Regional Data: Midwest

In 2021, there were 128,839 people living with HIV in the Midwest. In 2021, 4,815 people were newly diagnosed with HIV.

## HIV Prevalence

Number of people living with HIV, 2021

128,839

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

222

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

- Male: 79.2%
- Female: 20.8%

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

- Black: 42.2%
- Hispanic/Latinx: 13.0%
- White: 37.6%

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

- Aged 13-24: 3.3%
- Aged 25-34: 17.4%
- Aged 35-44: 19.9%
- Aged 45-54: 22.9%
- Aged 55+: 36.4%
# New HIV Diagnoses

## Number of new HIV diagnoses, 2021

**4,815**

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

**8**

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

<table>
<thead>
<tr>
<th>Sex</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>81.5%</td>
</tr>
<tr>
<td>Female</td>
<td>18.5%</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>43.5%</td>
</tr>
<tr>
<td>Hispanic/Latinx</td>
<td>15.1%</td>
</tr>
<tr>
<td>White</td>
<td>35.3%</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aged 13-24</td>
<td>20.5%</td>
</tr>
<tr>
<td>Aged 25-34</td>
<td>37.0%</td>
</tr>
<tr>
<td>Aged 35-44</td>
<td>20.1%</td>
</tr>
<tr>
<td>Aged 45-54</td>
<td>12.6%</td>
</tr>
<tr>
<td>Aged 55+</td>
<td>9.8%</td>
</tr>
</tbody>
</table>
Due to the COVID-19 pandemic, data from 2020 and 2021 should be interpreted with caution.
PrEP (Pre-Exposure Prophylaxis)

Number of PrEP users, 2022
66,328

Rate of PrEP users per 100,000 population, 2022
116

Percent of PrEP users, by Sex, 2022

- Male: 93.4%
- Female: 6.6%

Percent of PrEP users, by Race/Ethnicity, 2022

- Black: 12.1%
- Hispanic/Latinx: 9.3%
- White: 75.6%

Percent of PrEP users, by Age, 2022

- Aged 13-24: 14.2%
- Aged 25-34: 40.5%
- Aged 35-44: 23.8%
- Aged 45-54: 11.8%
- Aged 55+: 9.7%

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>1,321</td>
</tr>
<tr>
<td>2013</td>
<td>1,492</td>
</tr>
<tr>
<td>2014</td>
<td>3,680</td>
</tr>
<tr>
<td>2015</td>
<td>8,921</td>
</tr>
<tr>
<td>2016</td>
<td>16,748</td>
</tr>
<tr>
<td>2017</td>
<td>24,550</td>
</tr>
<tr>
<td>2018</td>
<td>34,341</td>
</tr>
<tr>
<td>2019</td>
<td>42,470</td>
</tr>
<tr>
<td>2020</td>
<td>44,462</td>
</tr>
<tr>
<td>2021</td>
<td>54,455</td>
</tr>
<tr>
<td>2022</td>
<td>66,328</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
13.78

PNR, by Sex, 2022
Male: 15.79
Female: 4.92

PNR, by Race/Ethnicity, 2022
Black: 3.83
Hispanic/Latinx: 8.51
White: 29.48

PNR, by Age, 2022
Aged 13-24: 9.58
Aged 25-34: 15.10
Aged 35-44: 16.30
Aged 45-54: 12.86
Aged 55+: 13.56

PNR, 2012-2022
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, 2021

979

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

Black: 18.0%
Hispanic/Latinx: 23.2%
White: 21.9%

Percent of new HIV diagnoses that were diagnosed late, 2021

20.3%
### HIV Mortality

Number of deaths of people with HIV, 2021

**2,284**

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>79.6%</td>
</tr>
<tr>
<td>Female</td>
<td>20.4%</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>41.3%</td>
</tr>
<tr>
<td>Hispanic/Latinx</td>
<td>8.2%</td>
</tr>
<tr>
<td>White</td>
<td>40.7%</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>0.8%</td>
</tr>
<tr>
<td>Aged 25-34</td>
<td>7.7%</td>
</tr>
<tr>
<td>Aged 35-44</td>
<td>12.6%</td>
</tr>
<tr>
<td>Aged 45-54</td>
<td>19.2%</td>
</tr>
<tr>
<td>Aged 55+</td>
<td>59.7%</td>
</tr>
</tbody>
</table>
Demographics, 2021

Total Population

68,841,444

Regional Population by Race/Ethnicity

- American Indian / Alaska Native (0.6%)
- Asian (3.6%)
- Black (10.6%)
- Hispanic / Latinx (8.5%)
- Native Hawaiian / Other Pacific Islander (0.1%)
- White (74.5%)
- Multiple Race (2.2%)
The rate of **Black males** living with an HIV diagnosis is 7.2 times that of **White males**.

The rate of **Hispanic/Latino males** living with an HIV diagnosis is 3.2 times that of **White males**.

The rate of **Black females** living with an HIV diagnosis is 17.3 times that of **White females**.

The rate of **Hispanic/Latina females** living with an HIV diagnosis is 4.2 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.

Region

- 20.3% Diagnosed with AIDS
- 79.7% Diagnosed with HIV

United States

- 21.1% Diagnosed with AIDS
- 78.9% Diagnosed with HIV
People Living with HIV, by Transmission Category, 2021

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

Male Transmission Categories

- Injection Drug Use (5.6%)
- Heterosexual Contact (7.2%)
- Male-to-Male Sexual Contact (78.9%)
- Male-to-Male Sexual Contact & Injection Drug Use (7.2%)
- Other* (1.1%)

Female Transmission Categories
Injection Drug Use (18.3%)
Heterosexual Contact (78.1%)
Other* (3.6%)

*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 (5.3%)
- Heterosexual Contact (6.0%)
- Male-to-Male Sexual Contact (82.8%)
- Male-to-Male Sexual Contact & Injection Drug Use (5.7%)
- Other* (0.2%)

Female Transmission Categories
Injection Drug Use (20.5%)
Heterosexual Contact (78.4%)
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
Social Determinants of Health, 2021

- **Percent of Population with a High School Education, 2021**
  - Region: 91.3%
  - United States: 88.9%

- **Income Inequality (Gini Coefficient), 2021**
  - Region: 0.463
  - United States: 0.482

- **Percent of Population Living in Poverty, 2021**
  - Region: 12.0%
  - United States: 12.6%

- **Median Household Income, 2021**
  - Region: $65,858
  - United States: $69,021
Percent of Population (<65) Lacking Health Insurance, 2021

- 7.9%
- 10.3%

Percent of Population Unemployed, 2021

- 4.7%
- 5.3%

Percent of Population Living with Food Insecurity, 2016-2021

- 9.9%
- 10.2%

Percent of Population Living in Unstable Housing, 2021

- 11.6%
- 14.3%
**Medicaid Expansion, 2023**

9 out of **12** states in the region have adopted and implemented Medicaid expansion.

Status of state action on the Medicaid expansion decision as of **May 08, 2023**.

---

**Sexually Transmitted Diseases, 2021**

**Rates of Sexually Transmitted Diseases per 100,000 Population, 2021**

- **Chlamydia**:
  - Region: 492.6
  - United States: 495.5

- **Gonorrhea**:
  - Region: 218.9
  - United States: 214.0

- **Syphilis**:
  - Region: 12.9
  - United States: 16.2
HIV Criminalization, 2022

States with HIV-Specific Criminal Laws/Statutes

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

**10 of 12 states**

States That Have Prosecuted PLWH

States that have prosecuted people living with HIV under non-HIV-specific, general criminal laws.

**4 of 12 states**

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

AIDSVu is presented by the Rollins School of Public Health at Emory University in partnership with Gilead Sciences, Inc.