Local Data: Michigan

In 2019, there were 16,586 people living with HIV in Michigan. In 2019, 674 people were newly diagnosed with HIV.
### HIV Prevalence

**Number of people living with HIV, 2019**

**16,586**

**Rate of people living with HIV per 100,000 population, 2019**

**196**

#### Percent of people living with HIV, by Sex, 2019

<table>
<thead>
<tr>
<th></th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Percent</strong></td>
<td>79.3%</td>
<td>20.7%</td>
</tr>
</tbody>
</table>

#### Percent of people living with HIV, by Race/Ethnicity, 2019

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>54.8%</td>
</tr>
<tr>
<td>Hispanic/Latinx</td>
<td>6.6%</td>
</tr>
<tr>
<td>White</td>
<td>33.8%</td>
</tr>
</tbody>
</table>

#### Percent of people living with HIV, by Age, 2019

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aged 13-24</td>
<td>4.3%</td>
</tr>
<tr>
<td>Aged 25-34</td>
<td>19.8%</td>
</tr>
<tr>
<td>Aged 35-44</td>
<td>18.6%</td>
</tr>
<tr>
<td>Aged 45-54</td>
<td>24.5%</td>
</tr>
<tr>
<td>Aged 55+</td>
<td>32.7%</td>
</tr>
</tbody>
</table>

**Rate of people living with HIV per 100,000 population, by Geography, 2019**
New HIV Diagnoses

Number of new HIV diagnoses, 2019
674

Rate of new HIV diagnoses per 100,000 population, 2019
8

Percent of people newly diagnosed with HIV, by Sex, 2019

<table>
<thead>
<tr>
<th>Sex</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>83.5%</td>
</tr>
<tr>
<td>Female</td>
<td>16.5%</td>
</tr>
</tbody>
</table>

Percent of people newly diagnosed with HIV, by Race/Ethnicity, 2019

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>57.4%</td>
</tr>
<tr>
<td>Hispanic/Latinx</td>
<td>8.0%</td>
</tr>
<tr>
<td>White</td>
<td>31.9%</td>
</tr>
</tbody>
</table>

Percent of people newly diagnosed with HIV, by Age, 2019

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aged 13-24</td>
<td>25.5%</td>
</tr>
<tr>
<td>Aged 25-34</td>
<td>39.6%</td>
</tr>
<tr>
<td>Aged 35-44</td>
<td>16.3%</td>
</tr>
<tr>
<td>Aged 45-54</td>
<td>10.8%</td>
</tr>
<tr>
<td>Aged 55+</td>
<td>7.7%</td>
</tr>
</tbody>
</table>

Number of New HIV Diagnoses, 2008-2019
Rate of people newly diagnosed with HIV per 100,000 population, by Geography, 2019
PrEP (Pre-Exposure Prophylaxis)

Number of PrEP users, 2019

4,646

Rate of PrEP users per 100,000 population, 2019

55

Percent of PrEP users, by Sex, 2019

93.2% 7.4%

Male  Female

Percent of PrEP users, by Age, 2019

17.5% 38.8% 23.1% 15.1% 7.8%

Aged 13-24 Aged 25-34 Aged 35-44 Aged 45-54 Aged 55+

Number of PrEP Users, 2012-2019

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of PrEP Users</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>157</td>
</tr>
<tr>
<td>2013</td>
<td>255</td>
</tr>
<tr>
<td>2014</td>
<td>538</td>
</tr>
<tr>
<td>2015</td>
<td>1,201</td>
</tr>
<tr>
<td>2016</td>
<td>1,601</td>
</tr>
<tr>
<td>2017</td>
<td>2,278</td>
</tr>
<tr>
<td>2018</td>
<td>3,631</td>
</tr>
<tr>
<td>2019</td>
<td>4,646</td>
</tr>
</tbody>
</table>
PrEP-to-Need Ratio (PNR)

The 2019 PrEP-to-Need Ratio (PNR) is the ratio of the number of PrEP users in 2019 to the number of people newly diagnosed with HIV in 2018. PNR serves as a measurement for whether PrEP use appropriately reflects the need for HIV prevention. A lower PNR indicates more unmet need.

PNR, 2019

6.49

PNR, by Sex, 2019

Male: 7.61
Female: 2.33

PNR, by Age, 2019

Aged 13-24: 4.63
Aged 25-34: 6.55
Aged 35-44: 10.05
Aged 45-54: 7.61
Aged 55+: 5.39
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.

Late HIV Diagnoses

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, 2019

148

Percent of new HIV diagnoses that were diagnosed late, 2019

22.0%
**Linked to HIV Care**

*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, 2019

565

Percent of people diagnosed with HIV and linked to HIV care, 2019

83.8%

**Receipt of HIV Care**

*Receipt of HIV care is defined as those living with diagnosed HIV who have received medical care for HIV.*

Number of people living with HIV who received HIV care, 2019

13,332

Percent of people living with HIV who received HIV care, 2019

83.8%
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, 2019

11,713

Percent of people living with HIV who were virally suppressed, 2019

73.7%
### HIV Mortality

**Number of deaths of people with HIV, 2019**

273

**Rate of deaths of people with HIV per 100,000 population, 2019**

3

<table>
<thead>
<tr>
<th>Percent of deaths of people with HIV, by Sex, 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
</tr>
<tr>
<td>80.2%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Percent of deaths of people with HIV, by Race/Ethnicity, 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
</tr>
<tr>
<td>54.6%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Percent of deaths of people with HIV, by Age, 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aged 13-24</td>
</tr>
<tr>
<td>1.5%</td>
</tr>
</tbody>
</table>
Demographics, 2019

Total Population
9,986,857

State Population by Race/Ethnicity

- American Indian / Alaska Native (0.6%)
- Asian (3.3%)
- Black (13.8%)
- Hispanic / Latinx (5.3%)
- White (74.7%)
- Multiple Race (2.3%)
The rate of **Black males** living with an HIV diagnosis is 8.4 times that of **White males**.

The rate of **Hispanic/Latino males** living with an HIV diagnosis is 2.9 times that of **White males**.

The rate of **Black females** living with an HIV diagnosis is 17.5 times that of **White females**.

The rate of **Hispanic/Latina females** living with an HIV diagnosis is 4.4 times that of **White females**.
A late HIV diagnosis is defined as having an AIDS diagnosis within three months of initial HIV diagnosis.

State
- 22.0%
- 78.0%

Region
- 20.7%
- 79.3%

United States
Diagnosed with HIV: 20.4%
Diagnosed with AIDS: 79.6%
People Living with HIV, by Transmission Category, 2019

Percent of People Living with HIV, by Transmission Category, 2019

**Male Transmission Categories**

- Injection Drug Use (5.3%)
- Heterosexual Contact (6.8%)
- Male-to-Male Sexual Contact (80.7%)
- Male-to-Male Sexual Contact & Injection Drug Use (6.0%)
- Other* (1.2%)

**Female Transmission Categories**
Injection Drug Use (20.0%)
Heterosexual Contact (76.8%)
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, 2019

Percent of People Newly Diagnosed with HIV, by Transmission Category, 2019

Male Transmission Categories

- Injection Drug Use (17.1%)
- Heterosexual Contact (28.6%)
- Male-to-Male Sexual Contact (34.3%)
- Male-to-Male Sexual Contact & Injection Drug Use (19.0%)
- Other* (1.0%)

Female Transmission Categories
*Injection Drug Use (17.1%)

*Heterosexual Contact (82.9%)

*Includes risk factor not reported or identified, along with hemophilia, blood transfusion, perinatal exposure, or missing/suppressed data.
### HIV Mortality Rates, 2017-2019

<table>
<thead>
<tr>
<th>State</th>
<th>Region</th>
<th>United States</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.3</td>
<td>3.3</td>
<td>6.0</td>
<td>3.7</td>
<td>3.2</td>
<td>5.9</td>
</tr>
<tr>
<td>3.3</td>
<td>3.3</td>
<td>6.0</td>
<td>3.7</td>
<td>3.2</td>
<td>5.9</td>
</tr>
<tr>
<td>3.3</td>
<td>3.3</td>
<td>6.0</td>
<td>3.7</td>
<td>3.2</td>
<td>5.9</td>
</tr>
</tbody>
</table>

**Age-adjusted rates of Death due to HIV per 100,000 population, 2017-2019**

### HIV Testing, 2019

*These data represent 2018 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?”*
Social Determinants of Health, 2019

- **Percent of Population with a High School Education, 2019**
  - State: 91.4%
  - Region: 90.6%
  - United States: 88.6%

- **Income Inequality (Gini Coefficient), 2019**
  - State: 0.463
  - Region: 0.464
  - United States: 0.481

- **Percent of Population Living in Poverty, 2019**
  - State: 12.9%
  - Region: 11.8%
  - United States: 12.3%

- **Median Household Income, 2019**
  - State: $59,522
  - Region: $62,198
  - United States: $65,712
Medicaid Expansion, 2020

Status of state action on the Medicaid expansion decision as of October 8, 2021.
HIV Federal Funding/Programs, Federal HIV/AIDS Grant Funding, FY 2019

Substance Abuse & Mental Health Services Administration, FY 2019
$1,534,598

Ryan White HIV/AIDS Program, FY 2019
$30,195,361

Housing Opportunities for Persons With AIDS, FY 2019
$4,816,009

Total Funding, FY 2019
$36,545,968
Rates of Sexually Transmitted Diseases per 100,000 Population, 2019

- **Chlamydia**
  - State: 501.2
  - Region: 540.0
  - United States: 551.1

- **Gonorrhea**
  - State: 181.6
  - Region: 197.7
  - United States: 187.8

- **Syphilis**
  - State: 6.8
  - Region: 7.4
  - United States: 11.9
HIV Criminalization, 2020

**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 July 28, 2020. Source: CHLP.