

# 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

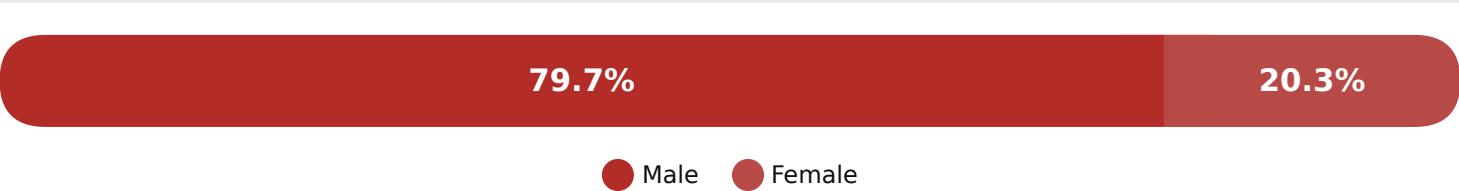
Number of people living with HIV, 2021

17,313

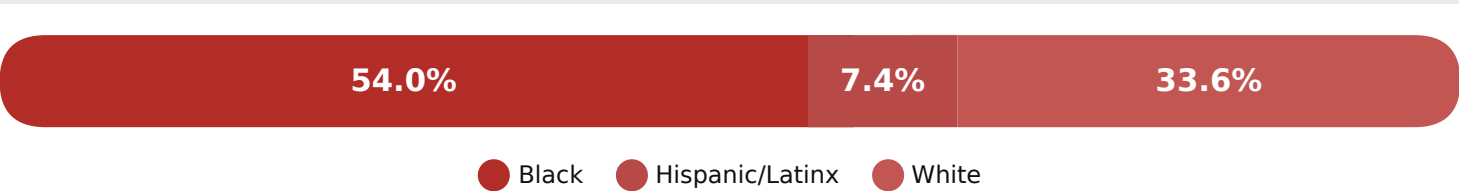
Rate of people living with HIV per 100,000 population, 2021

203

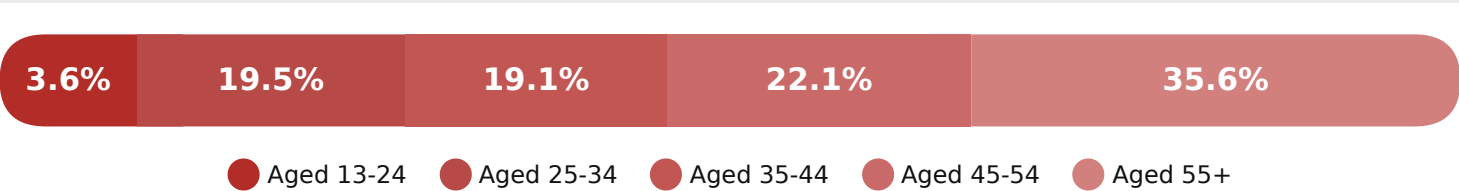
Percent of people living with HIV, by Sex, 2021



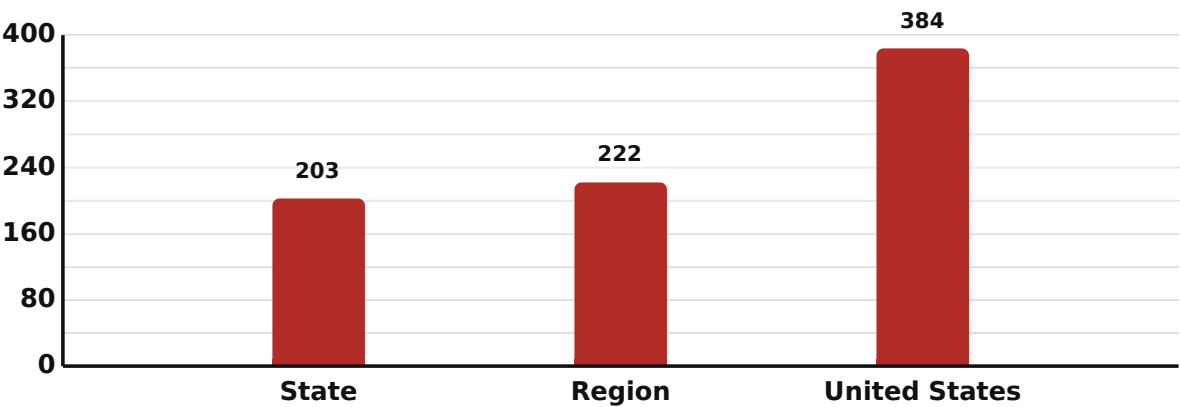
Percent of people living with HIV, by Race/Ethnicity, 2021



Percent of people living with HIV, by Age, 2021



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





# New HIV Diagnoses

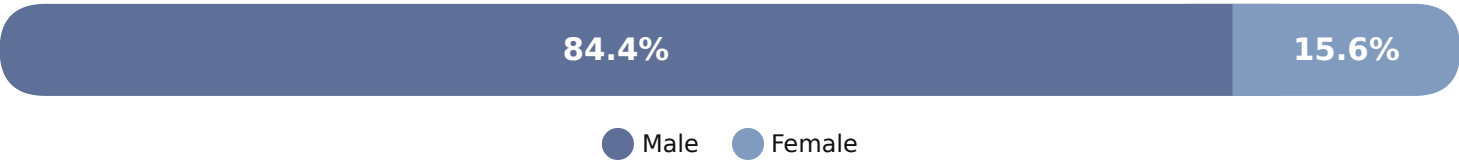
Number of new HIV diagnoses, 2021

633

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

7

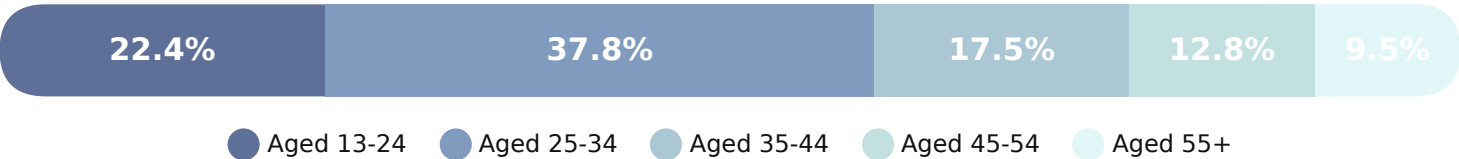
Percent of people newly diagnosed with HIV, by Sex, 2021



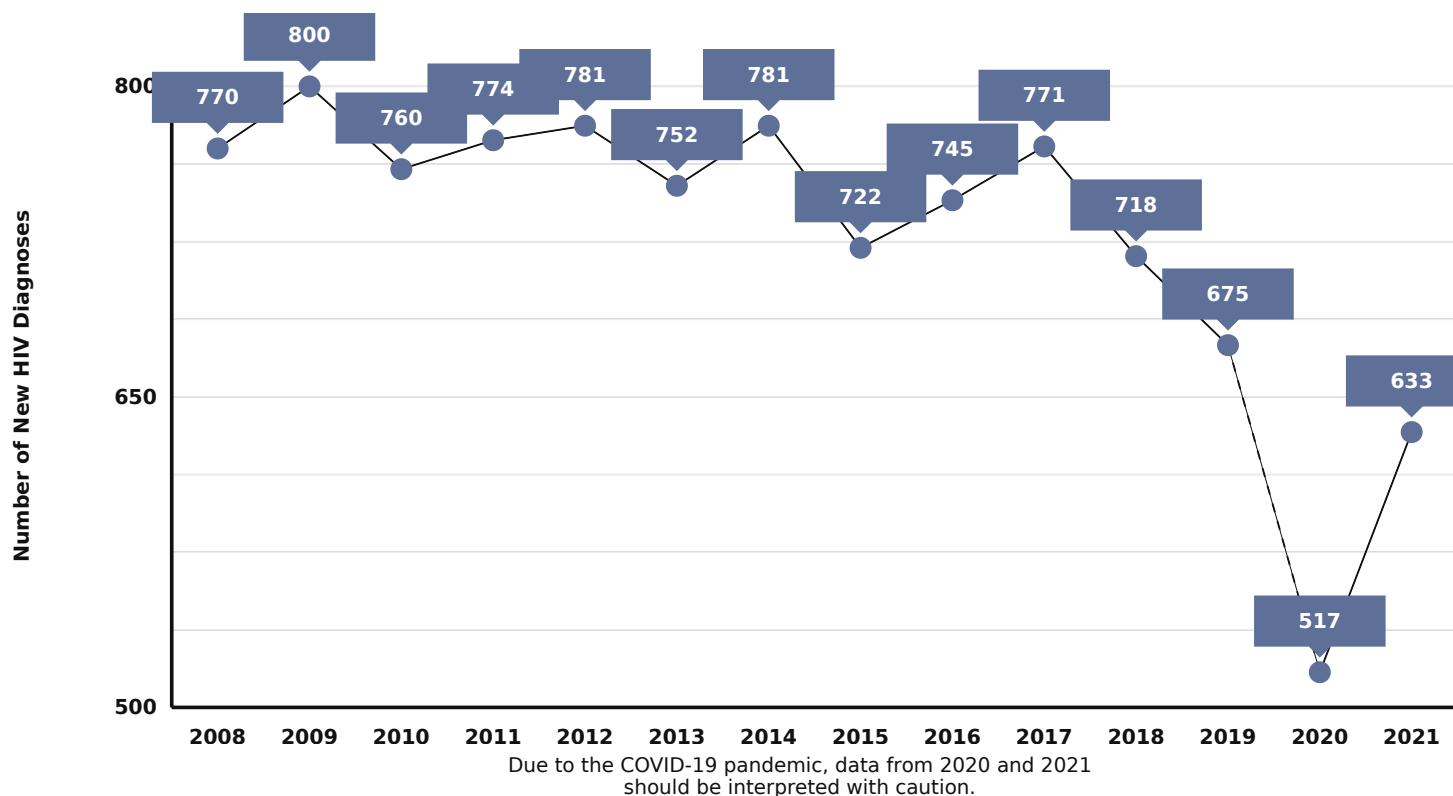
Percent of people newly diagnosed with HIV, by Race/Ethnicity, 2021



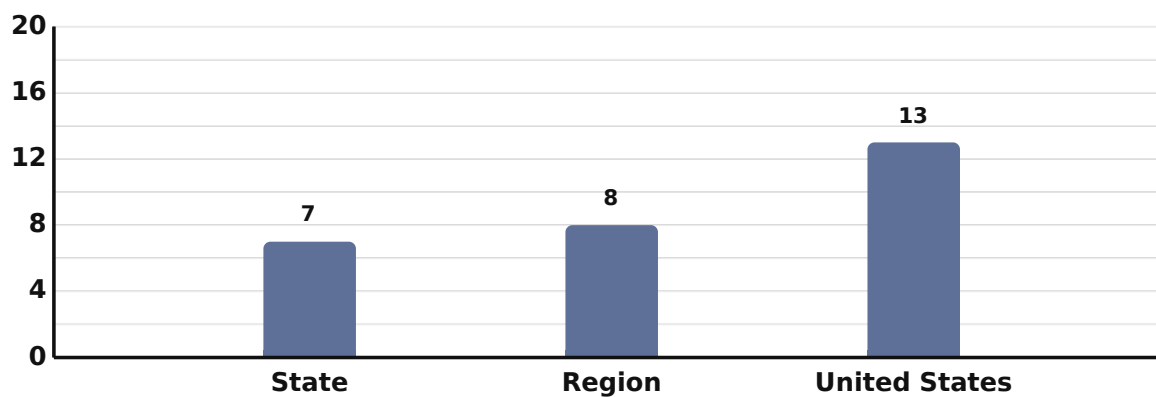
Percent of people newly diagnosed with HIV, by Age, 2021



Number of New HIV Diagnoses, 2008-2021



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



# PrEP (Pre-Exposure Prophylaxis)

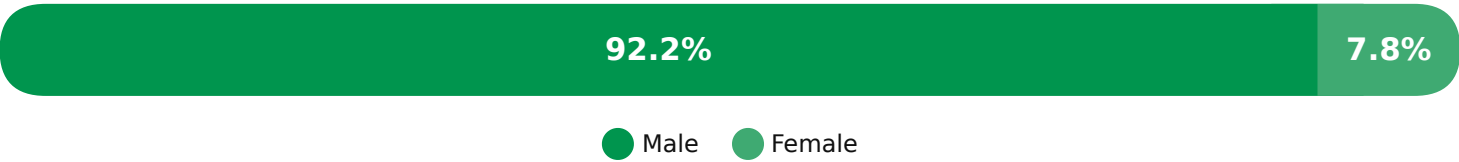
Number of PrEP users, 2022

7,290

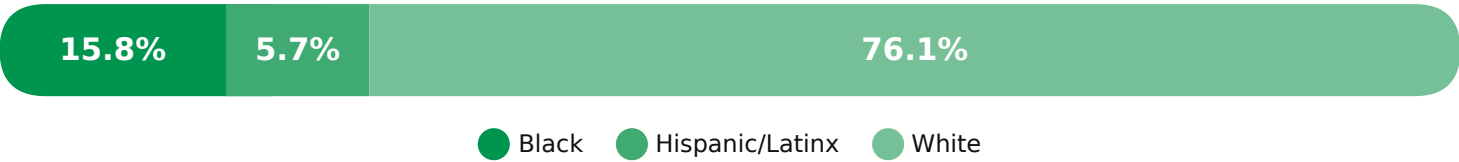
Rate of PrEP users per 100,000 population, 2022

85

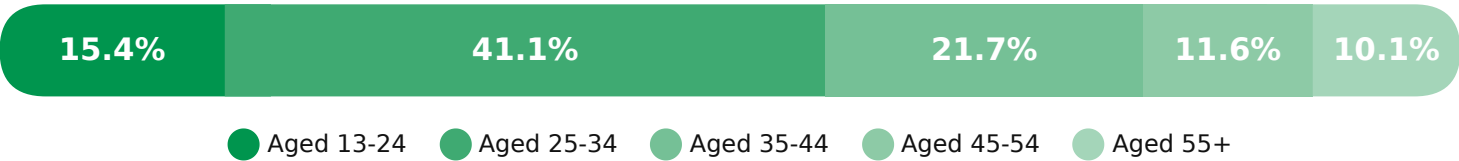
Percent of PrEP users, by Sex, 2022



Percent of PrEP users, by Race/Ethnicity, 2022

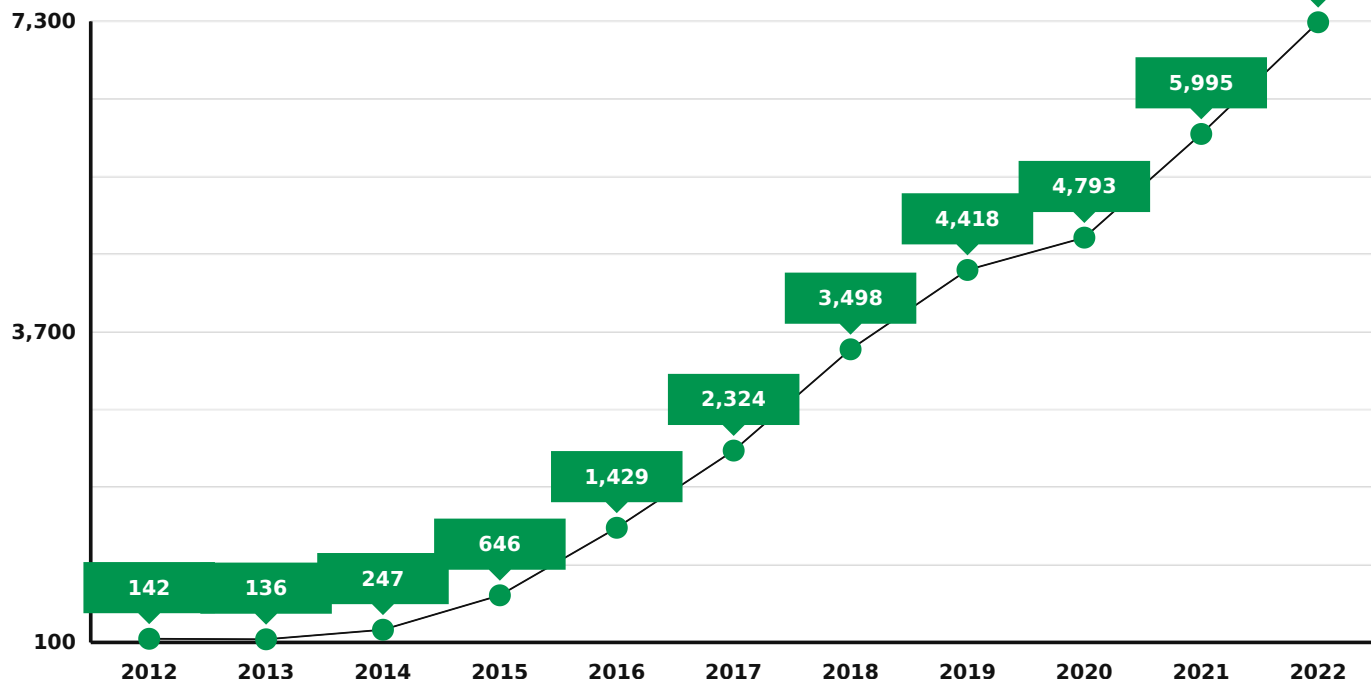


Percent of PrEP users, by Age, 2022



Number of PrEP Users, 2012-2022

Number of PrEP Users



# PrEP-to-Need Ratio (PNR)

*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**

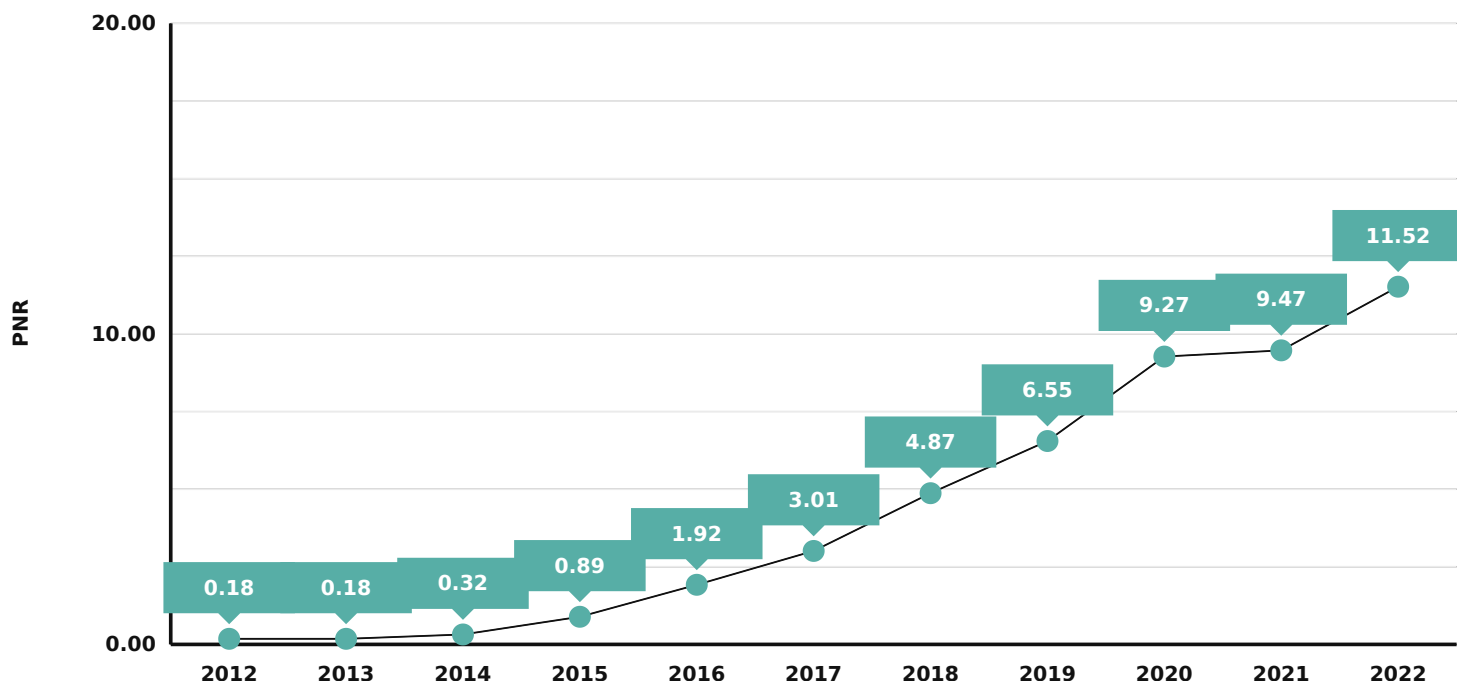
**Aged 45-54: 10.48**

**Aged 55+: 12.32**

PNR, 2012-2022

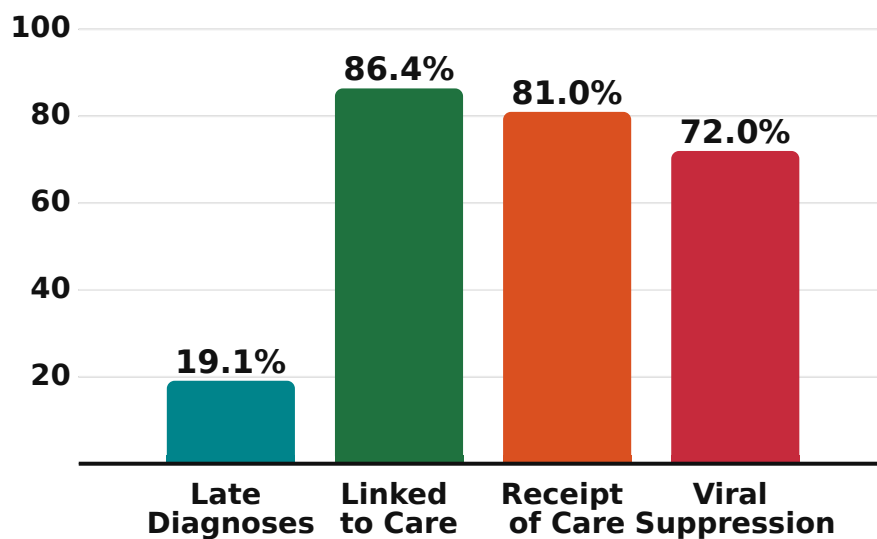
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## HIV Continuum of Care, 2021

*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**

# 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

**121**

Proportion of people with a late HIV diagnosis, 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%**

## Linked to HIV Care

*Linkage to care is defined as having a visit with a health care provider and getting a CD4 or viral load test 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 virally suppressed, 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

*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 virally suppressed, 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

*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

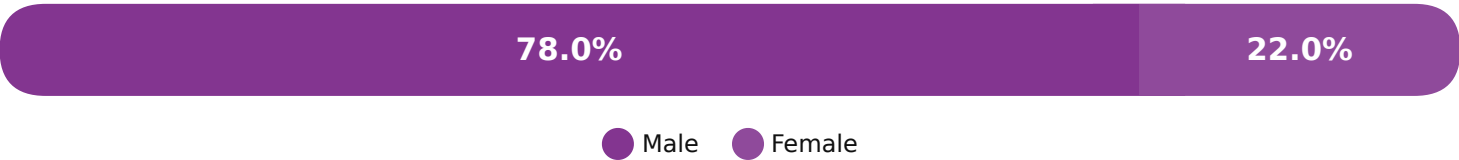
Number of deaths of people with HIV, 2021

295

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

4

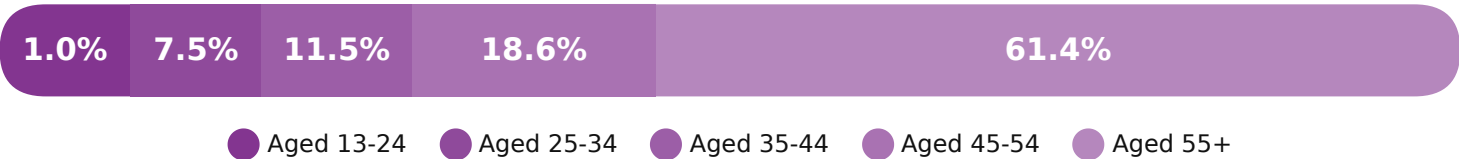
Percent of deaths of people with HIV, by Sex, 2021



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



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

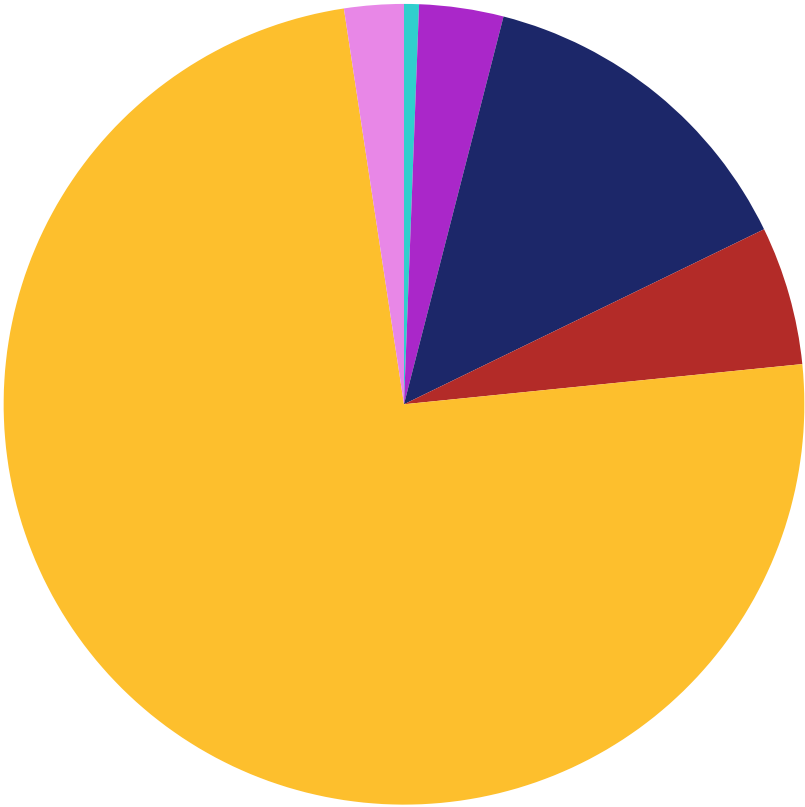


# Demographics, 2021

Total Population  
**10,050,811**

## State Population by Race/Ethnicity

- American Indian / Alaska Native (0.6%)
- Hispanic / Latinx (5.6%)
- White (74.2%)
- Asian (3.4%)
- Multiple Race (2.4%)
- Black (13.8%)



# HIV Prevalence Rate Ratios, by Race/Ethnicity, 2021

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The rate of **Black males** living with an HIV diagnosis is 8.3 times that of **White males**.

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

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

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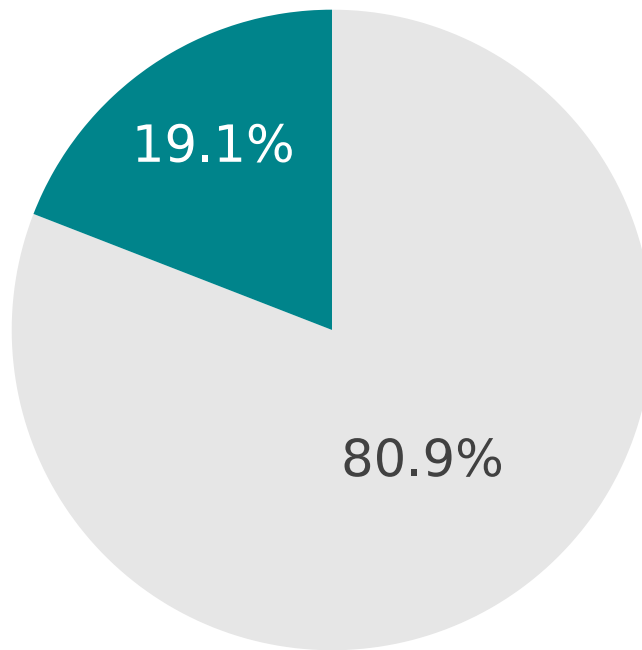
The rate of **Hispanic/Latina females** living with an HIV diagnosis is 4.5 times that of **White females**.



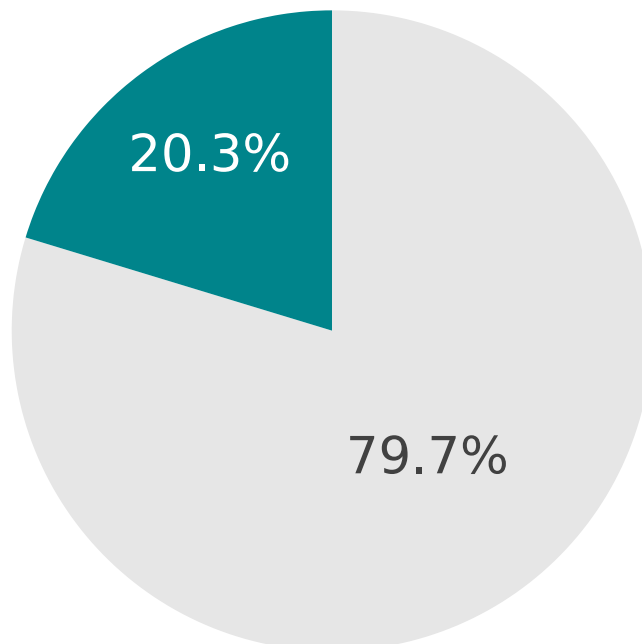
# Late HIV Diagnoses, 2021

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

## State



## Region



## United States

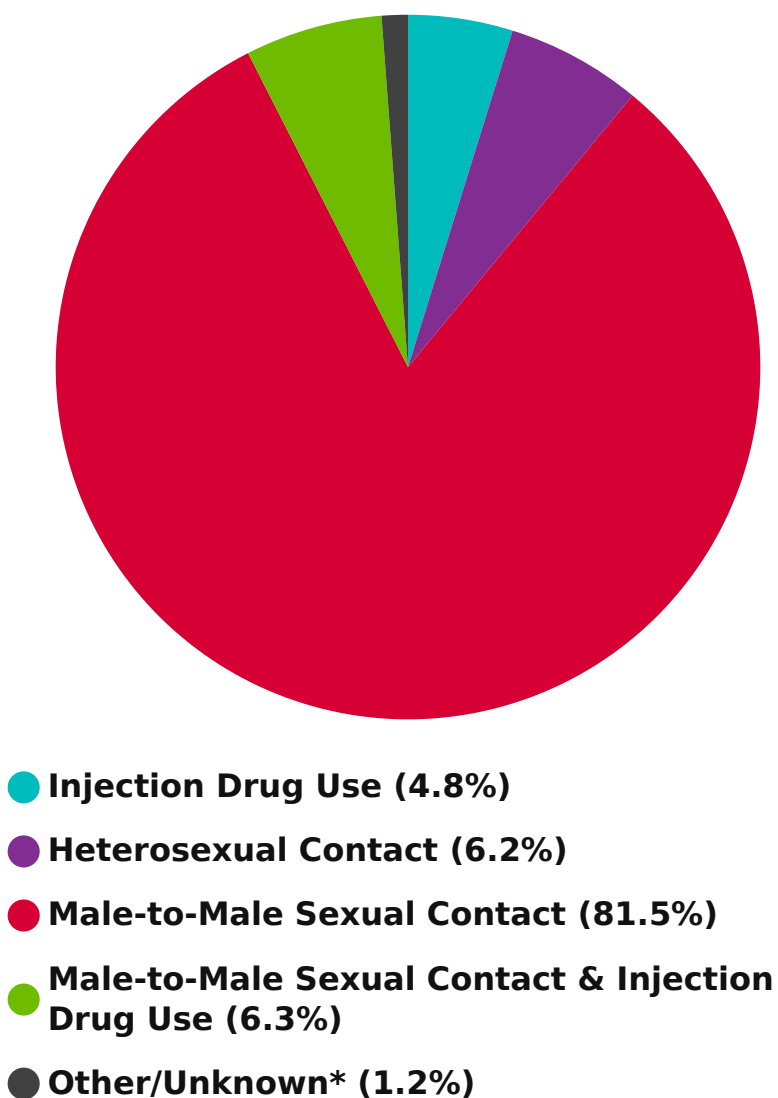


● Diagnosed with HIV    ● Diagnosed with AIDS

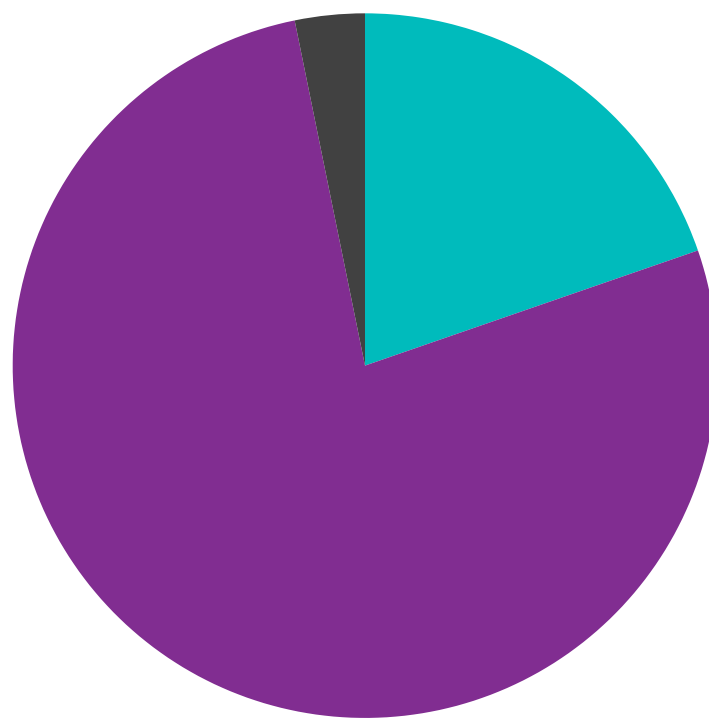
# People Living with HIV, by Transmission Category, 2021

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

### Male Transmission Categories



### Female Transmission Categories



- **Injection Drug Use (19.7%)**
- **Heterosexual Contact (77.1%)**
- **Other/Unknown\* (3.2%)**

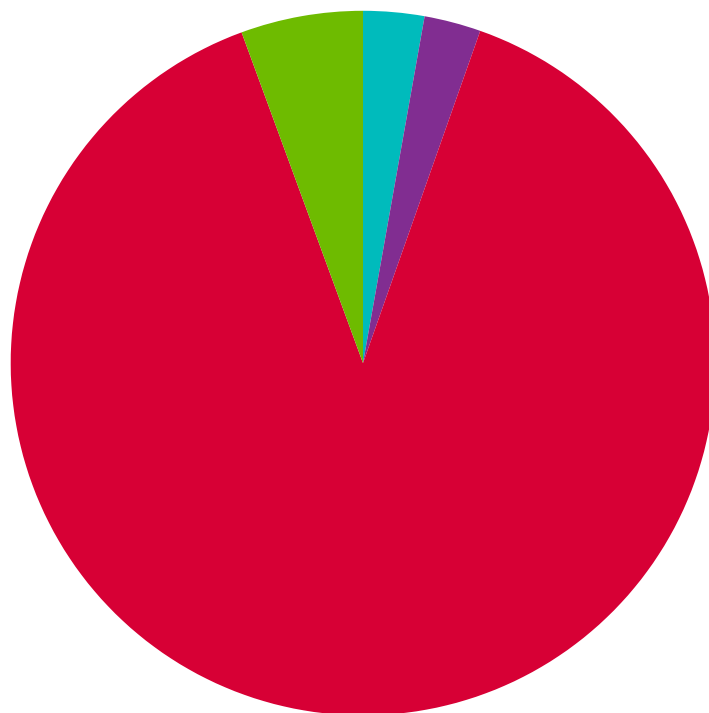
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\*Includes risk factor not reported or identified, along with hemophilia, blood transfusion, perinatal exposure, or missing/suppressed data.

# People Newly Diagnosed with HIV, by Transmission Category, 2021

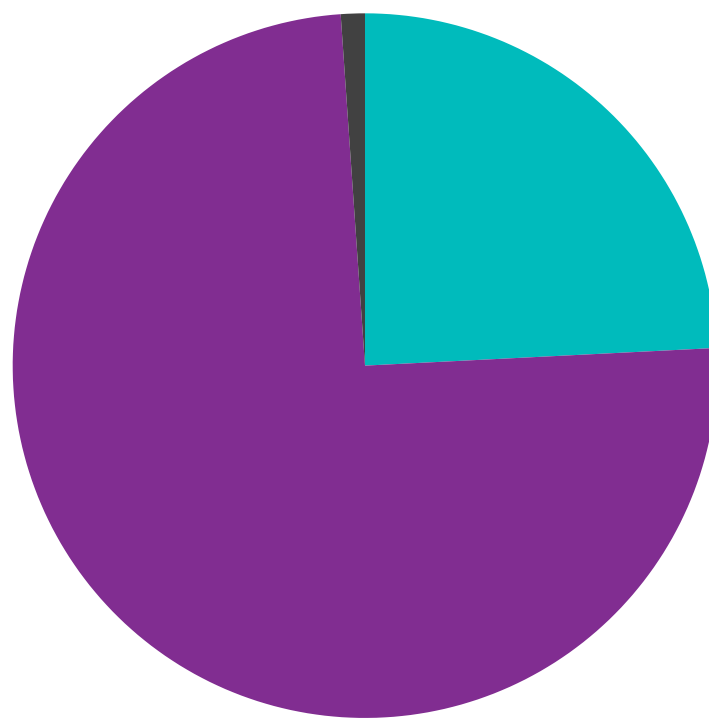
## Percent of People Newly Diagnosed with HIV, by Transmission Category, 2021

### 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%)

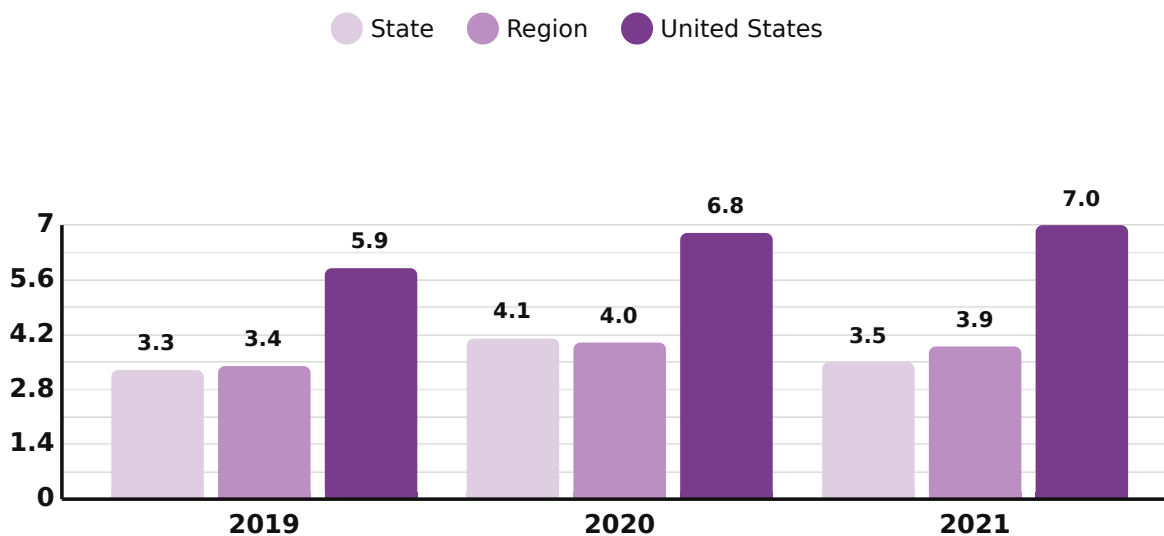
### Female Transmission Categories



- **Injection Drug Use (24.2%)**
- **Heterosexual Contact (74.7%)**
- **Other/Unknown\* (1.1%)**

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

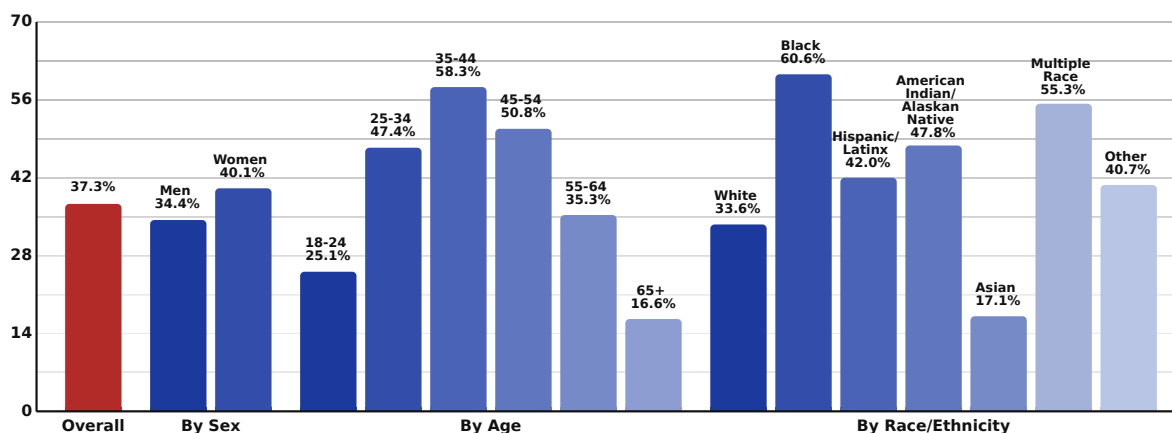
## HIV Mortality Rates, 2019-2021



Mortality Rates of Persons Diagnosed with HIV per 100,000 population, 2019-2021

# HIV Testing, 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?"*

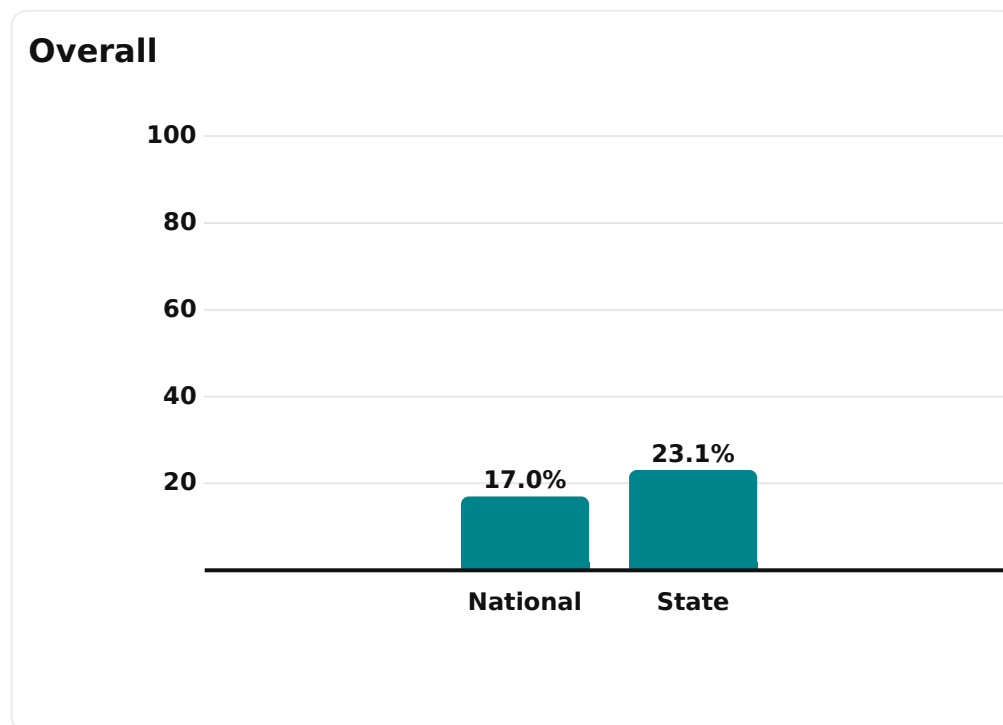


# Lived Experiences of Adults Living with Diagnosed HIV, 2021

## 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

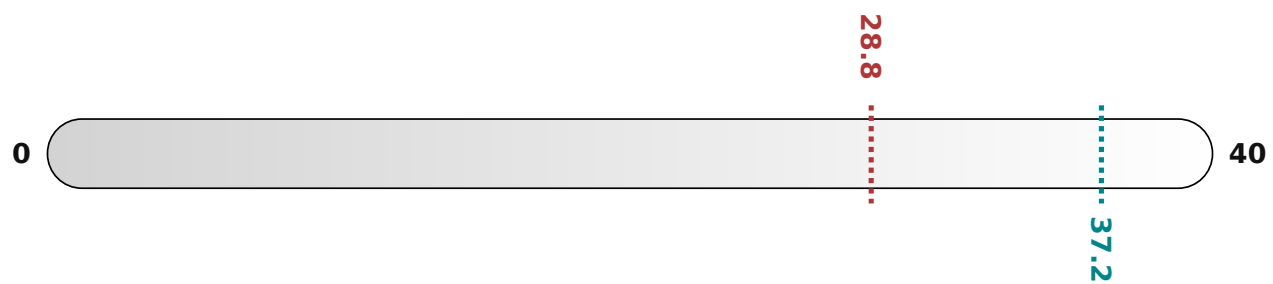
*Median score of HIV Stigma on a 10-item scale ranging from 0 (no stigma) to 100 (high stigma). Score is based on 4 dimensions of HIV stigma: personalized stigma during the past 12 months, current disclosure concerns, current negative self-image, and current perceived public attitudes about people living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

### Overall



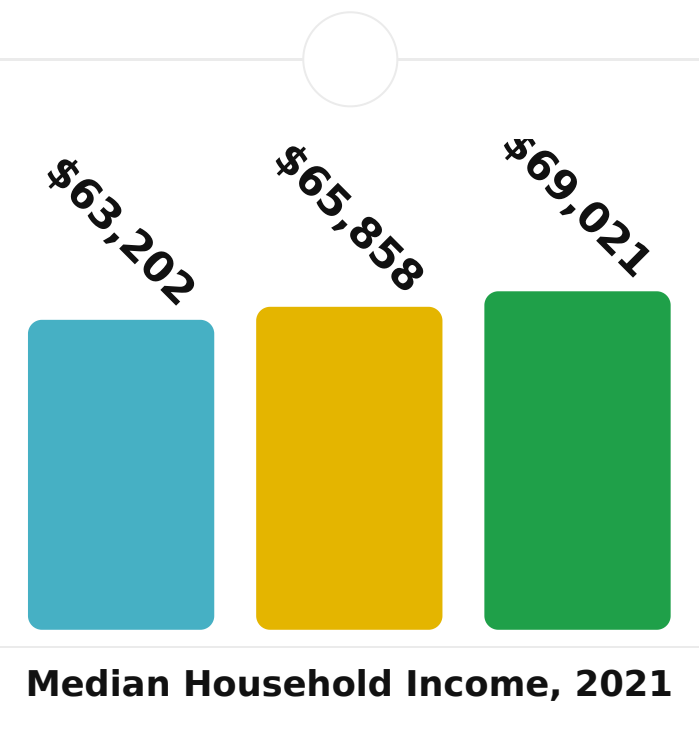
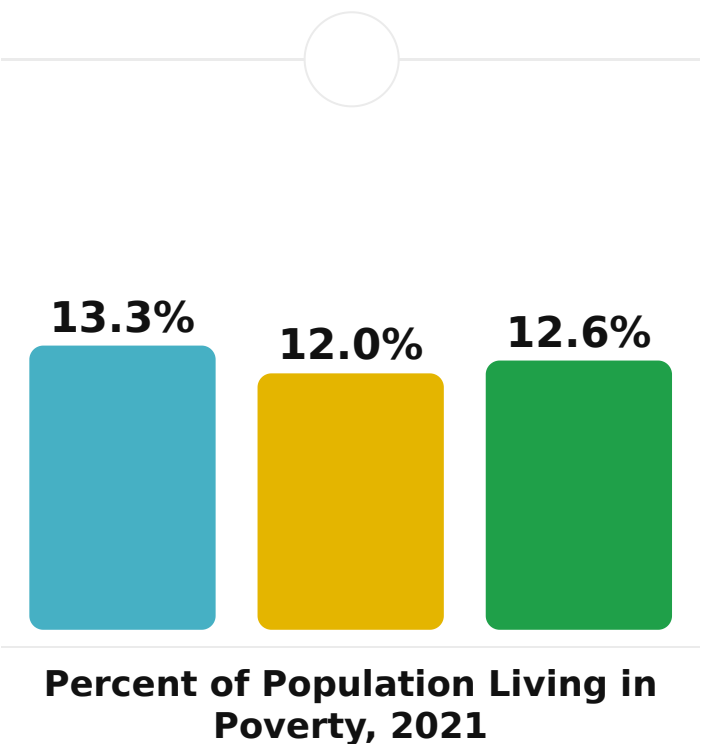
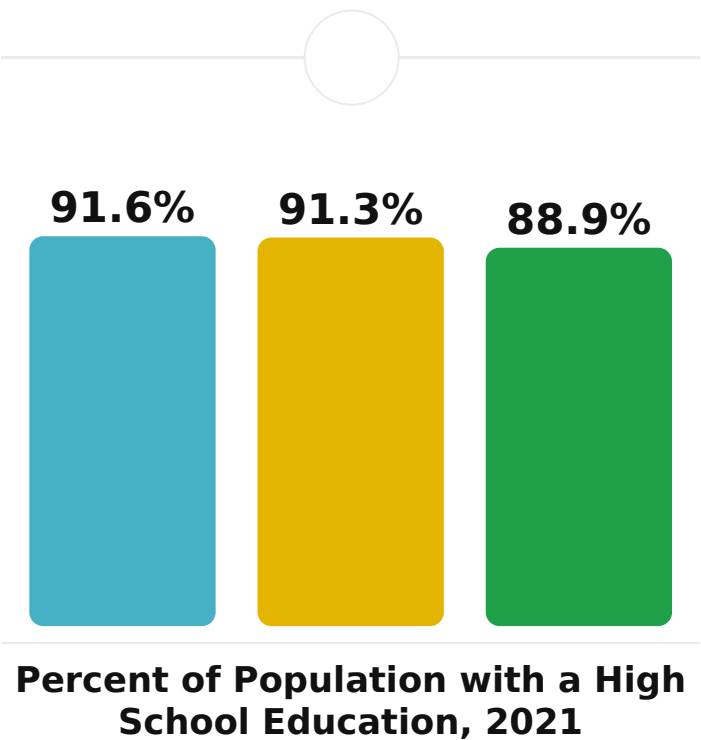


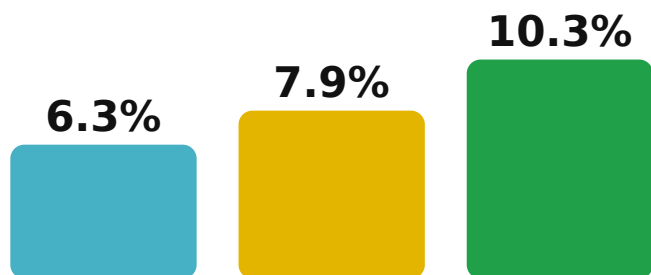
■ National 28.8

■ State 37.2

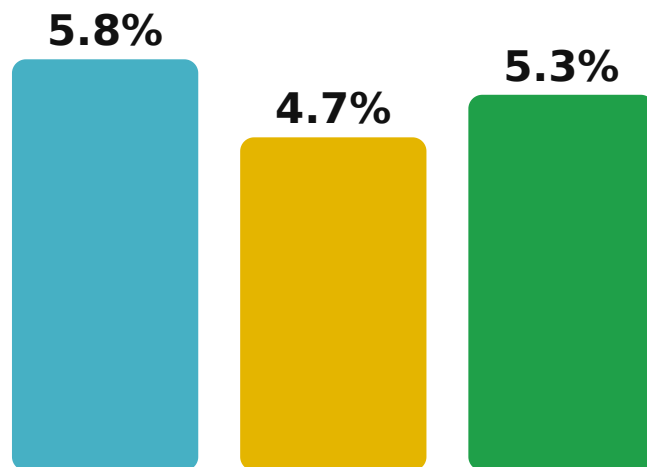
# Social Determinants of Health, 2021

State    Region    United States

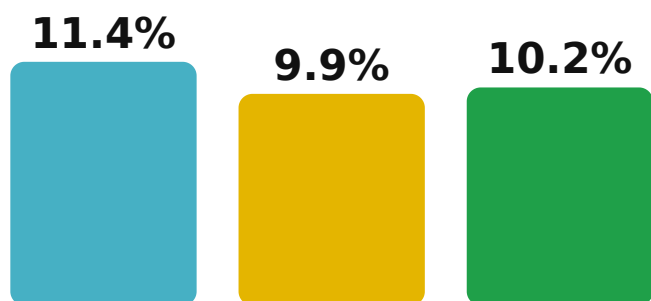




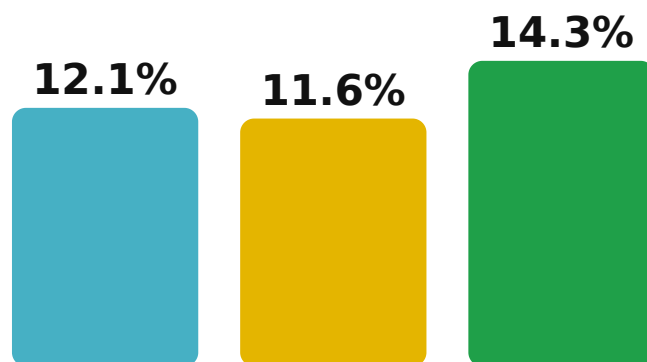
**Percent of Population (<65) Lacking Health Insurance, 2021**



**Percent of Population Unemployed, 2021**

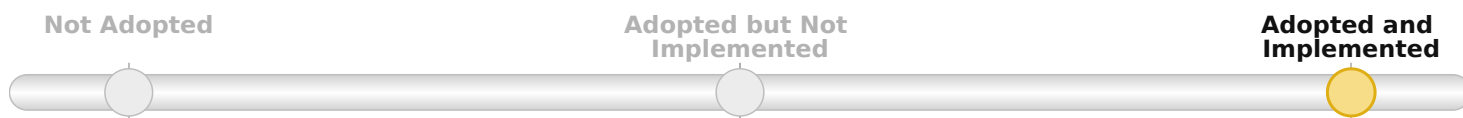


**Percent of Population Living with Food Insecurity, 2021**



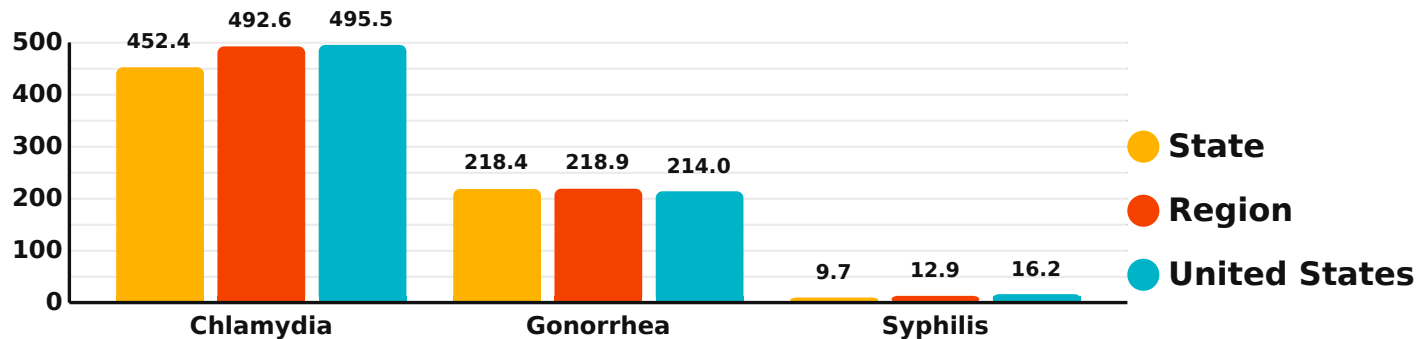
**Percent of Population Living in Unstable Housing, 2021**

## Medicaid Expansion, 2023



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

## 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](#).

