

North Carolina HIV/STD Quarterly Surveillance Report: Vol. 2014, No. 4

HIV/STD Surveillance Unit

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ANNOUNCEMENTS:

The North Carolina sexually transmitted disease (STD) surveillance data system underwent extensive changes in 2012 and 2013 as North Carolina implemented reporting for human immunodeficiency virus (HIV) infection, including acquired immunodeficiency syndrome (AIDS), and syphilis into North Carolina Electronic Disease Surveillance System (NC EDSS). Reporting delays and changes in reporting processes for these two conditions may have substantially affected data.

Readers should consider the data in this report to be *preliminary*. Readers are also cautioned that these data represent reports for short time periods and that changes noted from quarter to quarter may not be meaningful. The data system changes for HIV and syphilis in 2012 and 2013 have increased this likelihood for data reported in that period. Some cases listed in this report are considered presumptive; their status may change as case investigation continues.

If you have questions or comments, please contact us at the address or phone number above.

About the authors

North Carolina law requires that diagnoses of certain communicable diseases, including sexually transmitted diseases (STDs), be reported to local health departments that in turn report the information to the state. The HIV/STD Surveillance Unit (HSSU) is the designated recipient for STD morbidity reports at the state level and is responsible for aggregating reports and providing statewide information about these diseases to others, including the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia. The HSSU is part of the Communicable Disease Branch within the North Carolina Division of Public Health.

About the contents of this report

The *North Carolina HIV/STD Surveillance Report: Vol. 2014, No. 4* presents statistics and trends of sexually transmitted diseases (including HIV and AIDS) in North Carolina from January 1 through December 31, 2014. All reports are presented by the date received by the HSSU. This report is intended as a reference document for local health departments, program managers, health planners, researchers and others who are concerned with the public health implications of these diseases. **The information in this quarterly report is meant to be brief and provide limited data on these diseases throughout the year. More detailed and complete information will continue to be available in annual publications.** This report and our annual publications are available on our website (<http://epi.publichealth.nc.gov/cd/stds/figures.html>). The CDC maintains data about these diseases for the United States; national information is available from its website (<http://www.cdc.gov/hiv/library/reports/surveillance/>).



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HIV Infection Surveillance Data

Human immunodeficiency virus (HIV) infection case reports represents all new diagnoses with HIV in North Carolina regardless of the stage of the disease (including acquired immunodeficiency syndrome [AIDS]). Most persons are reported with only an HIV infection, but some persons are reported with a concurrent diagnosis of AIDS (an AIDS diagnosis within six months of the initial HIV infection diagnosis). In North Carolina, about one-quarter of the new HIV infection reports represent persons who are diagnosed with HIV infection and AIDS at the same time. **AIDS case reports**, by contrast, represent only persons with HIV infection who have progressed to this later, more life threatening, stage of disease. For these reasons, HIV infection reports and AIDS case reports should be considered separately. The two categories should never be combined to estimate an infected population, as the broad group of HIV disease includes AIDS cases, and combining the two categories would therefore double-count the AIDS cases. **HIV infection and AIDS cases are both presented by date of report in this publication.** This gives a preliminary look at HIV infection surveillance for 2014. Because HIV and AIDS morbidity trends are better described using date of diagnosis rather than date of report, only summary counts for the counties and a state total are provided. Annual reports and the HIV/STD Epidemiologic Profile present HIV infections by **date of diagnosis**, not date of report, and therefore should not be compared to the quarterly report. Also, HIV and AIDS cases diagnosed/reported from long-term care institutions, such as prisons, are not included in county totals, but are listed under “Unassigned” county.

Chlamydia Surveillance Data

Chlamydia case reports represent persons who have a laboratory-confirmed chlamydial infection. It is important to note that chlamydial infection is often asymptomatic in both males and females, and most cases are detected through screening. The disease can cause serious complications in females, and a number of screening programs are in place to detect infection in young women. There are no comparable screening programs for young men. For this reason, chlamydia case reports are always highly biased with respect to gender. Changes in the number of reported cases may be due to changes in screening practices. Increases in morbidity totals since 2008 are likely to be the result of enhancements in laboratory reporting. Chlamydia infections are presented by **date of report** in this publication.

Gonorrhea Surveillance Data

Gonorrhea case reports represent persons who have a laboratory-confirmed gonorrhea infection. Gonorrhea is often symptomatic in males and slightly less so in females. Many cases are detected when patients seek medical care. Others are detected through screening, but to a far lesser degree than chlamydia cases. Gonorrhea can cause serious complications for females, and a number of screening programs exist targeting this population. There is less screening of males but since they are more likely to have symptoms that would bring them to the STD clinic, gender bias in gonorrhea reporting is not likely to be large. Public clinics and health departments may do a better job of conducting such screening programs and reporting cases, causing the reported cases to be biased toward those attending public clinics. Gonorrhea infections are presented by **date of report** in this publication.

Syphilis Surveillance Data

Syphilis cases are reported by stage of infection, which is determined through a combination of laboratory testing and patient interviews. Primary and secondary syphilis have very specific symptoms associated with them, so misclassification of these stages is highly unlikely. Early latent syphilis is asymptomatic but can be staged with confirmation that the person has been infected for less than a year. Together these three stages that occur within the first year of infection are called “early syphilis.” This report includes only early syphilis cases, though other later stages are reported to HSSU. Because North Carolina performs patient interviews, partner notification, and contact tracing on all early syphilis cases, the quality of the early latent case data is also quite good. Screening programs are more likely to detect asymptomatic cases, which may introduce some bias in the early latent case reports toward screened populations (pregnant women, jail inmates, others). But, thorough contact tracing further aids in case detection and reduces these biases. Syphilis infections are presented by **date of report** in this publication; however, in the annual report and HIV/STD Epidemiologic Profile, infections are presented by **date of diagnosis**.

For more information

The data descriptions provided on this page are succinct. For a more detailed discussion of the content, strengths, and weaknesses of STD and HIV surveillance data, please see Appendix B in the *Epidemiologic Profile for HIV/STD Prevention & Care Planning, December 2012*. This report can be found on our website <http://epi.publichealth.nc.gov/cd/stds/figures.html>.

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Table 1. North Carolina Newly Reported Chlamydia Infections by Gender and Age, 2014

| Gender | Age Group | 1st Qtr (Jan - Mar) | | 2nd Qtr (Apr - Jun) | | 3rd Qtr (July - Sept) | | 4th Qtr (Oct - Dec) | | 2014 Total | |
|--------------------|-----------|------------------------|--------------|------------------------|--------------|--------------------------|--------------|------------------------|--------------|------------------|--------------|
| | | Cases | % | Cases | % | Case | % | Cases | % | Cases | % |
| Male | Unknown | --- ^a | --- | 0 | 0.0 | --- ^a | --- | --- ^a | --- | --- ^b | --- |
| | 0-9 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | 10-14 | --- ^a | --- | 7 | 0.1 | 9 | 0.1 | --- ^a | --- | 26 | 0.1 |
| | 15-19 | 660 | 4.5 | 563 | 4.5 | 400 | 4.2 | 473 | 4.8 | 2,096 | 4.5 |
| | 20-24 | 1,568 | 10.7 | 1,236 | 9.9 | 987 | 10.3 | 997 | 10.0 | 4,788 | 10.3 |
| | 25-29 | 723 | 4.9 | 566 | 4.6 | 489 | 5.1 | 516 | 5.2 | 2,294 | 4.9 |
| | 30-34 | 358 | 2.4 | 272 | 2.2 | 220 | 2.3 | 224 | 2.3 | 1,074 | 2.3 |
| | 35-39 | 140 | 1.0 | 140 | 1.1 | 100 | 1.0 | 111 | 1.1 | 491 | 1.1 |
| | 40-44 | 109 | 0.7 | 93 | 0.7 | 67 | 0.7 | 77 | 0.8 | 346 | 0.7 |
| | 45-54 | 87 | 0.6 | 59 | 0.5 | 61 | 0.6 | 54 | 0.5 | 261 | 0.6 |
| | 55-64 | 25 | 0.2 | 26 | 0.2 | 29 | 0.3 | 14 | 0.1 | 94 | 0.2 |
| | 65+ | --- ^a | --- | 5 | 0.0 | --- ^a | --- | <5 | --- | --- ^a | --- |
| Total | | 3,684 | 25.1 | 2,967 | 23.9 | 2,368 | 24.7 | 2,474 | 24.9 | 11,493 | 24.7 |
| Female | Unknown | <5 | --- | <5 | --- | <5 | --- | <5 | --- | 12 | 0.0 |
| | 0-9 | <5 | --- | <5 | --- | <5 | --- | <5 | --- | 10 | 0.0 |
| | 10-14 | 106 | 0.7 | 103 | 0.8 | 76 | 0.8 | 74 | 0.7 | 359 | 0.8 |
| | 15-19 | 3,494 | 23.8 | 2,882 | 23.2 | 2,182 | 22.8 | 2,307 | 23.2 | 10,865 | 23.3 |
| | 20-24 | 4,516 | 30.8 | 3,981 | 32.0 | 3,038 | 31.7 | 3,096 | 31.2 | 14,630 | 31.4 |
| | 25-29 | 1,679 | 11.5 | 1,512 | 12.2 | 1,124 | 11.7 | 1,123 | 11.3 | 5,438 | 11.7 |
| | 30-34 | 647 | 4.4 | 550 | 4.4 | 425 | 4.4 | 458 | 4.6 | 2,080 | 4.5 |
| | 35-39 | 293 | 2.0 | 240 | 1.9 | 193 | 2.0 | 224 | 2.3 | 950 | 2.0 |
| | 40-44 | 119 | 0.8 | 107 | 0.9 | 88 | 0.9 | 95 | 1.0 | 409 | 0.9 |
| | 45-54 | 76 | 0.5 | 54 | 0.4 | 64 | 0.7 | 66 | 0.7 | 260 | 0.6 |
| | 55-64 | 19 | 0.1 | 16 | 0.1 | 15 | 0.2 | 12 | 0.1 | 62 | 0.1 |
| | 65+ | <5 | --- | <5 | --- | <5 | --- | <5 | --- | 6 | 0.0 |
| Total | | 10,959 | 74.8 | 9,454 | 76.1 | 7,211 | 75.3 | 7,461 | 75.1 | 35,085 | 75.3 |
| Total ^b | Unknown | --- ^a | --- | <5 | --- | <5 | --- | --- ^a | --- | 17 | 0.0 |
| | 0-9 | --- ^a | --- | <5 | --- | <5 | --- | --- ^a | --- | 10 | 0.0 |
| | 10-14 | 113 | 0.8 | 111 | 0.9 | 85 | 0.9 | 77 | 0.8 | 386 | 0.8 |
| | 15-19 | 4,158 | 28.4 | 3,446 | 27.7 | 2,582 | 27.0 | 2,780 | 28.0 | 12,966 | 27.8 |
| | 20-24 | 6,085 | 41.5 | 5,217 | 42.0 | 4,026 | 42.0 | 4,093 | 41.2 | 19,421 | 41.7 |
| | 25-29 | 2,405 | 16.4 | 2,079 | 16.7 | 1,613 | 16.8 | 1,639 | 16.5 | 7,736 | 16.6 |
| | 30-34 | 1,005 | 6.9 | 822 | 6.6 | 645 | 6.7 | 683 | 6.9 | 3,155 | 6.8 |
| | 35-39 | 435 | 3.0 | 380 | 3.1 | 293 | 3.1 | 335 | 3.4 | 1,443 | 3.1 |
| | 40-44 | 228 | 1.6 | 200 | 1.6 | 155 | 1.6 | 172 | 1.7 | 755 | 1.6 |
| | 45-54 | 164 | 1.1 | 113 | 0.9 | 125 | 1.3 | 120 | 1.2 | 522 | 1.1 |
| | 55-64 | 46 | 0.3 | 42 | 0.3 | 44 | 0.5 | 26 | 0.3 | 158 | 0.3 |
| | 65+ | 6 | 0.0 | 8 | 0.1 | 6 | 0.1 | 5 | 0.1 | 25 | 0.1 |
| Total | | 14,654 | 100.0 | 12,424 | 100.0 | 9,580 | 100.0 | 9,936 | 100.0 | 46,594 | 100.0 |

^aCell count and percentages have been suppressed to avoid identification of cells that have counts less than five through direct or indirect means.

^bTotal includes 19 cases with unreported gender (14 cases in Quarter 1, 3 cases in Quarter 2, 1 case in Quarter 3 and 1 case in Quarter 4).

Data Source: North Carolina Electronic Disease Surveillance System (data as of January 5, 2015).

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Table 2. North Carolina Newly Reported Chlamydia Infections by Gender and Race/Ethnicity, 2014

| Gender | Race/Ethnicity | 1st Qtr (Jan - Mar) | | 2nd Qtr (Apr - Jun) | | 3rd Qtr (July - Sept) | | 4th Qtr (Oct - Dec) | | 2014 Total | |
|--------------------|--------------------------------------------|------------------------|--------------|------------------------|--------------|--------------------------|--------------|------------------------|--------------|---------------|--------------|
| | | Cases | % | Cases | % | Cases | % | Cases | % | Cases | % |
| Male | American Indian/Alaska Native ^a | 27 | 0.2 | 37 | 0.3 | 19 | 0.2 | 29 | 0.3 | 112 | 0.2 |
| | Asian/Pacific Islander ^a | 9 | 0.1 | 11 | 0.1 | 10 | 0.1 | 13 | 0.1 | 43 | 0.1 |
| | Black/African American ^a | 1,460 | 10.0 | 1,260 | 10.1 | 987 | 10.3 | 1,023 | 10.3 | 4,730 | 10.2 |
| | Hispanic/Latino | 176 | 1.2 | 161 | 1.3 | 135 | 1.4 | 167 | 1.7 | 639 | 1.4 |
| | White/Caucasian ^a | 466 | 3.2 | 407 | 3.3 | 316 | 3.3 | 365 | 3.7 | 1,554 | 3.3 |
| | Unknown | 1,546 | 10.5 | 1,091 | 8.8 | 901 | 9.4 | 877 | 8.8 | 4,415 | 9.5 |
| | Total | 3,684 | 25.1 | 2,967 | 23.9 | 2,368 | 24.7 | 2,474 | 24.9 | 11,493 | 24.7 |
| Female | American Indian/Alaska Native ^a | 148 | 1.0 | 162 | 1.3 | 114 | 1.2 | 107 | 1.1 | 531 | 1.1 |
| | Asian/Pacific Islander ^a | 57 | 0.4 | 46 | 0.4 | 29 | 0.3 | 48 | 0.5 | 180 | 0.4 |
| | Black/African American ^a | 4,468 | 30.5 | 3,786 | 30.5 | 2,850 | 29.7 | 2,977 | 30.0 | 14,081 | 30.2 |
| | Hispanic/Latino | 702 | 4.8 | 616 | 5.0 | 500 | 5.2 | 479 | 4.8 | 2,297 | 4.9 |
| | White/Caucasian ^a | 2,101 | 14.3 | 1,913 | 15.4 | 1,387 | 14.5 | 1,506 | 15.2 | 6,907 | 14.8 |
| | Unknown | 3,483 | 23.8 | 2,931 | 23.6 | 2,331 | 24.3 | 2,344 | 23.6 | 11,089 | 23.8 |
| | Total | 10,956 | 74.8 | 9,454 | 76.1 | 7,211 | 75.3 | 7,461 | 75.1 | 35,082 | 75.3 |
| Total ^b | American Indian/Alaska Native ^a | 175 | 1.2 | 199 | 1.6 | 133 | 1.4 | 136 | 1.4 | 643 | 1.4 |
| | Asian/Pacific Islander ^a | 66 | 0.5 | 57 | 0.5 | 39 | 0.4 | 61 | 0.6 | 223 | 0.5 |
| | Black/African American ^a | 5,930 | 40.5 | 5,046 | 40.6 | 3,838 | 40.1 | 4,000 | 40.3 | 18,814 | 40.4 |
| | Hispanic/Latino | 879 | 6.0 | 777 | 6.3 | 635 | 6.6 | 646 | 6.5 | 2,937 | 6.3 |
| | White/Caucasian ^a | 2,567 | 17.5 | 2,320 | 18.7 | 1,703 | 17.8 | 1,871 | 18.8 | 8,461 | 18.2 |
| | Unknown | 5,040 | 34.4 | 4,025 | 32.4 | 3,232 | 33.7 | 3,222 | 32.4 | 15,519 | 33.3 |
| | Total | 14,654 | 100.0 | 12,424 | 100.0 | 9,580 | 100.0 | 9,936 | 100.0 | 46,594 | 100.0 |

^aNon-Hispanic/Latino.

^bTotal includes 19 cases with unreported gender (14 cases in Quarter 1, 3 cases in Quarter 2, 1 case in Quarter 3 and 1 case in Quarter 4).

Data Source: North Carolina Electronic Disease Surveillance System (data as of January 5, 2015).

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Table 3. North Carolina Newly Reported Gonorrhea Infections by Gender and Age, 2014

| Gender | Age Group | 1st Qtr (Jan - Mar) | | 2nd Qtr (Apr - Jun) | | 3rd Qtr (July - Sept) | | 4th Qtr (Oct - Dec) | | 2014 Total | |
|--------------------|-----------|------------------------|--------------|------------------------|--------------|--------------------------|--------------|------------------------|--------------|---------------|--------------|
| | | Cases | % | Cases | % | Case | % | Cases | % | Cases | % |
| Male | Unknown | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | 0-9 | 0 | 0.0 | <5 | --- | 0 | 0.0 | <5 | --- | --- | --- |
| | 10-14 | --- | --- | <5 | --- | 7 | 0.2 | <5 | --- | 18 | 0.1 |
| | 15-19 | 270 | 6.2 | 217 | 5.7 | 169 | 5.6 | 199 | 7.0 | 855 | 6.1 |
| | 20-24 | 762 | 17.6 | 615 | 16.2 | 488 | 16.2 | 484 | 16.9 | 2,349 | 16.8 |
| | 25-29 | 416 | 9.6 | 374 | 9.8 | 285 | 9.5 | 308 | 10.8 | 1,383 | 9.9 |
| | 30-34 | 197 | 4.5 | 198 | 5.2 | 171 | 5.7 | 146 | 5.1 | 712 | 5.1 |
| | 35-39 | 134 | 3.1 | 115 | 3.0 | 89 | 3.0 | 82 | 2.9 | 420 | 3.0 |
| | 40-44 | 73 | 1.7 | 53 | 1.4 | 56 | 1.9 | 64 | 2.2 | 246 | 1.8 |
| | 45-54 | 122 | 2.8 | 85 | 2.2 | 69 | 2.3 | 69 | 2.4 | 345 | 2.5 |
| | 55-64 | 19 | 0.4 | 29 | 0.8 | 42 | 1.4 | 24 | 0.8 | 114 | 0.8 |
| | 65+ | --- | --- | <5 | --- | 7 | 0.2 | 6 | 0.2 | --- | --- |
| Total | | 2,000 | 46.2 | 1,692 | 44.5 | 1,383 | 45.9 | 1,386 | 48.5 | 6,461 | 46.2 |
| Female | Unknown | <5 | --- | 0 | 0.0 | 0 | 0.0 | --- | --- | <5 | --- |
| | 0-9 | <5 | --- | 0 | 0.0 | --- | --- | 0 | 0.0 | 5 | 0.0 |
| | 10-14 | 28 | 0.6 | 24 | 0.6 | 18 | 0.6 | 16 | 0.6 | 86 | 0.6 |
| | 15-19 | 655 | 15.1 | 516 | 13.6 | 428 | 14.2 | 386 | 13.5 | 1,985 | 14.2 |
| | 20-24 | 946 | 21.8 | 886 | 23.3 | 675 | 22.4 | 582 | 20.4 | 3,089 | 22.1 |
| | 25-29 | 394 | 9.1 | 383 | 10.1 | 295 | 9.8 | 264 | 9.2 | 1,336 | 9.5 |
| | 30-34 | 164 | 3.8 | 159 | 4.2 | 104 | 3.5 | 125 | 4.4 | 552 | 3.9 |
| | 35-39 | 59 | 1.4 | 69 | 1.8 | 63 | 2.1 | 47 | 1.6 | 238 | 1.7 |
| | 40-44 | 44 | 1.0 | 33 | 0.9 | 20 | 0.7 | 31 | 1.1 | 128 | 0.9 |
| | 45-54 | 22 | 0.5 | 28 | 0.7 | 21 | 0.7 | 13 | 0.5 | 84 | 0.6 |
| | 55-64 | 8 | 0.2 | --- | --- | --- | --- | --- | --- | 26 | 0.2 |
| | 65+ | 0 | 0.0 | --- | --- | 0 | 0.0 | 0 | 0.0 | <5 | --- |
| Total | | 2,325 | 53.7 | 2,107 | 55.5 | 1,630 | 54.1 | 1,471 | 51.5 | 7,533 | 53.8 |
| Total ^b | Unknown | <5 | --- | 0 | 0.0 | 0 | 0.0 | <5 | --- | --- | --- |
| | 0-9 | <5 | --- | <5 | --- | --- | --- | <5 | --- | --- | --- |
| | 10-14 | 34 | 0.8 | 26 | 0.7 | 25 | 0.8 | 19 | 0.7 | 104 | 0.7 |
| | 15-19 | 927 | 21.4 | 733 | 19.3 | 597 | 19.8 | 585 | 20.5 | 2,842 | 20.3 |
| | 20-24 | 1,709 | 39.5 | 1,501 | 39.5 | 1,164 | 38.6 | 1,066 | 37.3 | 5,440 | 38.9 |
| | 25-29 | 810 | 18.7 | 757 | 19.9 | 580 | 19.2 | 572 | 20.0 | 2,719 | 19.4 |
| | 30-34 | 361 | 8.3 | 357 | 9.4 | 275 | 9.1 | 271 | 9.5 | 1,264 | 9.0 |
| | 35-39 | 193 | 4.5 | 184 | 4.8 | 152 | 5.0 | 129 | 4.5 | 658 | 4.7 |
| | 40-44 | 117 | 2.7 | 86 | 2.3 | 76 | 2.5 | 95 | 3.3 | 374 | 2.7 |
| | 45-54 | 146 | 3.4 | 113 | 3.0 | 90 | 3.0 | 82 | 2.9 | 431 | 3.1 |
| | 55-64 | 27 | 0.6 | 37 | 1.0 | 47 | 1.6 | 29 | 1.0 | 140 | 1.0 |
| | 65+ | <5 | --- | <5 | --- | --- | --- | 6 | 0.2 | 18 | 0.1 |
| Total | | 4,330 | 100.0 | 3,799 | 100.0 | 3,014 | 100.0 | 2,857 | 100.0 | 14,000 | 100.0 |

^aCell count and percentages have been suppressed to avoid identification of cells that have counts less than five through direct or indirect means.

^bTotal includes 6 cases with unreported gender (5 cases in Quarter 1 and 1 case in Quarter 3).

Data Source: North Carolina Electronic Disease Surveillance System (data as of January 5, 2015).

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Table 4. North Carolina Newly Reported Gonorrhea Infections by Gender and Race/Ethnicity, 2014

| Gender | Race/Ethnicity | 1st Qtr (Jan - Mar) | | 2nd Qtr (Apr - Jun) | | 3rd Qtr (July - Sept) | | 4th Qtr (Oct - Dec) | | 2014 Total | |
|--------------------|--------------------------------------------|------------------------|--------------|------------------------|--------------|--------------------------|--------------|------------------------|--------------|---------------|--------------|
| | | Cases | % | Cases | % | Cases | % | Cases | % | Cases | % |
| Male | American Indian/Alaska Native ^a | 12 | 0.3 | --- | --- | --- | --- | --- | --- | 63 | 0.5 |
| | Asian/Pacific Islander ^a | 5 | 0.1 | --- | --- | --- | --- | --- | --- | 15 | 0.1 |
| | Black/African American ^a | 1,145 | 26.4 | 1,006 | 26.5 | 770 | 25.5 | 811 | 28.4 | 3,732 | 26.7 |
| | Hispanic/Latino | 56 | 1.3 | 37 | 1.0 | 52 | 1.7 | 35 | 1.2 | 180 | 1.3 |
| | White/Caucasian ^a | 173 | 4.0 | 181 | 4.8 | 152 | 5.0 | 149 | 5.2 | 655 | 4.7 |
| | Unknown | 609 | 14.1 | 449 | 11.8 | 384 | 12.7 | 374 | 13.1 | 1,816 | 13.0 |
| | Total | 2,000 | 46.2 | 1,692 | 44.5 | 1,383 | 45.9 | 1,386 | 48.5 | 6,461 | 46.2 |
| Female | American Indian/Alaska Native ^a | --- | --- | --- | --- | --- | --- | 18 | 0.6 | 97 | 0.7 |
| | Asian/Pacific Islander ^a | --- | --- | --- | --- | --- | --- | 8 | 0.3 | 14 | 0.1 |
| | Black/African American ^a | 1,252 | 28.9 | 1,116 | 29.4 | 889 | 29.5 | 844 | 29.5 | 4,101 | 29.3 |
| | Hispanic/Latino | 56 | 1.3 | 57 | 1.5 | 45 | 1.5 | 36 | 1.3 | 194 | 1.4 |
| | White/Caucasian ^a | 333 | 7.7 | 293 | 7.7 | 213 | 7.1 | 203 | 7.1 | 1,042 | 7.4 |
| | Unknown | 662 | 15.3 | 605 | 15.9 | 456 | 15.1 | 362 | 12.7 | 2,085 | 14.9 |
| | Total | 2,325 | 53.7 | 2,107 | 55.5 | 1,630 | 54.1 | 1,471 | 51.5 | 7,533 | 53.8 |
| Total ^c | American Indian/Alaska Native ^a | 33 | 0.8 | --- | --- | 45 | 1.5 | 31 | 1.1 | 160 | 1.1 |
| | Asian/Pacific Islander ^a | 6 | 0.1 | --- | --- | 7 | 0.2 | 12 | 0.4 | 29 | 0.2 |
| | Black/African American ^a | 2,397 | 55.4 | 2,122 | 55.9 | 1,660 | 55.1 | 1,655 | 57.9 | 7,834 | 56.0 |
| | Hispanic/Latino | 112 | 2.6 | 94 | 2.5 | 97 | 3.2 | 71 | 2.5 | 374 | 2.7 |
| | White/Caucasian ^a | 506 | 11.7 | 474 | 12.5 | 365 | 12.1 | 352 | 12.3 | 1,697 | 12.1 |
| | Unknown | 1,276 | 29.5 | 1,054 | 27.7 | 840 | 27.9 | 736 | 25.8 | 3,906 | 27.9 |
| | Total | 4,330 | 100.0 | 3,799 | 100.0 | 3,014 | 100.0 | 2,857 | 100.0 | 14,000 | 100.0 |

^aNon-Hispanic/Latino.

^bCell count and percentages have been suppressed to avoid identification of cells that have counts less than five through direct or indirect means.

^cTotal includes 19 cases with unreported gender (14 cases in Quarter 1, 3 cases in Quarter 2, 1 case in Quarter 3 and 1 case in Quarter 4).

Data Source: North Carolina Electronic Disease Surveillance System (data as of January 5, 2015).

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Table 5. North Carolina Newly Reported Early Syphilis (Primary, Secondary, and Early Latent) Infections by Gender and Age, 2014

| Gender | Age Group | 1st Qtr (Jan - Mar) | | 2nd Qtr (Apr - Jun) | | 3rd Qtr (July - Sept) | | 4th Qtr (Oct - Dec) | | 2014 Total | |
|--------------|-----------|------------------------|--------------|------------------------|--------------|--------------------------|--------------|------------------------|--------------|--------------|--------------|
| | | Cases | % | Cases | % | Case | % | Cases | % | Cases | % |
| Male | Unknown | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | <5 | --- | <5 | --- |
| | 0-9 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | 10-14 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | 15-19 | 7 | 3.4 | --- | --- | 8 | 2.7 | 21 | 7.1 | 48 | 4.5 |
| | 20-24 | 47 | 23.0 | 58 | 21.4 | 67 | 22.6 | 63 | 21.4 | 235 | 22.1 |
| | 25-29 | 33 | 16.2 | 45 | 16.6 | 64 | 21.6 | 52 | 17.7 | 194 | 18.2 |
| | 30-34 | 19 | 9.3 | 31 | 11.4 | 36 | 12.2 | 39 | 13.3 | 125 | 11.7 |
| | 35-39 | 25 | 12.3 | 27 | 10.0 | 31 | 10.5 | 20 | 6.8 | 103 | 9.7 |
| | 40-44 | 16 | 7.8 | 27 | 10.0 | 20 | 6.8 | 20 | 6.8 | 83 | 7.8 |
| | 45-54 | 24 | 11.8 | 20 | 7.4 | 23 | 7.8 | 38 | 12.9 | 105 | 9.9 |
| | 55-64 | --- | --- | 14 | 5.2 | --- | --- | 9 | 3.1 | 32 | 3.0 |
| | 65+ | --- | --- | --- | --- | --- | --- | <5 | --- | 10 | 0.9 |
| Total | | 177 | 86.8 | 235 | 86.7 | 259 | 87.5 | 265 | 90.1 | 936 | 87.9 |
| Female | Unknown | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | 0-9 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | 10-14 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | 15-19 | <5 | --- | <5 | --- | 0 | 0.0 | <5 | --- | 8 | 0.8 |
| | 20-24 | 9 | 4.4 | 6 | 2.2 | 14 | 4.7 | 10 | 3.4 | 39 | 3.7 |
| | 25-29 | 7 | 3.4 | 7 | 2.6 | 10 | 3.4 | <5 | --- | 27 | 2.5 |
| | 30-34 | <5 | --- | <5 | --- | 5 | 1.7 | <5 | --- | 16 | 1.5 |
| | 35-39 | <5 | --- | 5 | 1.8 | <5 | --- | <5 | --- | 9 | 0.8 |
| | 40-44 | <5 | --- | <5 | --- | 5 | 1.7 | 7 | 2.4 | 15 | 1.4 |
| | 45-54 | <5 | --- | 6 | 2.2 | <5 | --- | <5 | --- | 11 | 1.0 |
| | 55-64 | <5 | --- | <5 | --- | 0 | 0.0 | 0 | 0.0 | <5 | --- |
| | 65+ | 0 | 0.0 | 0 | 0.0 | 1 | 0.3 | 0 | 0.0 | <5 | --- |
| Total | | 27 | 13.2 | 36 | 13.3 | 37 | 12.5 | 29 | 9.9 | 129 | 12.1 |
| Total | Unknown | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | <5 | --- | --- | --- |
| | 0-9 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | 10-14 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | 15-19 | 10 | 4.9 | 16 | 5.9 | 8 | 2.7 | 22 | 7.5 | 56 | 5.3 |
| | 20-24 | 56 | 27.5 | 64 | 23.6 | 81 | 27.4 | 73 | 24.8 | 274 | 25.7 |
| | 25-29 | 40 | 19.6 | 52 | 19.2 | 74 | 25.0 | 55 | 18.7 | 221 | 20.8 |
| | 30-34 | 22 | 10.8 | 35 | 12.9 | 41 | 13.9 | 43 | 14.6 | 141 | 13.2 |
| | 35-39 | 26 | 12.7 | 32 | 11.8 | 32 | 10.8 | 22 | 7.5 | 112 | 10.5 |
| | 40-44 | 17 | 8.3 | 29 | 10.7 | 25 | 8.4 | 27 | 9.2 | 98 | 9.2 |
| | 45-54 | 26 | 12.7 | 26 | 9.6 | 24 | 8.1 | 40 | 13.6 | 116 | 10.9 |
| | 55-64 | <5 | --- | --- | --- | --- | --- | 9 | 3.1 | 35 | 3.3 |
| | 65+ | <5 | --- | --- | --- | --- | --- | <5 | --- | --- | --- |
| Total | | 204 | 100.0 | 271 | 100.0 | 296 | 100.0 | 294 | 100.0 | 1,065 | 100.0 |

*Cell count and percentages have been suppressed to avoid identification of cells that have counts less than five through direct or indirect means.

Data Source: North Carolina Electronic Disease Surveillance System (data as of January 5, 2015).

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Table 6. North Carolina Newly Reported Early Syphilis (Primary, Secondary, and Early Latent) Infections by Gender and Race/Ethnicity, 2014

| Gender | Race/Ethnicity | 1st Qtr (Jan - Mar) | | 2nd Qtr (Apr - Jun) | | 3rd Qtr (July - Sept) | | 4th Qtr (Oct - Dec) | | 2014 Total | |
|--------------------|--------------------------------------------|------------------------|-------|------------------------|-------|--------------------------|-------|------------------------|-------|------------------|-------|
| | | Cases | % | Cases | % | Cases | % | Cases | % | Cases | % |
| Male | American Indian/Alaska Native ^a | <5 | --- | <5 | --- | --- ^b | --- | <5 | --- | --- ^b | --- |
| | Asian/Pacific Islander ^a | <5 | --- | <5 | --- | 0 | 0.0 | <5 | --- | --- ^b | --- |
| | Black/African American ^a | 103 | 50.5 | 135 | 49.8 | 161 | 54.4 | 144 | 49.0 | 543 | 51.0 |
| | Hispanic/Latino | 9 | 4.4 | 21 | 7.7 | 21 | 7.1 | 19 | 6.5 | 70 | 6.6 |
| | White/Caucasian ^a | 53 | 26.0 | 65 | 24.0 | 68 | 23.0 | 88 | 29.9 | 274 | 25.7 |
| | Unknown | 9 | 4.4 | 8 | 3.0 | --- ^b | --- | 11 | 3.7 | 34 | 3.2 |
| | Total | 177 | 86.8 | 235 | 86.7 | 259 | 87.5 | 265 | 90.1 | 936 | 87.9 |
| Female | American Indian/Alaska Native ^a | 0 | 0.0 | <5 | --- | 0 | 0.0 | 0 | 0.0 | --- ^b | --- |
| | Asian/Pacific Islander ^a | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | Black/African American ^a | 18 | 8.8 | 27 | 10.0 | 28 | 9.5 | 17 | 5.8 | 90 | 8.5 |
| | Hispanic/Latino | --- ^b | --- | <5 | --- | <5 | --- | <5 | --- | 11 | 1.0 |
| | White/Caucasian ^a | --- ^b | --- | <5 | --- | 6 | 2.0 | 9 | 3.1 | 25 | 2.3 |
| | Unknown | 0 | 0.0 | 0 | 0.0 | <5 | --- | <5 | --- | --- ^b | --- |
| | Total | 27 | 13.2 | 36 | 13.3 | 37 | 12.5 | 29 | 9.9 | 129 | 12.1 |
| Total ^c | American Indian/Alaska Native ^a | <5 | --- | --- ^b | --- | <5 | --- | <5 | --- | 11 | 1.0 |
| | Asian/Pacific Islander ^a | <5 | --- | --- ^b | --- | 0 | 0.0 | <5 | --- | 5 | 0.5 |
| | Black/African American ^a | 121 | 59.3 | 162 | 59.8 | 189 | 63.9 | 161 | 54.8 | 633 | 59.4 |
| | Hispanic/Latino | 12 | 5.9 | 25 | 9.2 | 23 | 7.8 | 21 | 7.1 | 81 | 7.6 |
| | White/Caucasian ^a | 59 | 28.9 | 69 | 25.5 | 74 | 25.0 | 97 | 33.0 | 299 | 28.1 |
| | Unknown | 9 | 4.4 | 8 | 3.0 | 7 | 2.4 | 12 | 4.1 | 36 | 3.4 |
| | Total | 204 | 100.0 | 271 | 100.0 | 296 | 100.0 | 294 | 100.0 | 1,065 | 100.0 |

^aNon-Hispanic/Latino.

^bCell count and percentages have been suppressed to avoid identification of cells that have counts less than five through direct or indirect means.

^cTotal includes 19 cases with unreported gender (14 cases in Quarter 1, 3 cases in Quarter 2, 1 case in Quarter 3 and 1 case in Quarter 4).

Data Source: North Carolina Electronic Disease Surveillance System (data as of January 5, 2015).

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Table 7. North Carolina Newly Reported Chlamydia, Gonorrhea, and Early Syphilis (Primary, Secondary, and Early Latent) Infections by County of Residence at Time of Report, 2012-2014

| COUNTY | CHLAMYDIA | | | GONORRHEA | | | P. & S. SYPHILIS | | | E. L. SYPHILIS | | |
|------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | 2012 Jan-Dec | 2013 Jan-Dec | 2014 Jan-Dec | 2012 Jan-Dec | 2013 Jan-Dec | 2014 Jan-Dec | 2012 Jan-Dec | 2013 Jan-Dec | 2014 Jan-Dec | 2012 Jan-Dec | 2013 Jan-Dec | 2014 Jan-Dec |
| ALAMANCE | 725 | 513 | 622 | 256 | 138 | 258 | 3 | 5 | 4 | 3 | 2 | 5 |
| ALEXANDER | 76 | 73 | 70 | 9 | 8 | 13 | 0 | 0 | 0 | 1 | 0 | 0 |
| ALLEGHANY | 17 | 23 | 13 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANSON | 183 | 134 | 167 | 65 | 43 | 57 | 0 | 0 | 0 | 1 | 0 | 0 |
| ASHE | 22 | 11 | 20 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| AVERY | 10 | 12 | 7 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| BEAUFORT | 326 | 261 | 208 | 82 | 46 | 34 | 2 | 1 | 4 | 2 | 2 | 2 |
| BERTIE | 148 | 110 | 103 | 59 | 46 | 28 | 0 | 0 | 0 | 0 | 0 | 0 |
| BLADEN | 181 | 211 | 171 | 44 | 69 | 43 | 1 | 0 | 3 | 1 | 2 | 2 |
| BRUNSWICK | 281 | 252 | 237 | 77 | 62 | 73 | 2 | 1 | 2 | 1 | 1 | 0 |
| BUNCOMBE | 769 | 897 | 766 | 159 | 290 | 229 | 3 | 4 | 7 | 2 | 5 | 6 |
| BURKE | 225 | 226 | 182 | 70 | 33 | 26 | 0 | 2 | 2 | 1 | 4 | 0 |
| CABARRUS | 722 | 666 | 762 | 141 | 145 | 162 | 2 | 2 | 3 | 0 | 0 | 3 |
| CALDWELL | 195 | 177 | 170 | 44 | 44 | 23 | 0 | 0 | 0 | 0 | 0 | 0 |
| CAMDEN | 16 | 39 | 23 | 5 | 5 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| CARTERET | 214 | 182 | 169 | 49 | 36 | 20 | 1 | 0 | 0 | 2 | 1 | 2 |
| CASWELL | 81 | 65 | 62 | 20 | 29 | 21 | 0 | 0 | 0 | 1 | 3 | 1 |
| CATAWBA | 557 | 542 | 502 | 156 | 113 | 126 | 1 | 1 | 2 | 1 | 2 | 3 |
| CHATHAM | 142 | 169 | 161 | 37 | 36 | 30 | 1 | 1 | 2 | 2 | 1 | 1 |
| CHEROKEE | 39 | 29 | 33 | 16 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHOWAN | 85 | 60 | 82 | 8 | 10 | 18 | 1 | 1 | 0 | 0 | 0 | 0 |
| CLAY | 14 | 12 | 16 | 1 | 4 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |
| CLEVELAND | 498 | 374 | 415 | 163 | 129 | 111 | 1 | 1 | 1 | 2 | 0 | 0 |
| COLUMBUS | 257 | 226 | 204 | 81 | 75 | 77 | 1 | 0 | 0 | 2 | 1 | 1 |
| CRAVEN | 535 | 552 | 585 | 145 | 103 | 108 | 5 | 4 | 5 | 9 | 1 | 5 |
| CUMBERLAND | 3,589 | 3,610 | 3,043 | 1,170 | 1,196 | 1,060 | 11 | 19 | 51 | 21 | 11 | 30 |
| CURRITUCK | 51 | 70 | 71 | 8 | 6 | 6 | 1 | 0 | 0 | 0 | 0 | 0 |
| DARE | 90 | 104 | 90 | 3 | 5 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| DAVIDSON | 488 | 544 | 441 | 101 | 138 | 120 | 4 | 3 | 4 | 3 | 4 | 3 |
| DAVIE | 83 | 109 | 114 | 12 | 19 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| DUPLIN | 208 | 207 | 214 | 70 | 64 | 34 | 0 | 0 | 2 | 2 | 0 | 1 |
| DURHAM | 2,329 | 2,002 | 2,057 | 820 | 758 | 727 | 20 | 30 | 46 | 6 | 16 | 23 |
| EDGECOMBE | 645 | 541 | 542 | 180 | 172 | 188 | 4 | 3 | 5 | 2 | 4 | 2 |
| FORSYTH | 2,704 | 2,508 | 2,253 | 712 | 742 | 874 | 22 | 24 | 31 | 21 | 18 | 19 |
| FRANKLIN | 250 | 206 | 239 | 98 | 62 | 83 | 0 | 2 | 4 | 1 | 0 | 0 |
| GASTON | 892 | 1,258 | 990 | 194 | 341 | 271 | 2 | 4 | 5 | 4 | 1 | 3 |
| GATES | 49 | 46 | 34 | 17 | 9 | 4 | 0 | 1 | 1 | 0 | 0 | 0 |
| GRAHAM | 20 | 11 | 16 | 1 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| GRANVILLE | 289 | 251 | 310 | 87 | 85 | 66 | 1 | 1 | 1 | 1 | 0 | 0 |
| GREENE | 104 | 84 | 90 | 28 | 39 | 29 | 0 | 0 | 3 | 0 | 0 | 1 |
| GUILFORD | 3,949 | 3,748 | 3,374 | 1,473 | 1,344 | 1,224 | 35 | 29 | 37 | 31 | 21 | 49 |
| HALIFAX | 426 | 421 | 385 | 128 | 100 | 72 | 2 | 2 | 0 | 0 | 0 | 0 |
| HARNETT | 417 | 468 | 448 | 96 | 128 | 100 | 4 | 5 | 6 | 2 | 3 | 2 |
| HAYWOOD | 132 | 114 | 99 | 11 | 20 | 21 | 0 | 0 | 2 | 0 | 0 | 2 |
| HENDERSON | 229 | 210 | 245 | 72 | 64 | 46 | 1 | 1 | 1 | 0 | 0 | 2 |
| HERTFORD | 171 | 162 | 166 | 44 | 41 | 32 | 1 | 0 | 4 | 0 | 0 | 0 |
| HOKE | 277 | 247 | 257 | 116 | 90 | 90 | 0 | 1 | 1 | 3 | 1 | 2 |
| HYDE | 13 | 13 | 7 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| IREDELL | 542 | 466 | 455 | 120 | 97 | 119 | 6 | 3 | 1 | 0 | 2 | 1 |
| JACKSON | 154 | 108 | 111 | 38 | 17 | 36 | 0 | 0 | 0 | 0 | 0 | 0 |
| JOHNSTON | 464 | 550 | 491 | 94 | 117 | 106 | 0 | 2 | 9 | 2 | 1 | 3 |
| JONES | 33 | 31 | 29 | 7 | 4 | 9 | 0 | 0 | 0 | 0 | 0 | 1 |

Continued

Data Source: North Carolina Electronic Disease Surveillance System (data as of January 5, 2015).

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Table 7 (Continued). North Carolina Newly Reported Chlamydia, Gonorrhea, and Early Syphilis (Primary, Secondary, and Early Latent) Infections by County of Residence at Time of Report, 2012-2014

| COUNTY | CHLAMYDIA | | | GONORRHEA | | | P. & S. SYPHILIS | | | E. L. SYPHILIS | | |
|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | 2012 Jan-Dec | 2013 Jan-Dec | 2014 Jan-Dec | 2012 Jan-Dec | 2013 Jan-Dec | 2014 Jan-Dec | 2012 Jan-Dec | 2013 Jan-Dec | 2014 Jan-Dec | 2012 Jan-Dec | 2013 Jan-Dec | 2014 Jan-Dec |
| LEE | 281 | 312 | 245 | 97 | 85 | 64 | 0 | 0 | 1 | 1 | 1 | 0 |
| LENOIR | 360 | 386 | 367 | 111 | 119 | 142 | 7 | 5 | 11 | 4 | 7 | 4 |
| LINCOLN | 187 | 196 | 193 | 36 | 22 | 29 | 0 | 0 | 2 | 0 | 0 | 4 |
| MACON | 50 | 74 | 82 | 7 | 11 | 12 | 0 | 0 | 0 | 0 | 0 | 1 |
| MADISON | 46 | 46 | 33 | 5 | 5 | 8 | 0 | 0 | 1 | 2 | 0 | 0 |
| MARTIN | 167 | 134 | 99 | 61 | 39 | 28 | 0 | 1 | 1 | 0 | 0 | 0 |
| MCDOWELL | 108 | 109 | 100 | 10 | 4 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| MECKLENBURG | 6,287 | 6,087 | 6,289 | 1,848 | 1,775 | 2,248 | 88 | 109 | 160 | 46 | 46 | 74 |
| MITCHELL | 15 | 16 | 12 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| MONTGOMERY | 90 | 107 | 106 | 14 | 22 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| MOORE | 269 | 293 | 269 | 47 | 44 | 78 | 1 | 0 | 2 | 1 | 0 | 1 |
| NASH | 590 | 558 | 554 | 210 | 176 | 170 | 3 | 1 | 10 | 2 | 1 | 0 |
| NEW HANOVER | 1,069 | 933 | 903 | 262 | 266 | 316 | 2 | 5 | 10 | 2 | 1 | 5 |
| NORTHAMPTON | 139 | 143 | 134 | 49 | 41 | 42 | 1 | 1 | 0 | 0 | 0 | 1 |
| ONSLow | 1,495 | 1,481 | 1,187 | 250 | 302 | 232 | 1 | 3 | 5 | 0 | 4 | 3 |
| ORANGE | 456 | 470 | 467 | 85 | 114 | 109 | 3 | 3 | 12 | 1 | 0 | 4 |
| PAMLICO | 34 | 37 | 41 | 8 | 5 | 16 | 0 | 1 | 0 | 0 | 1 | 0 |
| PASQUOTANK | 314 | 316 | 206 | 88 | 54 | 55 | 0 | 2 | 1 | 0 | 1 | 1 |
| PENDER | 133 | 153 | 147 | 23 | 47 | 44 | 0 | 2 | 1 | 0 | 1 | 1 |
| PERQUIMANS | 58 | 52 | 43 | 14 | 13 | 13 | 0 | 0 | 0 | 0 | 0 | 0 |
| PERSON | 171 | 159 | 151 | 35 | 44 | 42 | 0 | 1 | 1 | 0 | 0 | 0 |
| PITT | 1,663 | 1,639 | 1,505 | 351 | 323 | 378 | 21 | 13 | 21 | 14 | 8 | 16 |
| POLK | 32 | 24 | 26 | 10 | 3 | 6 | 0 | 0 | 1 | 0 | 0 | 0 |
| RANDOLPH | 399 | 365 | 439 | 47 | 55 | 100 | 1 | 1 | 1 | 0 | 0 | 2 |
| RICHMOND | 214 | 223 | 318 | 68 | 42 | 60 | 1 | 0 | 2 | 2 | 0 | 0 |
| ROBESON | 1,141 | 1,019 | 903 | 321 | 260 | 318 | 5 | 6 | 11 | 1 | 3 | 12 |
| ROCKINGHAM | 380 | 305 | 255 | 121 | 94 | 88 | 4 | 8 | 3 | 0 | 0 | 4 |
| ROWAN | 680 | 726 | 662 | 204 | 237 | 208 | 4 | 3 | 6 | 3 | 3 | 4 |
| RUTHERFORD | 253 | 193 | 159 | 35 | 58 | 67 | 0 | 0 | 0 | 0 | 0 | 0 |
| SAMPSON | 193 | 266 | 244 | 100 | 116 | 63 | 1 | 0 | 7 | 5 | 2 | 2 |
| SCOTLAND | 259 | 298 | 284 | 93 | 124 | 98 | 0 | 1 | 1 | 0 | 2 | 1 |
| STANLY | 165 | 184 | 164 | 34 | 55 | 45 | 0 | 1 | 4 | 1 | 1 | 4 |
| STOKES | 104 | 108 | 107 | 11 | 12 | 14 | 0 | 0 | 0 | 0 | 1 | 0 |
| SURRY | 160 | 152 | 140 | 19 | 15 | 15 | 1 | 0 | 0 | 0 | 0 | 0 |
| SWAIN | 75 | 42 | 53 | 21 | 3 | 22 | 0 | 0 | 0 | 0 | 0 | 0 |
| TRANSYLVANIA | 92 | 79 | 91 | 5 | 16 | 21 | 0 | 0 | 1 | 0 | 0 | 0 |
| TYRRELL | 14 | 26 | 17 | 3 | 3 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| UNION | 517 | 459 | 568 | 172 | 112 | 110 | 3 | 4 | 4 | 1 | 1 | 1 |
| VANCE | 491 | 361 | 572 | 207 | 148 | 227 | 1 | 2 | 6 | 0 | 3 | 2 |
| WAKE | 4,667 | 4,210 | 4,352 | 1,340 | 1,205 | 1,157 | 56 | 66 | 107 | 28 | 40 | 64 |
| WARREN | 110 | 108 | 127 | 66 | 43 | 29 | 0 | 1 | 2 | 0 | 0 | 0 |
| WASHINGTON | 84 | 84 | 59 | 13 | 35 | 25 | 0 | 1 | 0 | 0 | 0 | 1 |
| WATAUGA | 94 | 116 | 118 | 8 | 2 | 15 | 1 | 0 | 2 | 0 | 0 | 0 |
| WAYNE | 820 | 817 | 732 | 221 | 197 | 225 | 3 | 9 | 6 | 2 | 0 | 10 |
| WILKES | 160 | 105 | 136 | 12 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| WILSON | 533 | 425 | 511 | 183 | 156 | 155 | 1 | 2 | 9 | 2 | 0 | 4 |
| YADKIN | 64 | 101 | 73 | 6 | 13 | 13 | 1 | 1 | 0 | 0 | 1 | 1 |
| YANCEY | 20 | 15 | 30 | 0 | 3 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| UNKNOWN | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 50,621 | 48,417 | 46,594 | 14,324 | 13,665 | 14,000 | 349 | 406 | 662 | 249 | 236 | 403 |

Data Source: North Carolina Electronic Disease Surveillance System (data as of January 5, 2015).

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Table 8. North Carolina Newly Reported HIV Infections by County of Residence at Time of Report, 2012-2014

| COUNTY | 2012 Jan-Dec | 2013 Jan-Dec | 2014 Jan-Dec |
|------------|-----------------|-----------------|-----------------|
| ALAMANCE | 15 | 20 | 22 |
| ALEXANDER | 0 | 1 | 5 |
| ALLEGHANY | 0 | 0 | 0 |
| ANSON | 1 | 6 | 3 |
| ASHE | 0 | 1 | 0 |
| AVERY | 0 | 0 | 0 |
| BEAUFORT | 4 | 6 | 4 |
| BERTIE | 3 | 3 | 6 |
| BLADEN | 2 | 10 | 6 |
| BRUNSWICK | 10 | 9 | 14 |
| BUNCOMBE | 26 | 29 | 25 |
| BURKE | 3 | 3 | 1 |
| CABARRUS | 12 | 22 | 22 |
| CALDWELL | 7 | 2 | 1 |
| CAMDEN | 0 | 0 | 0 |
| CARTERET | 4 | 5 | 4 |
| CASWELL | 2 | 2 | 0 |
| CATAWBA | 11 | 15 | 15 |
| CHATHAM | 2 | 7 | 3 |
| CHEROKEE | 1 | 0 | 2 |
| CHOWAN | 1 | 2 | 1 |
| CLAY | 0 | 0 | 0 |
| CLEVELAND | 8 | 9 | 11 |
| COLUMBUS | 5 | 4 | 13 |
| CRAVEN | 12 | 12 | 10 |
| CUMBERLAND | 68 | 82 | 98 |
| CURRITUCK | 0 | 0 | 1 |
| DARE | 1 | 5 | 1 |
| DAVIDSON | 16 | 16 | 9 |
| DAVIE | 2 | 0 | 0 |
| DUPLIN | 4 | 9 | 5 |
| DURHAM | 65 | 81 | 82 |
| EDGECOMBE | 13 | 17 | 21 |
| FORSYTH | 69 | 68 | 65 |
| FRANKLIN | 4 | 6 | 3 |
| GASTON | 29 | 29 | 28 |
| GATES | 0 | 1 | 0 |
| GRAHAM | 0 | 1 | 0 |
| GRANVILLE | 13 | 9 | 6 |
| GREENE | 2 | 2 | 5 |
| GUILFORD | 100 | 120 | 114 |
| HALIFAX | 12 | 8 | 11 |
| HARNETT | 7 | 13 | 10 |
| HAYWOOD | 1 | 3 | 3 |
| HENDERSON | 4 | 3 | 6 |
| HERTFORD | 1 | 5 | 3 |
| HOKE | 10 | 7 | 13 |
| HYDE | 0 | 0 | 0 |
| IREDELL | 8 | 10 | 7 |
| JACKSON | 2 | 3 | 5 |
| JOHNSTON | 12 | 17 | 18 |

| COUNTY | 2012 Jan-Dec | 2013 Jan-Dec | 2014 Jan-Dec |
|--------------|-----------------|-----------------|-----------------|
| JONES | 1 | 1 | 1 |
| LEE | 5 | 2 | 10 |
| LENOIR | 1 | 19 | 10 |
| LINCOLN | 6 | 6 | 1 |
| MACON | 1 | 2 | 3 |
| MADISON | 0 | 1 | 0 |
| MARTIN | 4 | 3 | 2 |
| MCDOWELL | 0 | 4 | 1 |
| MECKLENBURG | 243 | 331 | 362 |
| MITCHELL | 0 | 0 | 0 |
| MONTGOMERY | 2 | 3 | 3 |
| MOORE | 4 | 9 | 15 |
| NASH | 16 | 16 | 19 |
| NEW HANOVER | 23 | 19 | 15 |
| NORTHAMPTON | 3 | 5 | 5 |
| ONSLow | 14 | 20 | 22 |
| ORANGE | 13 | 20 | 16 |
| PAMLICO | 1 | 3 | 2 |
| PASQUOTANK | 4 | 6 | 5 |
| PENDER | 3 | 2 | 8 |
| PERQUIMANS | 0 | 0 | 2 |
| PERSON | 4 | 8 | 4 |
| PITT | 31 | 36 | 45 |
| POLK | 1 | 0 | 2 |
| RANDOLPH | 8 | 6 | 6 |
| RICHMOND | 3 | 4 | 3 |
| ROBESON | 23 | 24 | 20 |
| ROCKINGHAM | 2 | 5 | 6 |
| ROWAN | 11 | 7 | 12 |
| RUTHERFORD | 1 | 1 | 1 |
| SAMPSON | 3 | 4 | 9 |
| SCOTLAND | 7 | 1 | 8 |
| STANLY | 3 | 5 | 9 |
| STOKES | 2 | 1 | 2 |
| SURRY | 7 | 6 | 3 |
| SWAIN | 0 | 2 | 1 |
| TRANSYLVANIA | 1 | 1 | 3 |
| TYRRELL | 0 | 0 | 0 |
| UNION | 10 | 18 | 15 |
| VANCE | 10 | 7 | 14 |
| WAKE | 134 | 167 | 181 |
| WARREN | 3 | 0 | 1 |
| WASHINGTON | 1 | 0 | 5 |
| WATAUGA | 3 | 2 | 2 |
| WAYNE | 18 | 18 | 16 |
| WILKES | 5 | 4 | 2 |
| WILSON | 18 | 9 | 15 |
| YADKIN | 2 | 1 | 3 |
| YANCEY | 0 | 0 | 0 |
| UNASSIGNED* | 55 | 78 | 59 |
| TOTAL | 1,282 | 1,570 | 1,631 |

* Unassigned includes cases with unknown county of residence at diagnosis or cases that were diagnosed at a long-term care facility such as prison.
Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of December 23, 2014).

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Table 9. North Carolina Newly Reported AIDS (HIV Infection Stage 3) Cases by County of Residence at Time of Report, 2012-2014

| COUNTY | 2012 Jan-Dec | 2013 Jan-Dec | 2014 Jan-Dec |
|------------|-----------------|-----------------|-----------------|
| ALAMANCE | 7 | 9 | 17 |
| ALEXANDER | 2 | 0 | 0 |
| ALLEGHANY | 0 | 0 | 0 |
| ANSON | 2 | 2 | 5 |
| ASHE | 0 | 0 | 0 |
| AVERY | 0 | 1 | 0 |
| BEAUFORT | 3 | 4 | 3 |
| BERTIE | 1 | 1 | 4 |
| BLADEN | 1 | 6 | 6 |
| BRUNSWICK | 2 | 4 | 6 |
| BUNCOMBE | 17 | 30 | 12 |
| BURKE | 2 | 2 | 4 |
| CABARRUS | 3 | 18 | 11 |
| CALDWELL | 3 | 1 | 6 |
| CAMDEN | 1 | 0 | 0 |
| CARTERET | 2 | 3 | 4 |
| CASWELL | 0 | 1 | 0 |
| CATAWBA | 9 | 3 | 7 |
| CHATHAM | 1 | 2 | 10 |
| CHEROKEE | 0 | 0 | 2 |
| CHOWAN | 0 | 1 | 1 |
| CLAY | 0 | 0 | 0 |
| CLEVELAND | 6 | 10 | 10 |
| COLUMBUS | 7 | 7 | 5 |
| Craven | 2 | 3 | 7 |
| CUMBERLAND | 27 | 36 | 45 |
| CURRITUCK | 0 | 0 | 0 |
| DARE | 1 | 2 | 0 |
| DAVIDSON | 10 | 4 | 4 |
| DAVIE | 1 | 2 | 0 |
| DUPLIN | 1 | 7 | 1 |
| DURHAM | 23 | 26 | 45 |
| EDGECOMBE | 11 | 11 | 7 |
| FORSYTH | 36 | 31 | 25 |
| FRANKLIN | 1 | 2 | 1 |
| GASTON | 18 | 19 | 15 |
| GATES | 0 | 0 | 0 |
| GRAHAM | 0 | 1 | 0 |
| GRANVILLE | 6 | 10 | 7 |
| GREENE | 1 | 2 | 3 |
| GUILFORD | 36 | 46 | 32 |
| HALIFAX | 7 | 2 | 5 |
| HARNETT | 5 | 7 | 8 |
| HAYWOOD | 0 | 2 | 1 |
| HENDERSON | 1 | 1 | 1 |
| HERTFORD | 2 | 2 | 2 |
| HOKE | 6 | 3 | 5 |
| HYDE | 0 | 0 | 0 |
| IREDELL | 6 | 8 | 5 |
| JACKSON | 2 | 0 | 3 |
| JOHNSTON | 13 | 6 | 14 |
| JONES | 1 | 3 | 1 |
| LEE | 1 | 5 | 7 |

| COUNTY | 2012 Jan-Dec | 2013 Jan-Dec | 2014 Jan-Dec |
|--------------|-----------------|-----------------|-----------------|
| LENOIR | 6 | 14 | 7 |
| LINCOLN | 2 | 4 | 3 |
| MACON | 0 | 3 | 2 |
| MADISON | 1 | 0 | 1 |
| MARTIN | 2 | 3 | 2 |
| MCDOWELL | 1 | 1 | 0 |
| MECKLENBURG | 158 | 351 | 190 |
| MITCHELL | 0 | 1 | 0 |
| MONTGOMERY | 0 | 1 | 2 |
| MOORE | 8 | 6 | 8 |
| NASH | 5 | 18 | 9 |
| NEW HANOVER | 7 | 14 | 7 |
| NORTHAMPTON | 2 | 4 | 2 |
| ONSLow | 3 | 14 | 5 |
| ORANGE | 2 | 8 | 12 |
| PAMLICO | 0 | 1 | 1 |
| PASQUOTANK | 2 | 2 | 3 |
| PENDER | 2 | 1 | 4 |
| PERQUIMANS | 0 | 2 | 1 |
| PERSON | 0 | 3 | 2 |
| PITT | 23 | 24 | 11 |
| POLK | 1 | 1 | 0 |
| RANDOLPH | 6 | 6 | 2 |
| RICHMOND | 3 | 4 | 9 |
| ROBESON | 19 | 15 | 11 |
| ROCKINGHAM | 1 | 4 | 3 |
| ROWAN | 5 | 8 | 11 |
| RUTHERFORD | 1 | 2 | 2 |
| SAMPSON | 3 | 3 | 5 |
| SCOTLAND | 3 | 2 | 4 |
| STANLY | 0 | 13 | 2 |
| STOKES | 0 | 1 | 0 |
| SURRY | 3 | 2 | 1 |
| SWAIN | 0 | 1 | 0 |
| TRANSYLVANIA | 0 | 1 | 1 |
| TYRRELL | 1 | 0 | 0 |
| UNION | 6 | 16 | 9 |
| VANCE | 7 | 7 | 6 |
| WAKE | 62 | 89 | 66 |
| WARREN | 0 | 1 | 1 |
| WASHINGTON | 3 | 1 | 3 |
| WATAUGA | 0 | 1 | 0 |
| WAYNE | 10 | 14 | 13 |
| WILKES | 1 | 1 | 0 |
| WILSON | 11 | 11 | 13 |
| YADKIN | 2 | 0 | 2 |
| YANCEY | 0 | 1 | 0 |
| UNASSIGNED* | 21 | 44 | 24 |
| TOTAL | 680 | 1,070 | 817 |

* Unassigned includes cases with unknown county of residence at diagnosis or cases that were diagnosed at a long-term care facility such as prison.
Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of December 23, 2014).