HIV in North Carolina
North Carolina HIV Rates by Year of Diagnosis, 2000-2022

^Note: 2020 data should be treated with caution due to reduced availability of testing caused by the COVID-19 pandemic.

*Based on most recent address in eHARS as of December 31 of the given year.

**New cases are only among adults and adolescents (13 years and older).

Age Distribution of People Diagnosed with HIV and Living in NC* by Gender** in 2022

*Based on most recent address or age in eHARS as of December 31 of the given year.
**Transgender status is based on self-report; for exposure category, transgender people are classified by their recorded binary gender. Due to historical and current stigma, the total number of transgender people is likely to be an underestimation. This variable was not routinely captured until 2015 in our surveillance system.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of July 2023).
Estimated HIV Incidence in NC, 2009-2021

Estimated incidence using CDC’s “CD4 Model” SAS code from August 2023; this model rounds numbers to nearest 100 to indicate that model is estimating.

^CDC model takes reduced reporting into 2020 into account; note confidence intervals widen

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 2023).
Newly Diagnosed HIV among Adult and Adolescents (13 years and older) by Gender*, 2000-2022

- Women
- Men
- Transgender

^Note: 2020 data should be treated with caution due to reduced availability of testing caused by the COVID-19 pandemic.

*Transgender status is based on self-report; for exposure category, transgender people are classified by their recorded binary gender. Due to historical and current stigma, the total number of transgender people is likely to be an underestimation. This variable was not routinely captured until 2015 in our surveillance system.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of July 2023) and North Carolina Engagement in Care Database for HIV Outreach (NC ECHO) (data as of July 2023).
Gender Distribution* of Newly Diagnosed HIV among Adult/Adolescent (13 years and older), 2022

*Transgender status is based on self-report; for exposure category, transgender people are classified by their recorded binary gender. Due to historical and current stigma, the total number of transgender people is likely to be an underestimation. This variable was not routinely captured until 2015 in our surveillance system.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of July 2023) and North Carolina Engagement in Care Database for HIV Outreach (NC ECHO) (data as of July 2023).
Gender Distribution* of Newly Diagnosed HIV among Adult/Adolescent (13 years and older), 2018-2022

^Note: 2020 data should be treated with caution due to reduced availability of testing caused by the COVID-19 pandemic. Data is italicized for this reason.
*Transgender status is based on self-report; for exposure category, transgender people are classified by their recorded binary gender. Due to historical and current stigma, the total number of transgender people is likely to be an underestimation. This variable was not routinely captured until 2015 in our surveillance system, and completeness is improving over time; this may contribute to the appearance of an increase.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as July 2023) and North Carolina Engagement in Care Database for HIV Outreach (NC ECHO) (data as of July 2023).
Newly Diagnosed HIV Rates among Adult/Adolescent (13 years and older) by Gender, 2018-2022

^Note: 2020 data should be treated with caution due to reduced availability of testing caused by the COVID-19 pandemic.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of July 2023) and North Carolina Engagement in Care Database for HIV Outreach (NC ECHO) (data as July 20232).
Age Distribution of Newly Diagnosed HIV among Adult/Adolescent (13 years and older) by Gender, 2007

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of September 2022).
Age Distribution of Newly Diagnosed HIV among Adult/Adolescent (13 years and older) by Gender, 2012

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of September 2022).
Age Distribution of Newly Diagnosed HIV among Adult/Adolescent (13 years and older) by Gender*, 2022

*Transgender status is based on self-report; for exposure category, transgender people are classified by their recorded binary gender. Due to historical and current stigma, the total number of transgender people is likely to be an underestimation. This variable was not routinely captured until 2015 in our surveillance system.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of July 2023) and North Carolina Engagement in Care Database for HIV Outreach (NC ECHO) (data as of July 2023).
Newly Diagnosed HIV Rates among Adult/Adolescent (13 years and older) by Age at Diagnosis, 2018-2022

*Note: 2020 data should be treated with caution due to reduced availability of testing caused by the COVID-19 pandemic. Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of July 2023) and North Carolina Engagement in Care Database for HIV Outreach (NC ECHO) (data as of July 2023).
Newly Diagnosed HIV Rates among Adult/Adolescent (13 years and older) Men by Age at Diagnosis, 2018-2022

*Note: 2020 data should be treated with caution due to reduced availability of testing caused by the COVID-19 pandemic. Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of July 2023) and North Carolina Engagement in Care Database for HIV Outreach (NC ECHO) (data as of July 2023).
Newly Diagnosed HIV Rates among Adult/Adolescent (13 years and older) Women by Age at Diagnosis, 2018-2022

(Note: 2020 data should be treated with caution due to reduced availability of testing caused by the COVID-19 pandemic. Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of July 2023).
Newly Diagnosed HIV Rates among Adult/Adolescent (13 years and older) by Race/Ethnicity, 2018-2022

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>2018</th>
<th>2019</th>
<th>2020^</th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Indian/Alaskan Native**</td>
<td>11.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Asian/Pacific Islander**</td>
<td>5.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black/African American**</td>
<td>41.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hispanic/LatinX</td>
<td>26.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multiple Races**</td>
<td>32.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White/Caucasian**</td>
<td>5.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

^Note: 2020 data should be treated with caution due to reduced availability of testing caused by the COVID-19 pandemic.
*Non-Hispanic/LatinX.
Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of July 2023).
Newly Diagnosed HIV Rates by County 2022

North Carolina Newly Diagnosed HIV Infection Rates, 2022

Rate per 100,000 population

- 0.0
- 0.1 - 10
- 10.1 - 20
- 20.1 - 25
- >25

Data Source: enhanced
HIV Exposure (Hierarchical Risk)
Newly Diagnosed HIV Hierarchical Risk^^ among Adults and Adolescents in NC 2018-2022

*Note: 2020 data should be treated with caution due to reduced availability of testing caused by the COVID-19 pandemic. Data is italicized for this reason.

^^Risk was assigned to each case based on the reported risk that was most likely to have resulted in HIV transmission. While people may have reported more than one behavior that can transmit HIV, each person is only classified with one risk in this chart.

**IDU = injection drug use; MSM = men who report sex with men; MSM/IDU = men who report sex with men and injection drug use.

^^^Other risks include exposure to blood products (adult hemophilia or transfusions), pediatric risk, needle sticks, and health care exposure.

^^^Unknown risk is defined as individuals classified as no identified risk (NIR) and no reported risk (NRR) individuals.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of July 2023).
Newly Diagnosed HIV Hierarchical Risk (Redistributed*) among Adults and Adolescents in NC, 2022

N = 1,366

IDU = injection drug use; MSM = men who report sex with men; MSM/IDU = men who report sex with men and injection drug use.

*Unknown risk has been redistributed.

Heterosexual-all is defined as a person who does not report IDU or MSM but does report sexual contact with a partner of opposite sex, who is IDU, MSM, or known HIV-positive status. Also, if a person is a victim of sexual assault, exchanges sex for drugs/money, has had a recent STD or has sexual contact while using drugs, they are classified as high risk. It also includes individuals classified as people who reports sex with an opposite sex partner and does not report IDU, MSM, or any other potential "high risk" behaviors.

**Other risks include exposure to blood products (adult hemophilia or transfusions), pediatric risk, needle sticks, and health care exposure.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of July 2023).
Proportion of Newly Diagnosed HIV Hierarchical Risk\(^{**}\) (Redistributed\(*\)) among Adults and Adolescents in NC, 2018-2022

<table>
<thead>
<tr>
<th>Year at Diagnosis</th>
<th>Percent of Newly Diagnosed HIV Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>64.8%</td>
</tr>
<tr>
<td>2019</td>
<td>26.7%</td>
</tr>
<tr>
<td>2020(^{\wedge})</td>
<td></td>
</tr>
<tr>
<td>2021</td>
<td>4.6%</td>
</tr>
<tr>
<td>2022</td>
<td>3.9%</td>
</tr>
</tbody>
</table>

*Note: 2020 data should be treated with caution due to reduced availability of testing caused by the COVID-19 pandemic. Data is italicized for this reason.

**Risk was assigned to each case based on the reported risk that was most likely to have resulted in HIV transmission. While people may have reported more than one behavior that can transmit HIV, each person is only classified with one risk in this chart.

*Unknown risk has been redistributed.

Heterosexual-all is defined as a person who does not report IDU or MSM, but does report sexual contact with a partner of opposite sex, who is IDU, MSM, or known HIV-positive status. Also, if a person is a victim of sexual assault, exchanges sex for drugs/money, has had a recent STD or has sexual contact while using drugs, they are classified as high risk. It also includes individuals classified as people who reports sex with an opposite sex partner and does not report IDU, MSM, or any other potential "high risk" behaviors.

**IDU = injection drug use; MSM = men who report sex with men; MSM/IDU = men who report sex with men and injection drug use.

**Other risks include exposure to blood products (adult hemophilia or transfusions), pediatric risk, needle sticks, and health care exposure.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of July 2023).
Estimated HIV Infection Rates among Newly Diagnosed Adult and Adolescents (13 years and older) Gay and Bisexual Men and Other Men who have Sex with Other Men\(^*\) in North Carolina 2022

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Total Gay and Bisexual Men and Other Men who have Sex with Men(^*)</th>
<th>Rate per 100,000 estimated gay and bisexual men population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td></td>
<td>15.3 per 100,000</td>
</tr>
<tr>
<td>Age 13 to 30 years old</td>
<td></td>
<td>1,293</td>
</tr>
<tr>
<td>Age Over 30 years old</td>
<td></td>
<td>348</td>
</tr>
<tr>
<td>American Indian/Alaska Native*</td>
<td></td>
<td>430</td>
</tr>
<tr>
<td>Asian/Pacific Islander*</td>
<td></td>
<td>294</td>
</tr>
<tr>
<td>Black/African American*</td>
<td></td>
<td>2,044</td>
</tr>
<tr>
<td>Hispanic/LatinX</td>
<td></td>
<td>1,270</td>
</tr>
<tr>
<td>White/Caucasian*</td>
<td></td>
<td>208</td>
</tr>
</tbody>
</table>

\(\text{^a}\text{Unknown risk has been redistributed. People who were classified as MSM and IDU were excluded.}\)


\(\text{^\text{\textsuperscript{c}}\text{Non-Hispanic/LatinX.}}\)

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 2023).
Estimated HIV Infection Rates among Newly Diagnosed Adult and Adolescents (13 years and older) Heterosexual Men\(^*\) in North Carolina 2022

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Rate per 100,000 estimated heterosexual men in NC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>3.0</td>
</tr>
<tr>
<td>Men who report sex with women only</td>
<td>3.0</td>
</tr>
<tr>
<td>13 to 30 years old</td>
<td>3.0</td>
</tr>
<tr>
<td>Over 30 years old</td>
<td>3.0</td>
</tr>
<tr>
<td>American Indian/Alaska Native*</td>
<td>3.0</td>
</tr>
<tr>
<td>Asian/Pacific Islander*</td>
<td>0.0</td>
</tr>
<tr>
<td>Black/African American*</td>
<td>11.0</td>
</tr>
<tr>
<td>Hispanic/Latino</td>
<td>4.0</td>
</tr>
<tr>
<td>White/Caucasian*</td>
<td>1.0</td>
</tr>
</tbody>
</table>

\(^*\)Unknown risk has been redistributed. People who were classified as MSM and IDU were excluded.


*Non-Hispanic/LatinX.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 2023).
# HIV Infection Rates among Newly Diagnosed Adult and Adolescents (13 years and older) Heterosexual Women^ in North Carolina 2022

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Rate per 100,000 women in NC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>5</td>
</tr>
<tr>
<td>Women^^</td>
<td>5</td>
</tr>
<tr>
<td>13-30 years old</td>
<td>5</td>
</tr>
<tr>
<td>Over 30 years old</td>
<td>6</td>
</tr>
<tr>
<td>American Indian/Alaska Native*</td>
<td>5</td>
</tr>
<tr>
<td>Asian/Pacific Islander*</td>
<td>3</td>
</tr>
<tr>
<td>Black/African American*</td>
<td>14</td>
</tr>
<tr>
<td>Hispanic/Latino</td>
<td>8</td>
</tr>
<tr>
<td>White/Caucasian*</td>
<td>1</td>
</tr>
</tbody>
</table>

North Carolina 2022 HIV Rate: 15.3 per 100,000

---

^Unknown risk has been redistributed. People who were classified as MSM and IDU were excluded.
*Non-Hispanic/LatinX.
Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 2023).
Late Diagnosis of HIV (HIV and AIDS within 6 months)
Rate of Late Diagnoses of HIV by Gender, 2010-2022

Note: 2020 data should be treated with caution due to reduced availability of testing caused by the COVID-19 pandemic.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of September 2023).
Proportion of Late Diagnosed HIV by Gender and Race/Ethnicity, 2022

Men=384
- 0% American Indian/Alaska Native
- 2% Asian/Pacific Islander
- 24% Black/African American
- 48% Hispanic/LatinX
- 21% White/Caucasian
- 2% Multiple Race

Women=120
- 2% American Indian/Alaska Native
- 2% Asian/Pacific Islander
- 22% Black/African American
- 19% Hispanic/LatinX
- 54% White/Caucasian
- 2% Multiple Race

^Non-Hispanic/LatinX.
Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 2023).
HIV Comorbidities
Syphilis Coinfection with HIV
People with Early Syphilis\(^{\text{\footnotesize ^}\text{\footnotesize \*}}\) Coinfected with HIV\(^{\text{\footnotesize ^\footnotesize \text{\footnotesize ^\text{\footnotesize ^\text{\footnotesize \*}}}2020}}\) by Gender, 2000-2022

\(^{\text{\footnotesize ^}\text{\footnotesize \*}}\text{Early syphilis is defined as having primary, secondary, or early non-primary non-secondary (formerly early latent) syphilis.}\)

\(^{\text{\footnotesize ^\footnotesize \text{\footnotesize ^\text{\footnotesize ^\text{\footnotesize \*}}}2020}\text{HIV diagnosed prior to OR within 30 days of syphilis diagnosis.}\)

\(^{\text{\footnotesize ^\footnotesize \text{\footnotesize ^\text{\footnotesize ^\text{\footnotesize \*}}}2020\text{*}}}\text{Data should be treated with caution due to reduced availability of testing caused by the COVID-19 pandemic. Data is italicized for this reason.}\)

Data Source: North Carolina Electronic Disease Surveillance System (NC EDSS) (data as of July 1, 2023) and enhanced HIV/AIDS Reporting System (eHARS) (data as of July 2023).
People with Early Syphilis^ Coinfected with HIV^^ by Race 2018-2022

*Early syphilis is defined as primary, secondary, or early non-primary non-secondary (formerly early latent) syphilis.
^^HIV diagnosed prior to OR within 30 days of syphilis diagnosis.
*2020 data should be treated with caution due to reduced availability of testing caused by the COVID-19 pandemic. Data is italicized for this reason.

Data Source: North Carolina Electronic Disease Surveillance System (NC EDSS) (data as of July 1, 2023).
People with Early Syphilis^ Coinfected with HIV^^ by Ethnicity 2018-2022

^Early syphilis is defined as primary, secondary, or early non-primary non-secondary (formerly early latent) syphilis.
^^HIV diagnosed prior to OR within 30 days of syphilis diagnosis.
*2020 data should be treated with caution due to reduced availability of testing caused by the COVID-19 pandemic. Data is italicized for this reason.

Data Source: North Carolina Electronic Disease Surveillance System (NC EDSS) (data as of July 1, 2023).
Gonorrhea Coinfection with HIV
People with Gonorrhea Coinfected with HIV^^ by Gender, 2012-2022

^^HIV diagnosed prior to OR within 30 days of gonorrhea diagnosis.
*2020 data should be treated with caution due to reduced availability of testing caused by the COVID-19 pandemic. Data is italicized for this reason.

Data Source: North Carolina Electronic Disease Surveillance System (NC EDSS) (data as of July 1, 2023) and enhanced HIV/AIDS Reporting System (eHARS) (data as of July 2023).
People with Gonorrhea Coinfected with HIV\(^\text{**}^\)

by Race 2018-2022

\(^\text{**}\text{HIV diagnosed prior to OR within 30 days of gonorrhea diagnosis.}\)

*2020 data should be treated with caution due to reduced availability of testing caused by the COVID-19 pandemic. Data is italicized for this reason.

Data Source: North Carolina Electronic Disease Surveillance System (NC EDSS) (data as of July 1, 2023).
People with Gonorrhea Coinfected with HIV\(^\text{^^}\) by Ethnicity 2018-2022

\(^\text{^^}\)HIV diagnosed prior to OR within 30 days of gonorrhea diagnosis.

*2020 data should be treated with caution due to reduced availability of testing caused by the COVID-19 pandemic. Data is italicized for this reason.

Data Source: North Carolina Electronic Disease Surveillance System (NC EDSS) (data as of July 1, 2023).
Hepatitis Coinfection with HIV
Conquering the Syndemic: The Impact of HCV, HIV, and Opioid Overdoses in North Carolina

**HCV**
- Reported acute HCV, 2022\(^1\) = 75
- Estimated people living with chronic HCV in U.S., 2016\(^2\) = 2.4 million
  (Trends in mortality and curative treatment indicate the prevalence is lower today.)
- Average lifetime treatment cost of chronic HCV\(^3\) = $100,000/person

**Syndemic**
- Estimate 7-13% of HIV-infected people in NC are co-infected with HCV (CDC estimates 21%)\(^4,5\)
- At least 7% of people diagnosed with HIV in NC in 2022 were exposed through injection drug use\(^1\)
  - An estimated 62%–80% of HIV-infected people who inject drugs are co-infected with HCV\(^5\)
  - Around 40% of people with acute HCV in 2022 reported injection drug use\(^1\)
- Based on surveillance data, 23% of people coinfected with HIV/HCV achieved SVR through 2022\(^1\)

**Opioid Overdoses**
- Drug overdose deaths in NC, 2022\(^6\) = 3,876 (36.9 per 100,000)
- Fentanyl deaths, 2018\(^6\) = 3,117 (29.5 per 100,000)
- CDC estimates the cost of drug overdose deaths in NC, 2016\(^7\) = $1.3 billion

**HIV Infections**
- Newly reported HIV, 2022\(^1\) = 1,366
- People living with HIV, 2022\(^1\) = 36,581
- Average lifetime treatment cost of HIV\(^8\) = >$370,000/person

---

2022 HIV/Hepatitis B/Hepatitis C Coinfection

Data Source: North Carolina Electronic Disease Surveillance System (NC EDSS) (data as of July 1, 2023) and enhanced HIV/AIDS Reporting System (NC EDSS) (data as of July 2023).

HCV
N = 87,999

HBV
N=24,628

HIV
N=33,193

N=1,022

N=1,032

N=71

N=1,484

N=1,032

N=1,484

N=71
North Carolina HIV Continuum of Care
North Carolina HIV Continuum of Care 2022

- **Diagnosed & Reported**: 88%
- **At Least 1 Care Visit**: 78%
- **Retained in Care**: 72%
- **Virally Suppressed**: 67%

*People ≥ 13 years of age and diagnosed and living through December 31 of each calendar year. Data includes labs and services from CAREWare (all Ryan White services excluding Part A), HIV Medication Assistance Program (HMAP), and Medicaid data sources. Estimated proportion living in NC and undiagnosed is from 2020.*

**At least 1 care marker (CD4 or VL test, HMAP dispense, or Medicaid claim) in the given calendar year.

*** Retained in care is defined as being virally suppressed within 12 months or having 2 or more care markers (CD4 or VL test, HMAP dispense, or Medicaid claim) at least 90 days apart in the given calendar year.

^Last viral load during the given calendar year <200 copies/ml.

Data Sources: enhanced HIV/AIDS Reporting System (eHARS) (June 2023) and NC ECHO (June 2023).
Upside Down HIV Continuum of Care 2022

Percent of People Living with HIV in NC

- Undiagnosed*: 12%
- No Care Visit**: 22%
- Not Retained in Care***: 27%
- Not Virally Suppressed^: 33%

*People ≥ 13 years of age estimated to have HIV but not be diagnosed and living through December 31 of each calendar year. Data includes labs and services from CAREWare (all Ryan White services excluding Part A), HIV Medication Assistance Program (HMAP), and Medicaid data sources. Estimated proportion living in NC and undiagnosed is from 2020.

**People without at least 1 care marker (CD4 or VL test, HMAP dispense, or Medicaid claim) in the given calendar year.

***People neither virally suppressed within 12 months nor having 2 or more care markers (CD4 or VL test, HMAP dispense, or Medicaid claim) at least 90 days apart in the given calendar year.

^Last viral load during the given calendar year was more than 200 copies/ml.

Data Sources: enhanced HIV/AIDS Reporting System (eHARS) (June 2023) and NC ECHO (June 2023).
HIV Continuum of Care: North Carolina (2022) and the United States (2021)

*NC data: People ≥ 13 years of age and diagnosed and living through December 31 of each calendar year. Data includes labs and services from CAREWare (all Ryan White services excluding Part A), HIV Medication Assistance Program (HMAP), and Medicaid data sources. Estimated proportion living in NC and undiagnosed is from 2021.

**At least 1 care marker (CD4 or VL test, HMAP dispense, or Medicaid claim) in the given calendar year; US number is people linked to care within 1 month

*** Retained in care is defined as being virally suppressed within 12 months or having 2 or more care markers (CD4 or VL test, HMAP dispense, or Medicaid claim) at least 90 days apart in the given calendar year.

^Last viral load during the given calendar year <200 copies/ml.

Data Sources: enhanced HIV/AIDS Reporting System (eHARS) (September 2023), NC ECHO (August 2023). Most recent CDC continuum is data from 2021 [https://ahead.hiv.gov/].
2022 North Carolina Newly Diagnosed HIV Continuum of Care

**Diagnosed & Reported***

- **Linked to Care within 1 Month**
  - 74%

- **Linked to Care within 3 Months**
  - 89%

- **Linked to Care within 6 Months**
  - 92%

- **Virally Suppressed**
  - 71%

---

*People ≥ 13 years of age and diagnosed in and living through December 31 of each calendar year. Data includes labs and services from CAREWare (all Ryan White services excluding Part A), HIV Medication Assistance Program (HMAP), and Medicaid data sources. Data are preliminary (do not include vital records or national death matches).

**At least 1 care marker (CD4 or VL test, HMAP dispense, or Medicaid claim) in the given period.

^Virally suppressed is defined as the last viral load during the year being <200 copies/ml.

Data Sources: enhanced HIV/AIDS Reporting System (eHARS) (June 2023) and NC ECHO (June 2023).
90-90-90 Status in 2022: North Carolina

90% of all people living with HIV will know their HIV status.*
90% of all people living with HIV will be on anti-retroviral treatment (ART)**
90% of all people with diagnosed HIV infection and on ART will have viral suppression.^

*People ≥ 13 years of age and diagnosed in and living through December 31 of each calendar year. Data includes labs and services from CAREWare (all Ryan White services excluding Part A), HIV Medication Assistance Program (HMAP), and Medicaid data sources. Data are preliminary (do not include vital records or national death matches).
**received ARTs is based on the number of people with a viral load or CD4 test in a given year (assumes lab tests imply receipt of ARTs)
^Last viral load during the year <200 copies/ml.
Data Sources: enhanced HIV/AIDS Reporting System (eHARS) (June 2023) and NC ECHO (June 2023).