

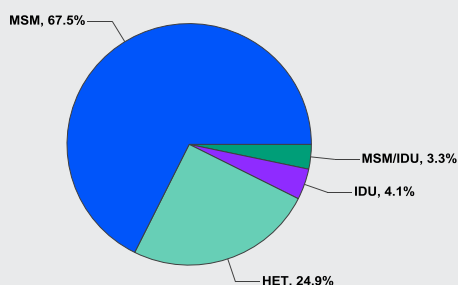
# North Carolina – State Health Profile

## HIV/AIDS Epidemic

In 2015, an estimated 39,393 people in the United States were diagnosed with HIV, the virus that causes AIDS. About 1 in 7 people with HIV in the United States do not know that they are infected.

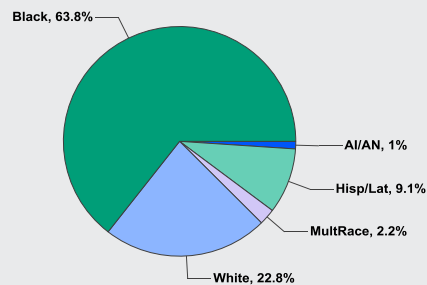
In 2015, an estimated 1,335 adults and adolescents were diagnosed with HIV in North Carolina. North Carolina ranked 8th among the 50 states in the number of HIV diagnoses in 2015.

**Estimated adults and adolescents diagnosed with HIV, by transmission category, North Carolina, 2015**



\*MSM, men who have sex with men; IDU, injection drug users; MSM/IDU, men who have sex with men who also inject drugs; HET, Heterosexuals  
 \*\*Other: <0.225%

**Estimated adults and adolescents diagnosed with HIV, by race/ethnicity, North Carolina, 2015**



\*AI/AN, American Indian/Alaska Native; Black, Black/African American; Hisp/Lat, Hispanic/Latino; MultRace, Multiple races; NHOPI, Native Hawaiian/Other Pacific Islander; Unk, Unknown  
 \*\*NHOPI, Asian: <0.97%

## Adolescent and School Health

Many young people engage in sexual risk behaviors that can result in unintended health outcomes. Sexual risk behaviors place adolescents at risk for HIV infection, other sexually transmitted diseases, and unintended pregnancy. However, there has been a nationwide decrease in the percentage of adolescents who have ever had sex; in 2015 among high school students in North Carolina:

- 26.3% of 9<sup>th</sup> graders have reported ever having sex in 2015 compared to 36.3% in 2005.
- 44.7% of 10<sup>th</sup> graders have reported ever having sex in 2015 compared to 53.8% in 2005.

## Sexually Transmitted Diseases (STDs)

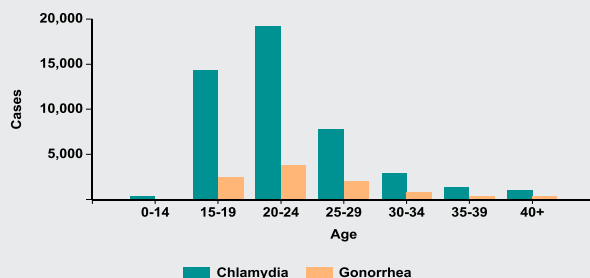
**Syphilis** – Primary and secondary (P&S) syphilis (the stages in which syphilis is most infectious) remains a health problem, primarily among men who have sex with men, but congenital transmission of syphilis from infected mothers to their unborn children persists in many areas of the country.

- In North Carolina, the rate of primary and secondary syphilis was 4.5 per 100,000 in 2011 and 12 per 100,000 in 2015. North Carolina now ranks 4th in rates of P&S syphilis among 50 states.
- There were 27 cases of congenital syphilis from 2011 through 2015.

**Chlamydia and Gonorrhea** – Untreated STDs are a common cause of pelvic inflammatory disease, infertility and chronic pelvic pain. In addition, they can increase the spread of HIV, and cause cancer. Pregnant women and newborns are particularly vulnerable. In 2015, North Carolina:

- Ranked 3rd among 50 states in chlamydial infections (647.4 per 100,000 persons) and ranked 2nd among 50 states in gonorrheal infections (199.2 per 100,000 persons).
- Reported rates of chlamydia among women (925.2 cases per 100,000) that were 2.6 times greater than those among men (354.9 cases per 100,000).

**Chlamydia and Gonorrhea among Women by Age Group, North Carolina, 2015**



\*Chlamydia: [0-14: 406] [15-19: 14,324] [20-24: 19,221] [25-29: 7,797] [30-34: 2,913] [35-39: 1,422] [40+: 1,089]  
 \*\*Gonorrhea: [0-14: 93] [15-19: 2,506] [20-24: 3,821] [25-29: 2,039] [30-34: 831] [35-39: 401] [40+: 369]



