

Local Data: Massachusetts

In 2021, there were 21,122 people living with HIV in Massachusetts.

In 2021, 440 people were newly diagnosed with HIV.

HIV Prevalence

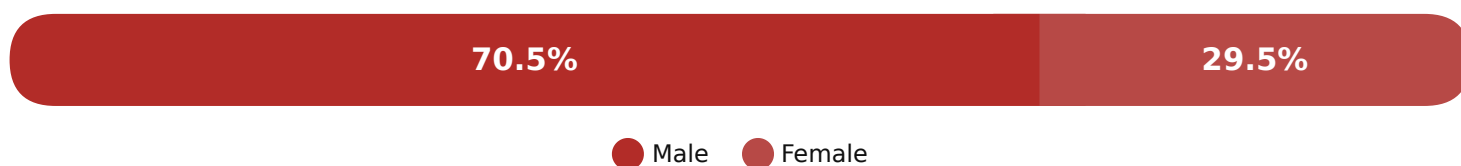
Number of people living with HIV, 2021

21,122

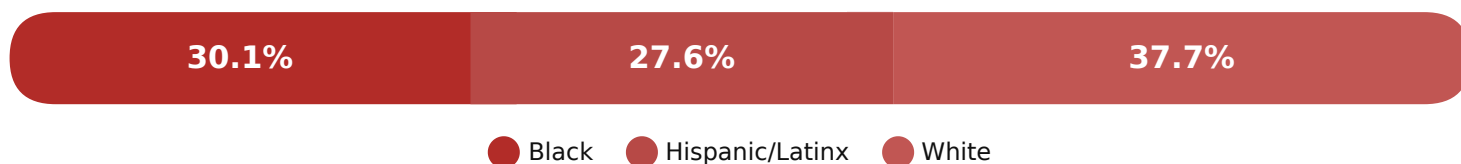
Rate of people living with HIV per 100,000 population, 2021

350

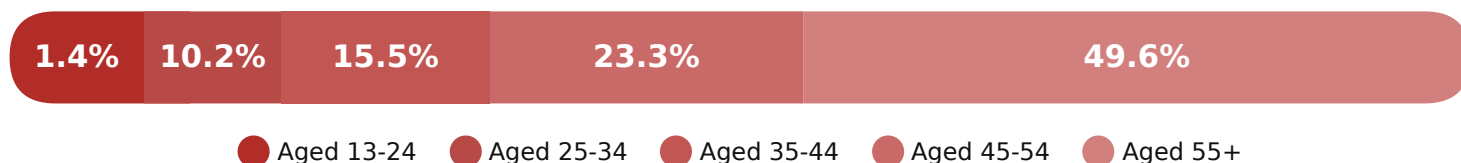
Percent of people living with HIV, by Sex, 2021



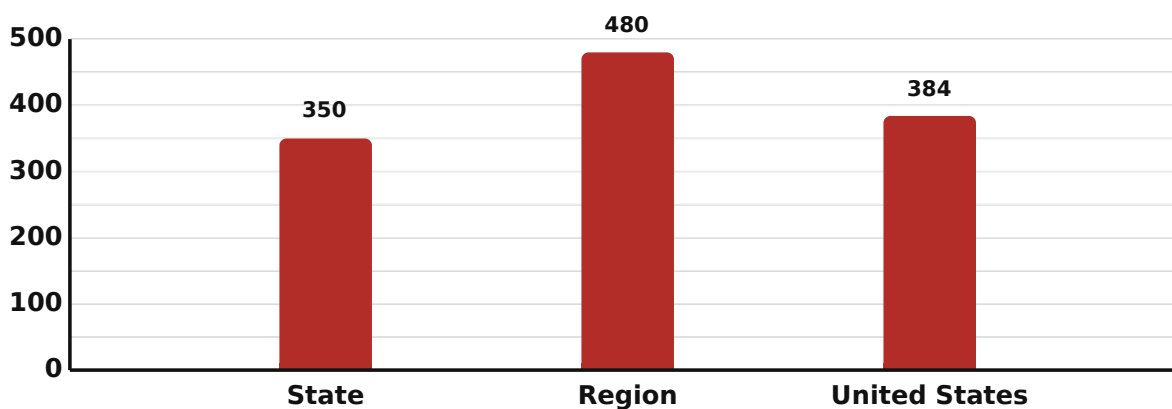
Percent of people living with HIV, by Race/Ethnicity, 2021



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

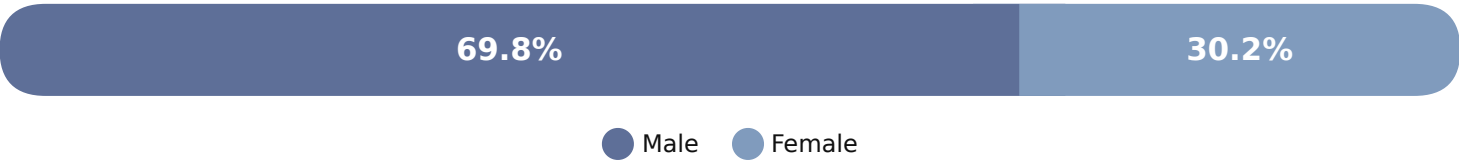
Number of new HIV diagnoses, 2021

440

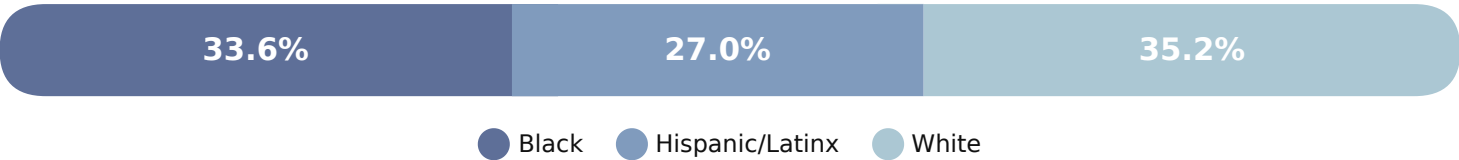
Rate of new HIV diagnoses per 100,000 population, 2021

7

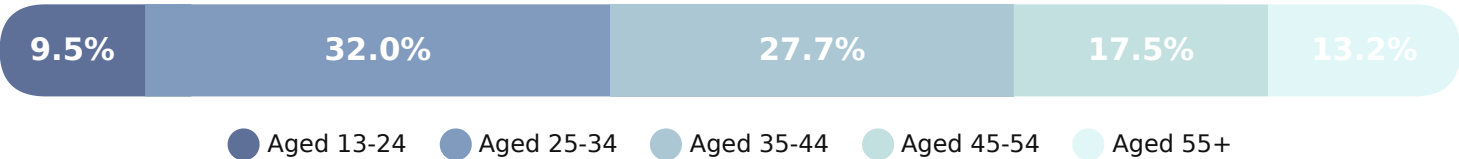
Percent of people newly diagnosed with HIV, by Sex, 2021



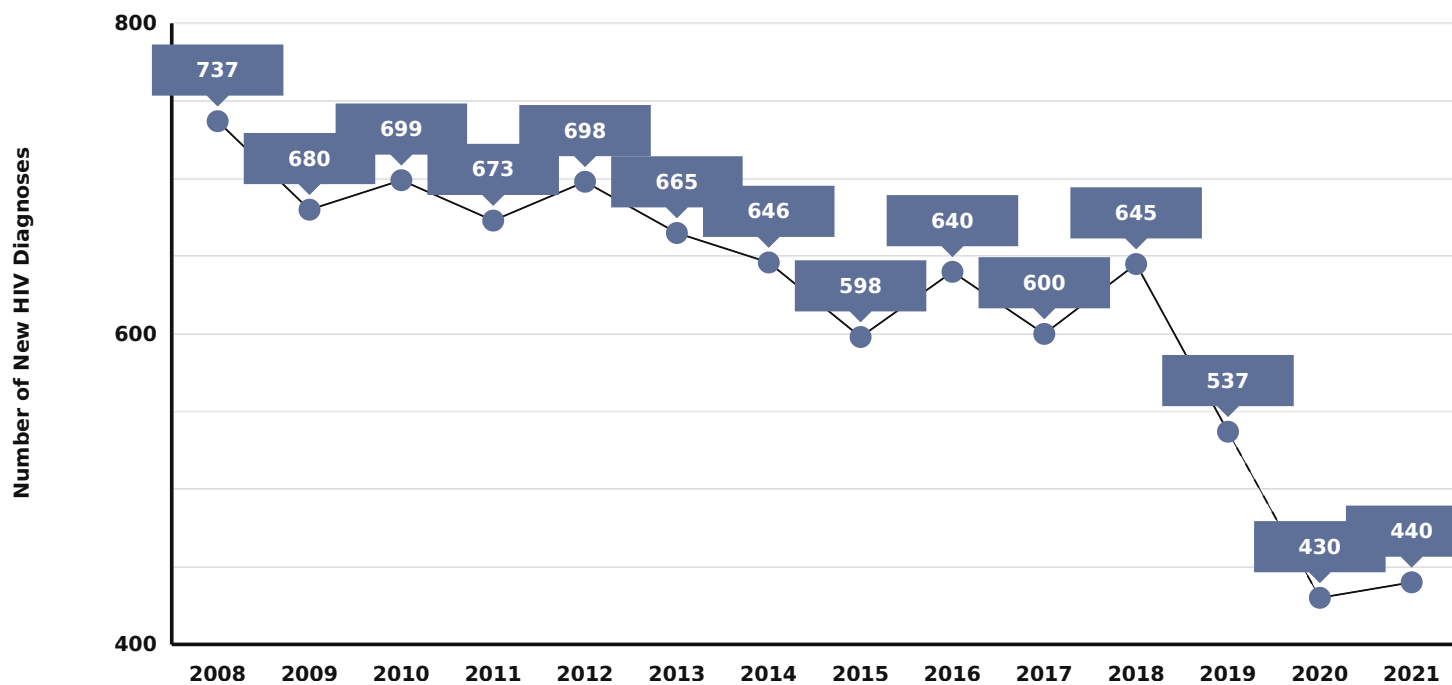
Percent of people newly diagnosed with HIV, by Race/Ethnicity, 2021



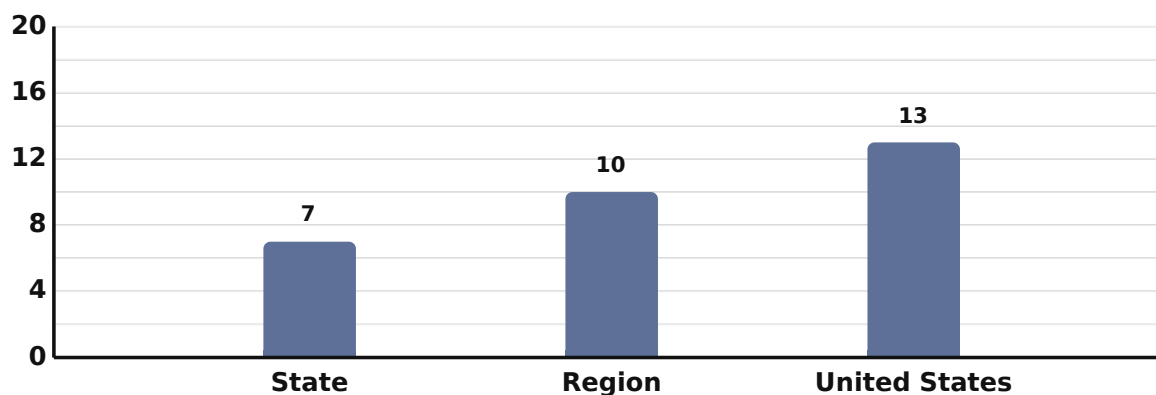
Percent of people newly diagnosed with HIV, by Age, 2021



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)

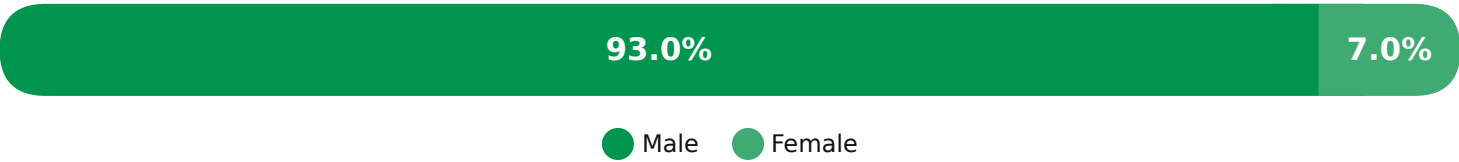
Number of PrEP users, 2022

12,990

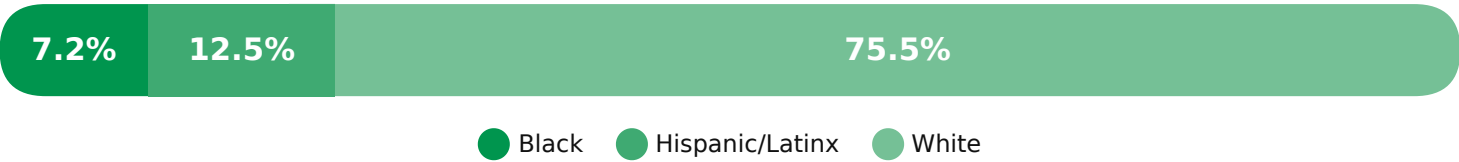
Rate of PrEP users per 100,000 population, 2022

215

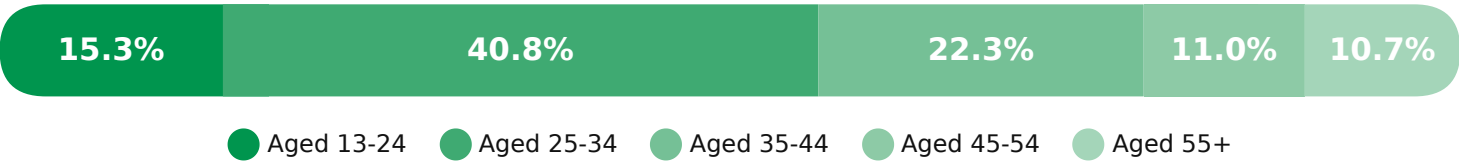
Percent of PrEP users, by Sex, 2022



Percent of PrEP users, by Race/Ethnicity, 2022

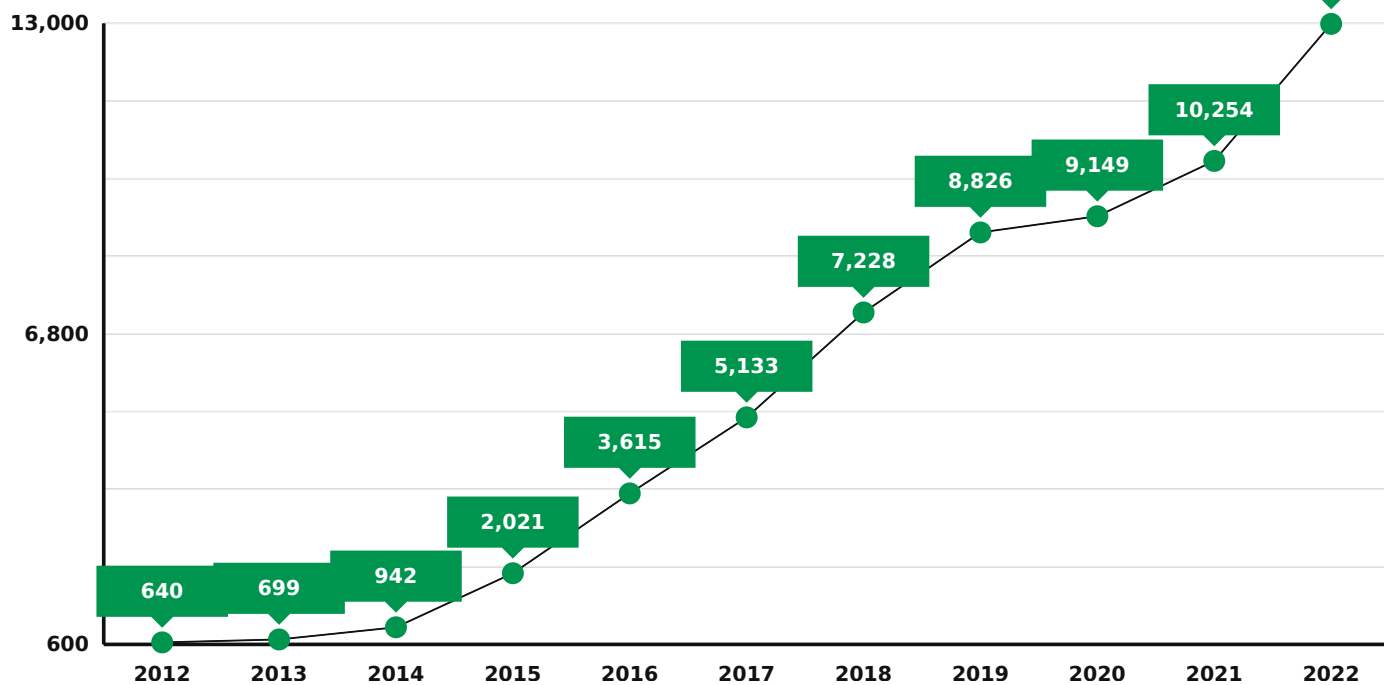


Percent of PrEP users, by Age, 2022



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

29.52

PNR, by Sex, 2022

Male: 39.36

Female: 6.80

PNR, by Race/Ethnicity, 2022

Black: 6.33

Hispanic/Latinx: 13.64

White: 63.24

PNR, by Age, 2022

Aged 13-24: 47.33

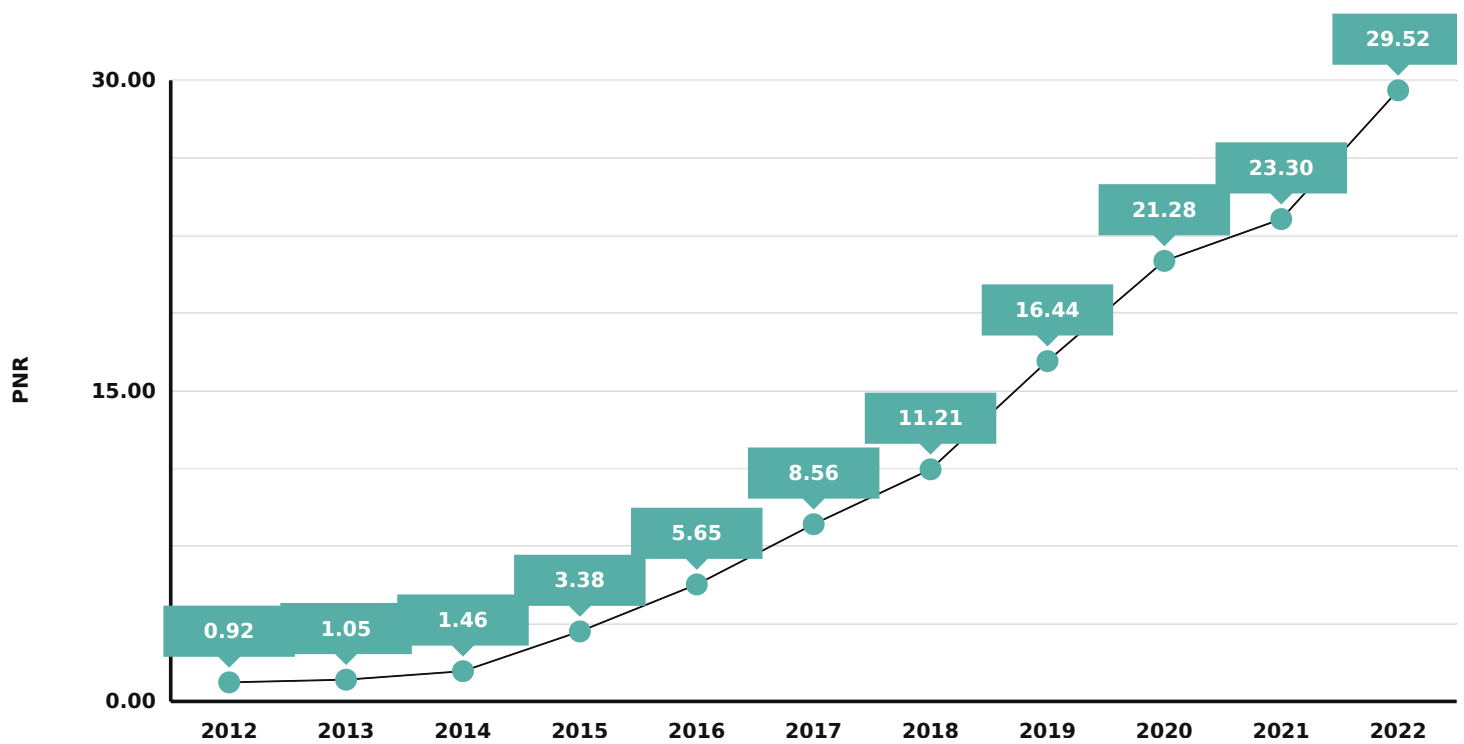
Aged 25-34: 37.56

Aged 35-44: 23.70

Aged 45-54: 18.49

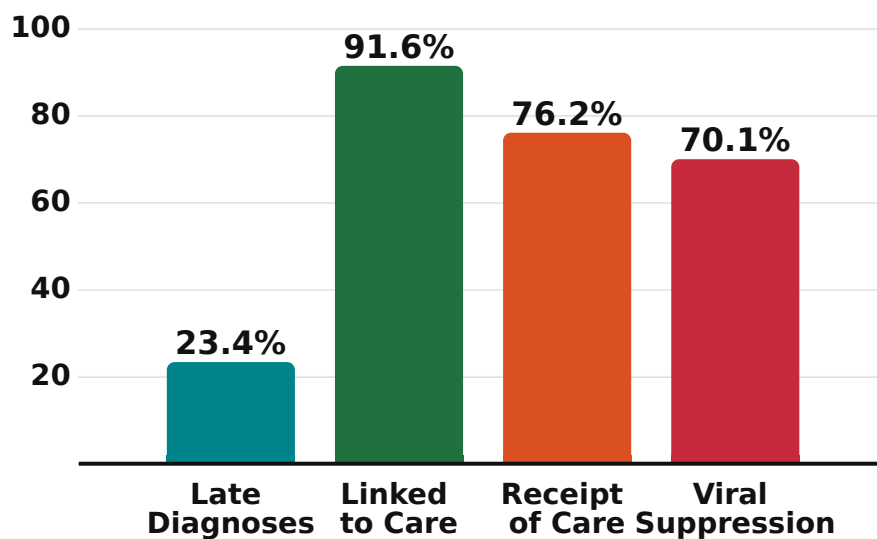
Aged 55+: 23.93

PNR, 2012-2022



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

103

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

Black: 35.1%

Hispanic/Latinx: 20.2%

White: 14.8%

Percent of new HIV diagnoses that were diagnosed late, 2021

23.4%

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

403

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

Male: 91.2%

Female: 92.5%

Proportion of people virally suppressed, by Race/Ethnicity, 2021

Black: 91.2%

Hispanic/Latinx: 97.5%

White: 87.1%

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

91.6%

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

Aged 13-24: 90.5%

Aged 25-34: 90.1%

Aged 35-44: 93.4%

Aged 45-54: 90.9%

Aged 55+: 93.1%

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

15,742

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

Male: 75.8%

Female: 76.9%

Proportion of people virally suppressed, by Race/Ethnicity, 2021

Black: 74.4%

Hispanic/Latinx: 74.5%

White: 79.0%

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

76.2%

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

Aged 13-24: 83.1%

Aged 25-34: 78.1%

Aged 35-44: 74.8%

Aged 45-54: 75.1%

Aged 55+: 76.5%

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

14,483

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

Male: 70.3%

Female: 69.5%

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

Black: 67.2%

Hispanic/Latinx: 68.6%

White: 73.5%

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

70.1%

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

Aged 13-24: 71.7%

Aged 25-34: 70.1%

Aged 35-44: 67.9%

Aged 45-54: 69.3%

Aged 55+: 71.1%

HIV Mortality

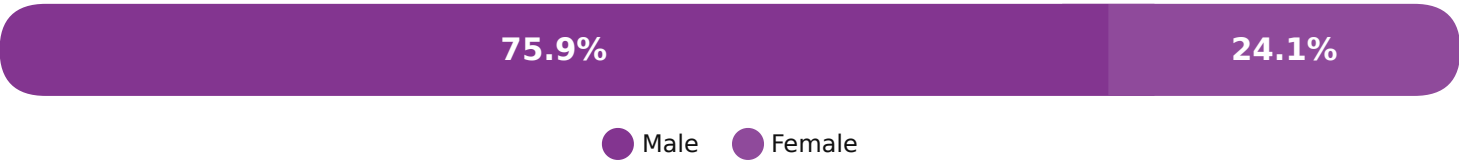
Number of deaths of people with HIV, 2021

340

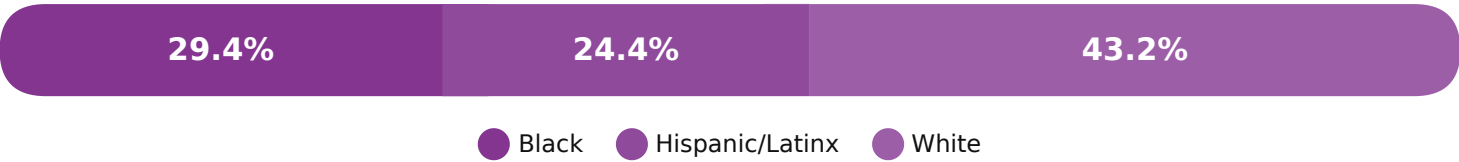
Rate of deaths of people with HIV per 100,000 population, 2021

6

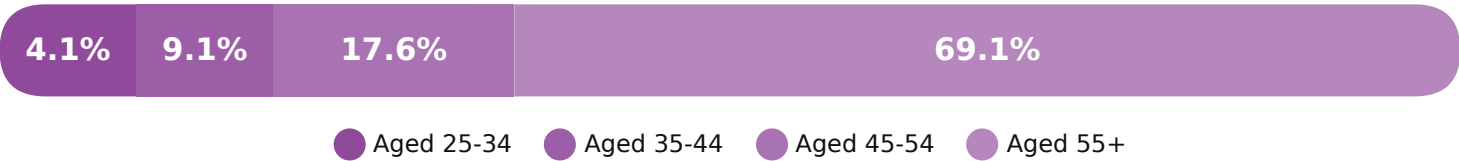
Percent of deaths of people with HIV, by Sex, 2021



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



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

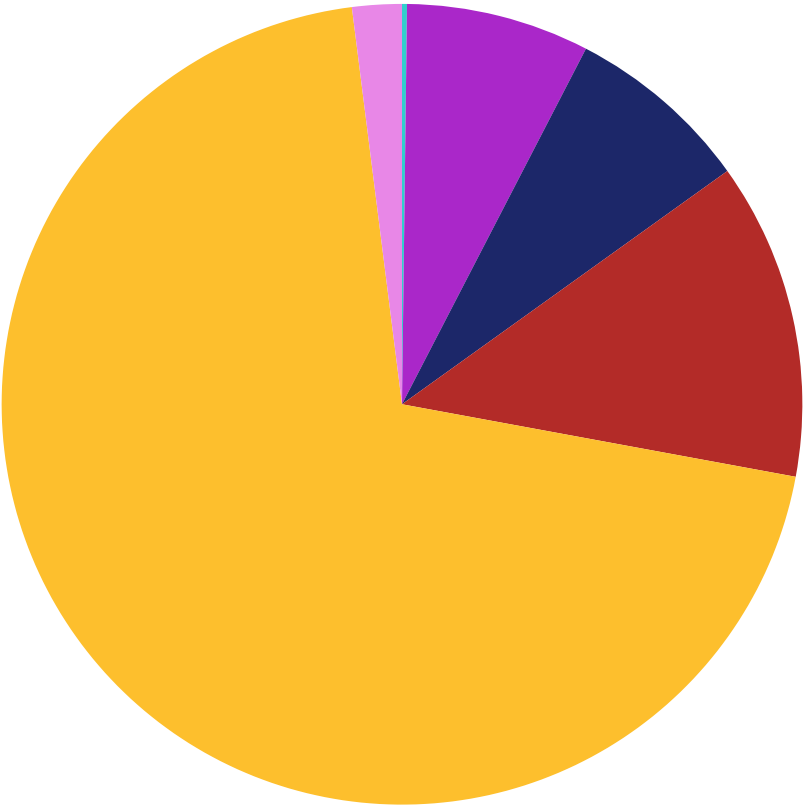
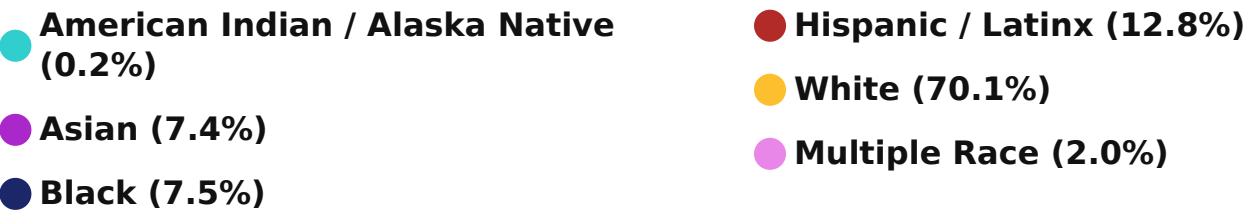


Demographics, 2021

Total Population

6,984,723

State Population by Race/Ethnicity



HIV Prevalence Rate Ratios, by Race/Ethnicity, 2021

The rate of **Black males** living with an HIV diagnosis is 5.1 times that of **White males**.

The rate of **Hispanic/Latino males** living with an HIV diagnosis is 3.7 times that of **White males**.

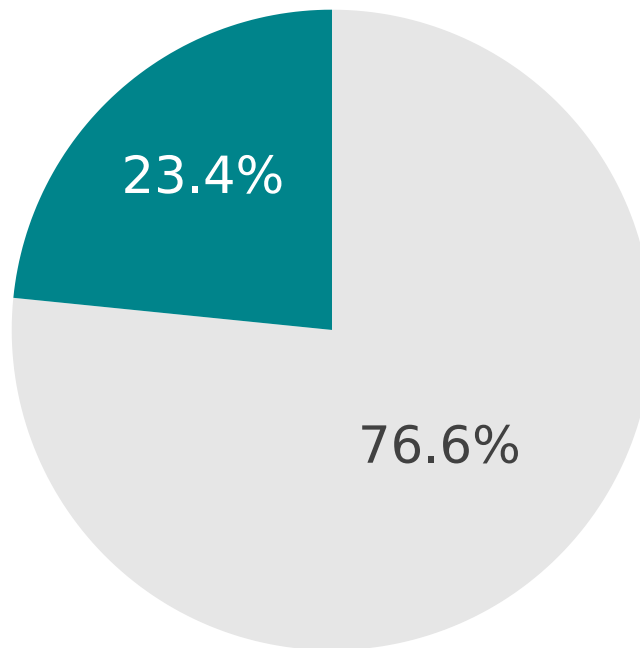
The rate of **Black females** living with an HIV diagnosis is 22.4 times that of **White females**.

The rate of **Hispanic/Latina females** living with an HIV diagnosis is 8.4 times that of **White females**.

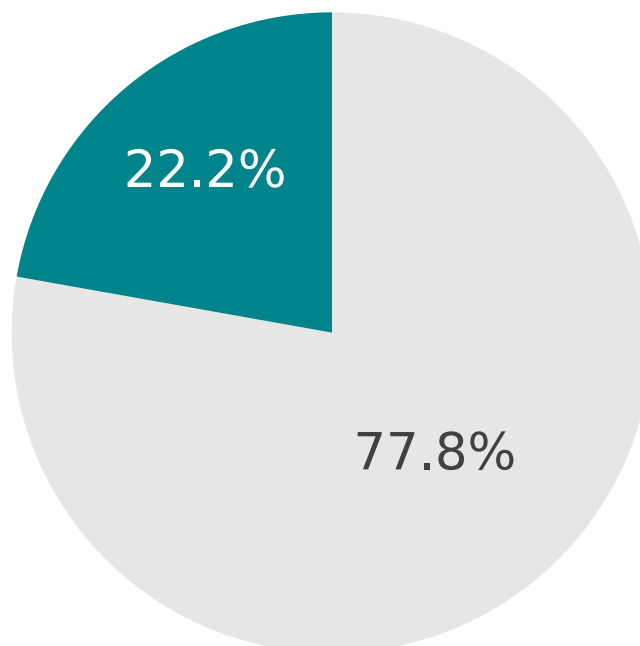
Late HIV Diagnoses, 2021

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

State



Region



United States

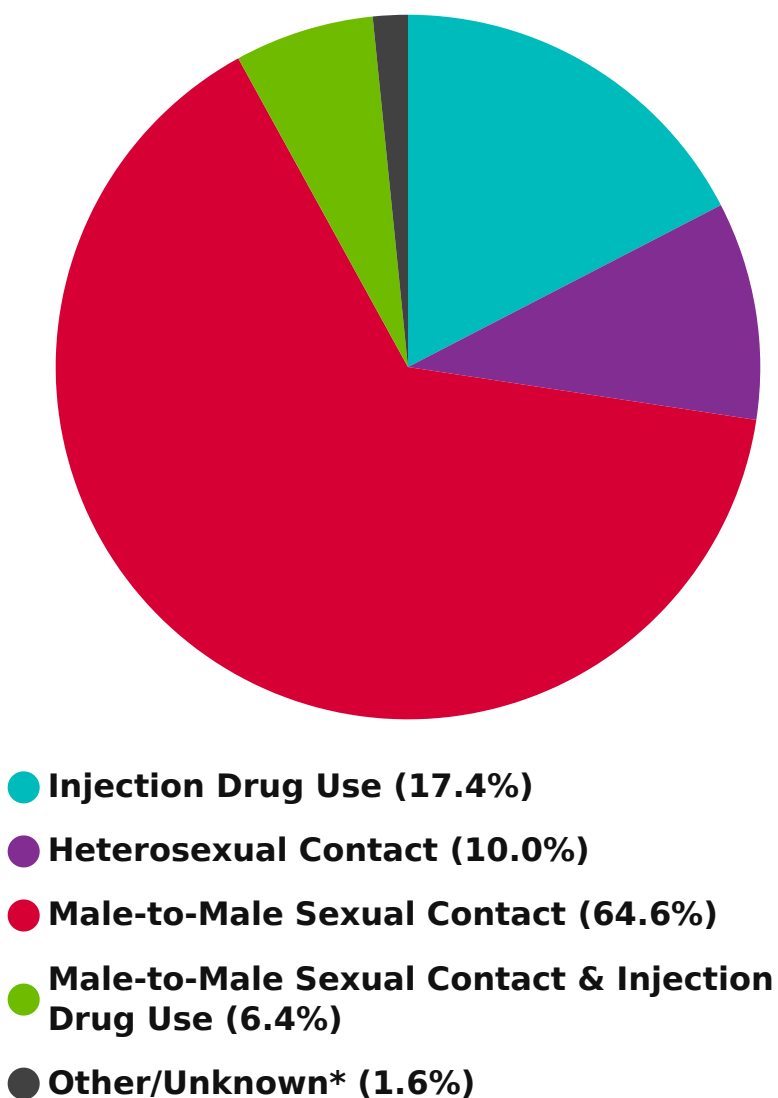


● Diagnosed with HIV ● Diagnosed with AIDS

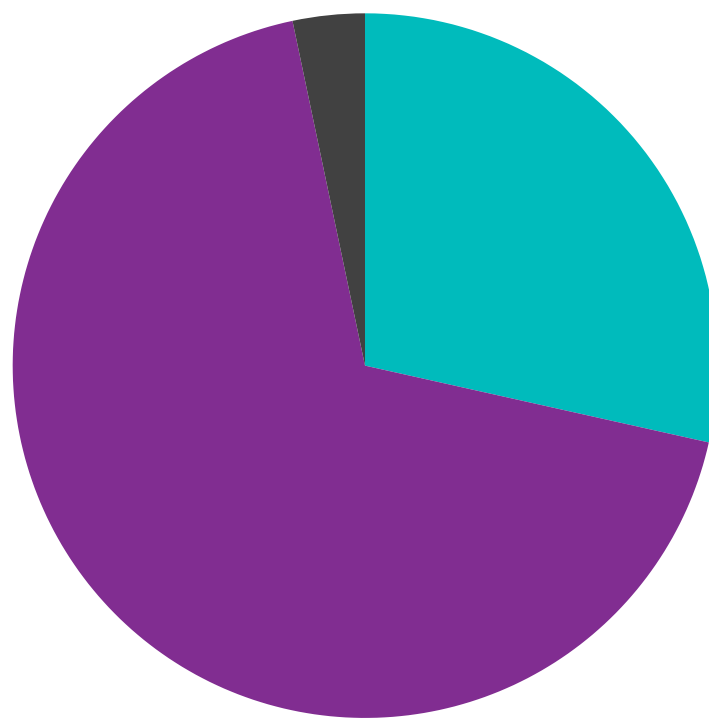
People Living with HIV, by Transmission Category, 2021

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

Male Transmission Categories



Female Transmission Categories



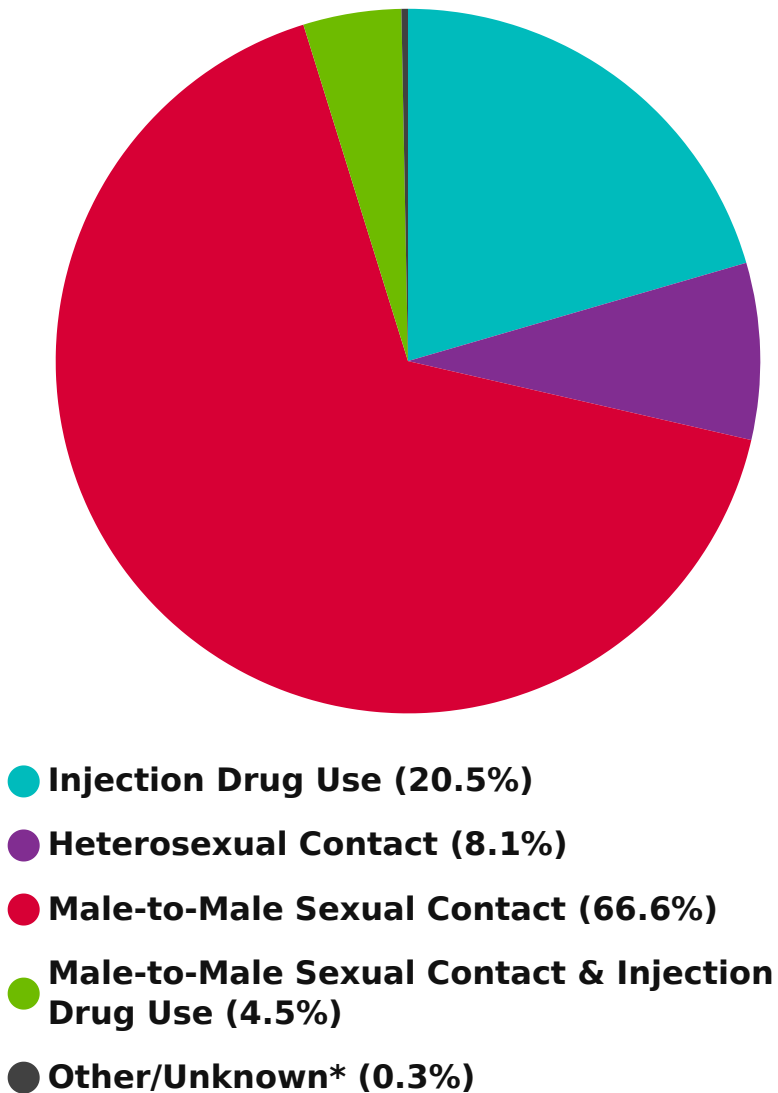
- **Injection Drug Use (28.5%)**
- **Heterosexual Contact (68.2%)**
- **Other/Unknown* (3.3%)**

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

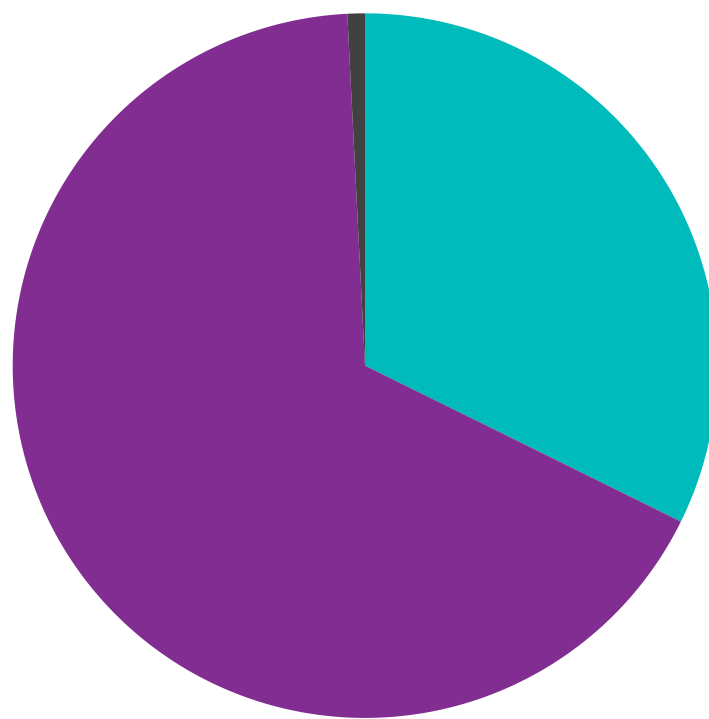
People Newly Diagnosed with HIV, by Transmission Category, 2021

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

Male Transmission Categories



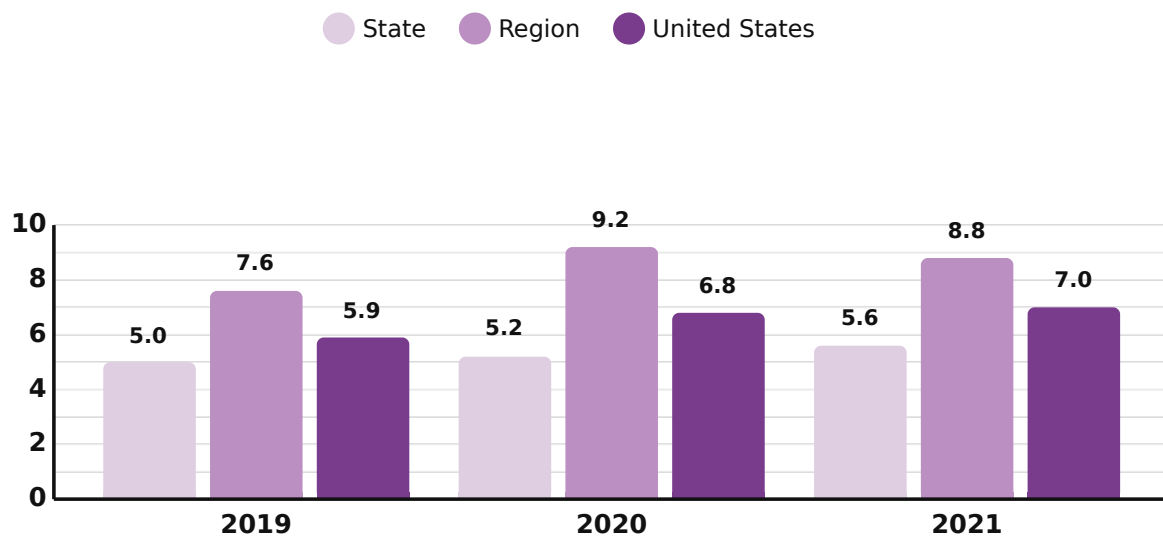
Female Transmission Categories



- **Injection Drug Use (32.3%)**
- **Heterosexual Contact (66.9%)**
- **Other/Unknown* (0.8%)**

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

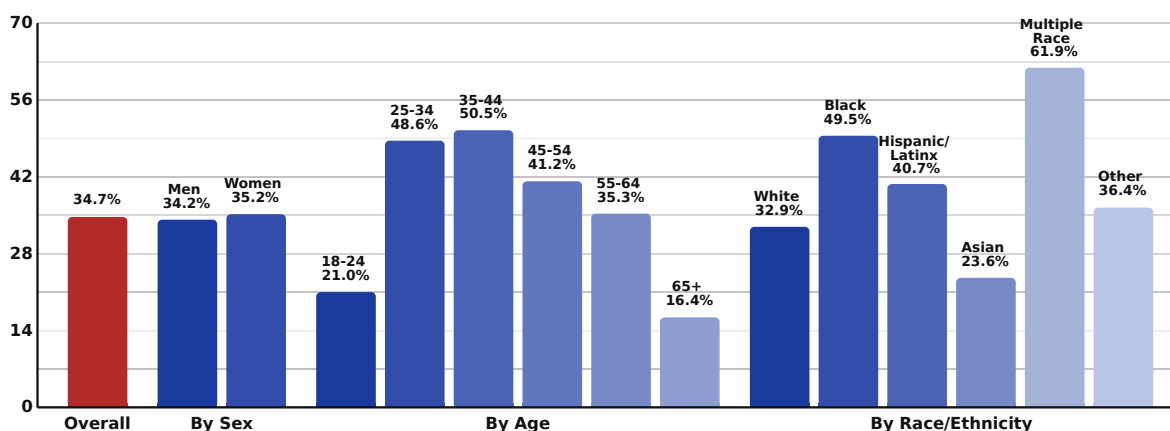
HIV Mortality Rates, 2019-2021



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

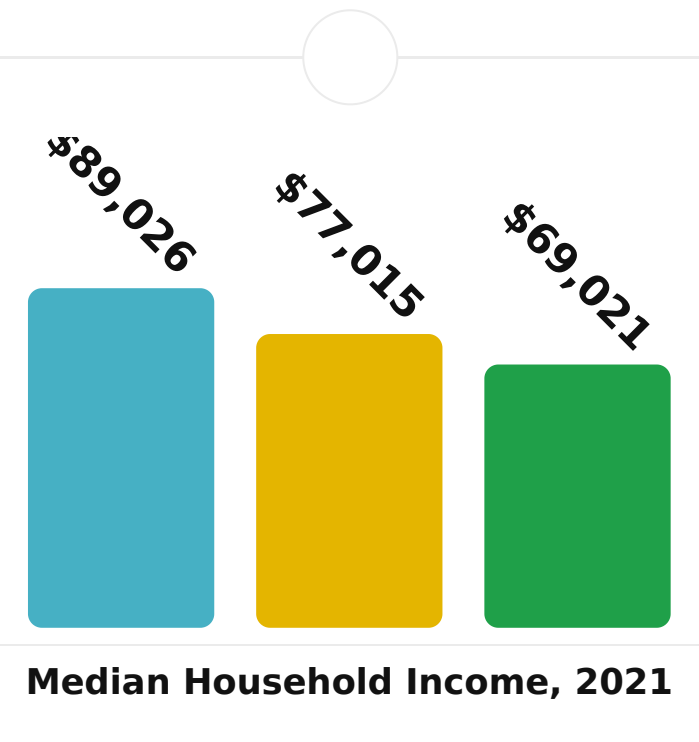
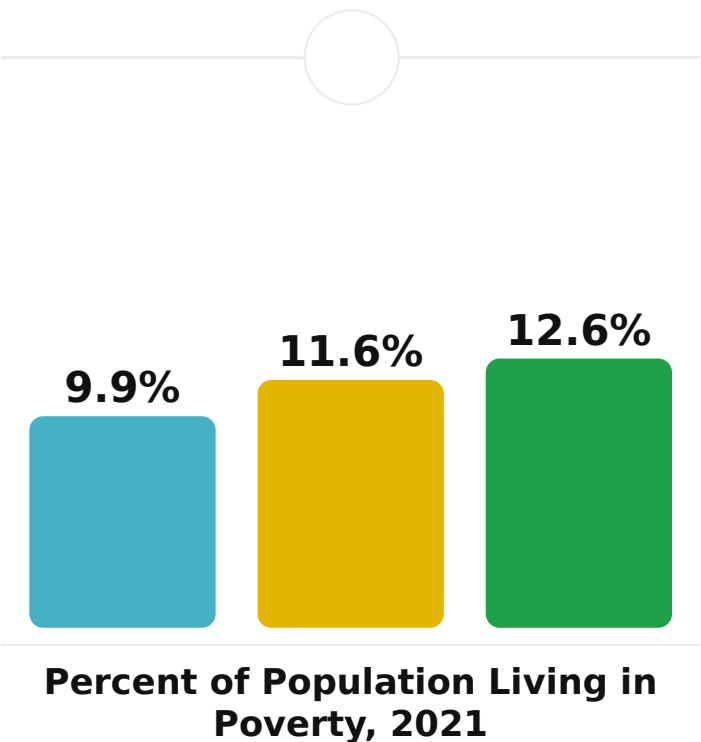
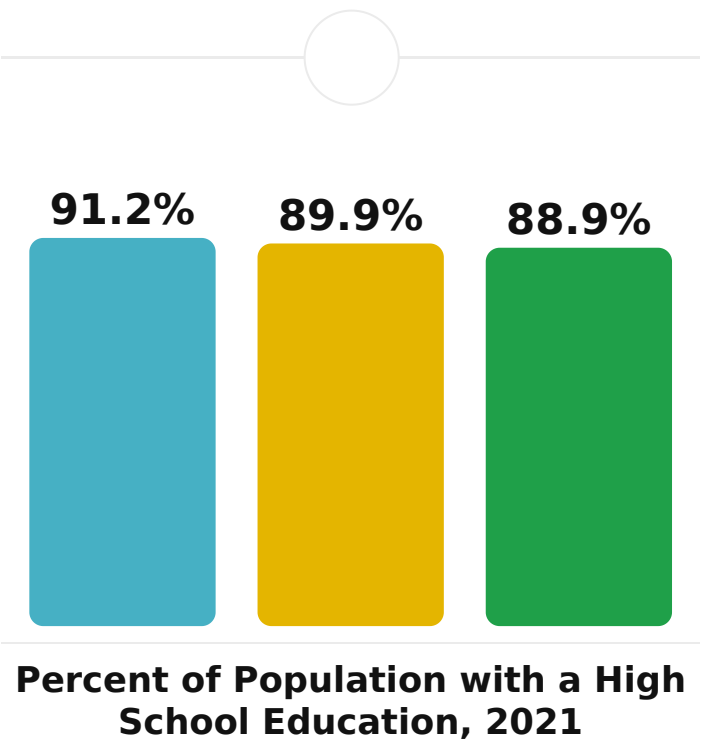
HIV Testing, 2021

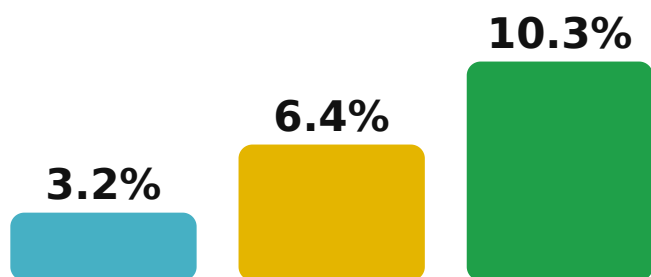
These data represent 2021 weighted estimates of HIV testing prevalence by selected demographic characteristics, based on responses to the Behavioral Risk Factor Surveillance System (BRFSS) survey question, "Have you ever been tested for HIV?"



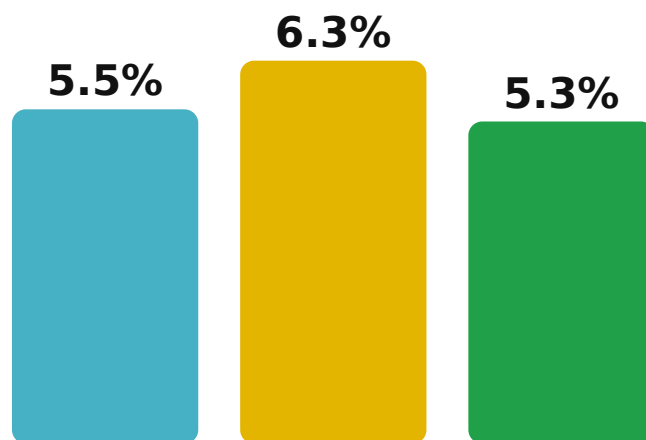
Social Determinants of Health, 2021

State Region United States

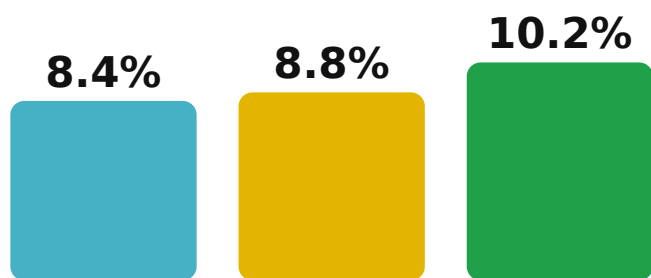




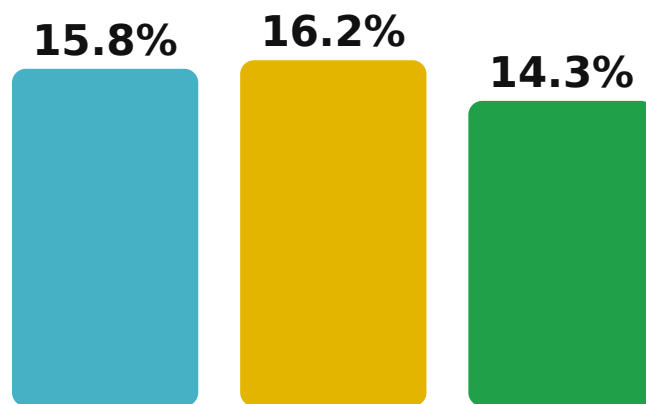
Percent of Population (<65) Lacking Health Insurance, 2021



Percent of Population Unemployed, 2021

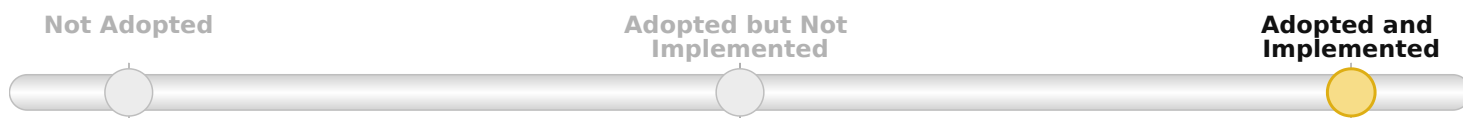


Percent of Population Living with Food Insecurity, 2021



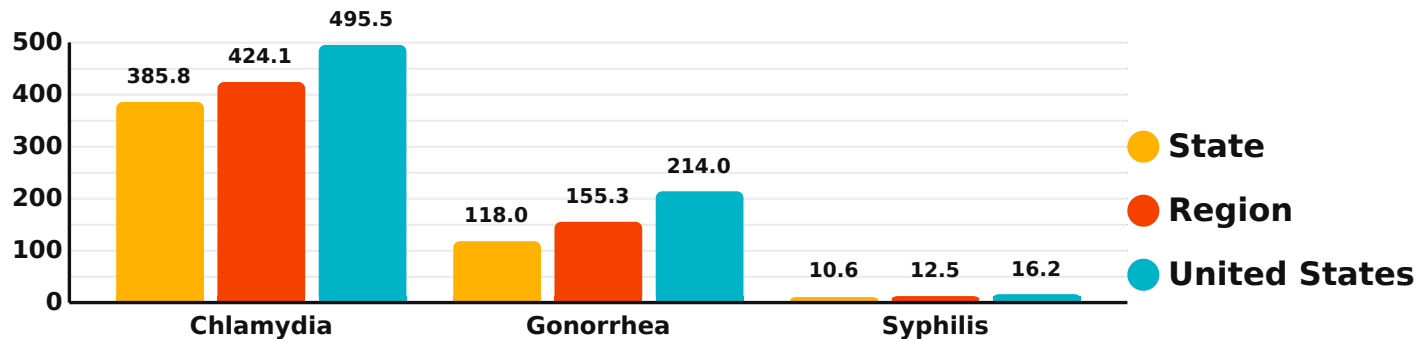
Percent of Population Living in Unstable Housing, 2021

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](#).

