



Flint & Genesee County, MI
HEALTH EQUITY REPORT CARD

● ● ● ● ● 2023

INTRODUCTION AND KEY

FLINT | GENESEE COUNTY | MICHIGAN | UNITED STATES

The Health Equity Report Card (HERC) supports the health and well-being of **Genesee County** and city of **Flint** residents by providing understandable, relevant, and actionable health outcome data. To do this, data is categorized (disaggregated) **by race and location** when available.

By understanding the current state of health disparities (differences) and health outcomes in our community, we can better address their causes and support prevention efforts. This will help us all live in a healthier community and create better lives for generations to come. The information presented in the HERC is only part of our community's story. It does not include the tremendous efforts by community organizations, residents or others to meet community needs in the Greater Flint area.

A: 1.0-1.4 No disparity	B: 1.5-1.9 Some disparity	C: 2.0-2.4 Disparity may require intervention	D: 2.5-2.9 Disparity requires intervention	F: 3.0+ Critical disparity, requires immediate intervention
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Information presented in the HERC includes **50 public health indicators** broken down **by location** (Flint, Genesee County, Michigan, and the US) and **by race** (Black and White). Each indicator is organized into one of **six categories**: health services and access, socioeconomic status, physical health, mental health, maternal and child health, and health outcomes. Grouping the indicators into these categories helps us understand the health of our community. This way we can see what's working and what should be addressed.

To understand the differences for each indicator, we calculated a **disparity ratio**. This tells us how small (good) or large (bad) the differences are for each indicator. A **letter grade** is then given for each disparity (difference).

Importantly, we must keep in mind that little to no disparity (difference) - an A or B grade - does not mean adequate health services, access, behaviors, or outcomes. It simply means there isn't a large difference between race or geographic locations for this health indicator.

EXPANDED HERC

FLINT | GENESEE COUNTY | MICHIGAN | UNITED STATES

By location

INDICATORS	GCxUS Disparity Ratio	GCxUS Grade	GCxMI Disparity Ratio	GCxMI Grade	GCxFlint Disparity Ratio	GCxFlint Grade
Cost prevented care	1.3	A	1.5*	B	-	-
Flu vaccinations	1.0	A	1.0	A	-	-
Health insurance coverage	1.0	A	1.0	A	1.0	A
HIV testing	1.4	A	1.3	A	-	-
Mammography screening	1.1	A	1.0	A	-	-
Preventable hospital stays	1.3	A	1.1	A	-	-
Uninsured	1.0	A	1.6*	B	1.3	A
Bachelor's degree or higher	1.5*	B	1.4	A	1.7	B
Median household income	1.4	A	1.3	A	1.5	B
No high school diploma/GED	1.3	A	1.0	A	1.6	B
Poverty	1.4	A	1.3	A	2.1	C
Employment rate	1.0	A	1.0	A	1.2	A
Asthma	1.3	A	1.1	A	-	-
Binge drinking	1.0	A	1.0	A	-	-

EXPANDED HERC

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By location

INDICATORS	GCxUS Disparity Ratio	GCxUS Grade	GCxMI Disparity Ratio	GCxMI Grade	GCxFlint Disparity Ratio	GCxFlint Grade
Cigarette smoking	1.6*	B	1.4	A	-	-
Diabetes	1.3	A	1.3	A	-	-
Disability	1.4	A	1.2	A	1.3	A
High blood pressure	1.3	A	1.1	A	-	-
High cholesterol	1.1*	A	1.0	A	-	-
Obesity	1.1	A	1.1	A	-	-
Overweight	1.0	A	1.0	A	-	-
Physical activity	1.0	A	1.1	A	-	-
Depression	1.2	A	1.1	A	-	-
Poor mental health	1.1	A	1.0	A	-	-
Suicides	1.0	A	1.0	A	-	-
Suicides by firearm	1.6*	B	1.5*	B	1.4	A
Child abuse	2.2*	C	1.3	A	-	-
Children in poverty	1.5*	B	1.4	A	2.2	C

EXPANDED HERC

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By location

INDICATORS	GCxUS Disparity Ratio	GCxUS Grade	GCxMI Disparity Ratio	GCxMI Grade	GCxFlint Disparity Ratio	GCxFlint Grade
Child mortality	1.2	A	1.2	A	-	-
Infant mortality	1.2	A	1.0	A	2.0	C
Low birthweight babies	1.3	A	1.1	A	1.4	A
Maternal vulnerability	-	-	1.1	A	-	-
Teenage births	1.3	A	1.5*	B	1.7	B
Breast cancer mortality	1.1	A	1.1	A	1.1	A
Cancer mortality	1.1	A	1.0	A	1.2	A
Cardiovascular disease mortality	1.1	A	1.1	A	1.4	A
Colorectal cancer mortality	1.2	A	1.1	A	1.1	A
Diabetes mortality	4.3*	F	4.0*	F	2.0*	C
Heart disease mortality	1.4	A	1.7	B	-	-
High blood pressure mortality	1.3	A	1.3	A	-	-
HIV prevalence	2.3	C	1.2	A	-	-
Homicides	2.2*	C	2.2*	C	-	-

EXPANDED HERC

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By location

INDICATORS	GCxUS Disparity Ratio	GCxUS Grade	GCxMI Disparity Ratio	GCxMI Grade	GCxFlint Disparity Ratio	GCxFlint Grade
Homicides by firearm	14.9	F	17.0	F	75.6	F
Injury deaths	1.4	A	1.3	A	-	-
Lung cancer mortality	1.3	A	1.2	A	-	-
Preventable heart disease/stroke deaths	1.5*	B	1.3	A	-	-
Prostate cancer mortality	1.2	A	1.2	A	-	-
Stroke mortality	1.4	A	1.3	A	-	-
Unintentional injury mortality	1.8*	B	1.6*	B	1.4	A
Years of potential life lost	1.4	B	1.3	A	1.8	B

EXPANDED HERC

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By race

INDICATORS	US B+W Disparity Ratio	US B+W Grade	MI B+W Disparity Ratio	MI B+W Grade	GC B+W Disparity Ratio	GC B+W Grade	Flint B+W Disparity Ratio	Flint B+W Grade
Cost prevented care	1.7	B	1.6	B	1.6	B	-	-
Flu vaccinations	1.2	A	1.3	A	1.3	A	-	-
Health insurance coverage	1.0	A	1.0	A	1.0	A	1.0	A
HIV testing	1.7	B	1.9	B	1.6	B	-	-
Mammography screening	1.1	A	1.0	A	1.0	A	-	-
Preventable hospital stays	2.2	C	-	-	1.7	B	-	-
Uninsured	1.6	B	1.4	A	-	-	1.1	A
Bachelor's degree or higher	1.5	B	1.7	B	1.7	B	1.5	B
Median household income	1.6	B	1.7	B	1.7	B	1.4	A
No high school diploma/GED	1.9	B	1.9	B	1.5	B	1.1	A
Poverty	2.3	C	2.5	D	2.4	C	1.3	A
Employment rate	1.0	A	1.0	A	-	-	-	-
Asthma	1.2	A	1.4	A	1.3	A	-	-
Binge drinking	1.3	A	1.1	A	1.6*	B	-	-

EXPANDED HERC

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By race

INDICATORS	US B+W Disparity Ratio	US B+W Grade	MI B+W Disparity Ratio	MI B+W Grade	GC B+W Disparity Ratio	GC B+W Grade	Flint B+W Disparity Ratio	Flint B+W Grade
Cigarette smoking	1.3	A	1.3	A	1.0	A	-	-
Diabetes	1.5	B	1.5	B	1.4	A	-	-
Disability	1.0	A	1.2	A	1.2	A	1.0	A
High blood pressure	1.2	A	1.3	A	1.3	A	-	-
High cholesterol	1.4	A	1.0	A	1.3	A	-	-
Obesity	1.4	A	1.2	A	1.1	A	-	-
Overweight	1.1	A	-	-	1.1	A	-	-
Physical activity	1.1	A	1.1	A	1.2	A	-	-
Depression	1.4	A	1.4	A	1.1	A	-	-
Poor mental health	1.1	A	1.1	A	1.3	A	-	-
Suicides	2.5*	D	1.6*	B	2.3*	C	-	-
Suicides by firearm	2.0*	C	1.4	A	-	-	2.4*	C
Child abuse	1.8	B	2.0*	C	1.6	B	-	-
Children in poverty	2.8	D	3.0	F	2.6	D	1.3	A

EXPANDED HERC

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By race

INDICATORS	US B+W Disparity Ratio	US B+W Grade	MI B+W Disparity Ratio	MI B+W Grade	GC B+W Disparity Ratio	GC B+W Grade	Flint B+W Disparity Ratio	Flint B+W Grade
Child mortality	1.9	B	2.3	C	3.0	F	-	-
Infant mortality	2.3	C	2.5	D	4.2	F	1.6	B
Low birthweight babies	2.1	C	2.1	C	2.0	C	1.9	B
Maternal vulnerability	-	-	-	-	-	-	-	-
Teenage births	2.3	C	3.5	F	2.6	D	2.7	D
Breast cancer mortality	1.4	A	-	-	1.3	A	1.4	A
Cancer mortality	1.1	A	1.1	A	-	-	1.2	A
Cardiovascular disease mortality	1.4	A	-	-	-	-	1.3	A
Colorectal cancer mortality	1.3	A	1.4	A	-	-	1.2	A
Diabetes mortality	2.2	C	2.0	C	-	-	1.5	B
Heart disease mortality	1.3	A	1.6	B	1.2	A	1.4	A
High blood pressure mortality	1.6	B	-	-	1.8	B	-	-
HIV prevalence	8.1	F	-	-	5.2	F	-	-
Homicides	7.4	F	14.3	F	11.5	F	-	-

EXPANDED HERC

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By race

INDICATORS	US B+W Disparity Ratio	US B+W Grade	MI B+W Disparity Ratio	MI B+W Grade	GC B+W Disparity Ratio	GC B+W Grade	Flint B+W Disparity Ratio	Flint B+W Grade
Homicides by firearm	21.8	F	20.8	F	545.0	F	18.5	F
Injury deaths	1.1	A	-	-	1.4	A	-	-
Lung cancer mortality	1.0	A	1.1	A	1.2	A	-	-
Preventable heart disease/stroke deaths	1.9	B	-	-	1.9	B	-	-
Prostate cancer mortality	1.8	B	-	-	1.3	A	-	-
Stroke mortality	1.5	B	1.3	A	1.2	A	-	-
Unintentional injury mortality	1.1	A	1.5	B	1.7	B	1.2	A
Years of potential life lost	-	-	1.9	B	1.9*	B	1.5	B

DEFINITION OF TERMS

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Using everyday words is one way that we can help create a healthier, more informed community. Listed below are terms that you will see in the Report Card. You may have also heard them used in the media or other places. To keep our community well informed, we include two definitions for each term: one in everyday language and one from the US Department of Health and Human Services, Centers for Disease Control and Prevention, or another credible organization. The ‘formal’ definition is italicized.

Access

Able to get.

“Access to health care is the timely use of personal health services to achieve the best possible health outcomes.”
— Healthy People 2030, US Department of Health and Human Services.

Chronic disease, illness, or condition

A serious health problem that goes on for a long time.

“Conditions that last one year or more and require ongoing medical attention or limit activities of daily living or both.”
— Centers for Disease Control and Prevention.

Cost-prevented care

Didn’t see a doctor in the last year because it was too expensive.

“Could not see a doctor because of cost in the past year.”
— Michigan Department of Health and Human Services.

Data

Facts, information, numbers.

“Information, especially facts or numbers, collected to be examined and considered and used to help decision-making.”
— Cambridge Online Dictionary.

Health disparities

Differences in health among groups of people.

“Preventable differences in the burden of disease, injury, violence, or opportunities to achieve optimal health that are experienced by populations that have been disadvantaged by their social or economic status, geographic location, and environment.”
— Centers for Disease Control and Prevention.

Health equity

Ensuring that everyone has the same chance to be as healthy as everyone else.

“The state in which everyone has a fair and just opportunity to attain their highest level of health.”
— Centers for Disease Control and Prevention.

Health insurance coverage

People who have an insurance plan that helps pay for their medical expenses.

“People who have health insurance coverage.”
— US Census.

DEFINITION OF TERMS

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High-housing-cost burden

Expensive housing.

“Housing costs account for 30% or more of a household's income.”

— Michigan League for Public Policy.

Lack of health insurance access

Adults between 18 and 64 years old who don't have the insurance they need to help pay for doctors or hospital visits.

“Current lack of health insurance among adults aged 18-64 years.”

— Centers for Disease Control and Prevention.

Life expectancy

How long a person is expected to live.

“The average amount of years that a person may expect to live.”

— Centers for Disease Control and Prevention.

Maternal vulnerability

A risk score from 0 (lower risk) to 100 (higher risk) for mothers having health problems due to factors like healthcare quality, physical and mental health, substance abuse, finances, and living conditions.

“A score (0-100), where a high score means greater risk of poor maternal outcomes based on healthcare, physical and mental health, substance abuse, socioeconomic determinants, and environment.”

— Surgo Ventures.

Median household income

The middle amount of money earned by families in an area, where half earn more and half earn less.

“Income where half of the households in an area earn more and half of the households earn less.”

— County Health Rankings.

Morbidity

Having a disease or medical problem.

“Refers to having a disease or a symptom of disease, or to the amount of disease within a population. Also refers to medical problems caused by a treatment.”

— National Cancer Institute.

Mortality

Death or number of deaths.

“The state of being mortal (destined to die). In medicine, a term also used for death rate, or the number of deaths in a certain group of people in a certain period of time.”

— National Institutes of Health.

Preventable hospital stays

People on Medicare who had to stay in the hospital for conditions that could have been taken care of at a doctor's office or clinic.

“Hospital stays for ambulatory-care sensitive conditions for Medicare enrollees.”

— County Health Rankings.

DEFINITION OF TERMS

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Poor mental health

Aged 18+ individuals who've had poor mental health for at least half of the past month.

"Mental health has not been good for greater than or equal to 14 days among adults aged 18 or older."

— Centers for Disease Control and Prevention.

Poor physical health

Aged 18+ individuals who've had poor physical health for at least half of the past month.

"Physical health has not been good for greater than or equal to 14 days among adults aged 18 or older."

— Centers for Disease Control and Prevention.

Social determinants of health (SDOH)

Non-medical factors that influence health outcomes.

"[SDOH] are the conditions in which people are born, grow, work, live, and age, and the wider set of forces and systems shaping the conditions of daily life."

— Centers for Disease Control and Prevention.

Socioeconomic distress

A score that shows how challenging life is in a certain area due to issues such as being poor, not having a job, single parenthood, or not finishing school, with higher scores meaning more people are facing these issues.

"A census block group-level continuous variable referring to the amount of material and social deprivation (lone parenthood, poverty, low educational attainment, and unemployment combined into one score), in which higher numbers mean higher distress."

— Centers for Disease Control and Prevention.

Substance use disorder (SUD)

A pattern of drug and/or alcohol use that leads to significant problems or distress.

"A treatable mental disorder that affects a person's brain and behavior, leading to their inability to control their use of substances like legal or illegal drugs, alcohol, or medications."

— National Institute of Mental Health.

Uninsured

People who do not have an insurance plan that helps pay for their medical expenses.

"People who currently lack health insurance aged 0-65."

— City Health Dashboard.

Years of potential life lost

The years people missed out on living when they die before turning 75.

"Rate of years of potential life lost from all causes of death before age 75."

— Centers for Disease Control and Prevention.

PARTNERS AND SOURCES

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Data represented in the HERC was retrieved from the following sources:

America's Health Rankings, American Lung Association, City-Data, Children's Defense Fund, Center for Disease Control and Prevention (CDC), City Health Dashboard, County Health Rankings, Federal Bureau of Investigation (FBI), Greater Flint Health Coalition (GFHC), Healthcare Cost and Utilization Project (HCUP), Injury Facts, Journal of Clinical Oncology, Kaiser Family Foundation (KFF), Kids Count, MiCalhoun, Michigan Department of Health and Human Services (MDHHS), Michigan League for Public Policy (MLPP), Minority Health, National Cancer Institute, National Institutes of Health (NIH), Peter G. Peterson Foundation, State Cancer Profiles, State of Flint Kids, Statista, Surgo Ventures and US Census.

We appreciate your feedback!

A brief survey can be found here: <https://tinyurl.com/FlintGCHERC>.

Email any questions to Heatherlun Uphold at upholdhe@msu.edu.



**GREATER FLINT
HEALTH COALITION**