Local Data: North Carolina

In 2021, there were 34,327 people living with HIV in North Carolina. In 2021, 1,390 people were newly diagnosed with HIV.
HIV Prevalence

Number of people living with HIV, 2021

34,327

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

384

Percent of people living with HIV, by Sex, 2021

73.2% Male

26.8% Female

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

59.4% Black

9.7% Hispanic/Latinx

23.9% White

Percent of people living with HIV, by Age, 2021

3.7% Aged 13-24

16.8% Aged 25-34

18.6% Aged 35-44

22.9% Aged 45-54

37.9% Aged 55+

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

384 State

461 Region

384 United States
New HIV Diagnoses

Number of new HIV diagnoses, 2021

1,390

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

16

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>82.2%</td>
</tr>
<tr>
<td>Female</td>
<td>17.8%</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>57.8%</td>
</tr>
<tr>
<td>Hispanic/Latinx</td>
<td>15.4%</td>
</tr>
<tr>
<td>White</td>
<td>21.3%</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>25.3%</td>
</tr>
<tr>
<td>Aged 25-34</td>
<td>36.3%</td>
</tr>
<tr>
<td>Aged 35-44</td>
<td>18.1%</td>
</tr>
<tr>
<td>Aged 45-54</td>
<td>11.2%</td>
</tr>
<tr>
<td>Aged 55+</td>
<td>9.1%</td>
</tr>
</tbody>
</table>

Number of New HIV Diagnoses, 2008-2021
Due to the COVID-19 pandemic, data from 2020 and 2021 should be interpreted with caution.

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

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

**9,807**

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

**110**

## Percent of PrEP users, by Sex, 2022

<table>
<thead>
<tr>
<th>Sex</th>
<th>2022 Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>92.7%</td>
</tr>
<tr>
<td>Female</td>
<td>7.3%</td>
</tr>
</tbody>
</table>

## Percent of PrEP users, by Race/Ethnicity, 2022

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>2022 Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>25.8%</td>
</tr>
<tr>
<td>Hispanic/Latinx</td>
<td>6.3%</td>
</tr>
<tr>
<td>White</td>
<td>65.2%</td>
</tr>
</tbody>
</table>

## Percent of PrEP users, by Age, 2022

<table>
<thead>
<tr>
<th>Age Group</th>
<th>2022 Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aged 13-24</td>
<td>15.1%</td>
</tr>
<tr>
<td>Aged 25-34</td>
<td>39.6%</td>
</tr>
<tr>
<td>Aged 35-44</td>
<td>21.7%</td>
</tr>
<tr>
<td>Aged 45-54</td>
<td>12.5%</td>
</tr>
<tr>
<td>Aged 55+</td>
<td>11.1%</td>
</tr>
</tbody>
</table>

## Number of PrEP Users, 2012-2022
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

7.06

PNR, by Sex, 2022

Male: 7.96
Female: 2.88

PNR, by Race/Ethnicity, 2022

Black: 3.15
Hispanic/Latinx: 2.90
White: 21.59

PNR, by Age, 2022

Aged 13-24: 4.22
Aged 25-34: 7.69
Aged 35-44: 8.49
Aged 45-54: 7.88
Aged 55+: 8.54

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.
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

265

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

Black: 18.0%
Hispanic/Latinx: 21.0%
White: 22.0%

Percent of new HIV diagnoses that were diagnosed late, 2021

19.1%
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

1,115

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

**Male:** 78.9%
**Female:** 86.3%

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

**Black:** 80.0%
**Hispanic/Latinx:** 82.2%
**White:** 80.4%

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

80.2%

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

**Aged 13-24:** 77.8%
**Aged 25-34:** 79.4%
**Aged 35-44:** 80.1%
**Aged 45-54:** 80.8%
**Aged 55+:** 89.8%
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

**25,496**

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

**Male:** 77.9%

**Female:** 76.2%

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

**Black:** 77.8%

**Hispanic/Latinx:** 64.0%

**White:** 79.9%

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

**77.4%**

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

**Aged 13-24:** 80.1%

**Aged 25-34:** 76.4%

**Aged 35-44:** 73.9%

**Aged 45-54:** 76.9%

**Aged 55+:** 79.8%
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, 2021

22,383

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

**Male:** 68.5%
**Female:** 66.5%

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

**Black:** 66.5%
**Hispanic/Latinx:** 58.0%
**White:** 73.9%

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

68.0%

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

**Aged 13-24:** 66.1%
**Aged 25-34:** 63.1%
**Aged 35-44:** 63.4%
**Aged 45-54:** 68.3%
**Aged 55+:** 72.6%
HIV Mortality

Number of deaths of people with HIV, 2021
654

Rate of deaths of people with HIV per 100,000 population, 2021
7

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

<table>
<thead>
<tr>
<th></th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>%</td>
<td>72.8%</td>
<td>27.2%</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>Black</th>
<th>Hispanic/Latinx</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>%</td>
<td>64.1%</td>
<td>4.9%</td>
<td>22.6%</td>
</tr>
</tbody>
</table>

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

<table>
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<tr>
<th></th>
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<th>Aged 25-34</th>
<th>Aged 35-44</th>
<th>Aged 45-54</th>
<th>Aged 55+</th>
</tr>
</thead>
<tbody>
<tr>
<td>%</td>
<td>0.8%</td>
<td>6.0%</td>
<td>11.6%</td>
<td>18.8%</td>
<td>62.8%</td>
</tr>
</tbody>
</table>
Demographics, 2021

Total Population

10,551,162

State Population by Race/Ethnicity

- American Indian / Alaska Native (1.1%)
- Asian (3.3%)
- Black (21.3%)
- Hispanic / Latinx (10.2%)
- Native Hawaiian / Other Pacific Islander (0.1%)
- White (61.9%)
- Multiple Race (2.1%)
HIV Prevalence Rate Ratios, by Race/Ethnicity, 2021

The rate of **Black males** living with an HIV diagnosis is 6.5 times that of **White males**.

The rate of **Hispanic/Latino males** living with an HIV diagnosis is 2.7 times that of **White males**.

The rate of **Black females** living with an HIV diagnosis is 13.6 times that of **White females**.

The rate of **Hispanic/Latina females** living with an HIV diagnosis is 3.6 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
- 19.1%
- 80.9%

### Region
- 21.2%
- 78.8%
Diagnosed with HIV

Diagnosed with AIDS

21.1%

78.9%
Injection Drug Use (17.7%)
Heterosexual Contact (79.3%)
Other/Unknown* (3.0%)

*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 (3.2%)
- Heterosexual Contact (7.1%)
- Male-to-Male Sexual Contact (84.6%)
- Male-to-Male Sexual Contact & Injection Drug Use (5.0%)
- Other/Unknown* (0.1%)

Female Transmission Categories
Injection Drug Use (11.3%)
Heterosexual Contact (87.5%)
Other/Unknown* (1.2%)

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

**HIV Mortality Rates, 2019-2021**

<table>
<thead>
<tr>
<th>Year</th>
<th>State</th>
<th>Region</th>
<th>United States</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>5.7</td>
<td>5.9</td>
<td>7.4</td>
</tr>
<tr>
<td>2020</td>
<td>7.5</td>
<td>6.8</td>
<td>8.6</td>
</tr>
<tr>
<td>2021</td>
<td>7.4</td>
<td>7.3</td>
<td>8.9</td>
</tr>
</tbody>
</table>

Mortality Rates of Persons Diagnosed with HIV per 100,000 population, 2019-2021
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?”
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.
State 27.6
National 28.8
Social Determinants of Health, 2021

Percent of Population with a High School Education, 2021

- State: 89.0%
- Region: 87.9%
- United States: 88.9%

Income Inequality (Gini Coefficient), 2021

- State: 0.477
- Region: 0.482
- United States: 0.482

Percent of Population Living in Poverty, 2021

- State: 13.7%
- Region: 13.9%
- United States: 12.6%

Median Household Income, 2021

- State: $60,516
- Region: $63,524
- United States: $69,021
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.