

# Local Data: Massachusetts

In 2020, there were 21,047 people living with HIV in Massachusetts.

In 2020, 434 people were newly diagnosed with HIV.

# HIV Prevalence

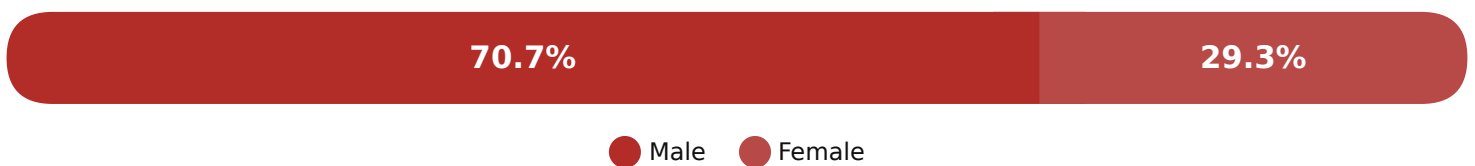
Number of people living with HIV, 2020

**21,047**

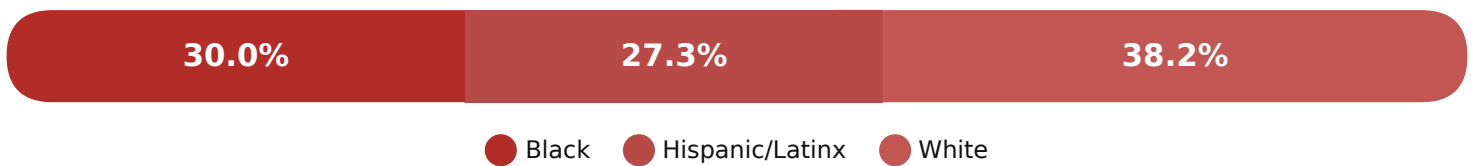
Rate of people living with HIV per 100,000 population, 2020

**354**

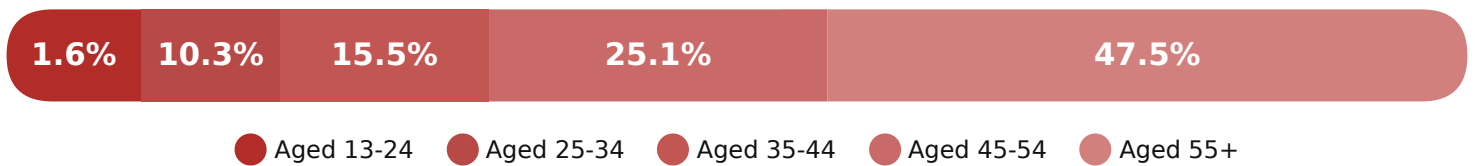
Percent of people living with HIV, by Sex, 2020



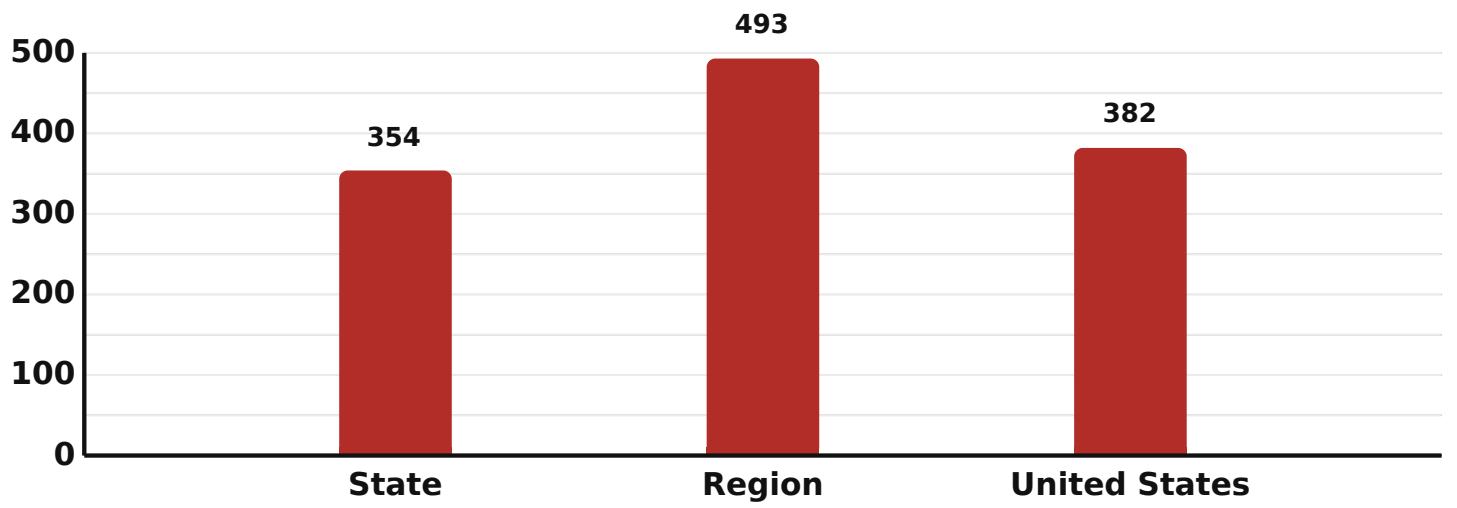
Percent of people living with HIV, by Race/Ethnicity, 2020



Percent of people living with HIV, by Age, 2020



Rate of people living with HIV per 100,000 population, by Geography, 2020



# New HIV Diagnoses

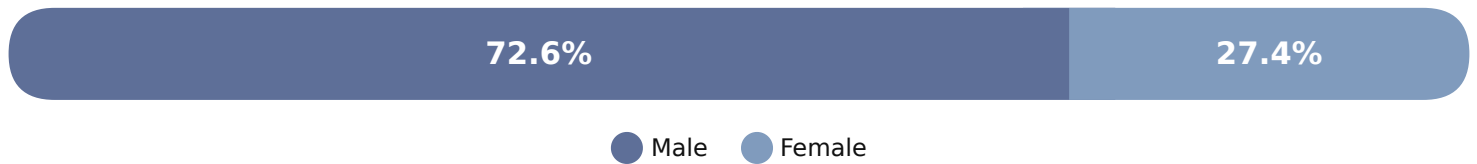
Number of new HIV diagnoses, 2020

**434**

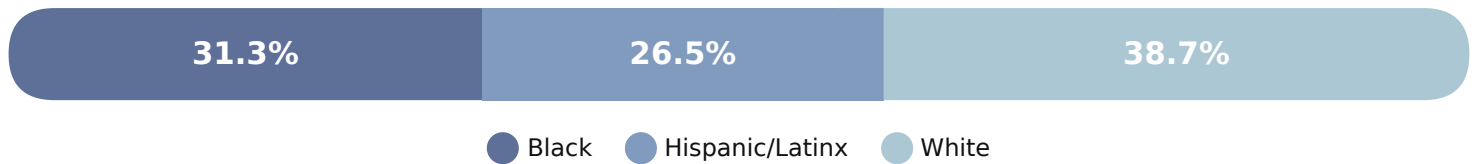
Rate of new HIV diagnoses per 100,000 population, 2020

**7**

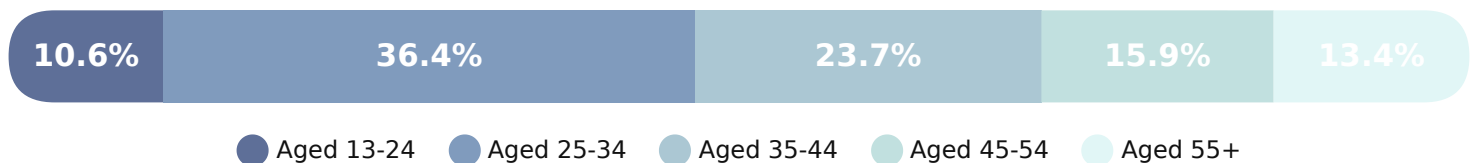
Percent of people newly diagnosed with HIV, by Sex, 2020



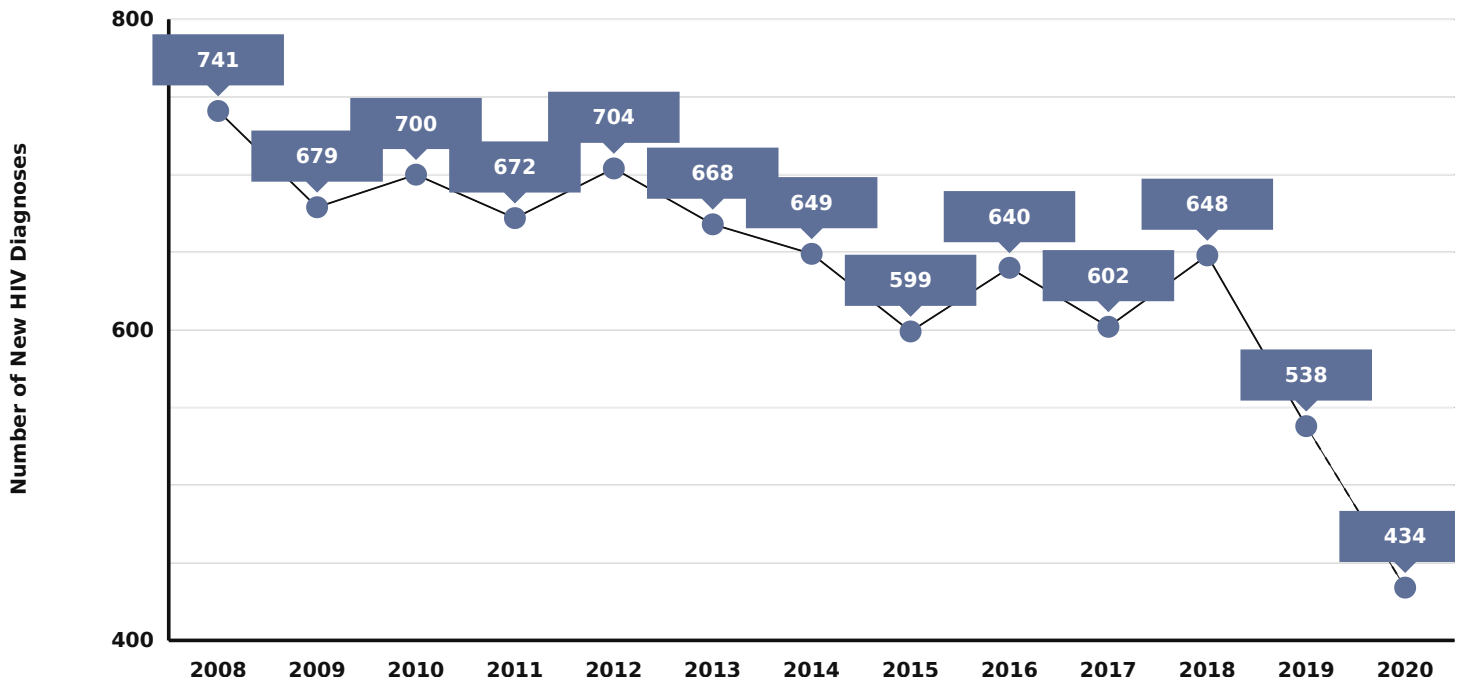
Percent of people newly diagnosed with HIV, by Race/Ethnicity, 2020



Percent of people newly diagnosed with HIV, by Age, 2020

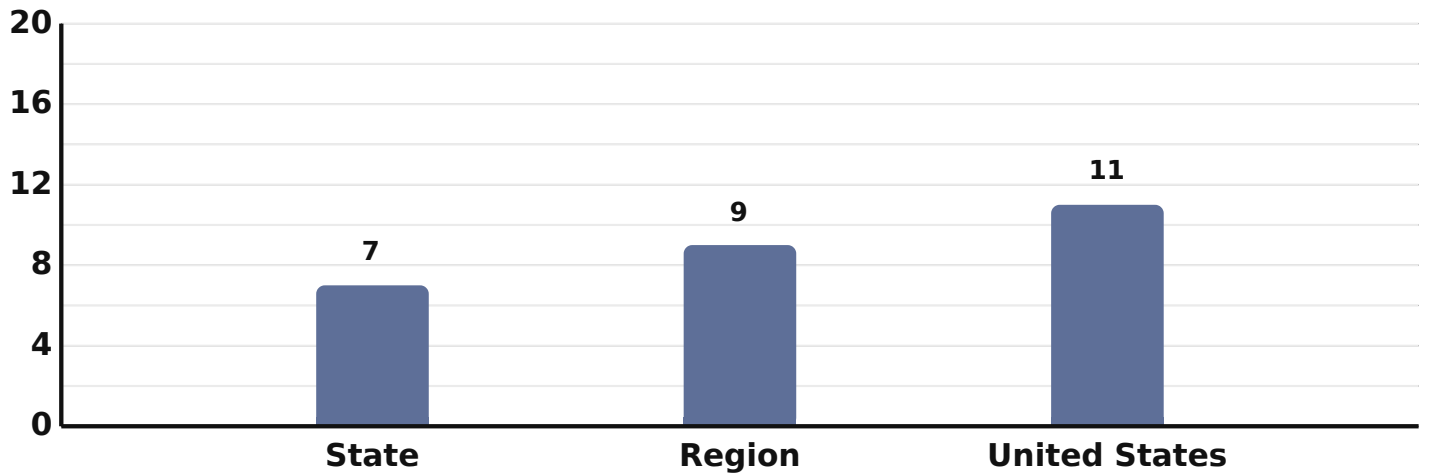


Number of New HIV Diagnoses, 2008-2020



Due to the COVID-19 pandemic, data from 2020 should be interpreted with caution.

Rate of people newly diagnosed with HIV per 100,000 population, by Geography, 2020



# PrEP (Pre-Exposure Prophylaxis)

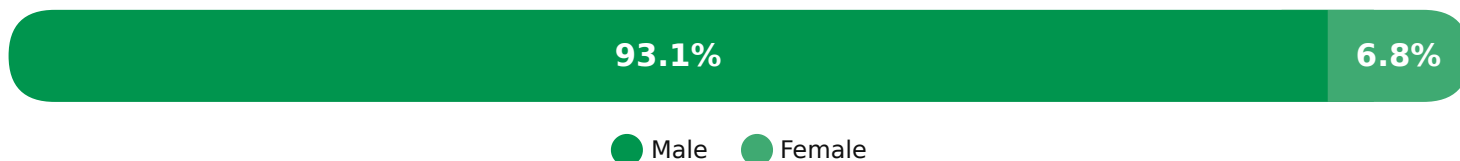
Number of PrEP users, 2021

**10,301**

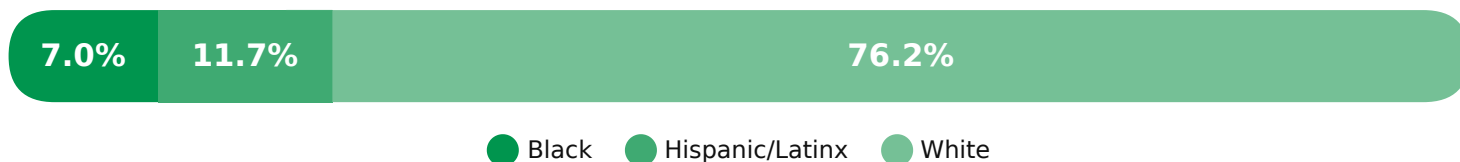
Rate of PrEP users per 100,000 population, 2021

**173**

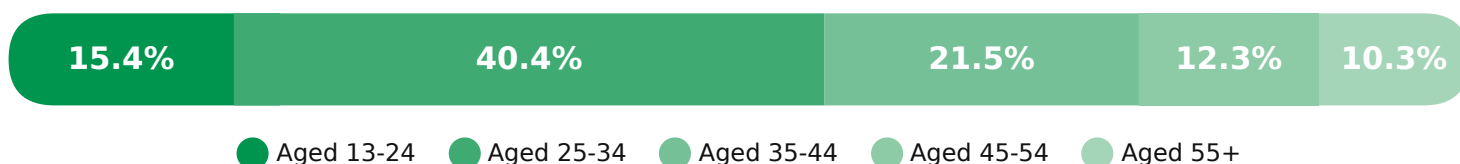
Percent of PrEP users, by Sex, 2021



Percent of PrEP users, by Race/Ethnicity, 2021

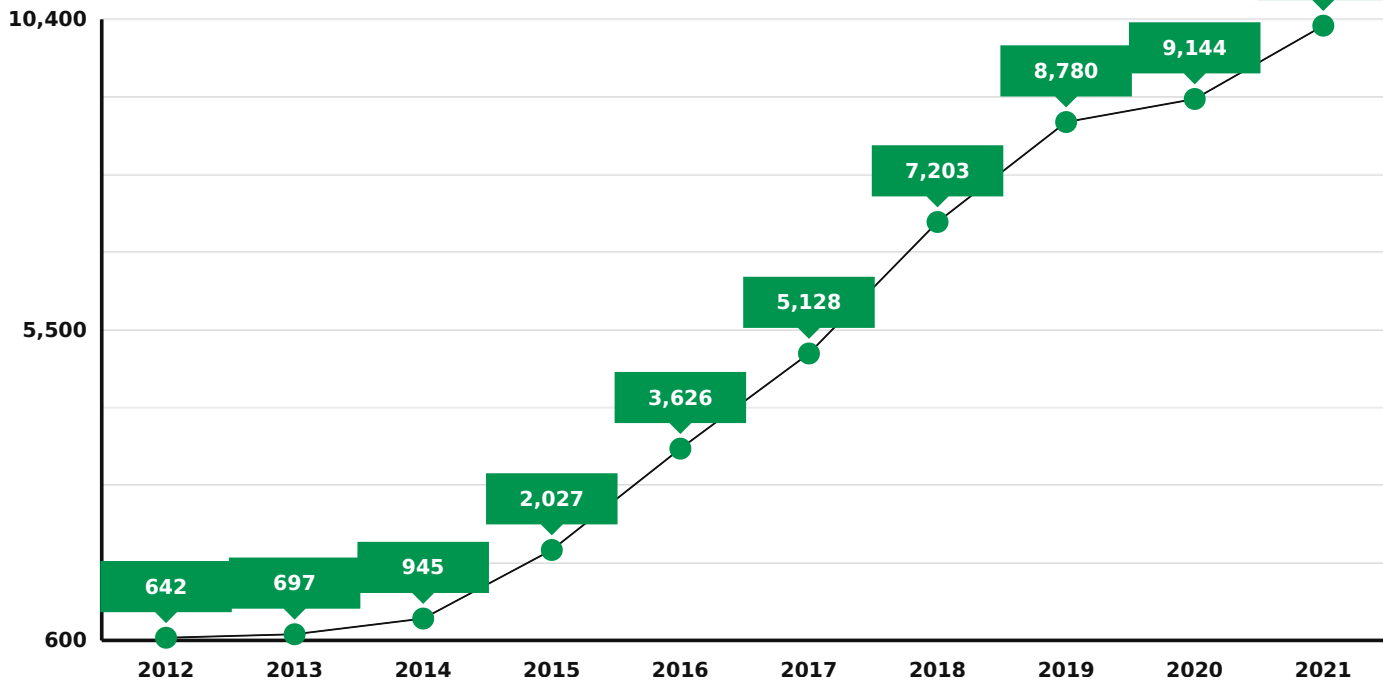


Percent of PrEP users, by Age, 2021



Number of PrEP Users, 2012-2021

Number of PrEP Users



# PrEP-to-Need Ratio (PNR)

*The 2021 PrEP-to-Need Ratio (PNR) is the ratio of the number of PrEP users in 2021 to the number of people newly diagnosed with HIV in 2020. PNR serves as a measurement for whether PrEP use appropriately reflects the need for HIV prevention. A lower PNR indicates more unmet need.*

PNR, 2021

**23.74**

PNR, by Sex, 2021

**Male: 30.44**

**Female: 5.92**

PNR, by Race/Ethnicity, 2021

**Black: 5.32**

**Hispanic/Latinx: 10.47**

**White: 46.75**

PNR, by Age, 2021

**Aged 13-24: 34.57**

**Aged 25-34: 26.33**

**Aged 35-44: 21.51**

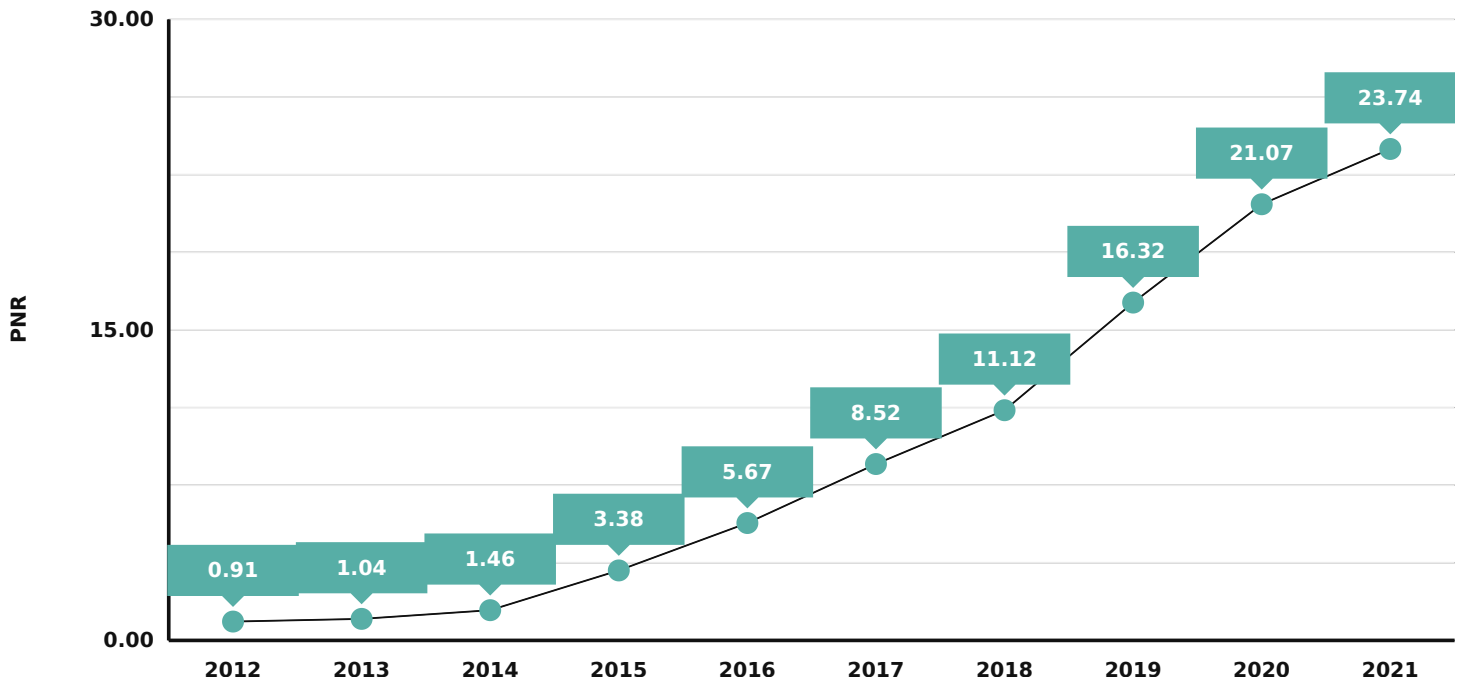
**Aged 45-54: 18.38**

**Aged 55+: 18.28**

PNR, 2012-2021

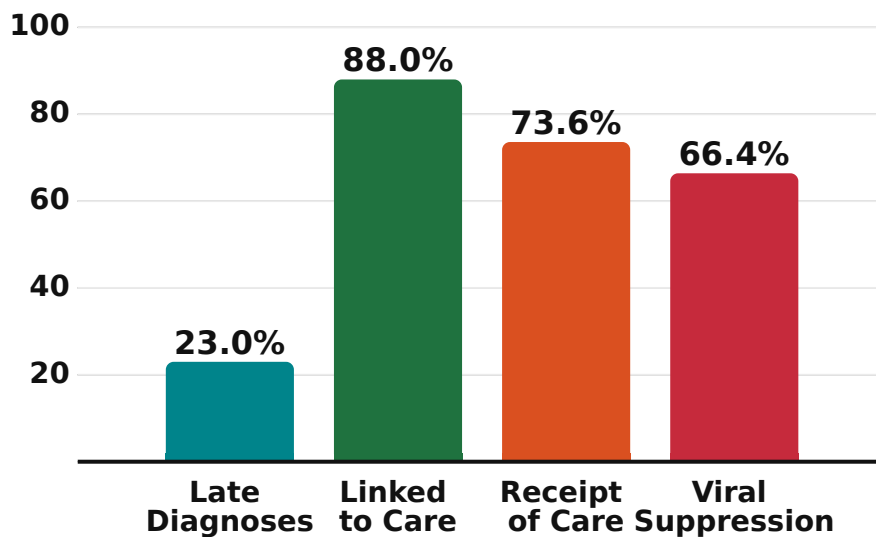
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## HIV Continuum of Care, 2020

*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, 2020**

# 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, 2020

**100**

Proportion of people with a late HIV diagnoses, by Race/Ethnicity, 2020

**Black: 27.9%**

**Hispanic/Latinx: 19.1%**

**White: 21.4%**

Percent of new HIV diagnoses that were diagnosed late, 2020

**23.0%**

# 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, 2020

**382**

Proportion of people linked to HIV care, by Sex, 2020

**Male: 87.9%**

**Female: 88.2%**

Proportion of people linked to HIV care, by Race/Ethnicity, 2020

**Black: 87.5%**

**Hispanic/Latinx: 89.6%**

**White: 86.9%**

Percent of people diagnosed with HIV and linked to HIV care, 2020

**88.0%**

Proportion of people linked to HIV care, by Age, 2020

**Aged 13-24: 95.7%**

**Aged 25-34: 89.2%**

**Aged 35-44: 82.5%**

**Aged 45-54: 85.5%**

**Aged 55+: 91.4%**

# 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, 2020

**15,169**

Proportion of people linked to HIV care, by Sex, 2020

**Male: 73.5%**

**Female: 74.0%**

Proportion of people linked to HIV care, by Race/Ethnicity, 2020

**Black: 71.5%**

**Hispanic/Latinx: 72.0%**

**White: 76.3%**

Percent of people living with HIV who received HIV care, 2020

**73.6%**

Proportion of people linked to HIV care, by Age, 2020

**Aged 13-24: 81.4%**

**Aged 25-34: 75.0%**

**Aged 35-44: 72.3%**

**Aged 45-54: 73.4%**

**Aged 55+: 73.6%**

# 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, 2020

**13,685**

Proportion of people linked to HIV care, by Sex, 2020

**Male: 66.8%**

**Female: 65.5%**

Proportion of people linked to HIV care, by Race/Ethnicity, 2020

**Black: 63.4%**

**Hispanic/Latinx: 64.5%**

**White: 70.1%**

Percent of people living with HIV who were virally suppressed, 2020

**66.4%**

Proportion of people linked to HIV care, by Age, 2020

**Aged 13-24: 71.2%**

**Aged 25-34: 65.7%**

**Aged 35-44: 63.9%**

**Aged 45-54: 65.6%**

**Aged 55+: 67.8%**

# HIV Mortality

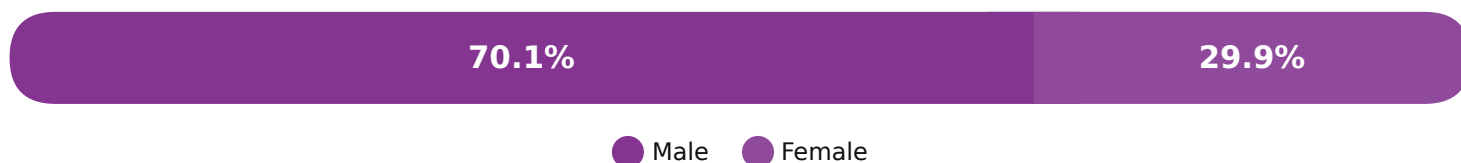
Number of deaths of people with HIV, 2020

**311**

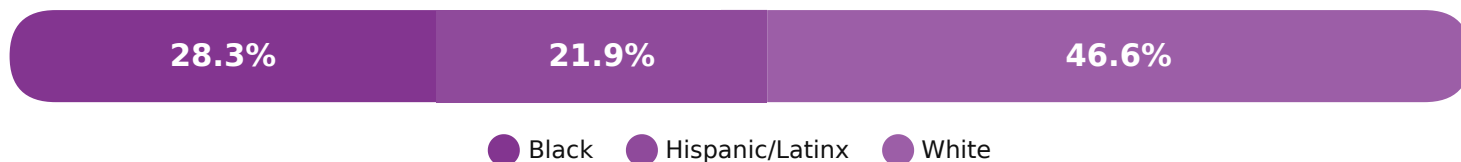
Rate of deaths of people with HIV per 100,000 population, 2020

**5**

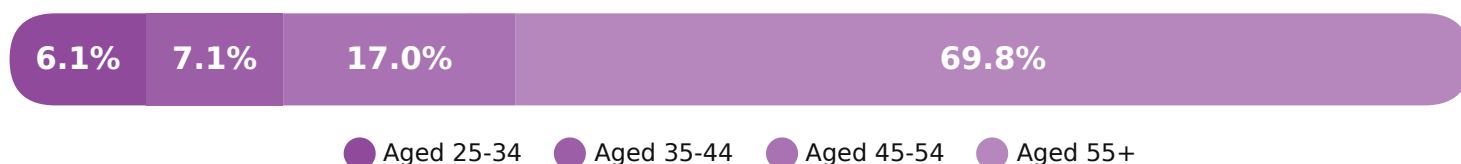
Percent of deaths of people with HIV, by Sex, 2020



Percent of deaths of people with HIV, by Race/Ethnicity, 2020



Percent of deaths of people with HIV, by Age, 2020

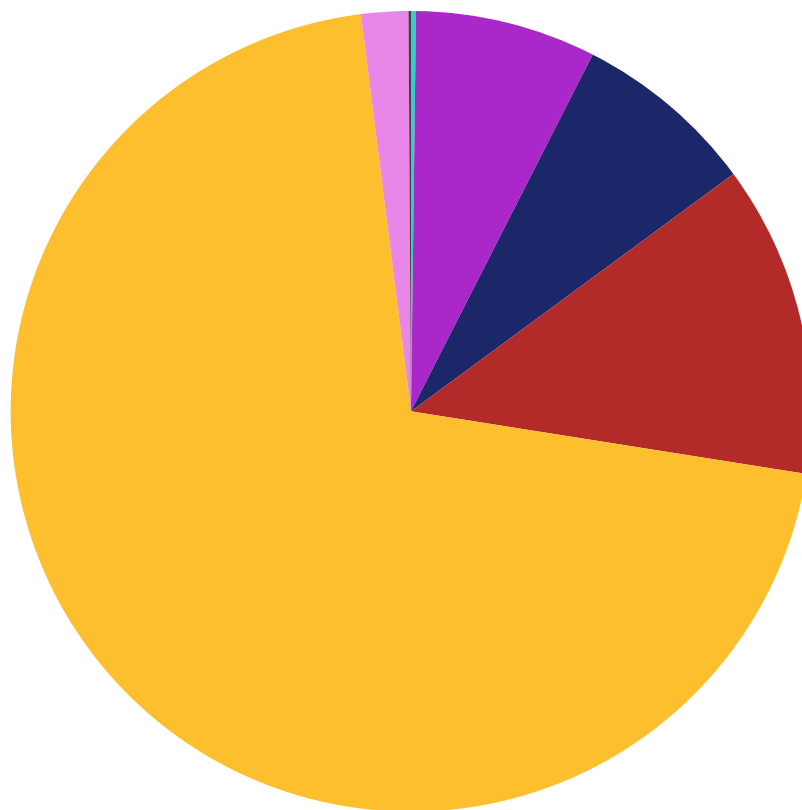
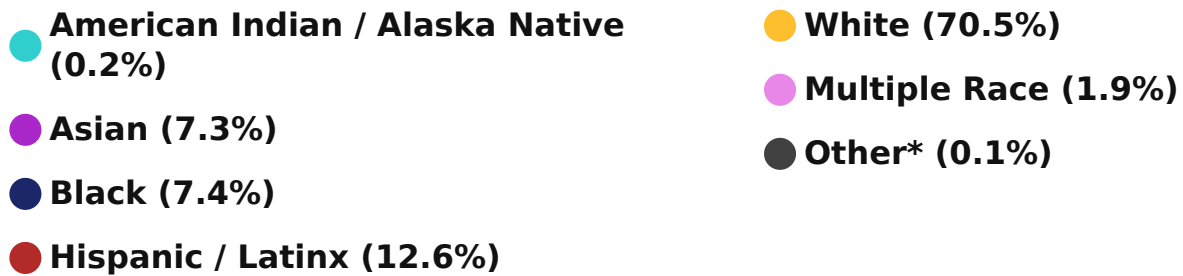


# Demographics, 2020

Total Population

**7,022,220**

## State Population by Race/Ethnicity



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\*Includes other races/ethnicities or missing/suppressed data

# HIV Prevalence Rate Ratios, by Race/Ethnicity, 2020

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

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

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

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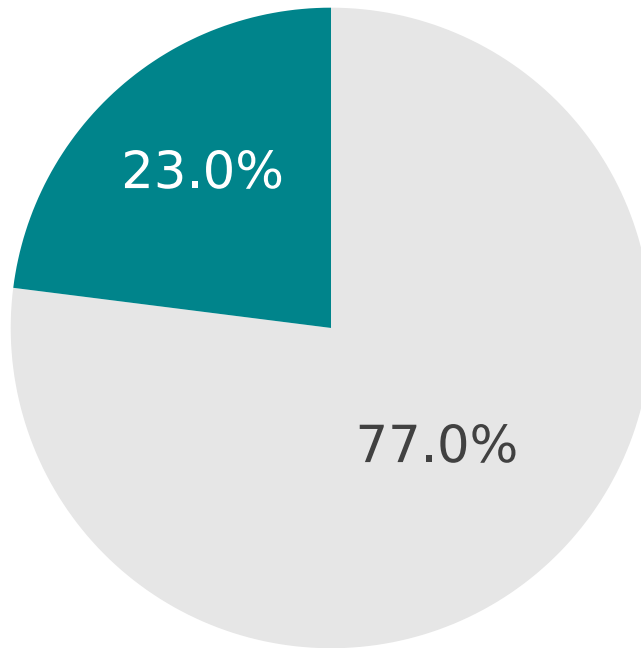
The rate of **Hispanic/Latina females** living with an HIV diagnosis is 8.5 times that of **White females**.



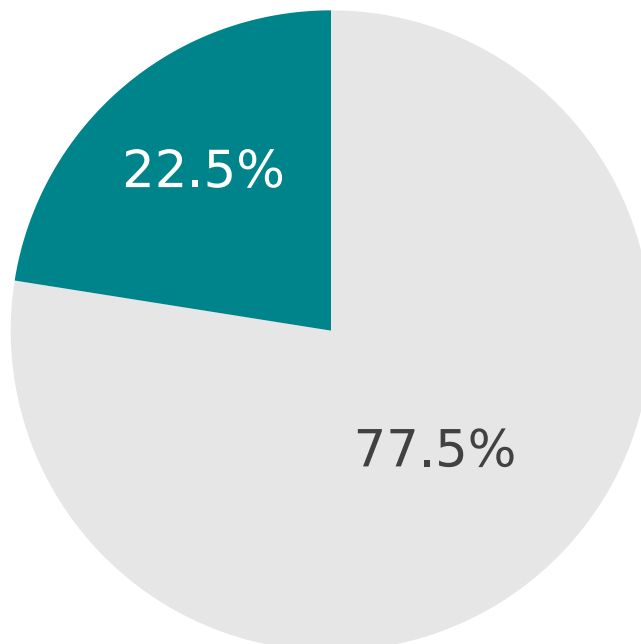
# Late HIV Diagnoses, 2020

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

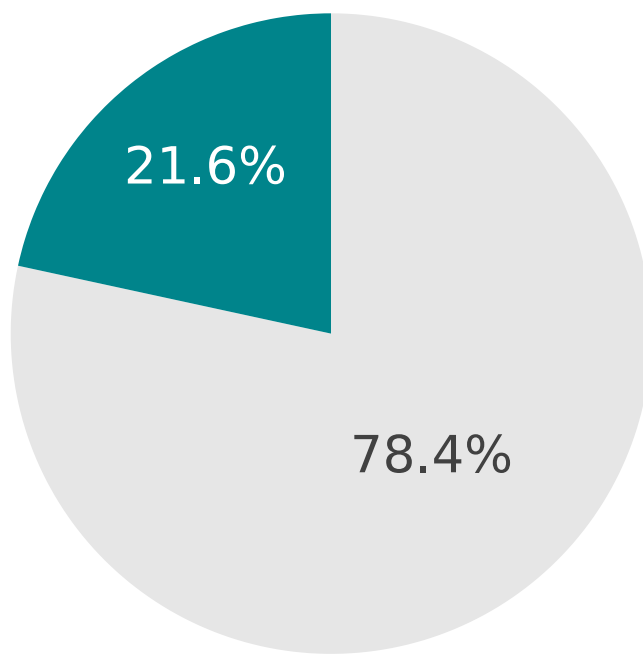
## State



## Region



## United States

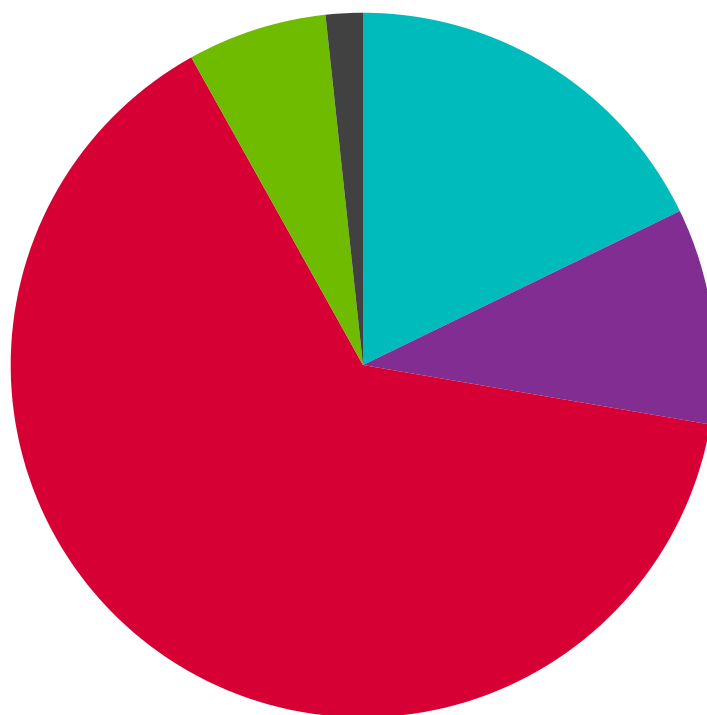


● Diagnosed with HIV ● Diagnosed with AIDS

# People Living with HIV, by Transmission Category, 2020

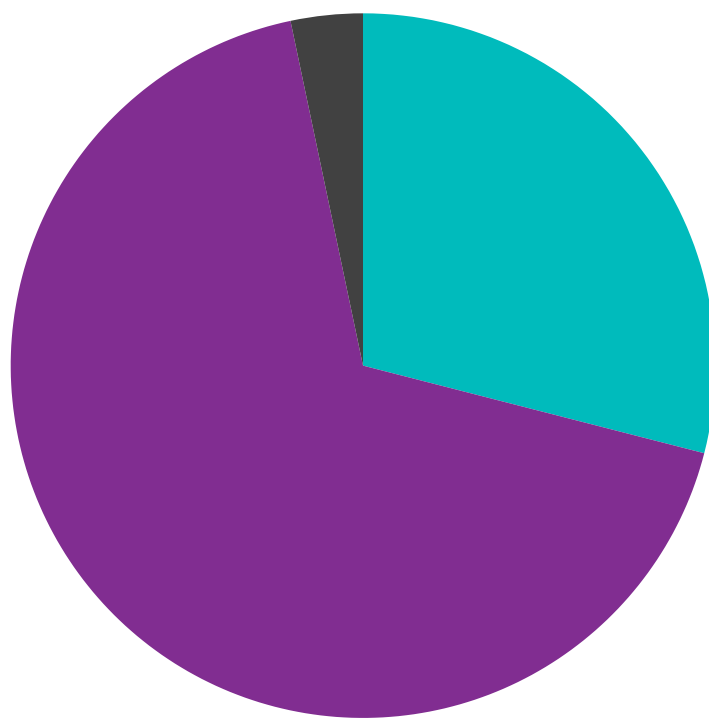
## Percent of People Living with HIV, by Transmission Category, 2020

### Male Transmission Categories



- Injection Drug Use (17.8%)
- Heterosexual Contact (9.9%)
- Male-to-Male Sexual Contact (64.2%)
- Male-to-Male Sexual Contact & Injection Drug Use (6.4%)
- Other\* (1.7%)

### Female Transmission Categories



- **Injection Drug Use (29.0%)**
- **Heterosexual Contact (67.7%)**
- **Other\* (3.3%)**

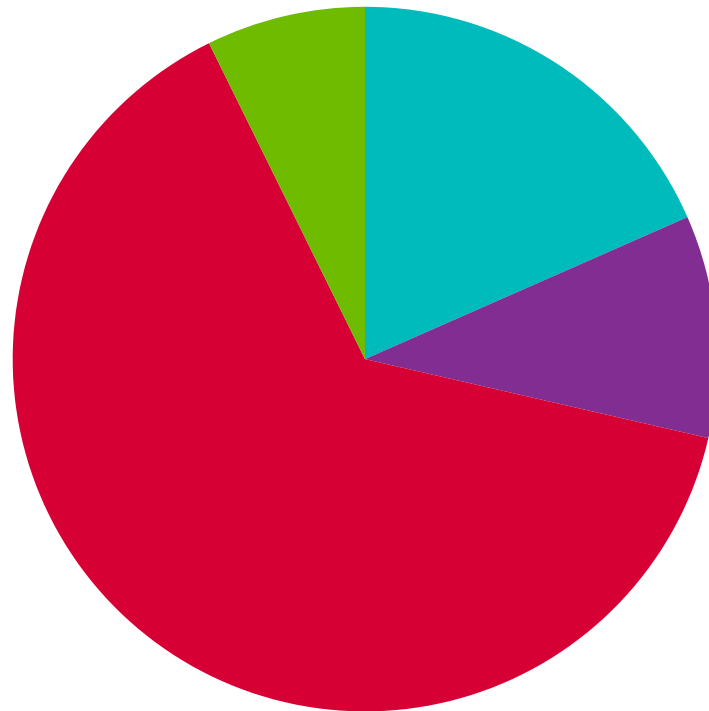
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\*Includes risk factor not reported or identified, along with hemophilia, blood transfusion, perinatal exposure, or missing/suppressed data.

# People Newly Diagnosed with HIV, by Transmission Category, 2020

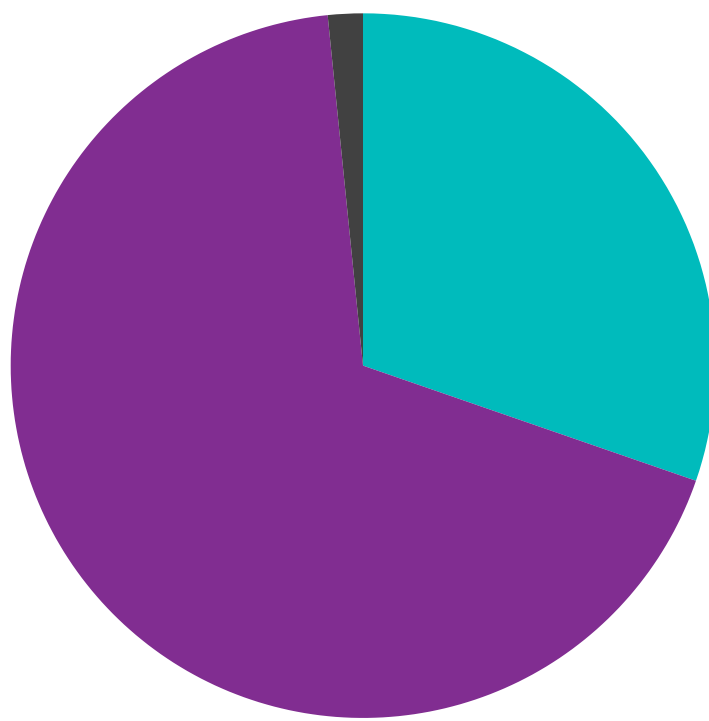
## Percent of People Newly Diagnosed with HIV, by Transmission Category, 2020

### Male Transmission Categories



- Injection Drug Use (18.4%)
- Heterosexual Contact (10.2%)
- Male-to-Male Sexual Contact (64.1%)
- Male-to-Male Sexual Contact & Injection Drug Use (7.3%)

### Female Transmission Categories



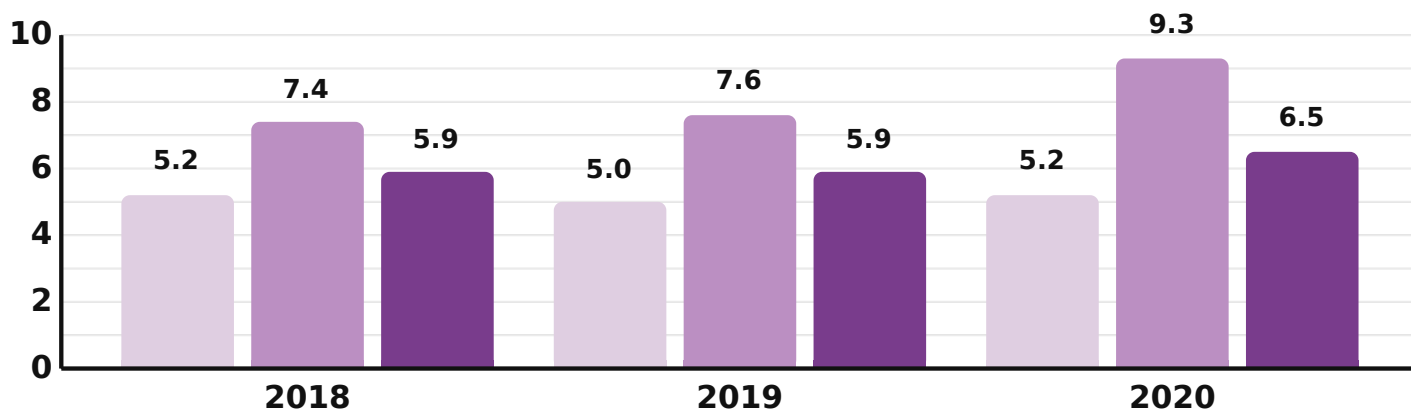
- **Injection Drug Use (30.3%)**
- **Heterosexual Contact (68.1%)**
- **Other\* (1.6%)**

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

# HIV Mortality Rates, 2018-2020

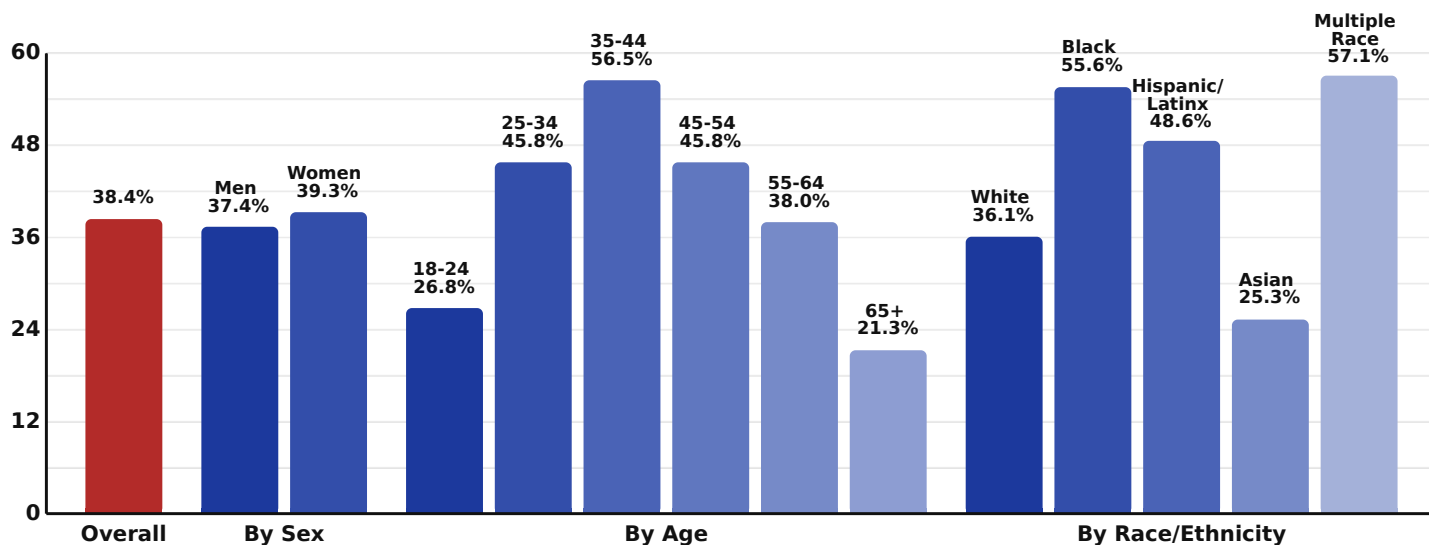
State Region United States



Mortality Rates of Persons Diagnosed with HIV per 100,000 population, 2018-20

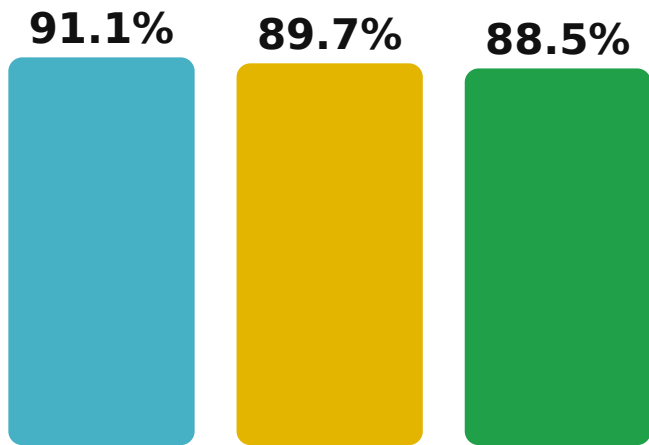
# HIV Testing, 2020

*These data represent 2020 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?"*

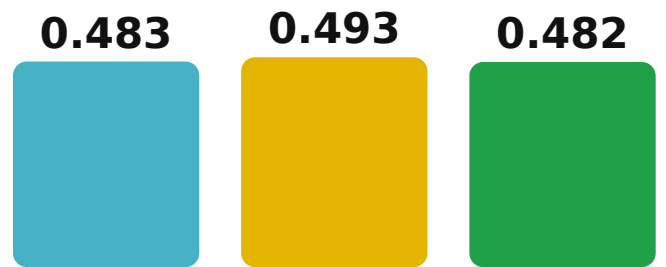


# Social Determinants of Health, 2020

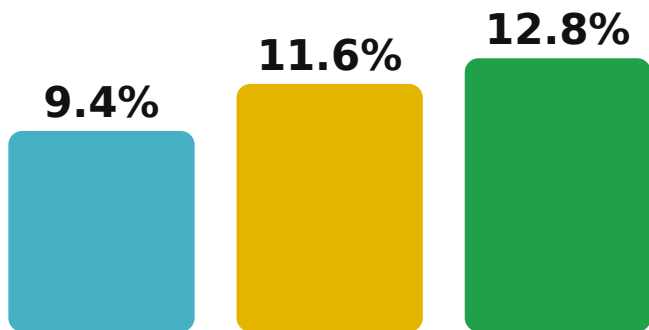
● State ● Region ● United States



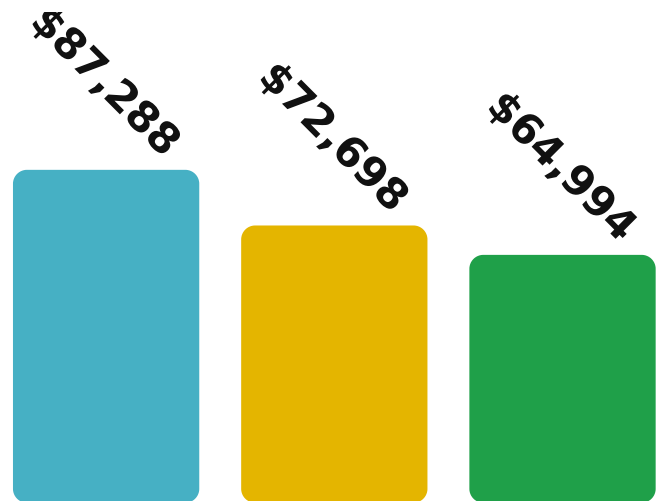
**Percent of Population with a High School Education, 2020**



**Income Inequality (Gini Coefficient), 2020**

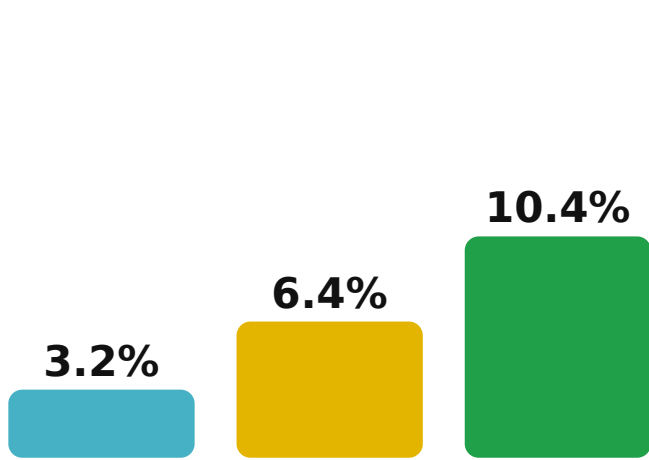


**Percent of Population Living in Poverty, 2020**

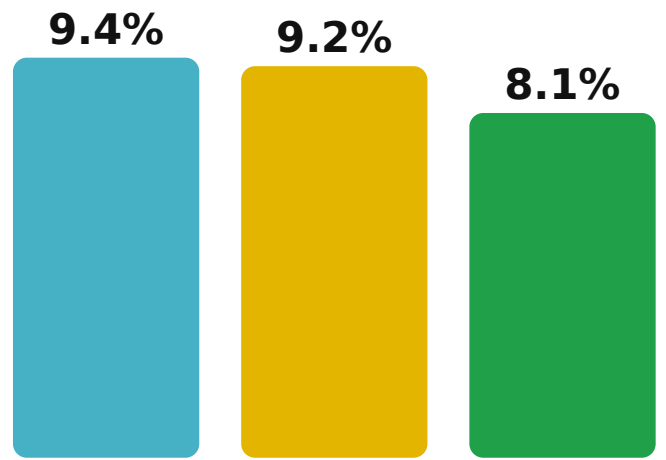


**Median Household Income, 2020**

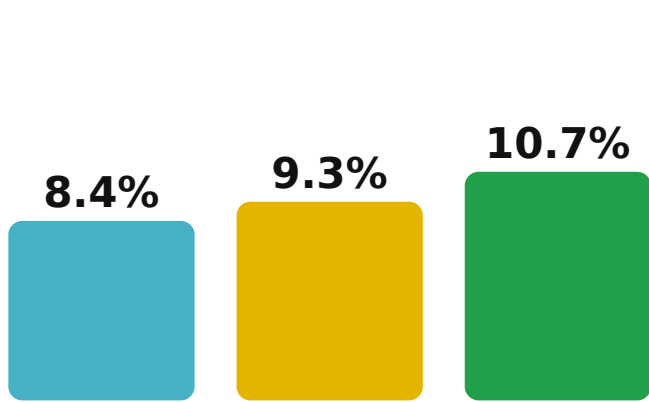




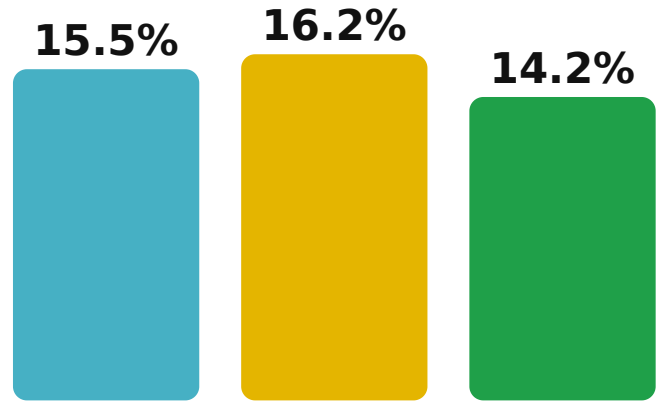
**Percent of Population (<65) Lacking Health Insurance, 2020**



**Percent of Population Unemployed, 2020**

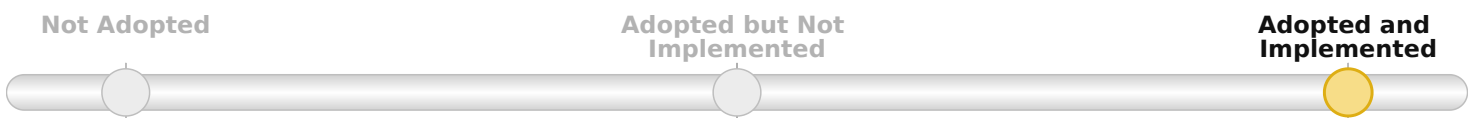


**Percent of Population Living with Food Insecurity, 2020**



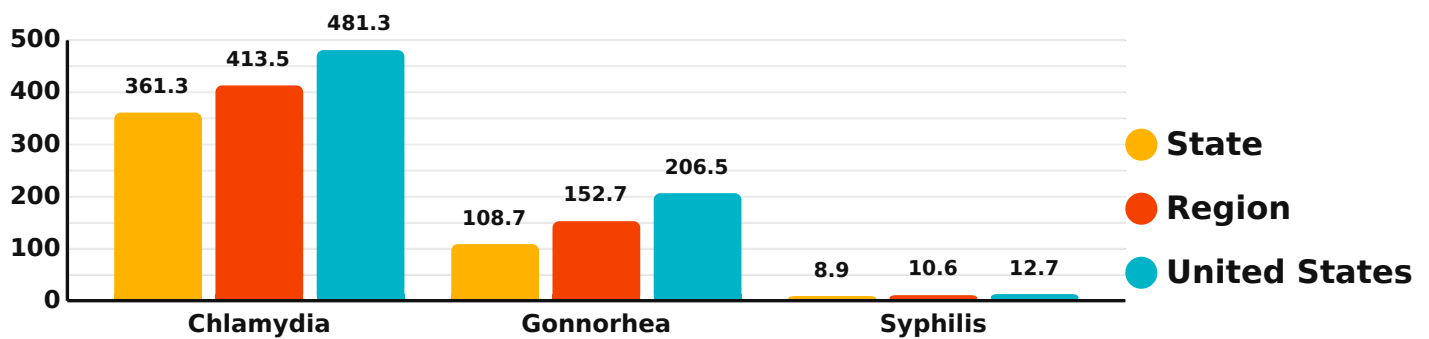
**Percent of Population Living in Unstable Housing, 2020**

## Medicaid Expansion, 2022



Status of state action on the Medicaid expansion decision as of June 28, 2022.

# Sexually Transmitted Diseases, 2020



Rates of Sexually Transmitted Diseases per 100,000 Population, 2020

## 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](#).

# HIV Federal Funding/Programs, Federal HIV/AIDS Grant Funding, FY 2018

Substance Abuse & Mental Health Services Administration, FY 2018

**\$2,946,942**



Ryan White HIV/AIDS Program, FY 2018

**\$49,020,557**



Housing Opportunities for Persons With AIDS, FY 2018

**\$5,452,978**



Total Funding, FY 2018

**\$57,420,477**