

# State of Flint Kids indicator information w optional Census sources



GREATER FLINT  
HEALTH COALITION

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Parameters: include indicator list: Yes; include census details: No

## **Indicator Group: Safety**

### **Indicator: Firearm deaths per 100,000 residents**

Units of measure: Rate

Measured as: Fatalities / 100,000

Source: Centers for Disease Control Wonder public health database

Link: <https://wonder.cdc.gov/ucd-icd10.html>

Notes: This indicator uses cause of death data reported to the Federal CDC by states

## **Indicator Group: Safety**

### **Indicator: Homicides per 100,000 residents**

Units of measure: Rate

Measured as: Fatalities / 100,000

Source: Centers for Disease Control Wonder public health database

Link: <http://wonder.cdc.gov/ucd-icd10.html>

Notes: This indicator uses cause of death data reported to the Federal CDC by states

## **Indicator Group: Health risk factors**

### **Indicator: Average annual controlled substance prescription doses filled by child**

Units of measure: Rate

Measured as: Average doses / child

Source: Michigan Department of Licensing and Regulatory Affairs Annual Drug Utilization Reports; Flint data are custom runs by LARA staff

Link: <https://www.michigan.gov/lara/bureau-list/bpl/health/maps/reports>

Notes: Many people taking controlled substances take one or more doses one or more times a day, every day or nearly every day, which can make the yearly average per child surprisingly large. Schedules are Federal levels of abuse risk, from 2 (highest) to 5 (lowest)

## **Indicator Group: Environment and infrastructure**

### **Indicator: Annual house demolitions in Flint**

Units of measure: Number

Measured as: Number of demolitions

Source: Flint Lead Free report

Link: <https://flintregistry.org/flint-lead-free/>

Notes: There are many vacant homes in Flint. Removing them is important for safety and quality of life

**Indicator Group: Mothers and babies**

**Indicator: Percentage of babies born prematurely**

Units of measure: Percentage

Measured as: Percent of live births

Source: Michigan Department of Health and Human Services vital statistics reporting

Link: <https://vitalstats.michigan.gov/osr/chi/births14/frameBxChar.html>

Data notes: For raw data on the website, choose indicators by race and age, then Preterm.

Notes: Premature birth is linked with a number of physical consequences as well as increased risk of disabilities such as intellectual impairments and learning disabilities

**Indicator Group: Mothers and babies**

**Indicator: Live births per 1,000 females 15-19 years old**

Units of measure: Rate

Measured as: Live births per 1000 females in the age range

Source: Michigan Department of Health and Human Services vital statistics reporting

Link: <https://vitalstats.michigan.gov/osr/chi/births14/frameBxChar.html>

Data notes: To see data in the source, choose Indicators by Race and Age, then Live births by Race and age.

Notes: There are a small number of births to females aged less than fifteen, typically fewer than 10 annually, county wide. These are not included here

**Indicator Group: Mothers and babies**

**Indicator: Percentage of births to mothers who smoked during pregnancy**

Units of measure: Percentage

Measured as: Percent of live births

Source: Michigan Department of Health and Human Services vital statistics reporting

Link: <https://vitalstats.michigan.gov/osr/chi/births14/frameBxChar.html>

Data notes: To view the data, choose "Birth Characteristics" at top left.

Notes: Smoking during pregnancy can lead to lung and brain effects as well as other impacts on babies

**Indicator Group: Environment and infrastructure**

**Indicator: Change in 5 year average temperature since 1970**

Units of measure: Rate

Measured as: Average temperature change since 1970

Source: NOAA (National Oceanic and Atmospheric Administration)

Link: [https://www.ncei.noaa.gov/access/monitoring/climate-at-a-glance/county/time-series/MI-049/tavg/60/1/1895-2023?base\\_prd=true&begbaseyear=1901&endbaseyear=2000](https://www.ncei.noaa.gov/access/monitoring/climate-at-a-glance/county/time-series/MI-049/tavg/60/1/1895-2023?base_prd=true&begbaseyear=1901&endbaseyear=2000)

Notes: Changes in the climate affect plant and animal life, impact the type and intensity of storms, and drive changes in water levels, among other effects. These changes and their impact on Flint's children will intensify over time. Monitoring environmental changes is one step in finding ways to control them

**Indicator Group: Economy**

**Indicator: Percentage of children living below the poverty level**

Units of measure: Percentage

Measured as: Percent of children

Source: B17001 POVERTY STATUS IN THE PAST 12 MONTHS BY SEX BY AGE; also race breakouts B17001A and B17001B

Link: <https://data.census.gov/table?q=b17001>

Notes: Poverty is, of course, linked to many health, education, employment and other effects

**Indicator Group: Health risk factors**

**Indicator: Percentage of residents 0-18 years old with no health insurance**

Units of measure: Percentage

Measured as: Percent of children

Source: B27001: HEALTH INSURANCE COVERAGE STATUS BY SEX BY AGE; also race breakouts C27001A and C27001B

Link: <https://data.census.gov/table?q=B18135>

Notes: The indicator includes all kinds of insurance, public and private. Note that 18-year-olds are included

**Indicator Group: Education**

**Indicator: Percentage of children age 3-4 in preschool**

Units of measure: Percentage

Measured as: Percent of children

Source: US Census table B14003: SEX BY SCHOOL ENROLLMENT BY TYPE OF SCHOOL BY AGE FOR THE POPULATION 3 YEARS AND OVER

Link: <https://data.census.gov/table?q=b14003>

Notes: There is good evidence that preschool can improve later performance in school. There is also some evidence that it can be related to better health and even higher income later in life

**Indicator Group: Safety**

**Indicator: Children per 1,000 who were placed in foster or residential care due to abuse and/or neglect**

Units of measure: Rate

Measured as: Children per 1000

Source: Annie E. Casey Foundation Kids Count Data Center

Link: <https://datacenter.aecf.org/data/tables/1684-children-ages-birth-to-17-in-out-of-home-care-abuse-or-neglect>

Data notes: Flint-specific data are only available starting in 2021.

Notes: Abuse and neglect can have a wide range of emotional, social, physical, and even neurological effects on children. Although it may be necessary, foster care can have further effects on children's mental health and ability to form healthy relationships

**Indicator Group: Health status**

**Indicator: Rate of chlamydia infections / 100,000 population of 15-19 year-olds**

Units of measure: Rate

Measured as: Infections / 100,000

Source: Michigan Department of Health and Human Services vital statistics reporting

Link: <https://vitalstats.michigan.gov/osr/chi/std/frame.html>

Notes: As with gonorrhea, Genesee County's rate of chlamydia in teens is far above the state average

b> Indicator Group: Demographics

**Indicator: Percentage of children identified as having a disability**

Units of measure: Percentage

Measured as: Percent of children

Source: US Census table S1810: Disability Characteristics

Link: <https://data.census.gov/table?q=S1810>

Notes: The Census identifies a disability as a "yes" response to questions about difficulty in any of six areas. This definition is substantially different from those used by state and federal agencies and private insurers

**Indicator Group: Safety**

**Indicator: Rate of confirmed cases of abuse / neglect per 1000 children**

Units of measure: Rate

Measured as: Children per 1000

Source: Annie E. Casey Foundation Kids Count Data Center

Link: <https://datacenter.aecf.org/data/tables/1676-confirmed-victims-of-abuse-and-or-neglect-ages-birth-to-17>

Notes: Abuse and neglect can have a wide range of emotional, social, physical, and even neurological effects on children

**Indicator Group: Safety**

**Indicator: Number of deaths per 100,000 population, age 1-19 (by 5-year period)**

Units of measure: Rate

Measured as: Deaths / 100,000 averaged over a five-year period

Source: Custom data run from MDHHS

Link: (none available)

Notes: Causes are only reported where the numbers are large enough for the state to include them while protecting identity

**Indicator Group: Economy**

**Indicator: Percentage of families in poverty**

Units of measure: Percentage

Measured as: Percent of families

Source: US Census table S1702: POVERTY STATUS IN THE PAST 12 MONTHS OF FAMILIES

Link: <https://data.census.gov/table?q=S1702>

Notes: The Census bureau determines the poverty level used by many Federal and other agencies

**Indicator Group: Health status**

**Indicator: Rate of gonorrhea infections / 100,000 population of 15-19 year-olds**

Units of measure: Rate

Measured as: Infections / 100,000

Source: Michigan Department of Health and Human Services vital statistics reporting

Link: <https://vitalstats.michigan.gov/osr/chi/std/frame.html>

Notes: This indicator is particularly important because Genesee County has had a high rate of gonorrhea for several years

**Indicator Group: Education**

**Indicator: High school dropout rate by 5 years after starting high school**

Units of measure: Percentage

Measured as: Percent of students

Source: Michigan school data reporting: MISchoolData.org

Link: <https://www.mischooldata.org/graddropout-rate/>

Notes: The rate dropping out within 4 years after graduation is more commonly used than our 5-year rate, but an extra year may more realistically measure the situation for students who have encountered more difficulties in life, as teens may in Flint

**Indicator Group: Safety**

**Indicator: Infant mortality: deaths / 1000 infants under one year old**

Units of measure: Rate

Measured as: Deaths / 100,000 infants before they are one year old

Source: Michigan Department of Health and Human Services vital statistics reporting

Link: <https://vitalstats.michigan.gov/osr/InDxMain/AllCoTbl.asp>

Notes: The rate of infant mortality - children under one year old - is consistently far higher for Black infants than those of other races, not just in Flint but statewide

**Indicator Group: Protective factors**

**Indicator: Number of Lead Safe Home Program abatements**

Units of measure: Number

Measured as: Number of completed abatements

Source: Flint Lead Free Report

Link: <https://www.flintregistry.org/flint-lead-free/>

Notes: The Lead Safe Home Program helps families identify and remove lead hazards from homes. It has grown over time and is now available in many areas statewide. Information and links to applications are at <https://www.michigan.gov/mileadsafe/lead-service>

b>Indicator Group: Demographics

**Indicator: Local population**

Units of measure: Number

Measured as: Population

Source: U.S Census American Community Survey table B01001

Link: <https://data.census.gov/table?q=b01001>

Notes: In "Multi Location Trends", locations with large values can make other locations' charts tiny. So for indicators like Population, it can sometimes be useful to compare patterns between locations by switching back and forth between locations on the "One Location Trend" tab instead. Due to a flaw in Census measurement, population estimates for Flint and possibly other areas with many vacant houses may be high between decades with full Censuses

b>Indicator Group: Demographics

**Indicator: Percent of households where all members have limited English ability**

Units of measure: Percentage

Measured as: Percent of households

Source: U.S Census American Community Survey table 16002

Link: <https://data.census.gov/table?q=B16002>

Data notes: The Census defines a household as two or more related people living together.

Notes: Lack of older family members with good English can make it hard to communicate with schools, work with doctors and medical facilities, communicate with law enforcement, and deal with other public and private resources

**Indicator Group: Mothers and babies**

**Indicator: Percentage of babies born with low birth weight**

Units of measure: Percentage

Measured as: Percent of births

Source: Michigan Department of Health and Human Services vital statistics reporting

Link: <https://vitalstats.michigan.gov/osr/chi/births14/frameBxChar.html>

Notes: Low birth weight is a risk factor for a number of health problems, as well as difficulties in school and other areas. These data are based on three-year averages, with the latest year listed

**Indicator Group: Economy**

**Indicator: Median monthly cost for housing**

Units of measure: Money

Measured as: 50th percentile of \$ per month

Source: US Census American Community Survey table S2503: FINANCIAL CHARACTERISTICS

Link: <https://data.census.gov/table?q=S2503>

Notes: Cost per month includes things like utilities as well as rent/mortgage

**Indicator Group: Economy**

**Indicator: Median annual family income**

Units of measure: Money

Measured as: 50th percentile of \$ per year

Source: US Census table S1903: MEDIAN INCOME IN THE PAST 12 MONTHS (IN 2021 INFLATION-ADJUSTED DOLLARS)

Link: <https://data.census.gov/table?q=s1903>

Notes: Includes all sources of income for a famil

**Indicator Group: Protective factors**

**Indicator: Number of residents supported with CHAP navigation services to care**

Units of measure: Number

Measured as: Distinct residents receiving support

Source: Greater Flint Health Coalition program data

Link: (none available)

Notes: The Community Health Access Program (CHAP) is a collaborative, community-based medical home improvement model intended to improve the health outcomes of individuals covered by Medicaid insurance (specifically children), while raising the quality of care, better utilizing resources, and decreasing costs

**Indicator Group: Health risk factors**

**Indicator: Number of students identified as homeless**

Units of measure: Number

Measured as: Number of students

Source: Michigan school data reporting: MISchoolData.org

Link: <https://www.mischooldata.org/homeless-enrollment-data-files/>

Notes: This number is different from the "Point in Time" count, because it identifies students who were known to be homeless by the school, at any time in the year

**Indicator Group: Protective factors**

**Indicator: Number of nutrition prescriptions distributed**

Units of measure: Number

Measured as: Number of prescriptions

Source: Greater Flint Health Coalition program data

Link: (none available)

Notes: The produce prescription program enables physicians to prescribe healthy nutrition, currently with a \$15 value, at every clinic visit

**Indicator Group: Health risk factors**

**Indicator: Number of homeless children in the Federal one-day count**

Units of measure: Number

Measured as: Number of children

Source: HUD Family Homelessness Report

Link: <https://www.hudexchange.info/programs/coc/coc-homeless-populations-and-subpopulations-reports/>

Notes: The annual Federal Point In Time Count counts homeless people on one day during the year. Included is the number of homeless children under age 18, both in families and on their own. It may miss homeless people not in shelters, and it does not count those who have been temporarily taken in in the home of a friend or relative

**Indicator Group: Protective factors**

**Indicator: Percentage of toddlers aged 19-35 months with standard immunizations**

Units of measure: Percentage

Measured as: Percentage with immunizations

Source: Michigan Care Improvement Registry immunization data

Link: <https://www.mcir.org/providers/local-health-departments-lhd/county-data/>

Notes: This indicator reports the rate of toddlers who are up to date on the standard set of seven vaccines. This includes vaccines for diphtheria; tetanus; pertussis (whooping cough); polio; influenza (flu) B; hepatitis B; and one vaccine for measles, mumps and rubella (German measles) all together. DHHS reports monthly rates. This indicator uses the December numbers

**Indicator Group: Education**

**Indicator: Percentage of adults 25 or older with at least a high school diploma**

Units of measure: Percentage

Measured as: Percentage of 25+ year olds

Source: US Census table S1501: EDUCATIONAL ACHIEVEMENT

Link: <https://data.census.gov/table?q=S1501>

Notes: Values for this indicator don't change much over time, so you will see some flat, or only slightly "bumpy" lines on the graphs

**Indicator Group: Environment and infrastructure**

**Indicator: Percentage of households with broadband internet**

Units of measure: Percentage

Measured as: Percent of households

Source: American Survey tables B28008, B28009A, and B28009B: PRESENCE OF A COMPUTER AND TYPE OF INTERNET SUBSCRIPTION IN HOUSEHOLD

Link: <https://data.census.gov/table?q=b28008>

Data notes: The Census defines a household as two or more related people living together.

Notes: Broadband internet is increasingly important for education, personal business, and communication, as well as entertainment

**Indicator Group: Environment and infrastructure**

**Indicator: Percentage of households without any type of phone service**

Units of measure: Percentage

Measured as: Percent of households

Source: American Community Survey table S2504: PHYSICAL HOUSING CHARACTERISTICS OF OCCUPIED HOUSING UNITS

Link: <https://data.census.gov/table?q=s2504>

Notes: This indicator measures phone service of any kind, including "cell phones, land lines, or other phone devices." The indicator's definition was broadened and clarified in 2019, so earlier data are not compatible

**Indicator Group: Environment and infrastructure**

**Indicator: Percentage of occupied housing units without complete kitchen facilities**

Units of measure: Percentage

Measured as: Percent of housing units

Source: American Community Survey tables B25053, TENURE BY KITCHEN FACILITIES; and b25054, KITCHEN FACILITIES BY MEALS INCLUDED IN RENT, discounting renters for whom meals are included in rent

Link: <https://data.census.gov/table?q=b25053>

Data notes: The Census defines a housing unit as a place where at least one person is living.

Notes: The Census identifies a housing unit as having a kitchen when it has a sink with a faucet; a stove or range; and a refrigerator

**Indicator Group: Environment and infrastructure**

**Indicator: Percentage of occupied housing units without complete plumbing facilities**

Units of measure: Percentage

Measured as: Percent of housing units

Source: American Community Survey S2504, Physical Housing Characteristics for Occupied Housing Units

Link: <https://data.census.gov/table?q=S2504>

Data notes: The Census defines a housing unit as a place where at least one person is living.

Notes: The Census identifies a housing unit as having complete plumbing facilities when it has hot and cold running water, a flush toilet, and a bathtub or shower

**Indicator Group: Protective factors**

**Indicator: Percentage of Medicaid children with at least 1 dental service annually**

Units of measure: Percentage

Measured as: Percent of children

Source: Michigan Department of Health and Human Services oral health dashboard

Link: <https://www.michigan.gov/mdhhs/keep-mi-healthy/communicablediseases/epidemiology/chronicepi/oral-health-epidemiology/>

Data notes: The report website's name may vary by year. It can be found in the Data Dashboards section of the web page.

Notes: Dental care helps prevent discomfort related to cavities and helps children's adult teeth to be healthy. There is also some evidence that it might be related to reducing some non-dental diseases in adulthood



**Indicator Group: Mothers and babies**

**Indicator: Percentage of mothers who received prenatal care during the first trimester**

Units of measure: Percentage

Measured as: Percent of mothers

Source: Michigan Department of Health and Human Services vital statistics reporting

Link: <https://vitalstats.michigan.gov/osr/chi/births14/frameBxChar.html>

Data notes: Data are accessible on the website by choosing birth Characteristics at left.

Notes: Early prenatal care can help prevent and control health problems for both the mother and the infant

**Indicator Group: Mothers and babies**

**Indicator: Percentage of newborns who successfully began breastfeeding in the hospital**

Units of measure: Percentage

Measured as: Percent of newborns

Source: Michigan Department of Health and Human Services vital statistics reporting. Breastfeeding data are based on the birth certificate, so they only reflect what happened while in the hospital.

Link: <https://vitalstats.michigan.gov/osr/chi/births14/frameBxChar.html>

Data notes: Data are accessible on the website by choosing birth Characteristics at left.

Notes: Breastfeeding carries a number of benefits for the baby as well as the mother. This indicator reports data based only on the birth certificate. Many babies may have trouble at first but start breastfeeding later, after going home

**Indicator Group: Protective factors**

**Indicator: Percentage of teens aged 13-17 with standard immunizations**

Units of measure: Percentage

Measured as: Percent of teens

Source: Michigan Care Improvement Registry

Link: <https://www.mcir.org/providers/local-health-departments-lhd/county-data/>

Notes: DHHS reports monthly rates. This indicator uses the December numbers

**Indicator Group: Health risk factors**

**Indicator: Percentage of children with exemptions from required school vaccines (by school year)**

Units of measure: Percentage

Measured as: Percent of K and 7th graders

Source: Michigan DHHS school immunization data

Link: [https://www.michigan.gov/mdhhs/0,5885,7-339-73971\\_4911\\_4914\\_68361-335711--,00.html](https://www.michigan.gov/mdhhs/0,5885,7-339-73971_4911_4914_68361-335711--,00.html)

Notes: State data includes Kindergarten, 7th grade, and new entrants into school systems. The report uses Kindergarten and 7th grade data summed. New entrants data are not included because data may be affected by students' previous districts

**Indicator Group: Protective factors**

**Indicator: Percentage of children with all vaccinations required for school**

Units of measure: Percentage

Measured as: Percent of students

Source: Michigan DHHS school immunization data

Link: [https://www.michigan.gov/mdhhs/0,5885,7-339-73971\\_4911\\_4914\\_68361-335711--,00.html](https://www.michigan.gov/mdhhs/0,5885,7-339-73971_4911_4914_68361-335711--,00.html)

Notes: Uses Kindergarten and 7th grade data summed; they are the only grades with available data. Does not use data for students transferring in, because that can be affected by students' previous districts

b> Indicator Group: Demographics

**Indicator: Number of births**

Units of measure: Number

Measured as: N births

Source: Michigan Department of Health and Human Services vital statistics reporting

Link: <https://vitalstats.michigan.gov/osr/chi/births14/frameBxChar.html>

Data notes: Choose Live Births under Indicators by Race & Age.

Notes: In "Multi Location Trends", locations with large values can make other locations' charts tiny. So for indicators like Births, it can sometimes be useful to compare patterns between locations by switching back and forth between locations on the "One Location Trend" tab

**Indicator Group: Protective factors**

**Indicator: Total Double Up Food Bucks spent since 2016**

Units of measure: Money

Measured as: Total spent

Source: Custom data from the Fair Food Network

Link: <http://fairfoodnetwork.org>

Notes: Fresh fruits and vegetables are an important part of an everyday diet, but they are critically important for those with potential lead exposure. Foods high in Vitamin D, iron, and calcium, like many dark leafy greens and other fresh fruits and vegetables, help reduce lead absorption into the body and provide other health benefits

**Indicator Group: Economy**

**Indicator: Unemployment rate**

Units of measure: Percentage

Measured as: Percent of those able and searching who don't have a job

Source: U.S. Bureau of Labor Statistics Unemployment Data

Link: <https://beta.bls.gov/dataQuery/search>

Notes: In long-time disadvantaged areas, the number of people actively seeking employment can drop. The unemployment rate doesn't count them, so it can look lower than the percentage actually out of work

**Indicator Group: Safety**

**Indicator: Number of violent crimes / 100,000 residents**

Units of measure: rate

Measured as: Deaths / 100,000

Source: Michigan State Police Annual Crime Publications

Link: <https://www.michigan.gov/msp/divisions/cjic/micr/Annual-Reports>

Notes: A violent crime is a crime in which the offender uses or threatens to use violent force upon the victim. The FBI'S Uniform Crime Reporting Program defines violent crime as including the following offenses: murder and nonnegligent manslaughter, rape that includes violence, aggravated assault, and robbery

b>Indicator Group: Demographics

**Indicator: Percentage of registered voters who voted in an election.**

Units of measure: Percentage

Measured as: Percent who voted

Source: Genesee County Clerk elections division

Link: [https://www.geneseecountymi.gov/departments/county\\_clerk/election\\_division.php](https://www.geneseecountymi.gov/departments/county_clerk/election_division.php)

Data notes: Viewing the site, find data by scrolling down to "Election Results Archive".

Notes: Voter turnout is not really a demographic, but it does represent an important way in which citizens can have an impact on their government. This matters where funding for children's services may be a priority

**Indicator Group: Environment and infrastructure**

**Indicator: Percentage of days with "Good" air quality**

Units of measure: Percentage

Measured as: Percent of days

Source: US EPA Outdoor Air Quality data

Link: <https://www.epa.gov/outdoor-air-quality-data/air-quality-index-report>

Notes: Includes measures of carbon monoxide, nitrogen dioxide, ozone, and particulate matter

**Indicator Group: Education**

**Indicator: Percentage of students who are chronically absent**

Units of measure: Percentage

Measured as: Percent of enrolled students

Source: Michigan school data reporting: MISchoolData.org

Link: <https://www.mischooldata.org/student-enrollment-counts-report?>

[Common\\_LocationIncludeComparison=False&Portal\\_InquiryDisplayType=Snapshot&Common\\_Subgroup\\_StudentCountFact2=AllStudents&Common\\_Grade=AllGrades&Common\\_CrossTab=](https://www.mischooldata.org/student-enrollment-counts-report?Common_LocationIncludeComparison=False&Portal_InquiryDisplayType=Snapshot&Common_Subgroup_StudentCountFact2=AllStudents&Common_Grade=AllGrades&Common_CrossTab=)

Notes: Chronic absence has been an increasing problem since the COVID-19 epidemic, but it has been a challenge in some districts before then