North Carolina HIV Infection Rates by Year of Diagnosis, 2000-2017

*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* in 2017

*Based on most recent address in eHARS as of December 31, 2017
Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2018).
NEWLY DIAGNOSED HIV IN NORTH CAROLINA
2017
Newly Diagnosed HIV among Adult/Adolescents (13 years and older) by Gender
North Carolina, 2000-2017

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2018).
Gender Distribution of Newly Diagnosed Adult/Adolescent (13 years and older) HIV North Carolina, 2017

- **Men**: 81%
- **Women**: 19%

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2018).
Age Distribution of Newly Diagnosed Adult/Adolescents (13 years and older) HIV by Gender in North Carolina, 2007

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2018).
Age Distribution of Newly Diagnosed Adult/Adolescents (13 years and older) HIV by Gender in North Carolina, 2012

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2018).
Age Distribution of Newly Diagnosed Adult/Adolescents (13 years and older) HIV by Gender in North Carolina, 2017

Number of Cases

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2018).
Newly Diagnosed HIV Cases among Adults/Adolescents (13 years and older) by Race/Ethnicity
North Carolina 2017 vs North Carolina Population 2017

HIV Cases: 1,310
- 65% Black/African American
- 22% White/Caucasian
- 9% Multiple Race
- 2% Asian and Pacific Islander
- 1% Hispanic/Latino
- 1% American Indian/Alaska Native

North Carolina Population: 8,634,062*
- 66% Black/African American
- 22% White/Caucasian
- 8% Hispanic/Latino
- 3% Asian and Pacific Islander
- 1% American Indian/Alaska Native

**US Census Bureau North Carolina 2017 Adult and Adolescent population estimate

*Non-Hispanic/Latino.
Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2018).
Newly Diagnosed HIV Rates among Adult/Adolescents (13 years and older) by Race/Ethnicity, 2013-2017

- American Indian/Alaskan Native*
- Asian/Pacific Islander*
- Black/African American*
- Hispanic/Latino
- White/Caucasian*

Rate per 100,000 population

Year at Diagnosis

*Non-Hispanic/Latino.
Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2018).
Newly Diagnosed HIV Rates by County
North Carolina, 2017

Rate per 100,000 population

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

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2018).
HIV EXPOSURE (HIERARCHICAL RISK)
Newly Diagnosed HIV Hierarchical Risk^ among Adult and Adolescents in NC, 2013-2017

^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.

**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.

***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 June 27, 2018].
Hierarchical Risk^ (redistributed*) for HIV Exposure among Newly Diagnosed HIV Rates among Adults and Adolescents (13 years and older) North Carolina 2017

- MSM 65%
- Heterosexual 30%
- MSM/IDU 2%
- IDU 3%

^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.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2018).
**Estimated HIV Infection Rates among Newly Diagnosed Adults and Adolescent (13 years and older) Gay and Bisexual Men and Other Men who have Sex with Men^ in North Carolina 2017**

<table>
<thead>
<tr>
<th>Category</th>
<th>Rate per 100,000 population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>699</td>
</tr>
<tr>
<td>13 to 30 years old</td>
<td>1,441</td>
</tr>
<tr>
<td>Over 30 years old</td>
<td>405</td>
</tr>
<tr>
<td>American Indian/Alaska Native*</td>
<td>286</td>
</tr>
<tr>
<td>Asian/Pacific Islander*</td>
<td>264</td>
</tr>
<tr>
<td>Black/African American*</td>
<td>2,150</td>
</tr>
<tr>
<td>Hispanic/ Latino</td>
<td>830</td>
</tr>
<tr>
<td>White/Caucasian*</td>
<td>230</td>
</tr>
</tbody>
</table>

North Carolina 2017 HIV Rate: 15.2 per 100,000

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


*Non-Hispanic/Latino.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2018).
Estimated HIV Infection Rates among Newly Diagnosed Adults and Adolescents (13 years and older) Heterosexual Men^ in North Carolina 2017

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Rate per 100,000 population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>4</td>
</tr>
<tr>
<td>Men who report sex with women only^^</td>
<td>4</td>
</tr>
<tr>
<td>13-13 years old</td>
<td>4</td>
</tr>
<tr>
<td>Over 30 years old</td>
<td>4</td>
</tr>
<tr>
<td>American Indian/Alaska Native*</td>
<td>4</td>
</tr>
<tr>
<td>Asian/Pacific Islander*</td>
<td>1</td>
</tr>
<tr>
<td>Black/African American*</td>
<td>14</td>
</tr>
<tr>
<td>Hispanic/Latino</td>
<td>4</td>
</tr>
<tr>
<td>White/Caucasian*</td>
<td>1</td>
</tr>
</tbody>
</table>

^Unknown risk has been redistributed.
*Non-Hispanic/Latino.
Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2018).
HIV Infection Rates among Newly Diagnosed Adults and Adolescents (13 years and older) Heterosexual Women^ in North Carolina 2017

<table>
<thead>
<tr>
<th>Total</th>
<th>Women^^</th>
<th>13-30 years old</th>
<th>Over 30 years old</th>
<th>American Indian/Alaska Native*</th>
<th>Asian/Pacific Islander*</th>
<th>Black/African American*</th>
<th>Hispanic/Latino</th>
<th>White/Caucasian*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>5</td>
<td>5</td>
<td>2</td>
<td>3</td>
<td>17</td>
<td>6</td>
<td>1</td>
</tr>
</tbody>
</table>

North Carolina 2017 HIV Rate: 15.2 per 100,000

^Unknown risk has been redistributed.

^^Defined as individuals reporting heterosexual contact with a known HIV-positive or high-risk individual and cases redistributed into the heterosexual classification from the “unknown” risk group. People exposed to HIV through injection drug use (IDU) are excluded.

*Non-Hispanic/Latino.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2018).
Newly Diagnosed HIV among Adults and Adolescents (13 years and older) who Inject Drugs^ by Gender, North Carolina 2013-2017

^Unknown risk has been redistributed. This includes people classified as MSM/IDU.
*Non-Hispanic/Latino.
Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2018).
Newly Diagnosed HIV among Adults and Adolescents (13 years and older) who Inject Drugs (IDU)^ by Gender and Race/Ethnicity, North Carolina 2017

Year of Diagnosis

Percent of newly diagnosed HIV cases

- Black/African American Men*
- Black/African American Women*
- Hispanic/Latina-Women
- Hispanic/Latino-Men
- White/Caucasian-Men*
- White/Caucasian-Women*
- Other-Men**
- Other-Women**

Year of Diagnosis
- 2013: 3%
- 2014: 20%
- 2015: 45%
- 2016: 7%
- 2017: 7%

^Unknown risk has been redistributed. This includes people classified as MSM/IDU.
*Non-Hispanic/Latino.
**Includes American Indian/Alaska Native, Asian/Pacific Islander, and Multiple Race.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2018).
Late Diagnosis of HIV (HIV and AIDS within 6 months)
Rate of Newly Diagnosed HIV and AIDS within 6 Months by Gender
North Carolina, 2008-2017

Year of HIV Diagnosis

Rate of Late Diagnosis of HIV per 100,000

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2018).
North Carolina DHHS
HIV/STD/Hepatitis Surveillance Unit
Race/Ethnicity Proportion of Newly Diagnosed HIV and AIDS within 6 Months by Gender
North Carolina, 2017

Men=199

- 57% White/Caucasian*
- 12% Black/African American
- 28% Hispanic/Latino
- 3% Asian/Pacific Islander
- 2% American Indian/Alaska Native
- 2% Multiple Race

Women=64

- 75% White/Caucasian*
- 19% Hispanic/Latino
- 3% Black/African American
- 2% Asian/Pacific Islander
- 0% American Indian/Alaska Native
- 2% Multiple Race

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2017).
HIV and Hepatitis B and C* Co-infection as of 12/31/2017

HCV
N = 23,402

HBV
N = 29,203

HIV
N = 35,045

N = 798 (3%)
N = 308 (1%)
N = 41 (0.2%)
N = 1,419 (5%)

*Hepatitis B and C include acute and chronic cases together.
Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2018) and North Carolina Electronic Disease Surveillance System (NC EDSS) (data as of June 3, 2018).