following substantiated abuse or neglect. This also has an adverse effect on health, development and outcomes into adulthood.

DEFINITIONS & SOURCES



Definitions: The number represents child victims of abuse or neglect placed in active out-of-home placements, such as a foster or relative home, court-ordered fictive kin, residential or shelter care supervised by the Department of Health and Human Services, its agents or the courts.

Location is based on the location of the court rather than the child's residence. The data are from a single month (September) in the reference years. Due to availability of population data at the time of release, rates are based on the population of the previous calendar year. The rate is per 1,000 children ages 0-5. Rates are suppressed for counts fewer than 6.

Data Source: Michigan Department of Health and Human Services, Health and Welfare Data Center, Children's Protective Services Management Special Report. Population estimates are from the Census Bureau.

Footnotes: Data for 2008 were found to be unreliable and have been removed.

Data for 2010-2012, Missaukee and Wexford counties were revised on 3/19/20.

Confirmed Victims 0-17, By Race (New) (Number & Rate)

Location	Race	Data Type	2016	2017	2018	2019	2020
Michigan	Black or African American	Number	9,970	11,354	10,450	9,254	7,654
		Rate	25.1	28.8	26.7	23.8	19.8
	American Indian or Alaska Native	Number	165	166	139	106	96
		Rate	9.1	9.3	7.9	6.1	5.5

	Asian or Pacific Islander	Number	125	125	104	125	81	
		Rate	1.6	1.6	1.3	1.5	1.0	
	Hispanic or Latino	Number	2,917	2,867	3,020	2,689	1,997	
		Rate	16.3	15.9	16.7	14.7	11.0	
	Total	Number	39,552	41,462	40,345	35,636	27,894	
		Rate	17.9	18.9	18.5	16.5	13.0	
	Unknown	Number	1,904	371	387	57	100	
		Rate	NA	NA	NA	NA	NA	
	White, Not Hispanic or Latino	Number	21,116	22,677	22,495	20,175	15,395	
		Rate	13.8	14.9	14.9	13.5	10.4	
	Two or more races	Number	3,366	3,902	3,750	3,230	2,621	
		Rate	NA	NA	NA	NA	NA	
	Muskegon	Black or African American	Number	320	322	352	257	216
			Rate	39.5	40.3	44.3	32.8	27.6
American Indian or Alaska Native		Number	2	1	0	1	2	
		Rate	*	*	*	*	*	
Asian or Pacific Islander		Number	1	1	0	0	1	
		Rate	*	*	*	*	*	
Hispanic or Latino		Number	91	88	71	49	50	
		Rate	23.9	21.9	17.9	12.3	12.9	
Total		Number	1,323	1,186	1,277	1,006	872	
		Rate	32.5	29.1	31.6	25.1	21.9	
Unknown		Number	46	8	14	0	1	
		Rate	NA	NA	NA	NA	NA	
White, Not Hispanic or Latino		Number	765	649	700	573	486	
		Rate	27.3	23.2	25.2	20.8	17.8	
Two or more races		Number	98	117	140	126	117	
		Rate	NA	NA	NA	NA	NA	

DEFINITIONS & SOURCES



Definitions: The number is a count of confirmed victims ages 0-17, by race. Children may be counted twice if there was evidence of two separate cases of abuse found.

The rate is per 1,000 population ages 0-17 for the defined race group.

The defined populations by race are not available for Detroit and Flint. Populations for children of two or more races are also not available. Rates for Detroit, Flint, and children of two or more races are listed as "NA."

Data Source: Michigan Department of Health and Human Services, Children's Protective Services.

Footnotes: Rates are suppressed with an * if the count of child victims is fewer than 6 for statistical reliability purposes.

2017 data for "two or more races" were revised on 4/19/2019.

Confirmed Victims Of Abuse And/Or Neglect Ages 0-17, By Race (Old) (Number & Rate)

Location	Race	Data Type	2009	2010	2011	2012	2013	
Michigan	Total	Number	NA	32,504	33,438	33,565	33,807	
		Rate	12.9	13.9	14.3	14.6	14.9	
	White incl. Hisp.	Number	20,588	22,462	23,415	23,954	23,880	
		Rate	11.1	12.5	13.0	13.6	13.7	
	Black incl. Hisp.	Number	9,471	9,468	9,346	8,842	9,291	
		Rate	21.3	21.4	21.1	20.5	21.9	
	Native incl. Hisp.	Number	260	218	260	290	257	
		Rate	12.5	8.1	9.7	11.1	9.9	
	Other incl. Hisp.	Number	480	356	417	479	379	
		Rate	6.9	4.9	5.7	6.5	5.0	
	Muskegon	Total	Number	NA	906	1,160	1,115	978
			Rate	16.7	21.2	27.1	26.7	23.7
White incl. Hisp.		Number	473	616	788	814	678	
		Rate	13.8	18.7	23.9	25.3	21.3	
Black incl. Hisp.		Number	245	280	358	286	294	
		Rate	30.1	31.7	40.6	33.2	34.8	
Native incl. Hisp.		Number	1	5	5	7	2	
		Rate	*	*	*	12.9	*	
Other incl. Hisp.		Number	0	5	9	8	4	
		Rate	*	*	22.5	18.2	*	

DEFINITIONS & SOURCES



Definitions: The number is an unduplicated count of confirmed victims ages 0-17, by race. Ethnicity is not specified; each race group includes Hispanics and non-Hispanics.

The rate is per 1,000 population ages 0-17 for the defined race group.

The defined populations by race are not available for Detroit; Detroit has counts of victims but no rates.

Data Source: Michigan Department of Health and Human Services, Children's Protective Services.

Footnotes:

The FY2014 and FY2015 data are not displayed due to a large number of 'unknown' or blank race codes. Unknown race accounted for only 1% of all victims during FY09-FY13, but increased to 9.7% in FY14 and 15.4% in FY15.

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