Local Data: Michigan

In 2021, there were 17,313 people living with HIV in Michigan. In 2021, 633 people were newly diagnosed with HIV.
HIV Prevalence

Number of people living with HIV, 2021

17,313

Rate of people living with HIV per 100,000 population, 2021

203

Percent of people living with HIV, by Sex, 2021

- Male: 79.7%
- Female: 20.3%

Percent of people living with HIV, by Race/Ethnicity, 2021

- Black: 54.0%
- Hispanic/Latinx: 7.4%
- White: 33.6%

Percent of people living with HIV, by Age, 2021

- Aged 13-24: 3.6%
- Aged 25-34: 19.5%
- Aged 35-44: 19.1%
- Aged 45-54: 22.1%
- Aged 55+: 35.6%

Rate of people living with HIV per 100,000 population, by Geography, 2021

- State: 203
- Region: 222
- United States: 384
**New HIV Diagnoses**

**Number of new HIV diagnoses, 2021**

**633**

**Rate of new HIV diagnoses per 100,000 population, 2021**

**7**

**Percent of people newly diagnosed with HIV, by Sex, 2021**

<table>
<thead>
<tr>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>84.4%</td>
<td>15.6%</td>
</tr>
</tbody>
</table>

**Percent of people newly diagnosed with HIV, by Race/Ethnicity, 2021**

<table>
<thead>
<tr>
<th>Black</th>
<th>Hispanic/Latinx</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>54.2%</td>
<td>7.1%</td>
<td>34.3%</td>
</tr>
</tbody>
</table>

**Percent of people newly diagnosed with HIV, by Age, 2021**

<table>
<thead>
<tr>
<th>Aged 13-24</th>
<th>Aged 25-34</th>
<th>Aged 35-44</th>
<th>Aged 45-54</th>
<th>Aged 55+</th>
</tr>
</thead>
<tbody>
<tr>
<td>22.4%</td>
<td>37.8%</td>
<td>17.5%</td>
<td>12.8%</td>
<td>9.5%</td>
</tr>
</tbody>
</table>

**Number of New HIV Diagnoses, 2008-2021**
Due to the COVID-19 pandemic, data from 2020 and 2021 should be interpreted with caution.

Rate of people newly diagnosed with HIV per 100,000 population, by Geography, 2021
PrEP (Pre-Exposure Prophylaxis)

Number of PrEP users, 2022
7,290

Rate of PrEP users per 100,000 population, 2022
85

Percent of PrEP users, by Sex, 2022
92.2% Male 7.8% Female

Percent of PrEP users, by Race/Ethnicity, 2022
15.8% Black 5.7% Hispanic/Latinx 76.1% White

Percent of PrEP users, by Age, 2022
15.4% Aged 13-24 41.1% Aged 25-34 21.7% Aged 35-44 11.6% Aged 45-54 10.1% Aged 55+

Number of PrEP Users, 2012-2022
<table>
<thead>
<tr>
<th>Year</th>
<th>Number of PrEP Users</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>142</td>
</tr>
<tr>
<td>2013</td>
<td>136</td>
</tr>
<tr>
<td>2014</td>
<td>247</td>
</tr>
<tr>
<td>2015</td>
<td>646</td>
</tr>
<tr>
<td>2016</td>
<td>1,429</td>
</tr>
<tr>
<td>2017</td>
<td>2,324</td>
</tr>
<tr>
<td>2018</td>
<td>3,498</td>
</tr>
<tr>
<td>2019</td>
<td>4,418</td>
</tr>
<tr>
<td>2020</td>
<td>4,793</td>
</tr>
<tr>
<td>2021</td>
<td>5,995</td>
</tr>
<tr>
<td>2022</td>
<td>7,290</td>
</tr>
</tbody>
</table>
The 2022 PrEP-to-Need Ratio (PNR) is the ratio of the number of PrEP users in 2022 to the number of people newly diagnosed with HIV in 2021. PNR serves as a measurement for whether PrEP use appropriately reflects the need for HIV prevention. A lower PNR indicates more unmet need.

PNR, 2022

11.52

PNR, by Sex, 2022

Male: 12.59
Female: 5.74

PNR, by Race/Ethnicity, 2022

Black: 3.36
Hispanic/Latinx: 9.18
White: 25.57

PNR, by Age, 2022

Aged 13-24: 7.89
Aged 25-34: 12.54
Aged 35-44: 14.27
Aged 45-54: 10.48
Aged 55+: 12.32

PNR, 2012-2022
Late Diagnoses and Linked to Care are among people newly diagnosed with HIV and Receipt of Care and Viral Suppression are among all people living with HIV.

Diagnoses-based HIV Continuum Care, 2021
A late HIV diagnosis is defined as having an AIDS diagnosis within three months of initial HIV diagnosis.

Number of new HIV diagnoses that were diagnosed late, 2021

**121**

Proportion of people with a late HIV diagnoses, by Race/Ethnicity, 2021

**Black: 18.1%**

**Hispanic/Latinx: 24.4%**

**White: 19.4%**

Percent of new HIV diagnoses that were diagnosed late, 2021

**19.1%**
Linkage to care is defined as having a visit with an HIV health care provider within one month of being diagnosed with HIV.

Number of people diagnosed with HIV and linked to HIV care, 2021

547

Proportion of people linked to HIV care, by Sex, 2021

**Male:** 86.5%

**Female:** 85.9%

Proportion of people linked to HIV care, by Race/Ethnicity, 2021

**Black:** 84.5%

**Hispanic/Latinx:** 91.1%

**White:** 87.1%

Percent of people diagnosed with HIV and linked to HIV care, 2021

86.4%

Proportion of people linked to HIV care, by Age, 2021

**Aged 13-24:** 89.4%

**Aged 25-34:** 84.1%

**Aged 35-44:** 86.5%

**Aged 45-54:** 88.9%

**Aged 55+:** 85.0%
Receipt of HIV care is defined as those living with diagnosed HIV who received medical care for HIV and had at least one CD4 count or HIV viral load test in that year.

Number of people living with HIV who received HIV care, 2021

13,486

Proportion of people linked to HIV care, by Sex, 2021

Male: 81.3%
Female: 79.7%

Proportion of people linked to HIV care, by Race/Ethnicity, 2021

Black: 78.1%
Hispanic/Latinx: 80.0%
White: 85.4%

Percent of people living with HIV who received HIV care, 2021

81.0%

Proportion of people linked to HIV care, by Age, 2021

Aged 13-24: 81.7%
Aged 25-34: 78.0%
Aged 35-44: 80.6%
Aged 45-54: 81.9%
Aged 55+: 82.2%
Viral suppression is defined as those living with diagnosed HIV who had suppressed HIV viral load (<200 copies/mL).

Number of people living with HIV who were virally suppressed, 2021

11,987

Proportion of people linked to HIV care, by Sex, 2021

Male: 72.6%
Female: 69.6%

Proportion of people linked to HIV care, by Race/Ethnicity, 2021

Black: 66.9%
Hispanic/Latinx: 73.9%
White: 79.4%

Percent of people living with HIV who were virally suppressed, 2021

72.0%

Proportion of people linked to HIV care, by Age, 2021

Aged 13-24: 70.7%
Aged 25-34: 65.1%
Aged 35-44: 70.1%
Aged 45-54: 73.9%
Aged 55+: 75.9%
### HIV Mortality

**Number of deaths of people with HIV, 2021**

295

**Rate of deaths of people with HIV per 100,000 population, 2021**

4

#### Percent of deaths of people with HIV, by Sex, 2021

<table>
<thead>
<tr>
<th>Sex</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>78.0%</td>
</tr>
<tr>
<td>Female</td>
<td>22.0%</td>
</tr>
</tbody>
</table>

#### Percent of deaths of people with HIV, by Race/Ethnicity, 2021

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>61.4%</td>
</tr>
<tr>
<td>Hispanic/Latinx</td>
<td>3.4%</td>
</tr>
<tr>
<td>White</td>
<td>32.2%</td>
</tr>
</tbody>
</table>

#### Percent of deaths of people with HIV, by Age, 2021

<table>
<thead>
<tr>
<th>Age</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aged 13-24</td>
<td>1.0%</td>
</tr>
<tr>
<td>Aged 25-34</td>
<td>7.5%</td>
</tr>
<tr>
<td>Aged 35-44</td>
<td>11.5%</td>
</tr>
<tr>
<td>Aged 45-54</td>
<td>18.6%</td>
</tr>
<tr>
<td>Aged 55+</td>
<td>61.4%</td>
</tr>
</tbody>
</table>
Demographics, 2021

Total Population

10,050,811

State Population by Race/Ethnicity

- American Indian / Alaska Native (0.6%)
- Asian (3.4%)
- Black (13.8%)
- Hispanic / Latinx (5.6%)
- White (74.2%)
- Multiple Race (2.4%)
The rate of **Black males** living with an HIV diagnosis is 8.3 times that of **White males**.

The rate of **Hispanic/Latino males** living with an HIV diagnosis is 3.1 times that of **White males**.

The rate of **Black females** living with an HIV diagnosis is 17.1 times that of **White females**.

The rate of **Hispanic/Latina females** living with an HIV diagnosis is 4.5 times that of **White females**.
Late HIV Diagnoses, 2021

A late HIV diagnosis is defined as having an AIDS diagnosis within three months of initial HIV diagnosis.

State
- 80.9%
- 19.1%

Region
- 79.7%
- 20.3%

United States
People Living with HIV, by Transmission Category, 2021

Percent of People Living with HIV, by Transmission Category, 2021

Male Transmission Categories

- Injection Drug Use (4.8%)
- Heterosexual Contact (6.2%)
- Male-to-Male Sexual Contact (81.5%)
- Male-to-Male Sexual Contact & Injection Drug Use (6.3%)
- Other* (1.2%)

Female Transmission Categories
Injection Drug Use (19.7%)
Heterosexual Contact (77.1%)
Other* (3.2%)

*Includes risk factor not reported or identified, along with hemophilia, blood transfusion, perinatal exposure, or missing/suppressed data.
People Newly Diagnosed with HIV, by Transmission Category, 2021

Percent of People Newly Diagnosed with HIV, by Transmission Category, 2021

**Male Transmission Categories**

- Injection Drug Use (2.8%)
- Heterosexual Contact (2.6%)
- Male-to-Male Sexual Contact (89.0%)
- Male-to-Male Sexual Contact & Injection Drug Use (5.6%)

**Female Transmission Categories**
Injection Drug Use (24.2%)
Heterosexual Contact (74.7%)
Other* (1.1%)

*Includes risk factor not reported or identified, along with hemophilia, blood transfusion, perinatal exposure, or missing/suppressed data.

HIV Mortality Rates, 2019-2021

Mortality Rates of Persons Diagnosed with HIV per 100,000 population, 2019-2021
These data represent 2021 weighted estimates of HIV testing prevalence by selected demographic characteristics, based on responses to the Behavioral Risk Factor Surveillance System (BRFSS) survey question, “Have you ever been tested for HIV?”
Unstable Housing or Homelessness

Persons were considered to have experienced unstable housing or homelessness if they reported any form of unstable housing or homelessness during the past 12 months.

Percentage with Unstable Housing or Homelessness

HIV Stigma

Median score of HIV Stigma on a 10-item scale ranging from 0 (no stigma) to 100 (high stigma). Score is based on 4 dimensions of HIV stigma: personalized stigma during the past 12 months, current disclosure concerns, current negative self-image, and current perceived public attitudes about people living with HIV.

----- Median Score 0 = No Stigma 100 = High Stigma

To make data easier to view, we have zoomed in to 0-40 on the stigma scale(s) below.
National 28.8
State 37.2
### Social Determinants of Health, 2021

<table>
<thead>
<tr>
<th></th>
<th>State</th>
<th>Region</th>
<th>United States</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Percent of Population with a High School Education, 2021</strong></td>
<td>91.6%</td>
<td>91.3%</td>
<td>88.9%</td>
</tr>
<tr>
<td><strong>Income Inequality (Gini Coefficient), 2021</strong></td>
<td>0.464</td>
<td>0.463</td>
<td>0.482</td>
</tr>
<tr>
<td><strong>Percent of Population Living in Poverty, 2021</strong></td>
<td>13.3%</td>
<td>12.0%</td>
<td>12.6%</td>
</tr>
<tr>
<td><strong>Median Household Income, 2021</strong></td>
<td>$63,202</td>
<td>$65,858</td>
<td>$69,021</td>
</tr>
</tbody>
</table>
Status of state action on the Medicaid expansion decision as of May 08, 2023.
**Sexually Transmitted Diseases, 2021**

![Chart showing rates of sexually transmitted diseases per 100,000 population, 2021: Chlamydia, Gonorrhea, Syphilis.]

**HIV Criminalization, 2022**

**States with HIV-Specific Criminal Laws/Statutes**

State has HIV-specific criminal laws and/or sentence enhancements applicable to people living with HIV.

**States That Have Prosecuted PLWH**

State has prosecuted people living with HIV under non-HIV-specific, general criminal laws.

Status of state criminalization laws are as of June 28, 2022. Source: CHLP.