

# Data Definitions & Notes

**Please note that trends over time are not tested for statistical significance.**

**Rates:** Except where noted, rates are calculated when incidents total more than five. Three years of data are used to calculate an average annual rate for most health indicators because they are less likely to be distorted compared to rates based on single-year numbers. This three-year averaging also allows rates to be calculated for many counties with small populations. Rates based on small numbers of events and small populations can vary dramatically and are not statistically reliable for projecting trends or understanding local impact.

**Rate Changes:** Rate change is calculated by dividing the difference between the recent and base year rates by the base year rate:  $(\text{recent rate} - \text{base rate}) / \text{base rate}$ . The calculation is based on unrounded rates because calculations using rounded rates may not produce identical results. Trend changes are indicated by the color-coded dots to be improving, worsening, or no change. An indicator is determined to have no change if the percentage change is less than +/-1% change from zero. Change is not calculated if a rate is suppressed for one or both years. Changes in some indicators, such as victims of abuse or neglect, may reflect state or local policy changes or staffing levels.

## Populations

*Definition:* The population by age and race.

*Notes:* The estimates use a model that incorporates information on natural changes such as births and deaths and net migration. Estimates are as of July 1 each year for the state of Michigan and all counties. Prior year's estimates are not updated. The 2020 single-year data from the American Community Survey (ACS) are not used by recommendation from the U.S. Census Bureau due to the impact of the COVID-19 pandemic on data collection. Therefore, population data by age group for 2020 city-level data are estimated using 2019 ACS proportions with 2020 Census population totals.

*Sources:* National Center for Health Statistics (NCHS), Bridged-Race Population Estimates, United States July 1 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.

## Economic Security

### Children in poverty, ages 0-17

*Definition:* The number of children living in families whose income in the past twelve months was below 100% of the federal poverty level in 2010 and 2020. The percentage is based on the total number of children ages 0-17 during that period. For 2020 city-level data, the U.S. Census Bureau did not release its standard 1-year estimates from the 2020 American Community Survey (ACS) because of the impact of the COVID-19 pandemic on data collection. Therefore, these data are unable to be updated, and 2019 city data are reported again this year.

*Sources:* U.S. Census Bureau, Small Area Income and Poverty Estimates. Detroit, Flint, and Grand Rapids are from the American Community Survey, 1-Year Estimates, Table B17001.

### Young adults in poverty, ages 18-24

*Definition:* The five-year average number of 18- to 24-year-olds with income in the past 12 months below 100% of the federal poverty level in 2006-2010 and 2016-2020. The percentage is based on the total number of 18- to 24-year-olds during that period.

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

### Households in poverty & ALICE

*Definition:* All people who are in households that are either below 100% of the federal poverty level or determined to be Asset Limited, Income Constrained, Employed (ALICE) in 2010 and 2019. The percentage is based on the total population during that period.

*Notes:* 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. In 2019, ALICE underwent methodology changes that were applied to all data, resulting in changes to past and current year counts. Data for 2010 and 2019 were correct in the 2021 profiles and Data Book at time of publication. To learn more about the ALICE methodology, visit: <https://www.unitedforalice.org/methodology>.

*Sources:* United for Alice, 2021.

## Economic Security, cont.

### Free and reduced-price lunch, K-12

*Definition:* K-12 students (including ungraded special education students) from families who are eligible to receive free or reduced-price lunch in school year 2021-2022. The percentage is based on total enrollment of K-12 public school students for the school year.

*Notes:* According to Michigan's Center for Educational Performance and Information, "starting in Fall 2017, the eligibility (direct certification) of students for free or reduced-price lunch was expanded to include students who were eligible for Medicaid. This expansion resulted in a significant increase in the number of students eligible for free meals, and a decrease in the number of students eligible for reduced-priced meals. Overall, there was a significant increase in the number of students eligible for free or reduced-price meals compared to Fall 2016, thus increasing the number of economically disadvantaged students."

*Sources:* Michigan's Center for Educational Performance and Information, Free and Reduced Lunch Counts.

### Subsidized child care, ages 0-12

*Definition:* The number of children ages 0-12 in child care for whom subsidy payments were made from the state in December 2021. The percentage is based on the estimated population of children ages 0-12.

*Notes:* In 2021, most families qualified with earned income below 150% of the poverty level. Since population data was not available at the time of release, the percentage is based on the population of the previous calendar year.

*Sources:* Michigan Department of Health and Human Services, Child Development and Care Program, Assistance Payment Statistics, Table 69.

### Cash assistance (FIP), ages 0-18

*Definition:* The number reflects child recipients aged 0-18 in the Family Independence Program (FIP) in December 2021. The percentage is based on the estimated population of children ages 0-18.

*Notes:* Families with minor children qualify by having very low income and assets less than \$15,000 as of December 1, 2021. Children in families receiving extended FIP are not included. Since population data was not available at the time of release, the percentage is based on the population of the previous calendar year. Multiple data requests to MDHHS for FIP city-level data have gone unanswered. Therefore, data for the cities of Detroit, Flint, Grand Rapids, and the Out-Wayne region are not reported.

*Sources:* Michigan Department of Health and Human Services, Assistance Payments Statistics, Table 67.

### Food assistance (FAP), ages 0-18

*Definition:* The number reflects child recipients aged 0-18 in the Food Assistance Program (FAP), also known as the Supplemental Nutrition Assistance Program (SNAP), in December 2021. The percentage is based on the estimated population of children ages 0-18.

*Notes:* Families qualify with income below 200% of the poverty level. Since population data was not available at the time of release, the percentage is based on the population of the previous calendar year. Multiple data requests to MDHHS for FAP city-level data have gone unanswered. Therefore, data for the cities of Detroit, Flint, Grand Rapids, and the Out-Wayne region are not reported.

*Sources:* Michigan Department of Health and Human Services, Assistance Payments Statistics, Table 68.

### Women, Infants, and Children (WIC), ages 0-4

*Definition:* The number of children ages 0-4 who were enrolled in the Women, Infants, and Children (WIC) program during calendar year 2020. The percentage is based on the estimated population of children ages 0-4.

*Notes:* Since population data was not available at the time of release, the percentage is based on the population of the previous calendar year.

*Sources:* Michigan Department of Health and Human Services, Michigan WIC Program.

### Supplemental Security Income, ages 0-18

*Definition:* The number of children ages 0-18 receiving Supplemental Security Income (SSI) as of December 2021. SSI is a Social Security Administration program of cash and medical assistance for elderly people with low incomes and individuals with disabilities, including children. The rate is per 1,000 children ages 0-18.

*Notes:* Since population data was not available at the time of release, the percentage is based on the population of the previous calendar year.

*Sources:* Michigan Department of Health and Human Services.



## Economic Security, cont.

### Any amount of child support received

*Definition:* The number of children who received any amount of the support payments that were owed during the fiscal year 2021 (October 2020 to September 2021). The percentage is based on the total number of children with support owed for at least one month during the fiscal year 2021.

*Sources:* Michigan Department of Health and Human Services, Child Support Enforcement System.

### Median household income

*Definition:* The median represents the midpoint of all household income amounts in a given year.

*Notes:* For 2020 city-level data, the U.S. Census Bureau did not release its standard 1-year estimates from the 2020 American Community Survey (ACS) because of the impact of the COVID-19 pandemic on data collection. Therefore, these data are unable to be updated, and 2019 city data are reported again this year.

*Sources:* U.S. Census Bureau and Small Area Income and Poverty Estimates (SAIPE) website. Detroit and Flint use the American Community Survey, 1-Year Estimate, Table B19013.

### Average cost of full-time child care per month/Percent of child care per month of full-time minimum wage

*Definition:* 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 2021. The percentage is based on \$9.65 an hour, the minimum wage as of January 1, 2021, working an average of 173 full-time hours per month.

*Notes:* Data are self-reported by providers and not validated by any third party. Providers have the option to report and the data source continually updates data on a rolling basis. These data should be considered estimates as not all provider cost data are included. Some counties had no providers submit cost data and are indicated by an asterisk (\*).

*Sources:* Early Childhood Investment Corporation.

### Families receiving the Earned Income Tax Credit (EITC)

*Definition:* The number of families benefiting from the Michigan Earned Income Tax Credit in 2020. EITC is a tax credit that boosts after-tax incomes for working families who have low earnings. Families with children receive a larger credit. The percentage is based on the total number of tax filers.

*Sources:* Michigan Department of Treasury.

### Families with high-cost housing

*Definition:* The number of households spending 30% or more of their income on housing costs for the five-year average of 2016-2020. The percentage is based on total households for that period.

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

## Education

### 3- and 4-year-olds in preschool

*Definition:* The number of children ages 3-4 who were enrolled in preschool for the five-year averages of 2006-2010 and 2016-2020. The percentage is based on the population for ages 3-4 during those periods. Includes nursery school and programs sponsored by federal, state or local agencies such as Head Start.

*Sources:* U.S. Census Bureau, American Community Survey 5-Year Estimates, Table S1401.

### Students graduating on time

*Definition:* The count of students who entered ninth grade in 2006 or 2017 and graduated four years later, or five years if enrolled in an Early Middle College program. The percentage is based on the cohort of students entering ninth grade in those years.

*Notes:* County totals are estimations based on district code. Some districts are excluded due to small numbers of students. Several county totals include virtual schools operated by Intermediate School Districts or school districts within the county whose students may reside in other counties, impacting on-time graduation rates. Counties most affected include Berrien, Clinton, Leelanau, Manistee and Montcalm.

*Sources:* Michigan's Center for Educational Performance and Information, Graduation and Dropout Report.

### Children receiving *Early On* services by Intermediate School District (ISD), ages 0-2

*Definition:* The number of children ages 0-2 who were enrolled in Early On in the fall of 2021. The percentage is based on the estimated three-year births for 2018-2020. These data are reported by the Intermediate School District (ISD).

*Sources:* Michigan Department of Education; MSDS Fall 2021 and School Year 2020-21 Reports; MDHHS Birth Data.

## Education, cont.

### Students in Special Education

*Definition:* The number of individuals ages 0 through 26 receiving special education services as of December 2021, except those in programs operated by state agencies. These students have been diagnosed with a mental or physical condition that qualified them for special education services. The percentage is based on total student enrollments from the Free/Reduced Lunch data file.

*Notes:* 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.

### Students who are homeless by Intermediate School District (ISD), K-12

*Definition:* The number of K-12 students who were considered homeless in School Year 2020-2021. The percentage is based on the total number of K-12 students enrolled in the ISD.

*Notes:* 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.

*Sources:* Michigan’s Center for Educational Performance and Information from MSDS Good Student Records Fall 2021.

### Third-graders proficient in English Language Arts, M-STEP

*Definition:* The number of third-graders whose performance on the M-STEP English Language Arts (ELA) test met the standard of proficiency in 2021. The percentage is based on the number of third-graders whose ELA test scores were included in the report.

*Notes:* Due to disclosure avoidance rules, districts were excluded from analysis where there were fewer than ten test-takers or where the number of students not meeting proficiency was suppressed. 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 COVID-19 pandemic, fewer students underwent testing in 2021 compared to prior years, and many school districts had additional data suppressed. Use 2021 M-STEP estimations with caution and do not compare to prior years. Testing was canceled in 2020. More detailed data for districts can be found at [mischooldata.org](https://www.mischooldata.org).

*Sources:* Michigan’s Center for Educational Performance and Information, Grade 3-8 Assessments Report.

### Eighth-graders proficient in Math, PSAT

*Definition:* The number of eighth-graders whose performance on the PSAT math test met the standard of proficiency in 2021. The percentage is based on the number of eighth-graders whose math test scores were included in the report.

*Notes:* In 2019, eighth-graders stopped using the M-STEP test and began taking the PSAT for mathematics. Due to disclosure avoidance rules, districts were excluded from analysis where there were fewer than ten test-takers or where the number of students not meeting proficiency was suppressed. 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 COVID-19 pandemic, fewer students underwent testing in 2021 compared to prior years, and many school districts had additional data suppressed. Use 2021 PSAT estimations with caution and do not compare to prior years. Testing was canceled in 2020. More detailed data for districts can be found at [mischooldata.org](https://www.mischooldata.org).

*Sources:* Michigan’s Center for Educational Performance and Information, Grade 3-8 Assessments Report.



## Education, cont.

### Students who drop out

*Definition:* The number of students in the four-year cohort entering high school in 2017 who have not graduated and either have left school permanently or whose whereabouts are unknown as of 2021. The percentage is based on the cohort of students entering ninth grade in 2017.

*Notes:* County totals are estimations based on district code. Some districts are excluded due to small numbers of students. Several county totals include virtual schools operated by Intermediate School Districts or school districts within the county whose students may reside in other counties, impacting on-time graduation rates. Counties most affected include Berrien, Clinton, Leelanau, Manistee and Montcalm.

*Sources:* Michigan's Center for Educational Performance and Information, Graduation and Dropout Report.

### Teens not in school or working, ages 16-19

*Definition:* Teens ages 16-19 who are not enrolled in school and are either unemployed or not in the labor force for the five-year average of 2016-2020.

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

## Health and Safety

### Less than adequate prenatal care

*Definition:* The three-year average number of births for 2008-2010 and 2018-2020 to mothers who received less than adequate prenatal care as defined by the Kessner Index. The Kessner Index measures the adequacy of prenatal care by the month it began, the number of prenatal visits and the length of the pregnancy. The percentage is based on total three-year average live births based on the mother's county of residence.

*Notes:* Data are collected from medical records by birth providers. Visits to alternative prenatal care providers such as midwives and doulas are reflected as long as they were documented in the medical record.

*Sources:* Michigan Department of Health and Human Services, Vital Records and Health Data Development Section.

### Infant mortality

*Definition:* The three-year average number of infants who died before their first birthday for 2008-2010 and 2018-2020. The rate is the number of infant deaths per 1,000 live births (three-year average) during the referenced periods based on the mother's county of residence.

*Sources:* Michigan Department of Health and Human Services, Vital Records and Health Data Development Section.

### Child deaths, ages 1-14

*Definition:* The number of deaths from all causes for children ages 1-14. It is an annual average for the three-year periods of 2008-2010 and 2018-2020. The rate is the number of child deaths per 100,000 children ages 1-14 (three-year average) during those periods based on the child's county of residence.

*Sources:* Michigan Department of Health and Human Services, Vital Records and Health Data Development Section.

### Teen deaths, ages 15-19

*Definition:* The number of deaths from all causes for teens ages 15-19. It is an annual average for the three-year periods of 2008-2010 and 2018-2020. The rate is the number of teen deaths per 100,000 youth ages 15-19 (three-year average) during those periods based on the child's county of residence.

*Sources:* Michigan Department of Health and Human Services, Vital Records and Health Data Development Section.

### Young adult deaths, ages 18-24

*Definition:* The number of deaths from all causes for young adults ages 18-24. It is an annual average for the three-year periods of 2008-2010 and 2018-2020. The rate is the number of young adult deaths per 100,000 young adults ages 18-24 (three-year average) during those periods based on the young adult's county of residence.

*Sources:* Michigan Department of Health and Human Services, Vital Records and Health Data Development Section.

### Children with health insurance, ages 0-18

*Definition:* The annual number and percentage estimates of children ages 0-18 insured through a public or private program in 2019. Detroit, Flint and Grand Rapids data are from the American Community Survey (single-year).

*Sources:* County, state and regional data from the U.S. Census Bureau, Small Area Health Insurance Estimates (SAHIE); Detroit, Flint and Grand Rapids use the American Community Survey, 1-Yr Estimate, Table B27001.

## Health and Safety, cont.

### Children insured by Medicaid, ages 0-18

*Definition:* The number of children ages 0-18 enrolled in Medicaid as of December 2021. The percentage is based on the estimated population of children ages 0-18.

*Notes:* Since population data was not available at the time of release, the percentage is based on the population of the previous calendar year.

*Sources:* Michigan Department of Health and Human Services.

### Low-birthweight babies

*Definition:* Low-birthweight includes those babies who weighed less than 2,500 grams (approximately 5 lb., 8 oz.) at birth. The number is an annual average for the three-year period of 2018-2020. The percentage is based on the total three-year average live births in the mother's county of residence.

*Sources:* Michigan Department of Health and Human Services, Vital Records and Health Data Development Section.

### Fully immunized toddlers, ages 19-35 months

*Definition:* The number of children ages 19-35 months who had completed the recommended childhood vaccination series schedule as of December 2021, according to the Michigan Care Improvement Registry (MCIR). The percentage is based on the population of children ages 19-35 months who were born to mothers residing in Michigan at the time of the birth.

*Notes:* Schedule 4313314 includes: four doses or more of diphtheria, tetanus and pertussis (DTaP/DTP/DT) vaccine, three doses or more of polio vaccine, one dose or more of measles, mumps and rubella (MMR) vaccine, three doses or more of haemophilus influenza type B (Hib) vaccine, three doses or more of hepatitis B vaccine, one dose or more of varicella vaccine and four doses or more of pneumococcal conjugate vaccine (PCV).

*Sources:* Michigan Department of Health and Human Services, Division of Immunization, Michigan Care Improvement Registry.

### Children tested for lead, ages 1-2

*Definition:* The number of children ages 1-2 who were tested for lead in 2020. The percentage is based on the number of children ages 1-2.

*Sources:* Michigan Department of Health and Human Services, Childhood Lead Poisoning Prevention Program.

### Children hospitalized for asthma, ages 0-14

*Definition:* The three-year average number of Michigan hospital discharges of children ages 0-14 with asthma recorded as the primary diagnosis in 2017-2019. The rate is per 10,000 children ages 0-14.

*Notes:* 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."

*Sources:* Michigan Department of Health and Human Services, Division of Epidemiology Services.

### Children with food insecurity, ages 0-17

*Definition:* 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 2019. 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.

*Notes:* County estimates were aggregated to get regional estimates, and 2019 populations for 0-17 were used to generate regional percentages. 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 change are discussed in a technical brief (<https://www.feedingamerica.org/research/map-the-meal-gap/how-we-got-the-map-data> | 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.

*Sources:* 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 2019. Feeding America, 2020.

## Health and Safety, cont.

### Mental health providers (ratio of population to provider)

*Definition:* The number of mental health providers in 2020 and the ratio of the population to mental health providers.

*Notes:* The ratio represents the number of individuals served by one mental health provider in the county or region if the population were equally distributed across providers. For example, if a county has a population of 50,000 and has 20 mental health providers, their ratio would be: 2,500:1. 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. To calculate regional ratios, county estimations for mental health providers and the population were aggregated.

*Sources:* 2020 County Health Rankings, from Centers for Medicare and Medicaid Services National Provider Identification Registry.

## Family and Community

### Births to teens

*Definition:* The three-year average number of births to mothers ages 15-19 for 2008-2010 and 2018-2020. The rate is the number of births to mothers ages 15-19 per 1,000 females ages 15-19 (three-year average) during those periods.

*Sources:* Michigan Department of Health and Human Services, Division for Vital Records and Health Statistics.

### Children in investigated families

*Definition:* Children living in families where an investigation of abuse or neglect was conducted during the fiscal years 2010 and 2021 (October 2020 to September 2021). Rates are calculated per 1,000 children ages 0-17 in their county of residence.

*Notes:* Families may be investigated more than once in a given year and their children would be counted each time. The number reflects the total for the fiscal year based on date of disposition hearing. Since population data was not available at the time of release, rates are based on the population of the previous calendar year.

*Sources:* Michigan Department of Health and Human Services, Health and Welfare Data Center, Children's Protective Services Management Special Report.

### Confirmed victims of abuse or neglect

*Definition:* Children ages 0-17 confirmed to be victims of abuse or neglect following an investigation during the fiscal years 2010 and 2021 (October 2020 to September 2021). The rate is calculated per 1,000 children ages 0-17 in their county of residence.

*Notes:* Children may be counted twice if there was evidence of two separate cases of abuse found. The number reflects the total for the fiscal year based on date of complaint. Since population data was not available at the time of release, rates are based on the population of the previous calendar year.

*Sources:* Michigan Department of Health and Human Services, Health and Welfare Data Center, Children's Protective Services Management Special Report.

### Children in out-of-home care

*Definition:* 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 for 2010 and 2021. The rate is calculated per 1,000 children ages 0-17.

*Notes:* 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. Since population data was not available at the time of release, rates are based on the population of the previous calendar year.

*Sources:* Michigan Department of Health and Human Services, Health and Welfare Data Center, Children's Protective Services Management Special Report.

### Children living in high-poverty areas

*Definition:* The five-year average number of children living in census tracts with poverty rates of 30% or higher in 2016-2020. The percentage is based on the five-year average population of children ages 0-17.

*Sources:* U.S. Census Bureau, American Community Survey 5-Year Estimates, Table S1701.



## Family and Community, cont.

### Children in families with married parents

*Definition:* The five-year average number of children ages 0-17 in married-parent families for 2016-2020. The percentage is based on the average population of children ages 0-17 for that period.

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

*Sources:* U.S. Census Bureau, American Community Survey 5-Year Estimates, Table B17006.

### Children in families with a single parent

*Definition:* The five-year average number of children ages 0-17 in single-parent families for 2016-2020. The percentage is based on the average population of children ages 0-17 for that period.

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

*Sources:* U.S. Census Bureau, American Community Survey 5-Year Estimates, Table B17006.

### Children in poverty in families with married parents

*Definition:* The five-year average number of children ages 0-17 in married-parent families living in households with incomes below 100% of the federal poverty level for 2016-2020. The percentage is based on the average population of children ages 0-17 in married-parent households for that period.

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

*Sources:* U.S. Census Bureau, American Community Survey 5-Year Estimates, Table B17006.

### Children in poverty in families with a single parent

*Definition:* The five-year average number of children ages 0-17 in single-parent families living in households with incomes below 100% of the federal poverty level for 2016-2020. The percentage is based on the average population of children ages 0-17 in single-parent households for that period.

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

*Sources:* U.S. Census Bureau, American Community Survey 5-Year Estimates, Table B17006.

### English not spoken at home, ages 5-17

*Definition:* The five-year average of children ages 5-17 living in households where English is not the language spoken at home for 2016-2020. The percentage is based on the five-year average population of children ages 5-17.

*Sources:* U.S. Census Bureau, American Community Survey 5-Year Estimates, Table B16008.

### Children with internet at home

*Definition:* The five-year average number of children ages 0-17 with internet at home for 2016-2020. The percentage is based on the five-year average population of children ages 0-17.

*Notes:* 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.

*Sources:* U.S. Census Bureau, American Community Survey 5-Year Estimates, Table B28005.

## Regional Profile Key:

Region	Counties Included
Out-Wayne	Wayne without Detroit
Southeast Michigan	Macomb, Oakland and Wayne
Upper Peninsula	Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon and Schoolcraft
West Michigan	Allegan, Kent, Muskegon and Ottawa



## County to ISD Match:

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