



**2013 HIV/STD  
Surveillance Report  
Communicable Disease Branch**



N.C. Division of Public Health  
N.C. Department of Health & Human Services

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## Technical Notes

Readers should note that fluctuations in the number of disease reports per year may be influenced by reporting issues. These issues may vary by disease. For example, the final implementation of HIV/AIDS and syphilis reporting integration into the NC Electronic Disease Surveillance System (NC EDSS) occurred during November-December of 2012. In order to convert, deduplicate and merge patient information into NC EDSS, data entry into the production database was suspended for approximately one month. Most of the backlog was cleared as of the time the reports were generated. These are primarily cases diagnosed in the last months of 2012. Readers should also be aware that HIV/AIDS and early syphilis data are presented by date of diagnosis rather than date of report. Please see the individual surveillance disease notes below for more information.

### 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 these 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 content of this report

This document, the *North Carolina 2013 HIV/STD Surveillance Report*, includes summary tables of surveillance reports and other information for HIV infection, chlamydia, gonorrhea, and syphilis. In some instances, total numbers of reports may not agree between separate cross-tabulations due to missing values for some variables.

Some statistics are provided for the geographic regions as displayed on the back cover. The state demographer and the GIS lab at the State Center for Health Statistics have produced a Geographic Regional Classification scheme based on "physiographic" qualities. Western Region: the counties west of (and including) Surry, Wilkes, Caldwell, Burke, and Rutherford. Eastern Region: everything east of (and including) Northampton, Halifax, Nash, Johnston, Cumberland, Hoke, Harnett, and Scotland. Piedmont Region: the counties in between the Western Region and the Eastern Region.

Rates are presented for several categories of race/ethnicity, age groups and gender for each disease. Rates are also presented for counties across the state. Rates are expressed as cases per 100,000 population. Rate denominators were calculated using the available bridged race population estimates from the National Center for Health Statistics. Because bridged race population estimates were unavailable for 2013, 2012 estimates were used as denominators in rate calculation for 2013. Thus, the 2013 rates

should be considered *preliminary* rates. More information about bridged race categories is available at the website, [http://www.cdc.gov/nchs/nvss/bridged\\_race.htm](http://www.cdc.gov/nchs/nvss/bridged_race.htm).

Rates that are based on small numbers of cases (generally fewer than 20) should be viewed with caution and are considered unreliable because these rates have large standard errors and confidence intervals that can be wider than the rates themselves. Because of this, demographic values less than five (<5) have been suppressed throughout this report. For a more complete discussion of rates based on small numbers, please see the North Carolina Center for Health Statistics,' publication, Statistical Primer No.12 "Problems with Rates Based on Small Numbers" by Paul Buescher. This publication is available at the website, [http://www.schs.state.nc.us/SCHS/pdf/primer12\\_2.pdf](http://www.schs.state.nc.us/SCHS/pdf/primer12_2.pdf).

## **HIV infection surveillance data**

### ***HIV Infection***

Human immunodeficiency virus (HIV) case reports represent persons who have a confirmed diagnosis with HIV. This category represents all new diagnoses with HIV regardless of the stage of the disease and was referred to in previous documents as "HIV disease." Cases are counted by the date of diagnosis for the initial HIV diagnosis. **AIDS** (acquired immunodeficiency syndrome) **case reports**, by contrast, represent only persons with HIV infection who have progressed to this later, more life-threatening, stage of disease. AIDS cases are counted by the date of AIDS diagnosis. Most AIDS case reports represent persons who were diagnosed with HIV infection in earlier years. However, in North Carolina, about one-fourth to one-third of the new HIV infection reports represent persons who are initially diagnosed with HIV infection and AIDS at, or very near, the same time (concurrent). 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 category of HIV infection includes AIDS cases that are counted by the initial diagnosis of HIV infection.

### ***County of Residence***

Geographically, cases are counted by the patient's county of residence at diagnosis. Patients who are residents of a long-term facility such as prisons or other institutions are counted by the address of the facility. This causes the case counts for counties with large institutions to be higher than otherwise expected. People with HIV infection in the prisons play different roles in the epidemic from other residents in the county. In this annual report, persons diagnosed in long-term prison settings are excluded from county and regional case totals and rates. These cases are, however, included in state totals.

### ***Year of diagnosis***

HIV infection is unlike most communicable diseases in that it is chronic in nature. Failure of providers to initially report cases and change in residence after initial diagnosis can complicate case counting. Therefore, enhanced surveillance activities may artificially result in fluctuations in the number of case reports counted by date of report. Tables in this report now display cases by date of diagnosis rather than date of report.

HIV morbidity data for 2013 was not available until July 1, 2014. This six month delay in the presentation of HIV morbidity data for analysis will be an ongoing issue.

**Note:** Most interstate duplicates are processed by the time data is closed for the calendar year. This process is coordinated by the CDC through the routine interstate duplication review. There was a delay in 2013, and this process was not completed by the time the 2013 data was closed, July 1, 2014. This, in turn, could potentially artificially inflate the HIV case numbers for 2013. North Carolina typically loses 150 to 200 duplicate HIV infection cases per year that were previously diagnosed in other states, to this process. Once the duplicates are removed, the newly diagnosed HIV infection case counts for 2013 should be in line with the overall decreasing trend seen since 2008.

### ***HIV risk categories and distribution***

For Table 14, we have reclassified cases with non-identified risk (NIR) or no risk reported (NRR). Because up to a third of our cases may be missing risk information, reassigning these cases to a risk group allows for a more complete picture of trends over time. Risk redistribution is only done for data at the state level. For more information on the specific methodology used, please see Appendix C of the most recent HIV/STD Epidemiologic Profile located: <http://epi.publichealth.nc.gov/cd/stds/figures.html#profile>.

### **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. Changes in the number of reported cases may be due to changes in screening practices. The disease can cause serious complications in females, such as pelvic inflammatory disease and infertility. A number of screening programs are in place to detect chlamydia 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. The North Carolina STD Surveillance data system underwent extensive changes in 2008 as North Carolina implemented the North Carolina Electronic Disease Surveillance System (NC EDSS). Reports are summarized by the date received at the HIV/STD Surveillance Unit rather than by date of diagnosis. Reported chlamydia cases have been on the rise over the last five years.

### **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 because they are more likely to have symptoms that would bring them to the STD clinic; therefore, gender bias in gonorrhea reporting is not likely to be large. Screening programs are focused on female patients and are predominately conducted at public clinics and health

departments which can cause the reported cases to be biased toward those attending public clinics. Reports are summarized by the date received at the HIV/STD Surveillance Unit rather than by date of diagnosis. Reported gonorrhea cases have remained consistent the last five years with an increase in 2011.

### **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 infection is less than a year old. 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 the HIV/STD Surveillance Unit. 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). However, thorough contact tracing further aids in case detection and reduces these biases. During the fourth quarter of 2012, the HIV/STD Surveillance Unit converted syphilis surveillance data from the STD\*MIS data system to NC EDSS. Due to the conversion to NC EDSS, 2013 syphilis data is inflated by about ten percent. Reports are summarized by the date of diagnosis rather than by date received at the HIV/STD Surveillance Unit. Please note that in previous HIV/STD Surveillance and Quarterly reports, syphilis cases are summarized by date of report, so there will be slight differences in the case numbers when comparing this report with previous reports.

### **For more information**

For a more detailed discussion of the content, strengths, and weaknesses of STD and HIV surveillance data, please see Appendix B of the most recent HIV/STD Epidemiologic Profile. Recent trend information can also be found on the web site, <http://epi.publichealth.nc.gov/cd/stds/figures.html#profile>.

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# Highlights

## HIV Infection

- As of December 31, 2013, the estimated number of living HIV infection cases diagnosed and reported in North Carolina was 28,101 (Table 1).
- For 2013, 1,525 new diagnoses of HIV infection were reported (Table 3). Please note this number is inflated as the interstate deduplication analysis was delayed and not conducted for 2013 (see technical notes).
- In 2012, 1,347 new diagnoses of HIV infection were reported. This is a noteworthy number, as it continues to show a decreasing trend in North Carolina for the number of newly diagnosed HIV infections over the last five years. For North Carolina, we expect the 2013 number of new diagnoses to be closer to that of 2012, after the interstate deduplication analysis is conducted.
- The three-year (2011-2013) average rate of diagnosed HIV infection in North Carolina was 15.0 per 100,000 population. The top five counties with highest rates were Mecklenburg (31.0 per 100,000), Edgecombe (31.0 per 100,000), Cumberland (26.0 per 100,000), Durham (25.7 per 100,000), and Guilford County (23.5 per 100,000) (Table 2).
- Among the HIV infection cases diagnosed in 2013, African Americans represented 64 percent of all cases with a rate of 55.8 per 100,000 adult/adolescent population. The highest rate (92.3 per 100,000) was among adult/adolescent African American males (Table 11).
- For the newly diagnosed adult/adolescent HIV infection cases in 2013, men who have sex with men (MSM) was the principal risk factor indicated in 61 percent of total cases, heterosexual transmission risk was indicated in 33 percent, injection drug use (IDU) was indicated in 4 percent, and MSM/IDU was indicated in 2 percent of total cases (Table 14).

## Early Syphilis

- The number of early syphilis cases diagnosed in North Carolina in 2013 was 677, with a rate of 6.9 per 100,000 population. In 2012, 598 early syphilis cases were diagnosed, with a rate of 6.2 per 100,000 population (Table 10).
- The top five counties with the most early syphilis diagnoses in 2013 were Mecklenburg (151), Wake (102), Guilford (51), Forsyth (50), and Cumberland (47) (Table 10).
- African American males had the highest rate of early syphilis (37.7 per 100,000), and represented 56 percent of total early syphilis cases in 2013 (Table 23).

## Chlamydia

- The reported number of chlamydia cases in 2013 was 48,417 (Table 7).
- Among female chlamydia reports in 2013, the age groups with highest rates were 20-24 year olds (4,560.5 per 100,000), followed by 15-19 year olds (3,871.3 per 100,000) (Table 18).

## Gonorrhea

- The reported number of gonorrhea cases in 2013 was 13,665 (Table 8).
- In 2013, African American females and males had the highest gonorrhea rates (356.6 and 333.8 per 100,000 respectively), and represented 30 percent and 25 percent of total cases (Table 19).



**Table 1. N. C. HIV Infection (HIV/AIDS)\* Cases Living as of 12/31/13<sup>P</sup> by County of Residence at Diagnosis**

COUNTY	HIV INFECTION*
ALAMANCE	365
ALEXANDER	36
ALLEGHANY	2
ANSON	63
ASHE	10
AVERY	9
BEAUFORT	112
BERTIE	77
BLADEN	100
BRUNSWICK	165
BUNCOMBE	518
BURKE	73
CABARRUS	267
CALDWELL	49
CAMDEN	15
CARTERET	58
CASWELL	41
CATAWBA	224
CHATHAM	99
CHEROKEE	14
CHOWAN	27
CLAY	8
CLEVELAND	193
COLUMBUS	162
CRAVEN	236
CUMBERLAND	1,339
CURRITUCK	15
DARE	38
DAVIDSON	236
DAVIE	30
DUPLIN	175
DURHAM	1,565
EDGECOMBE	316
FORSYTH	1,385
FRANKLIN	111
GASTON	524
GATES	9
GRAHAM	3
GRANVILLE	164
GREENE	56
GUILFORD	2,111
HALIFAX	164
HARNETT	218
HAYWOOD	55
HENDERSON	82
HERTFORD	88
HOKE	141
HYDE	10
IREDELL	135
JACKSON	35
JOHNSTON	312
JONES	22
LEE	157
LENOIR	259
LINCOLN	62

COUNTY	HIV INFECTION*
MACON	29
MADISON	13
MARTIN	80
MCDOWELL	32
MECKLENBURG	5,195
MITCHELL	11
MONTGOMERY	38
MOORE	140
NASH	284
NEW HANOVER	586
NORTHAMPTON	68
ONSLOW	243
ORANGE	303
PAMLICO	20
PASQUOTANK	92
PENDER	58
PERQUIMANS	29
PERSON	77
PITT	583
POLK	20
RANDOLPH	156
RICHMOND	117
ROBESON	432
ROCKINGHAM	130
ROWAN	234
RUTHERFORD	52
SAMPSON	153
SCOTLAND	120
STANLY	80
STOKES	34
SURRY	62
SWAIN	17
TRANSYLVANIA	28
TYRRELL	5
UNION	189
VANCE	187
WAKE	2,987
WARREN	40
WASHINGTON	48
WATAUGA	26
WAYNE	310
WILKES	44
WILSON	349
YADKIN	26
YANCEY	12
<b>NC TOTAL **</b>	<b>28,101<sup>P</sup></b>

\* Includes all living cases regardless of status (HIV or AIDS). \*\*Total includes cases with unknown county of residence at diagnosis or cases that were diagnosed at a long-term care facility such as prisons (See Technical Notes).

<sup>P</sup> Note: The 2013 HIV Infection numbers are artificially inflated due to incomplete interstate deduplication (see Technical Notes).

**Table 2. N. C. HIV Infection<sup>†</sup> Cases by County Rank\* Order (by Year Diagnosed)<sup>P</sup>**

\*Rank based on three-year average rate

Rank	COUNTY	2011 CASES	2012 CASES	2013 CASES	2011 RATE	2012 RATE	2013 RATE	AVG RATE*
1	MECKLENBURG	323	270	300	34.2	27.9	31.0	31.0
1	EDGECOMBE	19	14	19	33.9	25.0	34.0	31.0
3	CUMBERLAND	97	69	87	30.0	21.3	26.8	26.0
4	DURHAM	68	71	75	24.8	25.4	26.8	25.7
5	GUILFORD	128	100	123	25.8	20.0	24.6	23.5
6	HALIFAX	13	12	9	23.9	22.2	16.7	20.9
7	WILSON	24	19	8	29.5	23.2	9.8	20.8
8	VANCE	9	10	9	19.9	22.2	19.9	20.7
9	PITT	33	35	38	19.3	20.3	22.0	20.5
10	HOKE	12	8	10	24.2	15.8	19.8	20.0
11	BLADEN	8	2	10	22.9	5.7	28.6	19.1
12	FORSYTH	80	54	69	22.6	15.1	19.3	19.0
13	NORTHAMPTON	4	5	3	18.2	23.3	14.0	18.5
14	ROBESON	29	24	21	21.5	17.7	15.5	18.2
15	WAYNE	23	20	20	18.6	16.1	16.1	16.9
16	WAKE	139	144	186	15.0	15.1	19.5	16.5
17	LENOIR	7	3	19	11.8	5.1	32.1	16.3
18	NASH	13	20	13	13.6	20.9	13.6	16.0
19	GRANVILLE	4	15	9	6.7	24.8	14.9	15.5
20	PERSON	4	6	8	10.1	15.3	20.4	15.3
21	ANSON	4	4	4	15.1	15.2	15.2	15.1
	<b>NORTH CAROLINA</b>	<b>1490</b>	<b>1347</b>	<b>1525<sup>P</sup></b>	<b>15.4</b>	<b>13.8</b>	<b>15.6<sup>P</sup></b>	<b>15.0</b>
22	PASQUOTANK	7	4	7	17.3	9.9	17.2	14.8
22	GASTON	31	30	31	15.0	14.4	14.9	14.8
24	MARTIN	0	4	6	0.0	16.7	25.0	13.9
25	HERTFORD	4	1	5	16.3	4.1	20.5	13.6
26	ALAMANCE	20	17	25	13.1	11.0	16.2	13.5
27	COLUMBUS	11	6	6	19.0	10.4	10.4	13.3
28	BERTIE	3	2	3	14.3	9.7	14.5	12.8
29	BEAUFORT	8	3	6	16.8	6.3	12.6	11.9
30	SWAIN	2	1	2	14.3	7.1	14.1	11.8
31	BUNCOMBE	25	29	31	10.4	11.9	12.7	11.6
32	ORANGE	13	15	17	9.6	10.9	12.3	10.9
32	GREENE	1	3	3	4.6	14.0	14.0	10.9
34	CLEVELAND	12	9	10	12.3	9.2	10.3	10.6
34	DUPLIN	5	5	9	8.4	8.3	15.0	10.6
36	PAMLICO	0	3	1	0.0	22.9	7.6	10.2
36	CRAVEN	11	10	11	10.5	9.5	10.5	10.2
38	LEE	9	4	5	15.4	6.7	8.4	10.1
38	SCOTLAND	3	7	1	8.3	19.4	2.8	10.1
40	CABARRUS	17	15	22	9.4	8.1	11.9	9.8
40	NEW HANOVER	22	25	14	10.7	11.9	6.7	9.8
42	JONES	1	1	1	9.8	9.7	9.7	9.7
43	SAMPSON	6	7	5	9.4	10.9	7.8	9.4
44	FRANKLIN	5	4	8	8.2	6.5	13.0	9.2
45	HARNETT	10	11	12	8.4	9.0	9.8	9.1
46	MOORE	9	8	7	10.1	8.9	7.8	8.9
47	CASWELL	1	2	3	4.2	8.6	12.9	8.6
47	RICHMOND	8	3	1	17.1	6.4	2.1	8.6
49	ONSWLOW	11	19	16	6.2	10.4	8.7	8.4
50	BRUNSWICK	5	13	10	4.5	11.6	8.9	8.3
51	STANLY	5	5	4	8.3	8.3	6.6	7.7
52	JOHNSTON	10	11	18	5.8	6.3	10.3	7.5
53	CATAWBA	9	15	10	5.8	9.7	6.5	7.3

Continued

**Table 2. N. C. HIV Infection<sup>†</sup> Cases by County Rank\* Order (by Year Diagnosed)<sup>P</sup> (Cont)**  
**\*Rank based on three-year average rate**

Rank	COUNTY	2011 CASES	2012 CASES	2013 CASES	2011 RATE	2012 RATE	2013 RATE	AVG RATE*
54	MONTGOMERY	2	1	3	7.2	3.6	10.8	7.2
55	DAVIDSON	11	10	14	6.7	6.1	8.6	7.1
56	CHOWAN	0	1	2	0.0	6.8	13.5	6.8
56	ROWAN	11	10	7	8.0	7.2	5.1	6.8
58	ROCKINGHAM	11	5	2	11.8	5.4	2.2	6.5
59	UNION	13	11	15	6.3	5.3	7.2	6.3
60	LINCOLN	3	6	5	3.8	7.6	6.3	5.9
61	CHATHAM	3	3	5	4.6	4.5	7.6	5.6
61	PENDER	4	2	3	7.5	3.7	5.5	5.6
63	WILKES	2	5	4	2.9	7.2	5.8	5.3
64	MCDOWELL	2	0	5	4.4	0.0	11.1	5.2
65	TRANSYLVANIA	3	1	1	9.1	3.0	3.0	5.1
66	SURRY	0	4	7	0.0	5.4	9.5	5.0
67	CARTERET	2	4	4	3.0	5.9	5.9	4.9
67	IREDELL	5	8	11	3.1	4.9	6.8	4.9
67	WARREN	0	3	0	0.0	14.6	0.0	4.9
70	DARE	0	1	4	0.0	2.9	11.6	4.8
71	RANDOLPH	8	7	5	5.6	4.9	3.5	4.7
72	JACKSON	1	2	2	2.5	4.9	4.9	4.1
73	RUTHERFORD	6	1	1	8.9	1.5	1.5	4.0
74	GRAHAM	0	0	1	0.0	0.0	11.5	3.8
75	CALDWELL	1	6	2	1.2	7.3	2.4	3.7
76	ALEXANDER	3	0	1	8.1	0.0	2.7	3.6
77	CAMDEN	1	0	0	9.9	0.0	0.0	3.3
77	POLK	1	1	0	4.9	4.9	0.0	3.3
79	STOKES	0	1	3	0.0	2.1	6.4	2.9
80	GATES	0	0	1	0.0	0.0	8.4	2.8
80	CURRITUCK	1	0	1	4.2	0.0	4.2	2.8
82	YADKIN	1	1	1	2.6	2.6	2.6	2.6
82	WASHINGTON	0	1	0	0.0	7.9	0.0	2.6
82	BURKE	1	3	3	1.1	3.3	3.3	2.6
82	WATAUGA	1	1	2	1.9	1.9	3.9	2.6
86	ASHE	1	1	0	3.7	3.7	0.0	2.5
87	DAVIE	1	2	0	2.4	4.8	0.0	2.4
88	HAYWOOD	2	0	2	3.4	0.0	3.4	2.3
89	HENDERSON	1	4	2	0.9	3.7	1.8	2.2
90	MACON	0	0	2	0.0	0.0	5.9	2.0
91	YANCEY	1	0	0	5.6	0.0	0.0	1.9
92	CHEROKEE	0	0	1	0.0	0.0	3.7	1.2
93	ALLEGHANY	0	0	0	0.0	0.0	0.0	0.0
93	AVERY	0	0	0	0.0	0.0	0.0	0.0
93	CLAY	0	0	0	0.0	0.0	0.0	0.0
93	HYDE	0	0	0	0.0	0.0	0.0	0.0
93	MADISON	0	0	0	0.0	0.0	0.0	0.0
93	MITCHELL	0	0	0	0.0	0.0	0.0	0.0
93	PERQUIMANS	0	0	0	0.0	0.0	0.0	0.0
93	TYRRELL	0	0	0	0.0	0.0	0.0	0.0

<sup>†</sup>HIV Infection includes all newly diagnosed HIV infected individuals by the date of first diagnosis regardless of status (HIV or AIDS). \*Three-year average of rates per 100,000 population. \*\*Total includes cases with unknown county of residence at diagnosis or cases that were diagnosed at a long-term care facility such as prisons (See Technical Notes).

<sup>P</sup> Note: The 2013 HIV Infection numbers are artificially inflated due to incomplete interstate deduplication (see Technical Notes).

**Table 3. N. C. HIV Infection<sup>†</sup> Cases by County of First Diagnosis, 2009-2013<sup>P</sup>**

COUNTY	2009	2010	2011	2012	2013	2009	2010	2011	2012	2013
	Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
ALAMANCE	16	21	20	17	25	10.6	13.9	13.1	11.0	16.2
ALEXANDER	2	1	3	0	1	5.4	2.7	8.1	0.0	2.7
ALLEGHANY	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
ANSON	3	3	4	4	4	12.0	11.1	15.1	15.2	15.2
ASHE	0	1	1	1	0	0.0	3.7	3.7	3.7	0.0
AVERY	2	0	0	0	0	11.2	0.0	0.0	0.0	0.0
BEAUFORT	5	4	8	3	6	10.8	8.4	16.8	6.3	12.6
BERTIE	3	7	3	2	3	15.5	32.9	14.3	9.7	14.5
BLADEN	6	7	8	2	10	18.6	19.9	22.9	5.7	28.6
BRUNSWICK	10	8	5	13	10	9.3	7.4	4.5	11.6	8.9
BUNCOMBE	19	13	25	29	31	8.2	5.4	10.4	11.9	12.7
BURKE	4	2	1	3	3	4.5	2.2	1.1	3.3	3.3
CABARRUS	20	9	17	15	22	11.6	5.0	9.4	8.1	11.9
CALDWELL	2	2	1	6	2	2.5	2.4	1.2	7.3	2.4
CAMDEN	2	1	1	0	0	20.6	10.0	9.9	0.0	0.0
CARTERET	4	2	2	4	4	6.2	3.0	3.0	5.9	5.9
CASWELL	4	3	1	2	3	17.4	12.6	4.2	8.6	12.9
CATAWBA	15	13	9	15	10	9.4	8.4	5.8	9.7	6.5
CHATHAM	5	5	3	3	5	7.7	7.8	4.6	4.5	7.6
CHEROKEE	1	0	0	0	1	3.8	0.0	0.0	0.0	3.7
CHOWAN	0	1	0	1	2	0.0	6.8	0.0	6.8	13.5
CLAY	1	2	0	0	0	9.7	18.9	0.0	0.0	0.0
CLEVELAND	13	12	12	9	10	13.1	12.2	12.3	9.2	10.3
COLUMBUS	9	13	11	6	6	16.6	22.4	19.0	10.4	10.4
CRAVEN	11	10	11	10	11	11.2	9.6	10.5	9.5	10.5
CUMBERLAND	83	80	97	69	87	26.3	25.0	30.0	21.3	26.8
CURRITUCK	1	1	1	0	1	4.1	4.2	4.2	0.0	4.2
DARE	1	2	0	1	4	2.9	5.9	0.0	2.9	11.6
DAVIDSON	12	10	11	10	14	7.6	6.1	6.7	6.1	8.6
DAVIE	0	2	1	2	0	0.0	4.8	2.4	4.8	0.0
DUPLIN	11	11	5	5	9	20.7	18.7	8.4	8.3	15.0
DURHAM	82	86	68	71	75	30.4	32.0	24.8	25.4	26.8
EDGECOMBE	25	21	19	14	19	48.2	37.1	33.9	25.0	34.0
FORSYTH	89	59	80	54	69	24.7	16.8	22.6	15.1	19.3
FRANKLIN	9	5	5	4	8	15.0	8.2	8.2	6.5	13.0
GASTON	39	30	31	30	31	18.7	14.5	15.0	14.4	14.9
GATES	1	1	0	0	1	8.5	8.2	0.0	0.0	8.4
GRAHAM	0	0	0	0	1	0.0	0.0	0.0	0.0	11.5
GRANVILLE	11	10	4	15	9	19.1	16.7	6.7	24.8	14.9
GREENE	2	2	1	3	3	9.7	9.3	4.6	14.0	14.0
GUILFORD	129	113	128	100	123	26.9	23.1	25.8	20.0	24.6
HALIFAX	6	4	13	12	9	11.0	7.3	23.9	22.2	16.7
HARNETT	22	14	10	11	12	19.0	12.1	8.4	9.0	9.8
HAYWOOD	5	1	2	0	2	8.8	1.7	3.4	0.0	3.4
HENDERSON	4	7	1	4	2	3.9	6.5	0.9	3.7	1.8
HERTFORD	2	5	4	1	5	8.6	20.3	16.3	4.1	20.5
HOKE	11	11	12	8	10	24.4	23.2	24.2	15.8	19.8
HYDE	0	3	0	0	0	0.0	51.6	0.0	0.0	0.0
IREDELL	7	12	5	8	11	4.4	7.5	3.1	4.9	6.8
JACKSON	0	4	1	2	2	0.0	9.9	2.5	4.9	4.9
JOHNSTON	10	10	10	11	18	5.9	5.9	5.8	6.3	10.3
JONES	2	2	1	1	1	19.9	19.7	9.8	9.7	9.7
LEE	2	14	9	4	5	3.3	24.2	15.4	6.7	8.4
LENOIR	9	10	7	3	19	16.0	16.8	11.8	5.1	32.1

Continued

**Table 3. N. C. HIV Infection<sup>†</sup> Cases by County of First Diagnosis, 2009-2013<sup>P</sup> (Cont)**

COUNTY	2009 Cases	2010 Cases	2011 Cases	2012 Cases	2013 Cases	2009 Rate*	2010 Rate*	2011 Rate*	2012 Rate*	2013 Rate*
LINCOLN	3	5	3	6	5	3.9	6.4	3.8	7.6	6.3
MACON	4	1	0	0	2	12.0	2.9	0.0	0.0	5.9
MADISON	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
MARTIN	0	1	0	4	6	0.0	4.1	0.0	16.7	25.0
MCDOWELL	2	2	2	0	5	4.5	4.4	4.4	0.0	11.1
MECKLENBURG	339	312	323	270	300	37.1	33.8	34.2	27.9	31.0
MITCHELL	3	0	0	0	0	19.2	0.0	0.0	0.0	0.0
MONTGOMERY	1	2	2	1	3	3.6	7.2	7.2	3.6	10.8
MOORE	7	3	9	8	7	8.0	3.4	10.1	8.9	7.8
NASH	16	17	13	20	13	16.9	17.7	13.6	20.9	13.6
NEW HANOVER	29	17	22	25	14	14.9	8.4	10.7	11.9	6.7
NORTHAMPTON	6	2	4	5	3	29.8	9.1	18.2	23.3	14.0
ONSLow	11	14	11	19	16	6.4	7.8	6.2	10.4	8.7
ORANGE	13	8	13	15	17	10.1	6.0	9.6	10.9	12.3
PAMLICO	1	1	0	3	1	8.1	7.6	0.0	22.9	7.6
PASQUOTANK	3	4	7	4	7	7.2	9.8	17.3	9.9	17.2
PENDER	2	2	4	2	3	3.8	3.8	7.5	3.7	5.5
PERQUIMANS	2	1	0	0	0	15.7	7.4	0.0	0.0	0.0
PERSON	4	3	4	6	8	10.6	7.6	10.1	15.3	20.4
PITT	31	29	33	35	38	19.5	17.2	19.3	20.3	22.0
POLK	0	1	1	1	0	0.0	4.9	4.9	4.9	0.0
RANDOLPH	10	6	8	7	5	7.0	4.2	5.6	4.9	3.5
RICHMOND	6	7	8	3	1	13.1	15.0	17.1	6.4	2.1
ROBESON	26	14	29	24	21	20.1	10.4	21.5	17.7	15.5
ROCKINGHAM	6	3	11	5	2	6.5	3.2	11.8	5.4	2.2
ROWAN	14	15	11	10	7	9.9	10.8	8.0	7.2	5.1
RUTHERFORD	2	3	6	1	1	3.2	4.4	8.9	1.5	1.5
SAMPSON	9	13	6	7	5	14.1	20.5	9.4	10.9	7.8
SCOTLAND	4	5	3	7	1	11.0	13.9	8.3	19.4	2.8
STANLY	5	4	5	5	4	8.4	6.6	8.3	8.3	6.6
STOKES	0	2	0	1	3	0.0	4.2	0.0	2.1	6.4
SURRY	6	2	0	4	7	8.3	2.7	0.0	5.4	9.5
SWAIN	0	0	2	1	2	0.0	0.0	14.3	7.1	14.1
TRANSYLVANIA	3	2	3	1	1	9.9	6.0	9.1	3.0	3.0
TYRRELL	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
UNION	18	12	13	11	15	9.1	5.9	6.3	5.3	7.2
VANCE	6	11	9	10	9	13.9	24.2	19.9	22.2	19.9
WAKE	185	168	139	144	186	20.6	18.5	15.0	15.1	19.5
WARREN	2	5	0	3	0	10.3	23.9	0.0	14.6	0.0
WASHINGTON	2	0	0	1	0	15.6	0.0	0.0	7.9	0.0
WATAUGA	2	1	1	1	2	4.4	2.0	1.9	1.9	3.9
WAYNE	16	14	23	20	20	14.1	11.4	18.6	16.1	16.1
WILKES	0	3	2	5	4	0.0	4.3	2.9	7.2	5.8
WILSON	33	18	24	19	8	42.1	22.1	29.5	23.2	9.8
YADKIN	0	1	1	1	1	0.0	2.6	2.6	2.6	2.6
YANCEY	2	0	1	0	0	10.8	0.0	5.6	0.0	0.0
Unassigned**	80	59	62	44	53	---	---	---	---	---
<b>NC TOTAL</b>	<b>1,646</b>	<b>1,463</b>	<b>1,490</b>	<b>1,347</b>	<b>1,525<sup>P</sup></b>	<b>17.5</b>	<b>15.3</b>	<b>15.4</b>	<b>13.8</b>	<b>15.6<sup>P</sup></b>

<sup>†</sup>HIV Infection includes all newly diagnosed HIV infected individuals by the date of first diagnosis regardless of status (HIV or AIDS). \*Rate per 100,000 population. \*\*Unassigned includes cases with unknown county of residence at diagnosis or cases that were diagnosed at a long-term care facility such as prisons (See Technical Notes).

<sup>P</sup> Note: The 2013 HIV Infection numbers are artificially inflated due to incomplete interstate deduplication (see Technical Notes).

**Table 4. N. C. AIDS\* Cases Living as of 12/31/13<sup>P</sup>  
by County of Residence at Diagnosis**

COUNTY	AIDS
ALAMANCE	129
ALEXANDER	18
ALLEGHANY	0
ANSON	32
ASHE	0
AVERY	6
BEAUFORT	53
BERTIE	44
BLADEN	52
BRUNSWICK	84
BUNCOMBE	238
BURKE	32
CABARRUS	92
CALDWELL	28
CAMDEN	9
CARTERET	31
CASWELL	13
CATAWBA	116
CHATHAM	36
CHEROKEE	5
CHOWAN	14
CLAY	3
CLEVELAND	87
COLUMBUS	76
CRAVEN	108
CUMBERLAND	473
CURRITUCK	9
DARE	21
DAVIDSON	84
DAVIE	16
DUPLIN	92
DURHAM	534
EDGECOMBE	160
FORSYTH	499
FRANKLIN	55
GASTON	214
GATES	1
GRAHAM	3
GRANVILLE	64
GREENE	32
GUILFORD	705
HALIFAX	81
HARNETT	104
HAYWOOD	33
HENDERSON	53
HERTFORD	61
HOKE	63
HYDE	7
IREDELL	56
JACKSON	18
JOHNSTON	155
JONES	14
LEE	46
LENOIR	135
LINCOLN	27

COUNTY	AIDS
MACON	15
MADISON	7
MARTIN	38
MCDOWELL	15
MECKLENBURG	2,004
MITCHELL	8
MONTGOMERY	21
MOORE	67
NASH	129
NEW HANOVER	241
NORTHAMPTON	38
ONSLOW	103
ORANGE	93
PAMLICO	7
PASQUOTANK	42
PENDER	31
PERQUIMANS	15
PERSON	23
PITT	303
POLK	13
RANDOLPH	65
RICHMOND	51
ROBESON	215
ROCKINGHAM	45
ROWAN	92
RUTHERFORD	28
SAMPSON	74
SCOTLAND	48
STANLY	33
STOKES	13
SURRY	21
SWAIN	10
TRANSYLVANIA	8
TYRRELL	2
UNION	92
VANCE	85
WAKE	1,351
WARREN	11
WASHINGTON	30
WATAUGA	11
WAYNE	152
WILKES	16
WILSON	169
YADKIN	15
YANCEY	7
<b>NC TOTAL **</b>	<b>11,829<sup>P</sup></b>

\* Includes all living AIDS cases.

\*\*Total includes cases with unknown county of residence at diagnosis or cases that were diagnosed at a long-term care facility such as prisons (See Technical Notes).

<sup>P</sup> Note: The 2013 AIDS numbers are artificially inflated due to incomplete interstate deduplication (see Technical Notes).

**Table 5. N. C. AIDS Cases by County Rank\* Order (by Year Diagnosed)<sup>P</sup>**

\*Rank based on three-year average rate

Rank	COUNTY	2011 CASES	2012 CASES	2013 CASES	2011 RATE	2012 RATE	2013 RATE	AVG RATE*
1	EDGECOMBE	17	12	10	30.3	21.4	17.9	23.2
2	MECKLENBURG	134	212	259	14.2	21.9	26.7	20.9
3	JONES	1	1	3	9.8	9.7	29.2	16.2
4	WASHINGTON	2	3	1	15.4	23.6	7.9	15.6
5	NORTHAMPTON	3	3	3	13.6	14.0	14.0	13.9
6	LENOIR	2	8	14	3.4	13.5	23.6	13.5
7	PITT	21	26	22	12.3	15.1	12.7	13.4
8	BLADEN	8	1	5	22.9	2.9	14.3	13.3
9	WILSON	10	12	9	12.3	14.7	11.0	12.6
9	ROBESON	17	21	13	12.6	15.5	9.6	12.6
9	VANCE	3	7	7	6.6	15.5	15.5	12.6
12	HALIFAX	9	8	3	16.6	14.8	5.6	12.3
12	HERTFORD	4	3	2	16.3	12.3	8.2	12.3
14	COLUMBUS	6	8	7	10.4	13.9	12.1	12.1
15	CUMBERLAND	48	32	36	14.8	9.9	11.1	11.9
16	BERTIE	5	1	1	23.9	4.8	4.8	11.2
17	WAYNE	17	11	13	13.7	8.9	10.5	11.0
18	RICHMOND	8	5	2	17.1	10.7	4.3	10.7
19	HOKE	7	5	4	14.1	9.9	7.9	10.6
20	GASTON	33	16	16	15.9	7.7	7.7	10.4
21	NASH	7	11	11	7.3	11.5	11.5	10.1
22	BUNCOMBE	21	22	26	8.7	9.0	10.6	9.4
22	GRANVILLE	2	7	8	3.3	11.6	13.2	9.4
24	FORSYTH	40	26	34	11.3	7.3	9.5	9.3
25	CLEVELAND	9	6	12	9.2	6.2	12.3	9.2
26	GUILFORD	51	38	45	10.3	7.6	9.0	9.0
27	MOORE	10	8	6	11.2	8.9	6.6	8.9
	<b>NORTH CAROLINA</b>	<b>815</b>	<b>789</b>	<b>894<sup>P</sup></b>	<b>8.4</b>	<b>8.1</b>	<b>9.2<sup>P</sup></b>	<b>8.6</b>
28	BEAUFORT	6	2	4	12.6	4.2	8.4	8.4
28	DUPLIN	6	2	7	10.1	3.3	11.7	8.4
30	MARTIN	1	2	3	4.1	8.3	12.5	8.3
30	SCOTLAND	4	4	1	11.0	11.1	2.8	8.3
30	STANLY	2	2	11	3.3	3.3	18.2	8.3
33	DURHAM	23	25	19	8.4	8.9	6.8	8.0
34	WAKE	76	69	77	8.2	7.2	8.1	7.8
35	TYRRELL	0	1	0	0.0	23.1	0.0	7.7
36	HARNETT	10	7	6	8.4	5.7	4.9	6.3
36	SAMPSON	6	3	3	9.4	4.7	4.7	6.3
36	CLAY	2	0	0	18.8	0.0	0.0	6.3
39	UNION	15	7	14	7.3	3.4	6.7	5.8
39	PASQUOTANK	3	2	2	7.4	4.9	4.9	5.8
41	ALAMANCE	8	5	13	5.2	3.2	8.4	5.6
42	JOHNSTON	12	12	4	6.9	6.9	2.3	5.4
43	NEW HANOVER	12	10	10	5.8	4.8	4.8	5.1
43	TRANSYLVANIA	3	0	2	9.1	0.0	6.1	5.1
43	PAMLICO	1	0	1	7.5	0.0	7.6	5.1
43	ANSON	1	2	1	3.8	7.6	3.8	5.1
47	ROCKINGHAM	9	3	2	9.7	3.2	2.2	5.0
48	POLK	1	1	1	4.9	4.9	4.9	4.9
49	MADISON	2	1	0	9.6	4.8	0.0	4.8
49	MONTGOMERY	2	0	2	7.2	0.0	7.2	4.8
51	SWAIN	0	0	2	0.0	0.0	14.1	4.7

Continued

**Table 5. N. C. AIDS Cases by County Rank\* Order (by Year Diagnosed)<sup>P</sup> (Cont)**

\*Rank based on three-year average rate

Rank	COUNTY	2011 CASES	2012 CASES	2013 CASES	2011 RATE	2012 RATE	2013 RATE	AVG RATE*
51	GREENE	0	1	2	0.0	4.7	9.3	4.7
53	ONSLow	9	8	8	5.1	4.4	4.4	4.6
54	LEE	1	2	5	1.7	3.3	8.4	4.5
55	FRANKLIN	5	1	2	8.2	1.6	3.3	4.4
56	MITCHELL	1	0	1	6.5	0.0	6.5	4.3
57	CABARRUS	5	7	11	2.8	3.8	6.0	4.2
58	DAVIE	2	2	1	4.8	4.8	2.4	4.0
58	RANDOLPH	6	6	5	4.2	4.2	3.5	4.0
58	RUTHERFORD	5	2	1	7.4	3.0	1.5	4.0
61	CARTERET	3	2	3	4.5	3.0	4.4	3.9
61	BRUNSWICK	6	3	4	5.4	2.7	3.6	3.9
61	DARE	2	0	2	5.8	0.0	5.8	3.9
64	GRAHAM	0	0	1	0.0	0.0	11.5	3.8
65	ROWAN	3	7	4	2.2	5.1	2.9	3.4
66	CAMDEN	1	0	0	9.9	0.0	0.0	3.3
66	JACKSON	2	2	0	5.0	4.9	0.0	3.3
66	DAVIDSON	5	8	3	3.1	4.9	1.8	3.3
69	WARREN	1	0	1	4.8	0.0	4.9	3.2
70	PENDER	3	1	1	5.6	1.8	1.8	3.1
70	CHATHAM	4	1	1	6.1	1.5	1.5	3.1
72	MACON	1	0	2	3.0	0.0	5.9	3.0
73	LINCOLN	1	3	3	1.3	3.8	3.8	2.9
73	ORANGE	3	2	7	2.2	1.4	5.1	2.9
73	CASWELL	1	0	1	4.2	0.0	4.3	2.9
76	HAYWOOD	3	1	1	5.1	1.7	1.7	2.8
76	CATAWBA	2	10	1	1.3	6.5	0.6	2.8
78	IREDELL	1	8	4	0.6	4.9	2.5	2.7
79	CRAVEN	3	2	3	2.9	1.9	2.9	2.5
79	PERSON	1	1	1	2.5	2.5	2.5	2.5
79	PERQUIMANS	0	0	1	0.0	0.0	7.4	2.5
82	CHOWAN	0	0	1	0.0	0.0	6.8	2.3
83	MCDOWELL	1	1	1	2.2	2.2	2.2	2.2
84	AVERY	0	0	1	0.0	0.0	5.7	1.9
85	SURRY	0	2	2	0.0	2.7	2.7	1.8
85	ALEXANDER	0	2	0	0.0	5.4	0.0	1.8
87	CALDWELL	1	2	1	1.2	2.4	1.2	1.6
88	HENDERSON	3	1	1	2.8	0.9	0.9	1.5
88	BURKE	1	1	2	1.1	1.1	2.2	1.5
90	WILKES	1	1	1	1.4	1.4	1.4	1.4
91	YADKIN	1	0	0	2.6	0.0	0.0	0.9
92	STOKES	0	0	1	0.0	0.0	2.1	0.7
93	WATAUGA	0	0	1	0.0	0.0	1.9	0.6
94	ALLEGHANY	0	0	0	0.0	0.0	0.0	0.0
94	ASHE	0	0	0	0.0	0.0	0.0	0.0
94	CHEROKEE	0	0	0	0.0	0.0	0.0	0.0
94	CURRITUCK	0	0	0	0.0	0.0	0.0	0.0
94	GATES	0	0	0	0.0	0.0	0.0	0.0
94	HYDE	0	0	0	0.0	0.0	0.0	0.0
94	YANCEY	0	0	0	0.0	0.0	0.0	0.0

\*Three-year average of rates per 100,000 population. \*\*Total includes cases with unknown county of residence at diagnosis or cases that were diagnosed at a long-term care facility such as prisons (See Technical Notes).

<sup>P</sup> Note: The 2013 AIDS numbers are artificially inflated due to incomplete interstate deduplication (see Technical Notes).



**Table 6. N. C. AIDS Cases by County of AIDS Diagnosis, 2009-2013<sup>P</sup>**

COUNTY	2009 Cases	2010 Cases	2011 Cases	2012 Cases	2013 Cases	2009 Rate*	2010 Rate*	2011 Rate*	2012 Rate*	2013 Rate*
ALAMANCE	12	13	8	5	13	8.0	8.6	5.2	3.2	8.4
ALEXANDER	2	2	0	2	0	5.4	5.4	0.0	5.4	0.0
ALLEGHANY	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
ANSON	0	2	1	2	1	0.0	7.4	3.8	7.6	3.8
ASHE	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
AVERY	1	1	0	0	1	5.6	5.6	0.0	0.0	5.7
BEAUFORT	6	1	6	2	4	12.9	2.1	12.6	4.2	8.4
BERTIE	3	1	5	1	1	15.5	4.7	23.9	4.8	4.8
BLADEN	1	7	8	1	5	3.1	19.9	22.9	2.9	14.3
BRUNSWICK	6	6	6	3	4	5.6	5.6	5.4	2.7	3.6
BUNCOMBE	3	10	21	22	26	1.3	4.2	8.7	9.0	10.6
BURKE	4	2	1	1	2	4.5	2.2	1.1	1.1	2.2
CABARRUS	4	5	5	7	11	2.3	2.8	2.8	3.8	6.0
CALDWELL	1	2	1	2	1	1.3	2.4	1.2	2.4	1.2
CAMDEN	1	1	1	0	0	10.3	10.0	9.9	0.0	0.0
CARTERET	2	3	3	2	3	3.1	4.5	4.5	3.0	4.4
CASWELL	1	1	1	0	1	4.3	4.2	4.2	0.0	4.3
CATAWBA	14	7	2	10	1	8.8	4.5	1.3	6.5	0.6
CHATHAM	1	4	4	1	1	1.5	6.3	6.1	1.5	1.5
CHEROKEE	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
CHOWAN	1	0	0	0	1	6.8	0.0	0.0	0.0	6.8
CLAY	0	1	2	0	0	0.0	9.5	18.8	0.0	0.0
CLEVELAND	8	5	9	6	12	8.1	5.1	9.2	6.2	12.3
COLUMBUS	6	8	6	8	7	11.1	13.8	10.4	13.9	12.1
CRAVEN	15	8	3	2	3	15.2	7.7	2.9	1.9	2.9
CUMBERLAND	44	37	48	32	36	14.0	11.6	14.8	9.9	11.1
CURRITUCK	2	2	0	0	0	8.3	8.5	0.0	0.0	0.0
DARE	2	1	2	0	2	5.8	2.9	5.8	0.0	5.8
DAVIDSON	9	2	5	8	3	5.7	1.2	3.1	4.9	1.8
DAVIE	0	3	2	2	1	0.0	7.3	4.8	4.8	2.4
DUPLIN	5	5	6	2	7	9.4	8.5	10.1	3.3	11.7
DURHAM	33	36	23	25	19	12.2	13.4	8.4	8.9	6.8
EDGECOMBE	18	12	17	12	10	34.7	21.2	30.3	21.4	17.9
FORSYTH	48	26	40	26	34	13.3	7.4	11.3	7.3	9.5
FRANKLIN	5	8	5	1	2	8.3	13.2	8.2	1.6	3.3
GASTON	21	23	33	16	16	10.0	11.2	15.9	7.7	7.7
GATES	2	0	0	0	0	17.0	0.0	0.0	0.0	0.0
GRAHAM	0	0	0	0	1	0.0	0.0	0.0	0.0	11.5
GRANVILLE	6	6	2	7	8	10.4	10.0	3.3	11.6	13.2
GREENE	2	4	0	1	2	9.7	18.7	0.0	4.7	9.3
GUILFORD	61	48	51	38	45	12.7	9.8	10.3	7.6	9.0
HALIFAX	9	3	9	8	3	16.5	5.5	16.6	14.8	5.6
HARNETT	12	11	10	7	6	10.4	9.5	8.4	5.7	4.9
HAYWOOD	3	1	3	1	1	5.3	1.7	5.1	1.7	1.7
HENDERSON	4	4	3	1	1	3.9	3.7	2.8	0.9	0.9
HERTFORD	4	1	4	3	2	17.2	4.1	16.3	12.3	8.2
HOKE	4	7	7	5	4	8.9	14.7	14.1	9.9	7.9
HYDE	0	1	0	0	0	0.0	17.2	0.0	0.0	0.0
IREDELL	5	3	1	8	4	3.2	1.9	0.6	4.9	2.5
JACKSON	1	1	2	2	0	2.7	2.5	5.0	4.9	0.0
JOHNSTON	9	12	12	12	4	5.3	7.1	6.9	6.9	2.3
JONES	3	3	1	1	3	29.8	29.5	9.8	9.7	29.2
LEE	8	6	1	2	5	13.2	10.4	1.7	3.3	8.4
LENOIR	15	11	2	8	14	26.6	18.5	3.4	13.5	23.6

Continued

**Table 6. N. C. AIDS Cases by County of AIDS Diagnosis, 2009-2013<sup>P</sup> (Cont)**

COUNTY	2009 Cases	2010 Cases	2011 Cases	2012 Cases	2013 Cases	2009 Rate*	2010 Rate*	2011 Rate*	2012 Rate*	2013 Rate*
LINCOLN	0	5	1	3	3	0.0	6.4	1.3	3.8	3.8
MACON	2	1	1	0	2	6.0	2.9	3.0	0.0	5.9
MADISON	0	0	2	1	0	0.0	0.0	9.6	4.8	0.0
MARTIN	6	1	1	2	3	25.7	4.1	4.1	8.3	12.5
MCDOWELL	1	0	1	1	1	2.3	0.0	2.2	2.2	2.2
MECKLENBURG	174	128	134	212	259	19.0	13.9	14.2	21.9	26.7
MITCHELL	2	0	1	0	1	12.8	0.0	6.5	0.0	6.5
MONTGOMERY	1	2	2	0	2	3.6	7.2	7.2	0.0	7.2
MOORE	3	4	10	8	6	3.4	4.5	11.2	8.9	6.6
NASH	13	14	7	11	11	13.7	14.6	7.3	11.5	11.5
NEW HANOVER	11	8	12	10	10	5.6	3.9	5.8	4.8	4.8
NORTHAMPTON	5	2	3	3	3	24.8	9.1	13.6	14.0	14.0
ONSLow	5	10	9	8	8	2.9	5.6	5.1	4.4	4.4
ORANGE	2	2	3	2	7	1.5	1.5	2.2	1.4	5.1
PAMLICO	1	0	1	0	1	8.1	0.0	7.5	0.0	7.6
PASQUOTANK	3	6	3	2	2	7.2	14.7	7.4	4.9	4.9
PENDER	3	0	3	1	1	5.7	0.0	5.6	1.8	1.8
PERQUIMANS	2	1	0	0	1	15.7	7.4	0.0	0.0	7.4
PERSON	4	5	1	1	1	10.6	12.7	2.5	2.5	2.5
PITT	24	25	21	26	22	15.1	14.8	12.3	15.1	12.7
POLK	1	0	1	1	1	5.2	0.0	4.9	4.9	4.9
RANDOLPH	4	8	6	6	5	2.8	5.6	4.2	4.2	3.5
RICHMOND	4	4	8	5	2	8.7	8.6	17.1	10.7	4.3
ROBESON	11	19	17	21	13	8.5	14.1	12.6	15.5	9.6
ROCKINGHAM	1	0	9	3	2	1.1	0.0	9.7	3.2	2.2
ROWAN	6	6	3	7	4	4.3	4.3	2.2	5.1	2.9
RUTHERFORD	0	1	5	2	1	0.0	1.5	7.4	3.0	1.5
SAMPSON	8	4	6	3	3	12.6	6.3	9.4	4.7	4.7
SCOTLAND	2	4	4	4	1	5.5	11.1	11.0	11.1	2.8
STANLY	2	1	2	2	11	3.3	1.7	3.3	3.3	18.2
STOKES	1	2	0	0	1	2.2	4.2	0.0	0.0	2.1
SURRY	1	1	0	2	2	1.4	1.4	0.0	2.7	2.7
SWAIN	0	0	0	0	2	0.0	0.0	0.0	0.0	14.1
TRANSYLVANIA	1	0	3	0	2	3.3	0.0	9.1	0.0	6.1
TYRRELL	0	0	0	1	0	0.0	0.0	0.0	23.1	0.0
UNION	8	5	15	7	14	4.0	2.5	7.3	3.4	6.7
VANCE	3	5	3	7	7	7.0	11.0	6.6	15.5	15.5
WAKE	110	83	76	69	77	12.3	9.2	8.2	7.2	8.1
WARREN	0	2	1	0	1	0.0	9.5	4.8	0.0	4.9
WASHINGTON	1	2	2	3	1	7.8	15.2	15.4	23.6	7.9
WATAUGA	3	0	0	0	1	6.6	0.0	0.0	0.0	1.9
WAYNE	9	9	17	11	13	7.9	7.3	13.7	8.9	10.5
WILKES	0	2	1	1	1	0.0	2.9	1.4	1.4	1.4
WILSON	20	8	10	12	9	25.5	9.8	12.3	14.7	11.0
YADKIN	0	1	1	0	0	0.0	2.6	2.6	0.0	0.0
YANCEY	2	0	0	0	0	10.8	0.0	0.0	0.0	0.0
Unassigned**	68	49	27	26	45	---	---	---	---	---
NC TOTAL	955	797	815	789	894 <sup>P</sup>	10.2	8.3	8.4	8.1	9.2 <sup>P</sup>

\*Rate per 100,000 population.

\*\*Unassigned includes cases with unknown county of residence at diagnosis or cases that were diagnosed at a long-term care facility such as prisons (See Technical Notes).

<sup>P</sup> Note: The 2013 AIDS numbers are artificially inflated due to incomplete interstate deduplication (see Technical Notes).

Table 7. N. C. Chlamydia Cases by County of Report, 2009-2013

COUNTY	2009	2010	2011	2012	2013	2009	2010	2011	2012	2013
	Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
ALAMANCE	555	629	695	725	513	369.1	415.1	454.8	471.0	333.3
ALEXANDER	91	67	76	76	73	247.4	180.0	204.9	206.2	198.1
ALLEGHANY	11	6	22	17	23	100.3	53.8	199.8	155.6	210.5
ANSON	215	168	189	183	134	858.1	624.2	712.9	694.5	508.5
ASHE	24	21	28	22	11	93.0	76.9	103.2	81.2	40.6
AVERY	15	29	9	10	12	83.6	163.4	50.7	56.7	68.0
BEAUFORT	224	209	219	326	261	482.6	437.4	459.6	686.2	549.4
BERTIE	137	158	175	148	110	708.2	742.8	835.2	716.6	532.6
BLADEN	213	195	190	181	211	658.6	553.8	543.0	518.4	604.3
BRUNSWICK	239	242	368	281	252	223.2	223.9	333.7	250.3	224.5
BUNCOMBE	653	714	755	769	897	282.1	298.9	312.6	314.5	366.9
BURKE	274	251	209	225	226	306.0	276.6	230.0	248.6	249.7
CABARRUS	681	585	706	722	666	395.4	327.6	389.9	391.3	361.0
CALDWELL	177	167	266	195	177	221.5	201.2	323.4	238.0	216.0
CAMDEN	13	9	14	16	39	133.6	90.0	139.3	158.6	386.5
CARTERET	247	206	195	214	182	383.4	308.8	289.5	316.4	269.1
CASWELL	88	86	74	81	65	382.5	362.6	314.2	348.9	280.0
CATAWBA	535	581	564	557	542	336.2	376.4	366.3	360.9	351.2
CHATHAM	144	141	147	142	169	222.3	221.0	225.2	215.2	256.2
CHEROKEE	22	35	34	39	29	83.6	127.6	125.2	144.5	107.4
CHOWAN	100	85	69	85	60	676.4	575.8	464.6	575.4	406.2
CLAY	8	5	7	14	12	77.4	47.3	65.7	131.9	113.0
CLEVELAND	402	407	495	498	374	404.9	415.2	507.3	510.9	383.7
COLUMBUS	264	192	375	257	226	486.9	331.2	648.4	445.9	392.1
CRAVEN	602	574	791	535	552	611.0	552.3	756.8	510.6	526.9
CUMBERLAND	2,802	1,730	3,593	3,589	3,610	888.9	540.3	1111.1	1107.1	1114.0
CURRITUCK	42	39	66	51	70	173.4	164.9	275.6	211.8	290.7
DARE	72	82	92	90	104	209.9	241.1	268.4	260.3	300.8
DAVIDSON	449	442	519	488	544	283.1	271.4	318.3	298.9	333.2
DAVIE	103	62	75	83	109	248.7	150.0	181.2	200.3	263.1
DUPLIN	210	204	246	208	207	394.9	347.3	412.8	346.5	344.8
DURHAM	1,471	1,642	1,923	2,329	2,002	545.4	611.7	702.7	832.9	715.9
EDGECOMBE	621	646	661	645	541	1197.1	1142.1	1178.1	1152.1	966.9
FORSYTH	3,048	2,503	2,688	2,704	2,508	847.5	712.3	758.3	755.0	700.3
FRANKLIN	170	126	178	250	206	282.9	207.1	290.9	406.7	335.1
GASTON	773	880	1,435	892	1,258	369.9	426.8	693.5	428.7	604.7
GATES	35	46	55	49	46	297.4	377.3	455.6	412.8	387.6
GRAHAM	9	7	11	20	11	112.5	78.8	125.4	229.9	126.4
GRANVILLE	224	216	234	289	251	388.6	359.6	389.3	478.2	415.3
GREENE	118	92	122	104	84	571.2	430.0	563.4	485.3	392.0
GUILFORD	2,994	2,398	5,010	3,949	3,748	623.3	489.7	1011.1	788.4	748.3
HALIFAX	402	348	370	426	421	736.5	638.0	681.2	788.8	779.5
HARNETT	334	450	468	417	468	288.5	388.6	392.3	341.4	383.2
HAYWOOD	98	65	137	132	114	171.6	110.2	233.3	224.1	193.5
HENDERSON	137	166	208	229	210	132.2	155.2	193.4	211.5	194.0
HERTFORD	189	194	221	171	162	811.8	788.0	901.0	699.7	662.9
HOKE	223	114	299	277	247	493.9	240.0	604.0	548.1	488.8
HYDE	16	14	16	13	13	307.0	240.6	273.6	221.9	221.9
IREDELL	516	452	560	542	466	326.3	282.9	347.8	333.1	286.4
JACKSON	122	107	176	154	108	330.7	265.3	436.9	380.7	267.0
JOHNSTON	407	474	545	464	550	241.5	279.4	315.4	265.2	314.4
JONES	38	40	44	33	31	377.3	393.8	429.4	321.2	301.7
LEE	230	226	275	281	312	380.3	390.3	469.2	470.6	522.5

\*Rate per 100,000 population.

Continued

**Table 7. N. C. Chlamydia Cases by County of Report, 2009-2013 (Cont.)**

COUNTY	2009	2010	2011	2012	2013	2009	2010	2011	2012	2013
	Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
LENOIR	351	344	345	360	386	622.5	579.1	580.7	607.8	651.7
LINCOLN	172	210	197	187	196	226.2	267.9	249.9	235.8	247.1
MACON	37	58	78	50	74	111.3	171.0	230.4	147.6	218.5
MADISON	24	19	54	46	46	117.4	91.4	259.2	221.8	221.8
MARTIN	162	165	152	167	134	694.2	673.7	626.6	697.0	559.2
MCDOWELL	88	72	75	108	109	200.1	159.8	166.9	240.0	242.2
MECKLENBURG	5,840	4,627	7,456	6,287	6,087	639.2	501.2	788.8	648.8	628.2
MITCHELL	12	13	16	15	16	76.8	83.6	104.1	97.6	104.1
MONTGOMERY	64	93	101	90	107	230.7	334.7	362.4	325.3	386.7
MOORE	192	227	257	269	293	220.3	256.3	287.6	297.9	324.5
NASH	581	650	623	590	558	613.2	678.1	649.6	616.5	583.0
NEW HANOVER	891	698	1,159	1,069	933	456.7	343.4	562.8	510.9	445.9
NORTHAMPTON	143	91	132	139	143	710.2	412.7	600.1	648.7	667.4
ONSLow	1,081	1,134	1,184	1,495	1,481	624.6	631.8	667.3	815.8	808.1
ORANGE	379	336	544	456	470	293.6	250.4	401.7	330.6	340.7
PAMLICO	35	36	37	34	37	281.8	274.2	277.9	260.1	283.0
PASQUOTANK	258	240	255	314	316	620.5	589.5	631.9	773.6	778.5
PENDER	124	107	161	133	153	236.7	204.0	301.0	245.4	282.3
PERQUIMANS	66	40	36	58	52	518.3	296.5	267.5	427.6	383.4
PERSON	124	125	189	171	159	329.2	316.9	477.9	435.5	404.9
PITT	1,405	1,760	1,912	1,663	1,639	883.3	1043.1	1120.0	963.8	949.8
POLK	14	17	21	32	24	72.7	83.1	103.5	157.9	118.4
RANDOLPH	308	360	405	399	365	216.7	253.7	285.1	280.1	256.2
RICHMOND	286	204	201	214	223	622.1	437.3	430.6	459.0	478.3
ROBESON	1,035	1,021	1,150	1,141	1,019	798.9	759.2	852.0	842.1	752.1
ROCKINGHAM	334	271	404	380	305	362.1	289.4	433.7	409.8	328.9
ROWAN	556	554	663	680	726	394.9	400.5	480.0	492.1	525.4
RUTHERFORD	183	192	227	253	193	288.6	283.3	336.7	375.8	286.7
SAMPSON	249	224	278	193	266	390.8	352.4	436.9	301.8	416.0
SCOTLAND	182	177	232	259	298	501.5	490.3	638.1	717.6	825.6
STANLY	235	324	218	165	184	393.0	534.8	360.8	272.4	303.8
STOKES	84	87	108	104	108	182.0	183.7	228.8	222.3	230.9
SURRY	105	133	169	160	152	144.8	180.4	229.6	217.5	206.6
SWAIN	20	42	97	75	42	149.2	300.2	691.2	530.4	297.0
TRANSYLVANIA	69	81	110	92	79	228.5	244.9	335.2	280.1	240.5
TYRRELL	24	20	24	14	26	588.5	452.8	549.1	322.7	599.4
UNION	485	440	515	517	459	244.2	217.6	251.0	247.9	220.1
VANCE	370	396	484	491	361	859.3	872.7	1070.0	1087.0	799.9
WAKE	3,590	4,530	4,748	4,667	4,210	400.1	499.6	511.3	490.2	442.2
WARREN	107	119	115	110	108	550.8	568.2	549.8	534.6	524.9
WASHINGTON	70	79	82	84	84	544.7	598.8	632.7	659.5	659.5
WATAUGA	79	96	92	94	116	173.7	188.1	178.1	181.2	223.6
WAYNE	712	887	876	820	817	625.6	722.0	707.4	660.0	657.6
WILKES	154	141	136	160	105	231.4	203.5	196.5	230.9	151.5
WILSON	585	1,122	539	533	425	746.6	1378.0	661.5	651.1	519.1
YADKIN	69	51	72	64	101	183.0	132.8	188.1	168.0	265.2
YANCEY	13	27	26	20	15	70.1	151.9	146.9	113.4	85.1
UNKNOWN	0	0	0	2	0	---	---	---	---	---
NC TOTAL	43,734	42,167	53,854	50,621	48,417	466.2	441.1	558.0	519.1	496.5

\*Rate per 100,000 population.

**Table 8. N. C. Gonorrhea Cases by County of Report, 2009-2013**

COUNTY	2009	2010	2011	2012	2013	2009	2010	2011	2012	2013
	Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
ALAMANCE	204	317	325	256	138	135.7	209.2	212.7	166.3	89.7
ALEXANDER	12	7	18	9	8	32.6	18.8	48.5	24.4	21.7
ALLEGHANY	0	0	0	0	2	0.0	0.0	0.0	0.0	18.3
ANSON	168	82	74	65	43	670.5	304.7	279.1	246.7	163.2
ASHE	1	2	2	2	0	3.9	7.3	7.4	7.4	0.0
AVERY	1	3	2	1	1	5.6	16.9	11.3	5.7	5.7
BEAUFORT	89	67	81	82	46	191.8	140.2	170.0	172.6	96.8
BERTIE	54	48	59	59	46	279.1	225.7	281.6	285.7	222.7
BLADEN	56	55	70	44	69	173.1	156.2	200.0	126.0	197.6
BRUNSWICK	43	58	52	77	62	40.2	53.7	47.2	68.6	55.2
BUNCOMBE	174	193	175	159	290	75.2	80.8	72.5	65.0	118.6
BURKE	57	81	79	70	33	63.7	89.3	86.9	77.3	36.5
CABARRUS	154	151	151	141	145	89.4	84.6	83.4	76.4	78.6
CALDWELL	33	36	62	44	44	41.3	43.4	75.4	53.7	53.7
CAMDEN	3	5	7	5	5	30.8	50.0	69.6	49.6	49.6
CARTERET	42	47	40	49	36	65.2	70.4	59.4	72.5	53.2
CASWELL	28	31	22	20	29	121.7	130.7	93.4	86.1	124.9
CATAWBA	158	186	210	156	113	99.3	120.5	136.4	101.1	73.2
CHATHAM	26	29	33	37	36	40.1	45.5	50.6	56.1	54.6
CHEROKEE	1	3	1	16	4	3.8	10.9	3.7	59.3	14.8
CHOWAN	33	27	43	8	10	223.2	182.9	289.5	54.2	67.7
CLAY	0	1	0	1	4	0.0	9.5	0.0	9.4	37.7
CLEVELAND	126	156	173	163	129	126.9	159.2	177.3	167.2	132.3
COLUMBUS	82	78	149	81	75	151.2	134.5	257.6	140.5	130.1
CRAVEN	116	159	260	145	103	117.7	153.0	248.8	138.4	98.3
CUMBERLAND	1,069	733	1,479	1,170	1,196	339.1	228.9	457.5	361.1	369.1
CURRITUCK	21	18	10	8	6	86.7	76.1	41.8	33.2	24.9
DARE	15	25	11	3	5	43.7	73.5	32.1	8.7	14.5
DAVIDSON	75	124	121	101	138	47.3	76.1	74.2	61.9	84.5
DAVIE	18	6	6	12	19	43.5	14.5	14.5	29.0	45.9
DUPLIN	67	60	75	70	64	126.0	102.1	125.8	116.6	106.6
DURHAM	561	680	747	820	758	208.0	253.3	273.0	293.2	271.1
EDGECOMBE	277	272	260	180	172	534.2	481.0	463.6	321.7	307.4
FORSYTH	847	774	854	712	742	235.5	220.3	240.9	198.8	207.2
FRANKLIN	81	57	66	98	62	134.8	93.7	107.9	159.4	100.9
GASTON	383	334	357	194	341	183.3	162.0	172.5	93.2	163.9
GATES	11	14	12	17	9	93.5	114.8	99.4	143.2	75.8
GRAHAM	0	0	1	1	2	0.0	0.0	11.4	11.5	23.0
GRANVILLE	68	93	67	87	85	118.0	154.8	111.5	144.0	140.6
GREENE	39	53	23	28	39	188.8	247.7	106.2	130.7	182.0
GUILFORD	1,100	871	1,981	1,473	1,344	229.0	177.9	399.9	294.1	268.3
HALIFAX	176	152	145	128	100	322.5	278.7	267.0	237.0	185.2
HARNETT	85	117	203	96	128	73.4	101.0	170.2	78.6	104.8
HAYWOOD	14	2	12	11	20	24.5	3.4	20.4	18.7	34.0
HENDERSON	29	45	75	72	64	28.0	42.1	69.7	66.5	59.1
HERTFORD	89	82	80	44	41	382.3	333.1	326.1	180.0	167.8
HOKE	70	52	148	116	90	155.0	109.5	298.9	229.5	178.1
HYDE	4	6	3	2	3	76.8	103.1	51.3	34.1	51.2
IREDELL	235	210	174	120	97	148.6	131.4	108.1	73.8	59.6
JACKSON	11	13	28	38	17	29.8	32.2	69.5	93.9	42.0
JOHNSTON	128	82	118	94	117	76.0	48.3	68.3	53.7	66.9
JONES	13	17	11	7	4	129.1	167.4	107.4	68.1	38.9
LEE	50	77	126	97	85	82.7	133.0	215.0	162.4	142.3

\*Rate per 100,000 population.

Continued

**Table 8. N. C. Gonorrhea Cases by County of Report, 2009-2013 (Cont.)**

COUNTY	2009	2010	2011	2012	2013	2009	2010	2011	2012	2013
	Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
LENOIR	128	162	128	111	119	227.0	272.7	215.5	187.4	200.9
LINCOLN	44	39	57	36	22	57.9	49.8	72.3	45.4	27.7
MACON	2	4	6	7	11	6.0	11.8	17.7	20.7	32.5
MADISON	8	3	6	5	5	39.1	14.4	28.8	24.1	24.1
MARTIN	63	56	48	61	39	270.0	228.7	197.9	254.6	162.8
MCDOWELL	27	8	9	10	4	61.4	17.8	20.0	22.2	8.9
MECKLENBURG	2,035	1,516	2,269	1,848	1,775	222.7	164.2	240.0	190.7	183.2
MITCHELL	0	1	0	1	2	0.0	6.4	0.0	6.5	13.0
MONTGOMERY	21	19	25	14	22	75.7	68.4	89.7	50.6	79.5
MOORE	98	82	46	47	44	112.4	92.6	51.5	52.0	48.7
NASH	225	250	224	210	176	237.5	260.8	233.5	219.4	183.9
NEW HANOVER	312	220	255	262	266	159.9	108.2	123.8	125.2	127.1
NORTHAMPTON	61	44	74	49	41	302.9	199.5	336.4	228.7	191.3
ONslow	273	297	294	250	302	157.7	165.5	165.7	136.4	164.8
ORANGE	82	88	122	85	114	63.5	65.6	90.1	61.6	82.6
PAMLICO	5	13	17	8	5	40.3	99.0	127.7	61.2	38.2
PASQUOTANK	137	111	113	88	54	329.5	272.6	280.0	216.8	133.0
PENDER	31	23	33	23	47	59.2	43.9	61.7	42.4	86.7
PERQUIMANS	24	14	14	14	13	188.5	103.8	104.0	103.2	95.8
PERSON	28	30	40	35	44	74.3	76.0	101.1	89.1	112.1
PITT	581	550	603	351	323	365.3	325.9	353.2	203.4	187.2
POLK	5	5	4	10	3	26.0	24.5	19.7	49.3	14.8
RANDOLPH	50	87	107	47	55	35.2	61.3	75.3	33.0	38.6
RICHMOND	144	65	60	68	42	313.2	139.3	128.5	145.8	90.1
ROBESON	464	402	379	321	260	358.1	298.9	280.8	236.9	191.9
ROCKINGHAM	92	84	164	121	94	99.7	89.7	176.1	130.5	101.4
ROWAN	227	276	190	204	237	161.2	199.5	137.6	147.6	171.5
RUTHERFORD	30	44	56	35	58	47.3	64.9	83.1	52.0	86.2
SAMPSON	81	84	120	100	116	127.1	132.1	188.6	156.4	181.4
SCOTLAND	101	95	131	93	124	278.3	263.2	360.3	257.7	343.5
STANLY	104	122	43	34	55	173.9	201.4	71.2	56.1	90.8
STOKES	14	6	14	11	12	30.3	12.7	29.7	23.5	25.7
SURRY	24	16	19	19	15	33.1	21.7	25.8	25.8	20.4
SWAIN	1	5	9	21	3	7.5	35.7	64.1	148.5	21.2
TRANSYLVANIA	19	15	10	5	16	62.9	45.4	30.5	15.2	48.7
TYRRELL	9	6	3	3	3	220.7	135.8	68.6	69.2	69.2
UNION	204	133	162	172	112	102.7	65.8	79.0	82.5	53.7
VANCE	168	205	146	207	148	390.2	451.8	322.8	458.7	327.9
WAKE	1,010	1,249	1,355	1,340	1,205	112.6	137.7	145.9	140.7	126.6
WARREN	43	58	52	66	43	221.4	276.9	248.6	320.8	209.0
WASHINGTON	30	22	17	13	35	233.4	166.7	131.2	102.1	274.8
WATAUGA	5	6	11	8	2	11.0	11.8	21.3	15.4	3.9
WAYNE	332	293	237	221	197	291.7	238.5	191.4	177.9	158.6
WILKES	16	13	14	12	11	24.0	18.8	20.2	17.3	15.9
WILSON	238	529	181	183	156	303.8	650.1	222.1	223.5	190.6
YADKIN	13	11	8	6	13	34.5	28.6	20.9	15.8	34.1
YANCEY	5	1	2	0	3	27.0	5.6	11.3	0.0	17.0
UNKNOWN	0	0	0	0	0	---	---	---	---	---
NC TOTAL	14,811	14,153	17,158	14,324	13,665	157.9	148.0	177.8	146.9	140.1

\*Rate per 100,000 population.

**Table 9. N. C. Primary and Secondary Syphilis Cases  
by County, by Year of Diagnosis 2009-2013**

COUNTY	2009	2010	2011	2012	2013	2009	2010	2011	2012	2013
	Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
ALAMANCE	3	5	6	4	4	2.0	3.3	3.9	2.6	2.6
ALEXANDER	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
ALLEGHANY	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
ANSON	1	1	1	0	0	4.0	3.7	3.8	0.0	0.0
ASHE	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
AVERY	0	1	0	0	0	0.0	5.6	0.0	0.0	0.0
BEAUFORT	3	1	0	2	2	6.5	2.1	0.0	4.2	4.2
BERTIE	1	1	4	0	0	5.2	4.7	19.1	0.0	0.0
BLADEN	1	1	0	1	0	3.1	2.8	0.0	2.9	0.0
BRUNSWICK	0	0	1	2	1	0.0	0.0	0.9	1.8	0.9
BUNCOMBE	5	4	7	3	4	2.2	1.7	2.9	1.2	1.6
BURKE	2	0	2	0	2	2.2	0.0	2.2	0.0	2.2
CABARRUS	6	1	11	1	2	3.5	0.6	6.1	0.5	1.1
CALDWELL	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
CAMDEN	1	0	0	0	0	10.3	0.0	0.0	0.0	0.0
CARTERET	0	0	2	0	0	0.0	0.0	3.0	0.0	0.0
CASWELL	0	1	1	0	0	0.0	4.2	4.2	0.0	0.0
CATAWBA	0	0	0	1	1	0.0	0.0	0.0	0.6	0.6
CHATHAM	0	3	2	1	2	0.0	4.7	3.1	1.5	3.0
CHEROKEE	0	0	1	0	0	0.0	0.0	3.7	0.0	0.0
CHOWAN	0	0	0	1	1	0.0	0.0	0.0	6.8	6.8
CLAY	0	0	1	1	0	0.0	0.0	9.4	9.4	0.0
CLEVELAND	2	2	0	1	1	2.0	2.0	0.0	1.0	1.0
COLUMBUS	1	1	1	0	0	1.8	1.7	1.7	0.0	0.0
CRAVEN	5	4	7	4	4	5.1	3.8	6.7	3.8	3.8
CUMBERLAND	10	21	15	12	29	3.2	6.6	4.6	3.7	8.9
CURRITUCK	1	0	0	1	0	4.1	0.0	0.0	4.2	0.0
DARE	1	0	0	0	0	2.9	0.0	0.0	0.0	0.0
DAVIDSON	2	2	6	4	2	1.3	1.2	3.7	2.5	1.2
DAVIE	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
DUPLIN	2	3	0	0	1	3.8	5.1	0.0	0.0	1.7
DURHAM	17	14	11	20	26	6.3	5.2	4.0	7.2	9.3
EDGECOMBE	8	2	7	2	3	15.4	3.5	12.5	3.6	5.4
FORSYTH	114	61	18	21	29	31.7	17.4	5.1	5.9	8.1
FRANKLIN	1	1	1	0	3	1.7	1.6	1.6	0.0	4.9
GASTON	9	4	2	2	5	4.3	1.9	1.0	1.0	2.4
GATES	0	0	0	0	1	0.0	0.0	0.0	0.0	8.4
GRAHAM	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
GRANVILLE	2	0	0	1	1	3.5	0.0	0.0	1.7	1.7
GREENE	1	0	2	0	1	4.8	0.0	9.2	0.0	4.7
GUILFORD	43	43	50	32	29	9.0	8.8	10.1	6.4	5.8
HALIFAX	1	2	3	3	1	1.8	3.7	5.5	5.6	1.9
HARNETT	2	2	1	2	8	1.7	1.7	0.8	1.6	6.6
HAYWOOD	1	0	2	0	0	1.8	0.0	3.4	0.0	0.0
HENDERSON	4	0	0	1	1	3.9	0.0	0.0	0.9	0.9
HERTFORD	0	1	0	1	1	0.0	4.1	0.0	4.1	4.1
HOKE	0	1	0	1	0	0.0	2.1	0.0	2.0	0.0
HYDE	1	0	0	0	0	19.2	0.0	0.0	0.0	0.0
IREDELL	3	2	0	7	3	1.9	1.3	0.0	4.3	1.8
JACKSON	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
JOHNSTON	0	3	1	0	2	0.0	1.8	0.6	0.0	1.1
JONES	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0

\*Rate per 100,000 population.

Continued

**Table 9. N. C. Primary and Secondary Syphilis Cases  
by County, by Year of Diagnosis 2009-2013 (Cont.)**

COUNTY	2009	2010	2011	2012	2013	2009	2010	2011	2012	2013
	Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
LEE	3	0	2	0	0	5.0	0.0	3.4	0.0	0.0
LENOIR	3	3	3	7	5	5.3	5.1	5.0	11.8	8.4
LINCOLN	2	0	0	0	0	2.6	0.0	0.0	0.0	0.0
MACON	1	0	1	0	0	3.0	0.0	3.0	0.0	0.0
MADISON	1	0	0	0	0	4.9	0.0	0.0	0.0	0.0
MARTIN	1	1	1	0	1	4.3	4.1	4.1	0.0	4.2
MCDOWELL	1	0	0	0	0	2.3	0.0	0.0	0.0	0.0
MECKLENBURG	111	98	103	81	108	12.1	10.6	10.9	8.4	11.1
MITCHELL	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
MONTGOMERY	0	0	1	0	0	0.0	0.0	3.6	0.0	0.0
MOORE	1	0	1	1	0	1.1	0.0	1.1	1.1	0.0
NASH	5	5	10	3	1	5.3	5.2	10.4	3.1	1.0
NEW HANOVER	5	0	3	2	5	2.6	0.0	1.5	1.0	2.4
NORTHAMPTON	3	1	1	0	1	14.9	4.5	4.5	0.0	4.7
ONSLow	2	2	1	1	4	1.2	1.1	0.6	0.5	2.2
ORANGE	5	1	4	2	5	3.9	0.7	3.0	1.4	3.6
PAMLICO	0	1	0	0	1	0.0	7.6	0.0	0.0	7.6
PASQUOTANK	1	1	4	1	2	2.4	2.5	9.9	2.5	4.9
PENDER	1	0	2	0	2	1.9	0.0	3.7	0.0	3.7
PERQUIMANS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
PERSON	1	0	2	0	1	2.7	0.0	5.1	0.0	2.5
PITT	12	10	9	22	13	7.5	5.9	5.3	12.7	7.5
POLK	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
RANDOLPH	0	0	4	1	1	0.0	0.0	2.8	0.7	0.7
RICHMOND	0	0	0	1	0	0.0	0.0	0.0	2.1	0.0
ROBESON	2	2	5	5	7	1.5	1.5	3.7	3.7	5.2
ROCKINGHAM	0	3	1	5	7	0.0	3.2	1.1	5.4	7.5
ROWAN	4	7	7	3	3	2.8	5.1	5.1	2.2	2.2
RUTHERFORD	2	0	2	0	0	3.2	0.0	3.0	0.0	0.0
SAMPSON	1	1	2	0	1	1.6	1.6	3.1	0.0	1.6
SCOTLAND	1	0	0	0	1	2.8	0.0	0.0	0.0	2.8
STANLY	0	1	0	0	1	0.0	1.7	0.0	0.0	1.7
STOKES	2	1	0	0	0	4.3	2.1	0.0	0.0	0.0
SURRY	0	0	1	1	0	0.0	0.0	1.4	1.4	0.0
SWAIN	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
TRANSYLVANIA	1	0	0	0	0	3.3	0.0	0.0	0.0	0.0
TYRRELL	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
UNION	4	2	1	2	4	2.0	1.0	0.5	1.0	1.9
VANCE	1	2	0	2	2	2.3	4.4	0.0	4.4	4.4
WAKE	67	40	41	54	64	7.5	4.4	4.4	5.7	6.7
WARREN	2	0	0	0	1	10.3	0.0	0.0	0.0	4.9
WASHINGTON	0	0	0	0	1	0.0	0.0	0.0	0.0	7.9
WATAUGA	0	1	1	1	0	0.0	2.0	1.9	1.9	0.0
WAYNE	33	20	10	3	9	29.0	16.3	8.1	2.4	7.2
WILKES	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
WILSON	2	1	2	3	1	2.6	1.2	2.5	3.7	1.2
YADKIN	1	0	0	1	1	2.7	0.0	0.0	2.6	2.6
YANCEY	0	0	1	0	0	0.0	0.0	5.6	0.0	0.0
UNKNOWN	0	0	0	0	0	---	---	---	---	---
NC TOTAL	536	392	392	334	423	5.7	4.1	4.1	3.4	4.3

\*Rate per 100,000 population



**Table 10. N. C. Early Syphilis (Primary, Secondary, Early Latent) Cases by County, by Year of Diagnosis 2009-2013**

COUNTY	2009	2010	2011	2012	2013	2009	2010	2011	2012	2013
	Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
ALAMANCE	8	7	10	7	6	5.3	4.6	6.5	4.5	3.9
ALEXANDER	0	0	1	1	0	0.0	0.0	2.7	2.7	0.0
ALLEGHANY	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
ANSON	1	1	1	1	0	4.0	3.7	3.8	3.8	0.0
ASHE	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
AVERY	1	1	0	0	0	5.6	5.6	0.0	0.0	0.0
BEAUFORT	4	1	2	5	3	8.6	2.1	4.2	10.5	6.3
BERTIE	1	2	7	0	0	5.2	9.4	33.4	0.0	0.0
BLADEN	4	2	1	2	2	12.4	5.7	2.9	5.7	5.7
BRUNSWICK	2	0	2	4	1	1.9	0.0	1.8	3.6	0.9
BUNCOMBE	11	7	10	6	8	4.8	2.9	4.1	2.5	3.3
BURKE	4	1	3	1	6	4.5	1.1	3.3	1.1	6.6
CABARRUS	10	3	15	1	2	5.8	1.7	8.3	0.5	1.1
CALDWELL	0	0	1	0	0	0.0	0.0	1.2	0.0	0.0
CAMDEN	1	0	0	0	1	10.3	0.0	0.0	0.0	9.9
CARTERET	0	0	4	2	1	0.0	0.0	5.9	3.0	1.5
CASWELL	0	3	1	1	2	0.0	12.6	4.2	4.3	8.6
CATAWBA	1	1	2	2	3	0.6	0.6	1.3	1.3	1.9
CHATHAM	1	4	3	2	3	1.5	6.3	4.6	3.0	4.5
CHEROKEE	0	0	1	0	0	0.0	0.0	3.7	0.0	0.0
CHOWAN	0	0	0	1	1	0.0	0.0	0.0	6.8	6.8
CLAY	0	0	1	1	0	0.0	0.0	9.4	9.4	0.0
CLEVELAND	2	2	0	3	1	2.0	2.0	0.0	3.1	1.0
COLUMBUS	1	1	2	2	1	1.8	1.7	3.5	3.5	1.7
CRAVEN	8	10	15	10	6	8.1	9.6	14.4	9.5	5.7
CUMBERLAND	15	40	32	31	47	4.8	12.5	9.9	9.6	14.5
CURRITUCK	1	0	0	1	0	4.1	0.0	0.0	4.2	0.0
DARE	1	0	0	0	0	2.9	0.0	0.0	0.0	0.0
DAVIDSON	4	4	10	7	5	2.5	2.5	6.1	4.3	3.1
DAVIE	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
DUPLIN	2	5	4	1	1	3.8	8.5	6.7	1.7	1.7
DURHAM	30	23	25	24	45	11.1	8.6	9.1	8.6	16.1
EDGECOMBE	13	7	9	4	7	25.1	12.4	16.0	7.1	12.5
FORSYTH	189	89	37	40	50	52.6	25.3	10.4	11.2	14.0
FRANKLIN	3	3	4	0	3	5.0	4.9	6.5	0.0	4.9
GASTON	16	6	6	5	7	7.7	2.9	2.9	2.4	3.4
GATES	0	1	0	0	1	0.0	8.2	0.0	0.0	8.4
GRAHAM	1	0	0	0	0	12.5	0.0	0.0	0.0	0.0
GRANVILLE	3	2	0	2	1	5.2	3.3	0.0	3.3	1.7
GREENE	2	0	2	0	1	9.7	0.0	9.2	0.0	4.7
GUILFORD	63	81	102	58	51	13.1	16.5	20.6	11.6	10.2
HALIFAX	2	3	7	3	1	3.7	5.5	12.9	5.6	1.9
HARNETT	3	3	3	3	11	2.6	2.6	2.5	2.5	9.0
HAYWOOD	2	0	2	0	0	3.5	0.0	3.4	0.0	0.0
HENDERSON	6	0	2	1	2	5.8	0.0	1.9	0.9	1.8
HERTFORD	1	2	0	1	1	4.3	8.1	0.0	4.1	4.1
HOKE	1	3	0	4	1	2.2	6.3	0.0	7.9	2.0
HYDE	1	1	0	0	0	19.2	17.2	0.0	0.0	0.0
IREDELL	3	3	1	7	6	1.9	1.9	0.6	4.3	3.7
JACKSON	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
JOHNSTON	1	3	1	2	4	0.6	1.8	0.6	1.1	2.3
JONES	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0

\*Rate per 100,000 population.

Continued

**Table 10. N. C. Early Syphilis (Primary, Secondary, Early Latent) Cases by County, by Year of Diagnosis 2009-2013 (Cont.)**

COUNTY	2009	2010	2011	2012	2013	2009	2010	2011	2012	2013
	Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
LEE	6	4	4	1	1	9.9	6.9	6.8	1.7	1.7
LENOIR	3	3	4	12	14	5.3	5.1	6.7	20.3	23.6
LINCOLN	2	0	0	0	0	2.6	0.0	0.0	0.0	0.0
MACON	1	0	2	0	0	3.0	0.0	5.9	0.0	0.0
MADISON	3	0	0	2	0	14.7	0.0	0.0	9.6	0.0
MARTIN	1	2	3	0	1	4.3	8.2	12.4	0.0	4.2
MCDOWELL	1	0	0	0	0	2.3	0.0	0.0	0.0	0.0
MECKLENBURG	165	168	174	125	151	18.1	18.2	18.4	12.9	15.6
MITCHELL	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
MONTGOMERY	0	0	3	0	0	0.0	0.0	10.8	0.0	0.0
MOORE	1	1	1	2	0	1.1	1.1	1.1	2.2	0.0
NASH	9	7	11	4	2	9.5	7.3	11.5	4.2	2.1
NEW HANOVER	9	4	8	4	6	4.6	2.0	3.9	1.9	2.9
NORTHAMPTON	3	1	1	0	1	14.9	4.5	4.5	0.0	4.7
ONSLow	3	4	2	1	8	1.7	2.2	1.1	0.5	4.4
ORANGE	7	1	4	3	5	5.4	0.7	3.0	2.2	3.6
PAMLICO	0	1	0	0	2	0.0	7.6	0.0	0.0	15.3
PASQUOTANK	1	2	5	1	3	2.4	4.9	12.4	2.5	7.4
PENDER	1	0	3	0	3	1.9	0.0	5.6	0.0	5.5
PERQUIMANS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
PERSON	1	0	2	0	1	2.7	0.0	5.1	0.0	2.5
PITT	18	15	16	34	22	11.3	8.9	9.4	19.7	12.7
POLK	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
RANDOLPH	3	2	9	1	1	2.1	1.4	6.3	0.7	0.7
RICHMOND	1	0	0	3	0	2.2	0.0	0.0	6.4	0.0
ROBESON	3	7	9	6	10	2.3	5.2	6.7	4.4	7.4
ROCKINGHAM	2	4	4	5	7	2.2	4.3	4.3	5.4	7.5
ROWAN	7	8	11	5	5	5.0	5.8	8.0	3.6	3.6
RUTHERFORD	2	2	3	0	0	3.2	3.0	4.4	0.0	0.0
SAMPSON	2	1	2	5	2	3.1	1.6	3.1	7.8	3.1
SCOTLAND	1	2	0	2	1	2.8	5.5	0.0	5.5	2.8
STANLY	0	1	0	1	3	0.0	1.7	0.0	1.7	5.0
STOKES	2	2	1	0	1	4.3	4.2	2.1	0.0	2.1
SURRY	0	0	1	1	0	0.0	0.0	1.4	1.4	0.0
SWAIN	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
TRANSYLVANIA	1	1	0	0	0	3.3	3.0	0.0	0.0	0.0
TYRRELL	0	0	0	1	0	0.0	0.0	0.0	23.1	0.0
UNION	8	3	1	3	5	4.0	1.5	0.5	1.4	2.4
VANCE	2	3	2	2	6	4.6	6.6	4.4	4.4	13.3
WAKE	111	79	70	81	102	12.4	8.7	7.5	8.5	10.7
WARREN	3	1	0	0	1	15.4	4.8	0.0	0.0	4.9
WASHINGTON	3	0	0	0	1	23.3	0.0	0.0	0.0	7.9
WATAUGA	0	1	1	1	0	0.0	2.0	1.9	1.9	0.0
WAYNE	59	44	15	3	17	51.8	35.8	12.1	2.4	13.7
WILKES	0	2	1	0	0	0.0	2.9	1.4	0.0	0.0
WILSON	4	7	4	5	1	5.1	8.6	4.9	6.1	1.2
YADKIN	1	0	1	1	2	2.7	0.0	2.6	2.6	5.3
YANCEY	0	0	1	0	0	0.0	0.0	5.6	0.0	0.0
UNKNOWN	0	0	0	0	0	---	---	---	---	---
NC TOTAL	873	708	708	561	677	9.3	7.4	7.3	5.8	6.9

\*Rate per 100,000 population.

**Table 11. N. C. Adult/Adolescent HIV Infection<sup>†</sup> Cases by Gender and Race/Ethnicity by Year Of Diagnosis, 2009-2013<sup>P</sup>**

Race/Ethnicity		2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012	2013	2013	2013
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
<b>Male</b>	<b>White**</b>	319	19%	12.3	285	20%	10.9	280	19%	10.7	243	18%	9.2	318	21%	12.0
	<b>Black**</b>	747	46%	99.4	689	47%	89.1	721	49%	91.9	650	49%	81.5	736	49%	92.3
	<b>Am.In/AN**</b>	8	0%	18.8	<5	---	---	9	1%	20.0	12	1%	26.4	7	0%	15.4
	<b>Asian/PI**</b>	8	0%	10.3	6	0%	6.9	8	1%	8.8	8	1%	8.4	10	1%	10.5
	<b>Hispanic</b>	113	7%	41.4	95	7%	31.1	77	5%	24.7	83	6%	25.9	104	7%	32.5
	<b>Unknown</b>	27	2%	---	21	1%	---	46	3%	---	35	3%	---	14	1%	---
	<b>Total</b>	1,222	75%	32.7	1,098	75%	28.8	1,141	77%	29.6	1,031	77%	26.4	1,189	79%	30.4
<b>Female</b>	<b>White**</b>	69	4%	2.5	51	4%	1.8	42	3%	1.5	60	4%	2.1	53	4%	1.9
	<b>Black**</b>	322	20%	36.5	269	18%	29.5	266	18%	28.8	226	17%	24.1	232	15%	24.7
	<b>Am.In/AN**</b>	<5	---	---	<5	---	---	<5	---	---	0	0%	0.0	<5	---	---
	<b>Asian/PI**</b>	<5	---	---	<5	---	---	<5	---	---	<5	---	---	7	0%	6.6
	<b>Hispanic</b>	18	1%	9.0	22	2%	8.6	21	1%	8.0	14	1%	5.2	22	1%	8.1
	<b>Unknown</b>	6	0%	---	13	1%	---	<5	---	---	<5	---	---	6	0%	---
	<b>Total</b>	418	25%	10.5	359	25%	8.8	340	23%	8.2	306	23%	7.3	324	21%	7.7
<b>Total</b>	<b>White**</b>	388	24%	7.2	336	23%	6.2	322	22%	5.9	303	23%	5.5	371	25%	6.8
	<b>Black**</b>	1,069	65%	65.4	958	66%	56.9	987	67%	57.8	876	66%	50.5	968	64%	55.8
	<b>Am.In/AN**</b>	9	1%	10.2	<5	---	---	13	1%	13.8	12	1%	12.6	11	1%	11.5
	<b>Asian/PI**</b>	10	1%	6.3	9	1%	4.9	11	1%	5.7	12	1%	6.0	17	1%	8.5
	<b>Hispanic</b>	131	8%	27.7	117	8%	20.9	98	7%	17.1	97	7%	16.4	126	8%	21.3
	<b>Unknown</b>	33	2%	---	34	2%	---	50	3%	---	37	3%	---	20	1%	---
	<b>Total</b>	1,640	100%	21.3	1,457	100%	18.4	1,481	100%	18.5	1,337	100%	16.5	1,513 <sup>P</sup>	100%	18.7 <sup>P</sup>

<sup>†</sup>HIV Infection includes all newly diagnosed HIV infected individuals by the date of first diagnosis regardless of status (HIV or AIDS).

\*Rate per 100,000 population. \*\*Non Hispanic; Am. In/AN= American Indian/Alaskan Native; Asian/PI= Asian/Pacific Islander.

<sup>P</sup> Note: The 2013 HIV Infection numbers are artificially inflated due to incomplete interstate deduplication (see Technical Notes).

**Table 12. N. C. Adult/Adolescent HIV Infection<sup>†</sup> Cases by Gender and Age by Year of Diagnosis, 2009-2013<sup>P</sup>**

Age		2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012	2013	2013	2013
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	13-14	0	0%	0.0	<5	---	---	<5	---	---	0	0%	0.0	0	0%	0.0
	15-19	67	4%	20.2	65	4%	19.3	82	6%	24.4	53	4%	15.9	52	3%	15.6
	20-24	202	12%	57.4	226	16%	66.4	223	15%	64.6	222	17%	62.0	249	16%	69.5
	25-29	160	10%	50.2	167	11%	53.2	173	12%	55.3	163	12%	51.8	190	13%	60.3
	30-34	127	8%	42.6	111	8%	36.1	103	7%	33.2	105	8%	33.6	128	8%	41.0
	35-39	129	8%	39.2	97	7%	30.0	101	7%	32.3	69	5%	22.4	108	7%	35.1
	40-44	154	9%	47.5	120	8%	36.4	118	8%	35.2	115	9%	34.1	130	9%	38.5
	45-49	176	11%	52.3	122	8%	35.8	129	9%	38.3	112	8%	33.6	137	9%	41.1
	50-54	103	6%	33.0	84	6%	25.9	98	7%	29.8	88	7%	26.5	85	6%	25.6
	55-59	56	3%	20.4	58	4%	20.2	60	4%	20.4	39	3%	12.9	47	3%	15.6
	60-64	24	1%	10.1	23	2%	8.9	30	2%	11.2	38	3%	14.3	31	2%	11.7
	65+	24	1%	4.8	23	2%	4.4	22	1%	4.0	27	2%	4.7	32	2%	5.5
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total</b>	<b>1,222</b>	<b>75%</b>	<b>32.7</b>	<b>1,098</b>	<b>75%</b>	<b>28.8</b>	<b>1,141</b>	<b>77%</b>	<b>29.6</b>	<b>1,031</b>	<b>77%</b>	<b>26.4</b>	<b>1,189</b>	<b>79%</b>	<b>30.4</b>	
Female	13-14	<5	---	---	<5	---	---	0	0%	0.0	<5	---	---	<5	---	---
	15-19	23	1%	7.3	16	1%	5.0	11	1%	3.5	14	1%	4.4	7	0%	2.2
	20-24	40	2%	12.7	30	2%	9.2	31	2%	9.3	28	2%	8.3	24	2%	7.1
	25-29	37	2%	11.9	36	2%	11.4	39	3%	12.3	39	3%	12.3	32	2%	10.1
	30-34	41	3%	13.4	39	3%	12.3	31	2%	9.7	35	3%	10.8	32	2%	9.9
	35-39	58	4%	17.4	58	4%	17.4	44	3%	13.6	36	3%	11.3	38	3%	11.9
	40-44	62	4%	18.7	34	2%	10.1	43	3%	12.5	41	3%	11.8	51	3%	14.6
	45-49	67	4%	19.0	57	4%	16.0	52	4%	14.8	38	3%	10.9	46	3%	13.2
	50-54	43	3%	12.9	34	2%	9.8	37	2%	10.5	28	2%	7.9	42	3%	11.9
	55-59	28	2%	9.3	29	2%	9.1	29	2%	8.9	23	2%	6.9	30	2%	9.0
	60-64	12	1%	4.5	19	1%	6.6	14	1%	4.7	13	1%	4.4	14	1%	4.7
	65+	6	0%	0.9	6	0%	0.8	9	1%	1.2	10	1%	1.3	7	0%	0.9
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total</b>	<b>418</b>	<b>25%</b>	<b>10.5</b>	<b>359</b>	<b>25%</b>	<b>8.8</b>	<b>340</b>	<b>23%</b>	<b>8.2</b>	<b>306</b>	<b>23%</b>	<b>7.3</b>	<b>324</b>	<b>21%</b>	<b>7.7</b>	

<sup>†</sup>HIV Infection includes all newly diagnosed HIV infected individuals by the date of first diagnosis regardless of status (HIV or AIDS).  
<sup>\*</sup> Rate per 100,000 population.

Continued

**Table 12. N. C. Adult/Adolescent HIV Infection<sup>†</sup> Cases by Gender and Age by Year of Diagnosis, 2009-2013<sup>P</sup> (Cont)**

Age		2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012	2013	2013	2013
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Total	13-14	<5	---	---	<5	---	---	<5	---	---	<5	---	---	<5	---	---
	15-19	90	5%	13.9	81	6%	12.3	93	6%	14.2	67	5%	10.3	59	4%	9.1
	20-24	242	15%	36.2	256	18%	38.4	254	17%	37.4	250	19%	35.9	273	18%	39.2
	25-29	197	12%	31.2	203	14%	32.2	212	14%	33.6	202	15%	31.9	222	15%	35.1
	30-34	168	10%	27.8	150	10%	24.0	134	9%	21.2	140	10%	22.1	160	11%	25.2
	35-39	187	11%	28.2	155	11%	23.6	145	10%	22.8	105	8%	16.8	146	10%	23.3
	40-44	216	13%	32.9	154	11%	23.1	161	11%	23.7	156	12%	22.7	181	12%	26.4
	45-49	243	15%	35.3	179	12%	25.7	181	12%	26.3	150	11%	22.0	183	12%	26.9
	50-54	146	9%	22.6	118	8%	17.6	135	9%	19.8	116	9%	16.9	127	8%	18.5
	55-59	84	5%	14.5	87	6%	14.4	89	6%	14.4	62	5%	9.8	77	5%	12.1
	60-64	36	2%	7.2	42	3%	7.7	44	3%	7.8	51	4%	9.0	45	3%	8.0
	65+	30	2%	2.5	29	2%	2.3	31	2%	2.4	37	3%	2.7	39	3%	2.9
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total</b>	<b>1,640</b>	<b>100%</b>	<b>21.3</b>	<b>1,457</b>	<b>100%</b>	<b>18.4</b>	<b>1,481</b>	<b>100%</b>	<b>18.5</b>	<b>1,337</b>	<b>100%</b>	<b>16.5</b>	<b>1,513<sup>P</sup></b>	<b>100%</b>	<b>18.7<sup>P</sup></b>	

<sup>†</sup>HIV Infection includes all diagnosed HIV infected individuals by the date of first diagnosis regardless of status (HIV or AIDS).

\* Rate per 100,000 population.

<sup>P</sup> Note: The 2013 HIV Infection numbers are artificially inflated due to incomplete interstate deduplication (see Technical Notes).

**Table 13. N. C. Adult/Adolescent HIV Infection<sup>†</sup> Cases by Gender and Mode of Transmission, 2009-2013<sup>P</sup>**

Mode of Exposure		2009		2010		2011		2012		2013	
		Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct
<b>Male</b>	<b>MSM*</b>	707	43%	660	45%	704	48%	640	48%	656	43%
	<b>IDU*</b>	28	2%	24	2%	31	2%	12	1%	22	1%
	<b>MSM/IDU*</b>	12	1%	10	1%	15	1%	15	1%	27	2%
	<b>Other Risk*</b>	0	0%	<5	---	<5	---	0	0%	0	0%
	<b>Heterosexual-CDC*</b>	109	7%	67	5%	60	4%	57	4%	41	3%
	<b>NIR/NRR*</b>	238	15%	215	15%	231	16%	216	16%	337	22%
	<b>Presumed Heterosexual*</b>	128	8%	121	8%	99	7%	91	7%	106	7%
	<b>Total</b>	1222	75%	1098	75%	1141	77%	1031	77%	1189	79%
<b>Female</b>	<b>IDU*</b>	13	1%	10	1%	16	1%	14	1%	14	1%
	<b>Other Risk *</b>	<5	---	0	0%	0	0%	0	0%	0	0%
	<b>Heterosexual-CDC*</b>	133	8%	117	8%	77	5%	99	7%	70	5%
	<b>NIR/NRR*</b>	149	9%	145	10%	145	10%	132	10%	175	12%
	<b>Presumed Heterosexual*</b>	122	7%	87	6%	102	7%	61	5%	65	4%
	<b>Total</b>	418	25%	359	25%	340	23%	306	23%	324	21%
<b>Total</b>	<b>MSM*</b>	707	43%	660	45%	704	48%	640	48%	656	43%
	<b>IDU*</b>	41	3%	34	2%	47	3%	26	2%	36	2%
	<b>MSM/IDU*</b>	12	1%	10	1%	15	1%	15	1%	27	2%
	<b>Other Risk *</b>	<5	---	<5	---	<5	---	0	0%	0	0%
	<b>Heterosexual-CDC*</b>	242	15%	184	13%	137	9%	156	12%	111	7%
	<b>NIR/NRR*</b>	387	24%	360	25%	376	25%	348	26%	512	34%
	<b>Presumed Heterosexual*</b>	250	15%	208	14%	201	14%	152	11%	171	11%
	<b>Total</b>	1640	100%	1457	100%	1481	100%	1337	100%	1513 <sup>P</sup>	100%

<sup>†</sup>HIV Infection includes all newly diagnosed HIV infected individuals by the date of first diagnosis regardless of status (HIV or AIDS).

\*MSM= men who have sex with men; IDU= injection drug use; "Other Risk" includes Blood Products (adult hemophilia) and pediatric risk;

"Presumed Heterosexual" includes cases initially classified as "NIR" with additional risk information consistent with heterosexual transmission;

NIR/NRR= no identified risk reported.

<sup>P</sup> Note: The 2013 HIV Infection numbers are artificially inflated due to incomplete interstate deduplication (see Technical Notes).

**Table 14. N.C Adult/Adolescent HIV Infection<sup>†</sup> Cases by Gender and Mode of Transmission (NIRs Redistributed), 2009-2013<sup>P</sup>**

Mode of Exposure		2009		2010		2011		2012		2013	
		Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct
Male	MSM*	878	72%	821	75%	883	77%	810	79%	915	77%
	IDU*	35	3%	30	3%	39	3%	15	1%	31	3%
	MSM/IDU*	15	1%	12	1%	19	2%	19	2%	38	3%
	Other Risk*	0	0%	<5	---	<5	---	0	0%	0	0%
	Heterosexual-All *	294	24%	234	21%	199	17%	187	18%	205	17%
	<b>Total</b>	<b>1,222</b>	<b>100%</b>	<b>1,098</b>	<b>100%</b>	<b>1,141</b>	<b>100%</b>	<b>1,031</b>	<b>100%</b>	<b>1,189</b>	<b>100%</b>
Female	IDU*	20	5%	17	5%	28	8%	25	8%	30	9%
	Other Risk*	<5	---	0	0%	0	0%	0	0%	0	0%
	Heterosexual-All*	396	95%	342	95%	312	92%	281	92%	294	91%
	<b>Total</b>	<b>418</b>	<b>100%</b>	<b>359</b>	<b>100%</b>	<b>340</b>	<b>100%</b>	<b>306</b>	<b>100%</b>	<b>324</b>	<b>100%</b>
Total <sup>††</sup>	MSM*	878	54%	821	56%	883	60%	810	61%	915	61%
	IDU*	55	3%	47	3%	67	5%	40	3%	61	4%
	MSM/IDU*	15	1%	12	1%	19	1%	19	1%	38	2%
	Other Risk*	<5	---	<5	---	<5	---	0	0%	0	0%
	Heterosexual-All*	691	42%	576	40%	511	35%	469	35%	499	33%
	<b>Total</b>	<b>1,640</b>	<b>100%</b>	<b>1,457</b>	<b>100%</b>	<b>1,481</b>	<b>100%</b>	<b>1,337</b>	<b>100%</b>	<b>1,513<sup>P</sup></b>	<b>100%</b>

<sup>†</sup>HIV Infection includes all newly reported HIV infected individuals by the date of first diagnosis (HIV or AIDS).

\*MSM= men who have sex with men; IDU= injection drug use; "Other Risk" includes Blood Products (adult hemophilia) and pediatric risk, NIR = No identified risk reported.

<sup>††</sup>Totals may not correspond to cases listed above due to redistribution of NIR cases (See Technical Notes).

<sup>P</sup> Note: The 2013 HIV Infection numbers are artificially inflated due to incomplete interstate deduplication (see Technical Notes).

**Table 15. N. C. Adult/Adolescent AIDS Cases by Gender and Race/Ethnicity by Year of Diagnosis, 2009-2013<sup>P</sup>**

Race/Ethnicity		2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012	2013	2013	2013
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
<b>Male</b>	<b>White**</b>	162	17%	6.2	152	19%	5.8	144	18%	5.5	123	16%	4.6	156	17%	5.9
	<b>Black**</b>	446	47%	59.4	343	43%	44.4	362	44%	46.1	374	47%	46.9	411	46%	51.5
	<b>Am.In/AN**</b>	<5	---	---	<5	---	---	<5	---	---	5	1%	11.0	<5	---	---
	<b>Asian/PI**</b>	<5	---	---	<5	---	---	<5	---	---	<5	---	---	5	1%	5.2
	<b>Hispanic</b>	67	7%	24.5	48	6%	15.7	37	5%	11.9	37	5%	11.6	56	6%	17.5
	<b>Unknown</b>	13	1%	---	12	2%	---	23	3%	---	20	3%	---	16	2%	---
	<b>Total</b>	695	73%	18.6	561	71%	14.7	571	70%	14.8	561	71%	14.4	646	72%	16.5
<b>Female</b>	<b>White**</b>	38	4%	1.4	24	3%	0.9	40	5%	1.4	32	4%	1.1	35	4%	1.2
	<b>Black**</b>	211	22%	23.9	199	25%	21.8	184	23%	19.9	177	22%	18.9	193	22%	20.6
	<b>Am.In/AN**</b>	<5	---	---	0	0%	0.0	<5	---	---	<5	---	---	<5	---	---
	<b>Asian/PI**</b>	<5	---	---	0	0%	0.0	<5	---	---	0	0%	0.0	0	0%	0.0
	<b>Hispanic</b>	5	1%	2.5	6	1%	2.4	12	1%	4.6	14	2%	5.2	8	1%	2.9
	<b>Unknown</b>	<5	---	---	5	1%	---	<5	---	---	<5	---	---	10	1%	---
	<b>Total</b>	260	27%	6.5	234	29%	5.7	244	30%	5.9	228	29%	5.4	247	28%	5.9
<b>Total</b>	<b>White**</b>	200	21%	3.7	176	22%	3.3	184	23%	3.4	155	20%	2.8	191	21%	3.5
	<b>Black**</b>	657	69%	40.2	542	68%	32.2	546	67%	31.9	551	70%	31.8	604	68%	34.8
	<b>Am.In/AN**</b>	<5	---	---	<5	---	---	8	1%	8.5	6	1%	6.3	<5	---	---
	<b>Asian/PI**</b>	7	1%	4.4	<5	---	---	<5	---	---	<5	---	---	5	1%	2.5
	<b>Hispanic</b>	72	8%	15.2	54	7%	9.6	49	6%	8.5	51	6%	8.6	64	7%	10.8
	<b>Unknown</b>	15	2%	---	17	2%	---	26	3%	---	24	3%	---	26	3%	---
	<b>Total</b>	955	100%	12.4	795	100%	10.1	815	100%	10.2	789	100%	9.7	893 <sup>P</sup>	100%	11.0 <sup>P</sup>

\*Rate per 100,000 population. \*\*Non Hispanic; Am. In/AN= American Indian/Alaskan Native; Asian/PI= Asian/Pacific Islander.

<sup>P</sup> Note: The 2013 AIDS numbers are artificially inflated due to incomplete interstate deduplication (see Technical Notes).



**Table 16. N. C. Adult/Adolescent AIDS Cases by Gender and Age by Year of Diagnosis, 2009-2013<sup>P</sup>**

Age		2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012	2013	2013	2013
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	13-14	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	15-19	8	1%	2.4	10	1%	3.0	14	2%	4.2	<5	---	---	5	1%	1.5
	20-24	50	5%	14.2	31	4%	9.1	49	6%	14.2	39	5%	10.9	48	5%	13.4
	25-29	81	8%	25.4	58	7%	18.5	58	7%	18.5	73	9%	23.2	78	9%	24.8
	30-34	64	7%	21.5	72	9%	23.4	65	8%	20.9	63	8%	20.2	87	10%	27.9
	35-39	83	9%	25.2	58	7%	17.9	68	8%	21.8	43	5%	14.0	55	6%	17.9
	40-44	116	12%	35.8	72	9%	21.8	75	9%	22.4	87	11%	25.8	92	10%	27.3
	45-49	131	14%	38.9	110	14%	32.3	84	10%	24.9	84	11%	25.2	91	10%	27.3
	50-54	88	9%	28.2	74	9%	22.8	75	9%	22.8	82	10%	24.7	86	10%	25.9
	55-59	51	5%	18.5	39	5%	13.6	37	5%	12.6	42	5%	13.9	54	6%	17.9
	60-64	9	1%	3.8	17	2%	6.6	22	3%	8.2	23	3%	8.6	28	3%	10.5
	65+	14	1%	2.8	20	3%	3.8	23	3%	4.2	21	3%	3.6	22	2%	3.8
	Unknown	0	0%	---	0	0%	---	<5	---	---	0	0%	---	0	0%	---
	<b>Total</b>	695	73%	18.6	561	71%	14.7	571	70%	14.8	561	71%	14.4	646	72%	16.5
Female	13-14	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	15-19	5	1%	1.6	<5	---	---	<5	---	---	<5	---	---	<5	---	---
	20-24	10	1%	3.2	12	2%	3.7	7	1%	2.1	6	1%	1.8	11	1%	3.2
	25-29	19	2%	6.1	10	1%	3.2	14	2%	4.4	12	2%	3.8	14	2%	4.4
	30-34	29	3%	9.5	27	3%	8.5	34	4%	10.6	36	5%	11.2	26	3%	8.1
	35-39	49	5%	14.7	41	5%	12.3	34	4%	10.5	31	4%	9.7	35	4%	11.0
	40-44	41	4%	12.4	40	5%	11.8	45	6%	13.0	28	4%	8.0	38	4%	10.9
	45-49	48	5%	13.6	41	5%	11.5	51	6%	14.5	43	5%	12.4	48	5%	13.8
	50-54	26	3%	7.8	21	3%	6.1	26	3%	7.4	33	4%	9.3	31	3%	8.8
	55-59	22	2%	7.3	17	2%	5.4	16	2%	4.9	17	2%	5.1	23	3%	6.9
	60-64	9	1%	3.4	16	2%	5.6	9	1%	3.0	10	1%	3.3	13	1%	4.4
	65+	<5	---	---	8	1%	1.1	6	1%	0.8	10	1%	1.3	6	1%	0.8
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
	<b>Total</b>	260	27%	6.5	234	29%	5.7	244	30%	5.9	228	29%	5.4	247	28%	5.9

\* Rate per 100,000 population.

Continued

**Table 16. N. C. Adult/Adolescent AIDS Cases by Gender and Age by Year of Diagnosis, 2009-2013<sup>P</sup> (Cont)**

Age		2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012	2013	2013	2013
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
<b>Total</b>	<b>13-14</b>	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	<b>15-19</b>	13	1%	2.0	11	1%	1.7	16	2%	2.4	6	1%	0.9	7	1%	1.1
	<b>20-24</b>	60	6%	9.0	43	5%	6.4	56	7%	8.3	45	6%	6.5	59	7%	8.5
	<b>25-29</b>	100	10%	15.9	68	9%	10.8	72	9%	11.4	85	11%	13.4	92	10%	14.5
	<b>30-34</b>	93	10%	15.4	99	12%	15.9	99	12%	15.7	99	13%	15.6	113	13%	17.8
	<b>35-39</b>	132	14%	19.9	99	12%	15.1	102	13%	16.1	74	9%	11.8	90	10%	14.4
	<b>40-44</b>	157	16%	23.9	112	14%	16.8	120	15%	17.6	115	15%	16.8	130	15%	19.0
	<b>45-49</b>	179	19%	26.0	151	19%	21.7	135	17%	19.6	127	16%	18.7	139	16%	20.4
	<b>50-54</b>	114	12%	17.7	95	12%	14.1	101	12%	14.8	115	15%	16.8	117	13%	17.1
	<b>55-59</b>	73	8%	12.6	56	7%	9.3	53	7%	8.6	59	7%	9.3	77	9%	12.1
	<b>60-64</b>	18	2%	3.6	33	4%	6.1	31	4%	5.5	33	4%	5.8	41	5%	7.3
	<b>65+</b>	16	2%	1.3	28	4%	2.3	29	4%	2.3	31	4%	2.3	28	3%	2.1
	<b>Unknown</b>	0	0%	---	0	0%	---	<5	---	---	0	0%	---	0	0%	---
<b>Total</b>	955	100%	12.4	795	100%	10.1	815	100%	10.2	789	100%	9.7	893 <sup>P</sup>	100%	11.0 <sup>P</sup>	

\* Rate per 100,000 population.

<sup>P</sup> Note: The 2013 AIDS numbers are artificially inflated due to incomplete interstate deduplication (see Technical Notes).

**Table 17. N. C. Chlamydia Cases by Gender and Race/Ethnicity, 2009-2013**

Race/Ethnicity		2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012	2013	2013	2013
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
<b>Male</b>	<b>White**</b>	958	2%	31.0	945	2%	30.6	1,210	2%	39.1	1,246	2%	39.9	1,381	3%	44.3
	<b>Black**</b>	4,007	9%	421.5	3,835	9%	391.6	4,694	9%	473.8	4,329	9%	431.0	4,408	9%	438.9
	<b>Am.In/AN**</b>	73	0%	136.9	95	0%	169.8	102	0%	180.9	94	0%	165.8	90	0%	158.7
	<b>Asian/PI**</b>	38	0%	38.1	34	0%	31.0	35	0%	30.4	30	0%	24.9	40	0%	33.2
	<b>Hispanic</b>	523	1%	131.4	470	1%	109.0	588	1%	133.5	607	1%	134.2	583	1%	128.9
	<b>Unknown</b>	2,628	6%	---	2,675	6%	---	4,779	9%	---	5,045	10%	---	4,754	10%	---
	<b>Total</b>	8,227	19%	179.2	8,054	19%	172.8	11,408	21%	242.7	11,351	22%	238.8	11,256	23%	236.8
<b>Female</b>	<b>White**</b>	6,024	14%	186.3	6,316	15%	195.2	7,250	13%	222.8	7,053	14%	215.7	7,114	15%	217.5
	<b>Black**</b>	16,001	37%	1486.2	15,806	37%	1422.5	17,108	32%	1520.9	15,557	31%	1366.9	15,075	31%	1324.6
	<b>Am.In/AN**</b>	498	1%	885.3	432	1%	721.1	583	1%	964.5	598	1%	982.0	564	1%	926.1
	<b>Asian/PI**</b>	176	0%	168.4	206	0%	172.6	181	0%	144.4	197	0%	150.1	210	0%	160.0
	<b>Hispanic</b>	1,990	5%	622.7	1,777	4%	474.3	2,244	4%	581.2	2,214	4%	555.5	2,318	5%	581.6
	<b>Unknown</b>	10,540	24%	---	9,386	22%	---	14,836	28%	---	13,536	27%	---	11,863	25%	---
	<b>Total</b>	35,229	81%	735.4	33,923	80%	692.3	42,202	78%	852.5	39,155	77%	783.2	37,144	77%	743.0
<b>Total***</b>	<b>White**</b>	7,000	16%	110.7	7,276	17%	115.1	8,480	16%	133.5	8,305	16%	130.0	8,497	18%	133.0
	<b>Black**</b>	20,090	46%	991.0	19,732	47%	944.0	21,860	41%	1033.3	19,917	39%	929.7	19,484	40%	909.4
	<b>Am.In/AN**</b>	572	1%	522.0	527	1%	454.9	686	1%	587.1	695	1%	591.0	654	1%	556.1
	<b>Asian/PI**</b>	215	0%	105.3	241	1%	105.2	217	0%	90.2	227	0%	90.1	250	1%	99.2
	<b>Hispanic</b>	2,525	6%	351.8	2,254	5%	279.7	2,841	5%	343.7	2,823	6%	331.8	2,902	6%	341.1
	<b>Unknown</b>	13,332	30%	---	12,137	29%	---	19,770	37%	---	18,654	37%	---	16,630	34%	---
	<b>Total</b>	43,734	100%	466.2	42,167	100%	441.1	53,854	100%	558.0	50,621	100%	519.1	48,417	100%	496.5

\*Rate per 100,000 population.

\*\*Non Hispanic; Am. In/AN= American Indian/Alaskan Native; Asian/ PI= Asian/Pacific Islander.

\*\*\* Total includes cases with unknown gender.

Table 18. N. C. Chlamydia Cases by Gender and Age, 2009-2013

Age	2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012	2013	2013	2013	
	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	
Male	10-14	20	0%	6.5	20	0%	6.2	34	0%	10.4	30	0%	9.1	32	0%	9.7
	15-19	1,943	4%	585.6	1,989	5%	590.1	2,683	5%	799.0	2,491	5%	746.0	2,155	4%	645.4
	20-24	3,210	7%	911.5	3,137	7%	921.3	4,721	9%	1368.6	4,640	9%	1294.9	4,800	10%	1339.5
	25-29	1,556	4%	488.2	1,425	3%	454.0	1,960	4%	626.3	2,127	4%	675.4	2,137	4%	678.6
	30-34	678	2%	227.6	650	2%	211.4	940	2%	302.6	982	2%	314.6	1,035	2%	331.6
	35-39	375	1%	113.9	391	1%	120.9	470	1%	150.5	489	1%	159.0	489	1%	159.0
	40-44	203	0%	62.6	213	1%	64.5	271	1%	80.9	272	1%	80.6	300	1%	88.9
	45-54	152	0%	23.4	168	0%	25.3	249	0%	37.4	239	0%	35.9	231	0%	34.7
	55-64	41	0%	8.0	32	0%	5.9	37	0%	6.6	45	0%	7.9	61	0%	10.7
	65+	9	0%	1.8	11	0%	2.1	15	0%	2.7	15	0%	2.6	12	0%	2.1
	Unknown	21	0%	---	12	0%	---	14	0%	---	8	0%	---	<5	---	---
Total**	8,227	19%	179.2	8,054	19%	172.8	11,408	21%	242.7	11,351	22%	238.8	11,256	23%	236.8	
Female	10-14	424	1%	144.8	398	1%	129.1	463	1%	147.4	424	1%	133.7	385	1%	121.4
	15-19	13,716	31%	4372.3	12,789	30%	3997.1	15,694	29%	4938.3	13,742	27%	4338.2	12,263	25%	3871.3
	20-24	13,319	30%	4222.7	13,261	31%	4055.6	16,858	31%	5056.5	15,954	32%	4707.8	15,455	32%	4560.5
	25-29	4,559	10%	1461.0	4,392	10%	1388.7	5,375	10%	1691.7	5,275	10%	1660.0	5,267	11%	1657.5
	30-34	1,785	4%	581.9	1,763	4%	556.8	2,193	4%	684.6	2,134	4%	661.5	2,138	4%	662.8
	35-39	740	2%	222.2	746	2%	223.9	861	2%	266.4	854	2%	267.7	878	2%	275.2
	40-44	291	1%	87.8	270	1%	79.9	407	1%	117.9	384	1%	110.3	392	1%	112.6
	45-54	182	0%	26.5	201	0%	28.6	255	0%	36.3	294	1%	41.9	286	1%	40.8
	55-64	36	0%	6.3	41	0%	6.8	42	0%	6.7	56	0%	8.9	55	0%	8.7
	65+	6	0%	0.9	5	0%	0.7	7	0%	1.0	9	0%	1.2	13	0%	1.7
	Unknown	132	0%	---	40	0%	---	31	0%	---	13	0%	---	10	0%	---
Total**	35,229	81%	735.4	33,923	80%	692.3	42,202	78%	852.5	39,155	77%	783.2	37,144	77%	743.0	

\*Rate per 100,000 population.

\*\* Total includes cases with age less than 10.

Continued

**Table 18. N. C. Chlamydia Cases by Gender and Age, 2009-2013 (Cont.)**

Age		2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012	2013	2013	2013
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
<b>Total***</b>	<b>10-14</b>	448	1%	74.5	419	1%	66.4	499	1%	77.7	454	1%	70.0	417	1%	64.3
	<b>15-19</b>	15,720	36%	2435.3	14,832	35%	2257.4	18,444	34%	2822.0	16,267	32%	2500.1	14,423	30%	2216.7
	<b>20-24</b>	16,619	38%	2489.4	16,472	39%	2467.8	21,675	40%	3195.3	20,639	41%	2960.2	20,261	42%	2905.9
	<b>25-29</b>	6,152	14%	975.3	5,845	14%	927.5	7,379	14%	1170.0	7,421	15%	1172.9	7,408	15%	1170.9
	<b>30-34</b>	2,478	6%	409.8	2,424	6%	388.4	3,148	6%	498.9	3,124	6%	492.2	3,173	7%	499.9
	<b>35-39</b>	1,122	3%	169.4	1,142	3%	173.9	1,334	2%	209.9	1,347	3%	215.0	1,368	3%	218.3
	<b>40-44</b>	497	1%	75.8	487	1%	72.9	682	1%	100.3	657	1%	95.8	693	1%	101.0
	<b>45-54</b>	336	1%	25.2	370	1%	27.1	504	1%	36.8	533	1%	39.0	517	1%	37.8
	<b>55-64</b>	77	0%	7.1	73	0%	6.4	79	0%	6.7	101	0%	8.4	116	0%	9.7
	<b>65+</b>	15	0%	1.3	16	0%	1.3	22	0%	1.7	24	0%	1.8	25	0%	1.9
	<b>Unknown</b>	210	0%	---	64	0%	---	57	0%	---	24	0%	---	12	0%	---
<b>Total**</b>	43,734	100%	466.2	42,167	100%	441.1	53,854	100%	558.0	50,621	100%	519.1	48,417	100%	496.5	

\*Rate per 100,000 population.

\*\* Total includes cases with age less than 10.

\*\*\* Total includes cases with unknown gender.

**Table 19. N. C. Gonorrhea Cases by Gender and Race/Ethnicity, 2009-2013**

Race/Ethnicity		2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012	2013	2013	2013
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
<b>Male</b>	<b>White**</b>	440	3%	14.2	394	3%	12.8	514	3%	16.6	493	3%	15.8	654	5%	21.0
	<b>Black**</b>	3,958	27%	416.4	3,604	25%	368.0	3,913	23%	395.0	3,364	23%	335.0	3,352	25%	333.8
	<b>Am.In/AN**</b>	68	0%	127.5	52	0%	92.9	54	0%	95.8	48	0%	84.6	63	0%	111.1
	<b>Asian/PI**</b>	16	0%	16.0	8	0%	7.3	9	0%	7.8	10	0%	8.3	12	0%	9.9
	<b>Hispanic</b>	136	1%	34.2	147	1%	34.1	172	1%	39.1	144	1%	31.8	167	1%	36.9
	<b>Unknown</b>	1,667	11%	---	1,529	11%	---	2,525	15%	---	2,114	15%	---	1,867	14%	---
	<b>Total</b>	6,285	42%	136.9	5,734	41%	123.0	7,187	42%	152.9	6,173	43%	129.9	6,115	45%	128.7
<b>Female</b>	<b>White**</b>	1,055	7%	32.6	1,067	8%	33.0	1,157	7%	35.6	939	7%	28.7	981	7%	30.0
	<b>Black**</b>	4,949	33%	459.7	5,059	36%	455.3	5,158	30%	458.6	4,212	29%	370.1	4,059	30%	356.6
	<b>Am.In/AN**</b>	130	1%	231.1	116	1%	193.6	144	1%	238.2	111	1%	182.3	107	1%	175.7
	<b>Asian/PI**</b>	27	0%	25.8	27	0%	22.6	23	0%	18.3	33	0%	25.1	22	0%	16.8
	<b>Hispanic</b>	166	1%	51.9	164	1%	43.8	213	1%	55.2	172	1%	43.2	158	1%	39.6
	<b>Unknown</b>	2,089	14%	---	1,903	13%	---	3,195	19%	---	2,635	18%	---	2,214	16%	---
	<b>Total</b>	8,416	57%	175.7	8,336	59%	170.1	9,890	58%	199.8	8,102	57%	162.1	7,541	55%	150.8
<b>Total***</b>	<b>White**</b>	1,503	10%	23.8	1,463	10%	23.2	1,674	10%	26.4	1,435	10%	22.5	1,636	12%	25.6
	<b>Black**</b>	8,940	60%	441.0	8,708	62%	416.6	9,095	53%	429.9	7,591	53%	354.3	7,414	54%	346.1
	<b>Am.In/AN**</b>	199	1%	181.6	168	1%	145.0	198	1%	169.5	159	1%	135.2	170	1%	144.6
	<b>Asian/PI**</b>	43	0%	21.1	35	0%	15.3	32	0%	13.3	43	0%	17.1	34	0%	13.5
	<b>Hispanic</b>	304	2%	42.4	313	2%	38.8	387	2%	46.8	316	2%	37.1	325	2%	38.2
	<b>Unknown</b>	3,822	26%	---	3,466	24%	---	5,772	34%	---	4,780	33%	---	4,086	30%	---
	<b>Total</b>	14,811	100%	157.9	14,153	100%	148.0	17,158	100%	177.8	14,324	100%	146.9	13,665	100%	140.1

\*Rate per 100,000 population.

\*\*Non Hispanic; Am. In/AN= American Indian/Alaskan Native; Asian/PI= Asian/Pacific Islander.

\*\*\* Total includes cases with unknown gender.

**Table 20. N. C. Gonorrhea Cases by Gender and Age, 2009-2013**

Age		2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012	2013	2013	2013
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	10-14	16	0%	5.2	17	0%	5.3	9	0%	2.7	12	0%	3.6	17	0%	5.1
	15-19	1,218	8%	367.1	1,079	8%	320.1	1,279	7%	380.9	1,011	7%	302.8	880	6%	263.6
	20-24	2,132	14%	605.4	2,077	15%	610.0	2,726	16%	790.3	2,291	16%	639.3	2,258	17%	630.1
	25-29	1,178	8%	369.6	1,066	8%	339.6	1,344	8%	429.4	1,173	8%	372.5	1,204	9%	382.3
	30-34	643	4%	215.9	602	4%	195.8	682	4%	219.5	672	5%	215.3	651	5%	208.5
	35-39	391	3%	118.7	319	2%	98.6	389	2%	124.6	340	2%	110.6	365	3%	118.7
	40-44	264	2%	81.4	247	2%	74.8	296	2%	88.3	255	2%	75.5	265	2%	78.5
	45-54	315	2%	48.6	229	2%	34.4	334	2%	50.1	310	2%	46.6	342	3%	51.4
	55-64	81	1%	15.8	70	0%	12.8	88	1%	15.7	81	1%	14.3	94	1%	16.6
	65+	22	0%	4.4	20	0%	3.8	26	0%	4.8	21	0%	3.6	34	0%	5.9
	Unknown	18	0%	---	8	0%	---	7	0%	---	<5	---	---	<5	---	---
Total**	6,285	42%	136.9	5,734	41%	123.0	7,187	42%	152.9	6,173	43%	129.9	6,115	45%	128.7	
Female	10-14	95	1%	32.4	83	1%	26.9	93	1%	29.6	100	1%	31.5	67	0%	21.1
	15-19	2,940	20%	937.2	2,838	20%	887.0	3,253	19%	1023.6	2,451	17%	773.8	2,179	16%	687.9
	20-24	3,113	21%	986.9	3,191	23%	975.9	3,892	23%	1167.4	3,142	22%	927.2	2,950	22%	870.5
	25-29	1,248	8%	399.9	1,222	9%	386.4	1,484	9%	467.1	1,305	9%	410.7	1,259	9%	396.2
	30-34	520	4%	169.5	548	4%	173.1	598	3%	186.7	587	4%	182.0	563	4%	174.5
	35-39	247	2%	74.2	253	2%	75.9	280	2%	86.6	261	2%	81.8	280	2%	87.8
	40-44	114	1%	34.4	85	1%	25.2	159	1%	46.1	141	1%	40.5	123	1%	35.3
	45-54	77	1%	11.2	90	1%	12.8	104	1%	14.8	87	1%	12.4	96	1%	13.7
	55-64	14	0%	2.5	5	0%	0.8	17	0%	2.7	22	0%	3.5	15	0%	2.4
	65+	<5	---	---	0	0%	0.0	<5	---	---	0	0%	0.0	<5	---	---
	Unknown	38	0%	---	13	0%	---	<5	---	---	<5	---	---	<5	---	---
Total**	8,416	57%	175.7	8,336	59%	170.1	9,890	58%	199.8	8,102	57%	162.1	7,541	55%	150.8	

Continued

\*Rate per 100,000 population.

\*\* Total includes cases with age less than 10.

**Table 20. N. C. Gonorrhea Cases by Gender and Age, 2009-2013 (Cont.)**

Age		2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012	2013	2013	2013
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
<b>Total***</b>	<b>10-14</b>	111	1%	18.5	100	1%	15.8	103	1%	16.0	112	1%	17.3	84	1%	13.0
	<b>15-19</b>	4,177	28%	647.1	3,936	28%	599.1	4,553	27%	696.6	3,469	24%	533.2	3,062	22%	470.6
	<b>20-24</b>	5,286	36%	791.8	5,297	37%	793.6	6,649	39%	980.2	5,453	38%	782.1	5,212	38%	747.5
	<b>25-29</b>	2,441	16%	387.0	2,300	16%	365.0	2,839	17%	450.1	2,485	17%	392.8	2,465	18%	389.6
	<b>30-34</b>	1,170	8%	193.5	1,160	8%	185.9	1,284	7%	203.5	1,265	9%	199.3	1,214	9%	191.3
	<b>35-39</b>	640	4%	96.6	577	4%	87.9	670	4%	105.4	604	4%	96.4	645	5%	102.9
	<b>40-44</b>	381	3%	58.1	333	2%	49.9	457	3%	67.2	398	3%	58.0	388	3%	56.6
	<b>45-54</b>	393	3%	29.4	320	2%	23.4	441	3%	32.2	399	3%	29.2	438	3%	32.1
	<b>55-64</b>	95	1%	8.8	75	1%	6.5	105	1%	8.8	104	1%	8.7	109	1%	9.1
	<b>65+</b>	23	0%	1.9	20	0%	1.6	29	0%	2.3	21	0%	1.6	36	0%	2.7
	<b>Unknown</b>	78	1%	---	26	0%	---	15	0%	---	6	0%	---	5	0%	---
<b>Total**</b>	<b>14,811</b>	<b>100%</b>	<b>157.9</b>	<b>14,153</b>	<b>100%</b>	<b>148.0</b>	<b>17,158</b>	<b>100%</b>	<b>177.8</b>	<b>14,324</b>	<b>100%</b>	<b>146.9</b>	<b>13,665</b>	<b>100%</b>	<b>140.1</b>	

\*Rate per 100,000 population.

\*\* Total includes cases with age less than 10.

\*\*\* Total includes cases with unknown gender.



**Table 21. N. C. Primary and Secondary Syphilis Cases by Gender and Race/Ethnicity, by Year of Diagnosis 2009-2013**

Race/Ethnicity		2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012	2013	2013	2013
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
<b>Male</b>	<b>White**</b>	84	16%	2.7	47	12%	1.5	81	21%	2.6	59	18%	1.9	105	25%	3.4
	<b>Black**</b>	318	59%	33.5	270	69%	27.6	263	67%	26.5	212	63%	21.1	249	59%	24.8
	<b>Am.In/AN**</b>	<5	---	---	<5	---	---	<5	---	---	<5	---	---	<5	---	---
	<b>Asian/PI**</b>	<5	---	---	<5	---	---	<5	---	---	<5	---	---	0	0%	0.0
	<b>Hispanic</b>	18	3%	4.5	13	3%	3.0	8	2%	1.8	13	4%	2.9	13	3%	2.9
	<b>Unknown</b>	6	1%	---	10	3%	---	8	2%	---	11	3%	---	14	3%	---
	<b>Total</b>	431	80%	9.4	342	87%	7.3	363	93%	7.7	299	90%	6.3	385	91%	8.1
<b>Female</b>	<b>White**</b>	24	4%	0.7	10	3%	0.3	<5	---	---	5	1%	0.2	5	1%	0.2
	<b>Black**</b>	75	14%	7.0	40	10%	3.6	26	7%	2.3	24	7%	2.1	29	7%	2.5
	<b>Am.In/AN**</b>	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	<b>Asian/PI**</b>	0	0%	0.0	0	0%	0.0	0	0%	0.0	<5	---	---	0	0%	0.0
	<b>Hispanic</b>	5	1%	1.6	0	0%	0.0	0	0%	0.0	<5	---	---	<5	---	---
	<b>Unknown</b>	<5	---	---	0	0%	---	<5	---	---	<5	---	---	<5	---	---
	<b>Total</b>	105	20%	2.2	50	13%	1.0	29	7%	0.6	35	10%	0.7	38	9%	0.8
<b>Total</b>	<b>White**</b>	108	20%	1.7	57	15%	0.9	83	21%	1.3	64	19%	1.0	110	26%	1.7
	<b>Black**</b>	393	73%	19.4	310	79%	14.8	289	74%	13.7	236	71%	11.0	278	66%	13.0
	<b>Am.In/AN**</b>	<5	---	---	<5	---	---	<5	---	---	<5	---	---	<5	---	---
	<b>Asian/PI**</b>	<5	---	---	<5	---	---	<5	---	---	<5	---	---	0	0%	0.0
	<b>Hispanic</b>	23	4%	3.2	13	3%	1.6	8	2%	1.0	14	4%	1.6	14	3%	1.6
	<b>Unknown</b>	7	1%	---	10	3%	---	9	2%	---	15	4%	---	17	4%	---
	<b>Total</b>	536	100%	5.7	392	100%	4.1	392	100%	4.1	334	100%	3.4	423	100%	4.3

\*Rate per 100,000 population.

\*\*Non Hispanic; Am. In/AN= American Indian/Alaskan Native; Asian/PI= Asian/Pacific Islander.

**Table 22. N. C. Primary and Secondary Syphilis Cases by Gender and Age, by Year of Diagnosis 2009-2013**

Age		2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012	2013	2013	2013
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	10-14	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	15-19	31	6%	9.3	18	5%	5.3	32	8%	9.5	9	3%	2.7	15	4%	4.5
	20-24	99	18%	28.1	92	23%	27.0	112	29%	32.5	93	28%	26.0	101	24%	28.2
	25-29	84	16%	26.4	76	19%	24.2	71	18%	22.7	58	17%	18.4	87	21%	27.6
	30-34	47	9%	15.8	48	12%	15.6	39	10%	12.6	33	10%	10.6	43	10%	13.8
	35-39	43	8%	13.1	24	6%	7.4	28	7%	9.0	27	8%	8.8	34	8%	11.1
	40-44	38	7%	11.7	33	8%	10.0	28	7%	8.4	19	6%	5.6	37	9%	11.0
	45-54	64	12%	9.9	41	10%	6.2	39	10%	5.9	44	13%	6.6	47	11%	7.1
	55-64	24	4%	4.7	8	2%	1.5	12	3%	2.1	12	4%	2.1	17	4%	3.0
	65+	<5	---	---	<5	---	---	<5	---	---	<5	---	---	<5	---	---
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total**</b>	431	80%	9.4	342	87%	7.3	363	93%	7.7	299	90%	6.3	385	91%	8.1	
Female	10-14	<5	---	---	0	0%	0.0	1	0%	0.3	0	0%	0.0	0	0%	0.0
	15-19	13	2%	4.1	6	2%	1.9	5	1%	1.6	7	2%	2.2	<5	---	---
	20-24	31	6%	9.8	14	4%	4.3	7	2%	2.1	11	3%	3.2	12	3%	3.5
	25-29	23	4%	7.4	6	2%	1.9	6	2%	1.9	6	2%	1.9	5	1%	1.6
	30-34	13	2%	4.2	5	1%	1.6	<5	---	---	<5	---	---	<5	---	---
	35-39	9	2%	2.7	5	1%	1.5	<5	---	---	<5	---	---	<5	---	---
	40-44	<5	---	---	8	2%	2.4	0	0%	0.0	<5	---	---	<5	---	---
	45-54	12	2%	1.7	6	2%	0.9	<5	---	---	<5	---	---	<5	---	---
	55-64	<5	---	---	0	0%	0.0	<5	---	---	0	0%	0.0	<5	---	---
	65+	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0	<5	---	---
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total**</b>	105	20%	2.2	50	13%	1.0	29	7%	0.6	35	10%	0.7	38	9%	0.8	

\*Rate per 100,000 population.

\*\* Total includes cases with age less than 10.

Continued

**Table 22. N. C. Primary and Secondary Syphilis Cases by Gender and Age, by Year of Diagnosis 2009-2013 (Cont.)**

Age		2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012	2013	2013	2013
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Total	10-14	<5	---	---	0	0%	0.0	<5	---	---	0	0%	0.0	0	0%	0.0
	15-19	44	8%	6.8	24	6%	3.7	37	9%	5.7	16	5%	2.5	18	4%	2.8
	20-24	130	24%	19.5	106	27%	15.9	119	30%	17.5	104	31%	14.9	113	27%	16.2
	25-29	107	20%	17.0	82	21%	13.0	77	20%	12.2	64	19%	10.1	92	22%	14.5
	30-34	60	11%	9.9	53	14%	8.5	41	10%	6.5	37	11%	5.8	47	11%	7.4
	35-39	52	10%	7.8	29	7%	4.4	32	8%	5.0	30	9%	4.8	38	9%	6.1
	40-44	40	7%	6.1	41	10%	6.1	28	7%	4.1	21	6%	3.1	41	10%	6.0
	45-54	76	14%	5.7	47	12%	3.4	42	11%	3.1	46	14%	3.4	49	12%	3.6
	55-64	25	5%	2.3	8	2%	0.7	13	3%	1.1	12	4%	1.0	20	5%	1.7
	65+	<5	---	---	<5	---	---	<5	---	---	<5	---	---	5	1%	0.4
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total**</b>	<b>536</b>	<b>100%</b>	<b>5.7</b>	<b>392</b>	<b>100%</b>	<b>4.1</b>	<b>392</b>	<b>100%</b>	<b>4.1</b>	<b>334</b>	<b>100%</b>	<b>3.4</b>	<b>423</b>	<b>100%</b>	<b>4.3</b>	

\*Rate per 100,000 population.

\*\* Total includes cases with age less than 10.

**Table 23. N. C. Early Syphilis (Primary, Secondary, Early Latent) Cases by Gender and Race/Ethnicity, by Year of Diagnosis 2009-2013**

Race/Ethnicity		2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012	2013	2013	2013
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
<b>Male</b>	<b>White**</b>	126	14%	4.1	96	14%	3.1	126	18%	4.1	88	16%	2.8	152	22%	4.9
	<b>Black**</b>	497	57%	52.3	451	64%	46.1	446	63%	45.0	370	66%	36.8	379	56%	37.7
	<b>Am.In/AN**</b>	<5	---	---	<5	---	---	<5	---	---	<5	---	---	<5	---	---
	<b>Asian/PI**</b>	<5	---	---	<5	---	---	<5	---	---	<5	---	---	<5	---	---
	<b>Hispanic</b>	26	3%	6.5	17	2%	3.9	23	3%	5.2	19	3%	4.2	25	4%	5.5
	<b>Unknown</b>	8	1%	---	15	2%	---	17	2%	---	15	3%	---	24	4%	---
	<b>Total</b>	664	76%	14.5	585	83%	12.6	618	87%	13.1	498	89%	10.5	585	86%	12.3
<b>Female</b>	<b>White**</b>	49	6%	1.5	24	3%	0.7	9	1%	0.3	10	2%	0.3	11	2%	0.3
	<b>Black**</b>	143	16%	13.3	97	14%	8.7	71	10%	6.3	41	7%	3.6	67	10%	5.9
	<b>Am.In/AN**</b>	<5	---	---	0	0%	0.0	<5	---	---	<5	---	---	<5	---	---
	<b>Asian/PI**</b>	<5	---	---	<5	---	---	0	0%	0.0	<5	---	---	<5	---	---
	<b>Hispanic</b>	14	2%	4.4	<5	---	---	6	1%	1.6	<5	---	---	7	1%	1.8
	<b>Unknown</b>	<5	---	---	0	0%	---	<5	---	---	6	1%	---	5	1%	---
	<b>Total</b>	209	24%	4.4	123	17%	2.5	90	13%	1.8	63	11%	1.3	92	14%	1.8
<b>Total</b>	<b>White**</b>	175	20%	2.8	120	17%	1.9	135	19%	2.1	98	17%	1.5	163	24%	2.6
	<b>Black**</b>	640	73%	31.6	548	77%	26.2	517	73%	24.4	411	73%	19.2	446	66%	20.8
	<b>Am.In/AN**</b>	5	1%	4.6	<5	---	---	5	1%	4.3	5	1%	4.3	5	1%	4.3
	<b>Asian/PI**</b>	<5	---	---	<5	---	---	<5	---	---	<5	---	---	<5	---	---
	<b>Hispanic</b>	40	5%	5.6	18	3%	2.2	29	4%	3.5	23	4%	2.7	32	5%	3.8
	<b>Unknown</b>	9	1%	---	15	2%	---	20	3%	---	21	4%	---	29	4%	---
	<b>Total</b>	873	100%	9.3	708	100%	7.4	708	100%	7.3	561	100%	5.8	677	100%	6.9

\*Rate per 100,000 population.

\*\*Non Hispanic; Am. In/AN= American Indian/Alaskan Native; Asian/PI= Asian/Pacific Islander.

**Table 24. N. C. Early Syphilis (Primary, Secondary, Early Latent) Cases by Gender and Age, by Year of Diagnosis 2009-2013**

Age		2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012	2013	2013	2013
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	10-14	0	0%	0.0	0	0%	0.0	<5	---	---	0	0%	0.0	0	0%	0.0
	15-19	48	5%	14.5	33	5%	9.8	51	7%	15.2	19	3%	5.7	19	3%	5.7
	20-24	142	16%	40.3	151	21%	44.3	177	25%	51.3	145	26%	40.5	157	23%	43.8
	25-29	128	15%	40.2	119	17%	37.9	126	18%	40.3	102	18%	32.4	121	18%	38.4
	30-34	79	9%	26.5	70	10%	22.8	74	10%	23.8	56	10%	17.9	75	11%	24.0
	35-39	74	8%	22.5	45	6%	13.9	45	6%	14.4	46	8%	15.0	56	8%	18.2
	40-44	67	8%	20.7	61	9%	18.5	48	7%	14.3	41	7%	12.1	60	9%	17.8
	45-54	94	11%	14.5	79	11%	11.9	71	10%	10.7	69	12%	10.4	66	10%	9.9
	55-64	30	3%	5.8	19	3%	3.5	21	3%	3.7	14	2%	2.5	27	4%	4.8
	65+	<5	---	---	8	1%	1.5	<5	---	---	5	1%	0.9	<5	---	---
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total**</b>	664	76%	14.5	585	83%	12.6	618	87%	13.1	498	89%	10.5	585	86%	12.3	
Female	10-14	<5	---	---	<5	---	---	<5	---	---	0	0%	0.0	0	0%	0.0
	15-19	22	3%	7.0	12	2%	3.8	10	1%	3.1	13	2%	4.1	10	1%	3.2
	20-24	55	6%	17.4	30	4%	9.2	23	3%	6.9	20	4%	5.9	33	5%	9.7
	25-29	49	6%	15.7	17	2%	5.4	11	2%	3.5	8	1%	2.5	9	1%	2.8
	30-34	24	3%	7.8	15	2%	4.7	11	2%	3.4	8	1%	2.5	9	1%	2.8
	35-39	24	3%	7.2	15	2%	4.5	9	1%	2.8	6	1%	1.9	10	1%	3.1
	40-44	11	1%	3.3	14	2%	4.1	8	1%	2.3	5	1%	1.4	9	1%	2.6
	45-54	21	2%	3.1	18	3%	2.6	12	2%	1.7	<5	---	---	7	1%	1.0
	55-64	<5	---	---	0	0%	0.0	<5	---	---	0	0%	0.0	<5	---	---
	65+	0	0%	0.0	<5	---	---	<5	---	---	0	0%	0.0	<5	---	---
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total**</b>	209	24%	4.4	123	17%	2.5	90	13%	1.8	63	11%	1.3	92	14%	1.8	

\*Rate per 100,000 population.

\*\* Total includes cases with age less than 10.

Continued

**Table 24. N. C. Early Syphilis (Primary, Secondary, Early Latent) Cases by Gender and Age, by Year of Diagnosis 2009-2013 (Cont.)**

Age		2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012	2013	2013	2013
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Total	10-14	<5	---	---	<5	---	---	<5	---	---	0	0%	0.0	0	0%	0.0
	15-19	70	8%	10.8	45	6%	6.8	61	9%	9.3	32	6%	4.9	29	4%	4.5
	20-24	197	23%	29.5	181	26%	27.1	200	28%	29.5	165	29%	23.7	190	28%	27.3
	25-29	177	20%	28.1	136	19%	21.6	137	19%	21.7	110	20%	17.4	130	19%	20.5
	30-34	103	12%	17.0	85	12%	13.6	85	12%	13.5	64	11%	10.1	84	12%	13.2
	35-39	98	11%	14.8	60	8%	9.1	54	8%	8.5	52	9%	8.3	66	10%	10.5
	40-44	78	9%	11.9	75	11%	11.2	56	8%	8.2	46	8%	6.7	69	10%	10.1
	45-54	115	13%	8.6	97	14%	7.1	83	12%	6.1	72	13%	5.3	73	11%	5.3
	55-64	32	4%	3.0	19	3%	1.7	25	4%	2.1	14	2%	1.2	31	5%	2.6
	65+	<5	---	---	9	1%	0.7	5	1%	0.4	5	1%	0.4	5	1%	0.4
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total**</b>	873	100%	9.3	708	100%	7.4	708	100%	7.3	561	100%	5.8	677	100%	6.9	

\* Rate per 100,000 population.

\*\* Total includes cases with age less than 10.

**Table 25. N. C. Congenital Syphilis Reports by Race/Ethnicity, by Year of Birth 2004-2013**

Race/Ethnicity	2004		2005		2006		2007		2008	
	Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct
White, non Hispanic	<5	---	<5	---	<5	---	<5	---	<5	---
Black, non Hispanic	5	45%	7	54%	<5	---	<5	---	<5	---
Other	<5	---	<5	---	<5	---	<5	---	5	45%
<b>Total</b>	11	100%	13	100%	7	100%	9	100%	11	100%

Race/Ethnicity	2009		2010		2011		2012		2013	
	Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct
White, non Hispanic	0	0%	<5	---	0	0%	0	0%	<5	---
Black, non Hispanic	8	80%	6	60%	5	83%	<5	---	0	0%
Other	<5	---	<5	---	<5	---	0	0%	0	0%
<b>Total</b>	10	100%	10	100%	6	100%	2	100%	1	100%

**Table 26. N. C. Likely Perinatal HIV Infection<sup>†</sup> Cases, by Year of Birth 2004-2013**

Year of Birth	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Total</b>	4	5	7	9	5	3	0	2	2	1

<sup>†</sup>HIV Infection includes all newly diagnosed HIV infected individuals by the date of first diagnosis of status (HIV or AIDS).

**Table 27. N. C. Regional\* HIV Infection and STD Cases, 2013<sup>P</sup>**

Race/Ethnicity	HIV Infection			Chlamydia			Gonorrhea			Early Syphilis		
	Cases	Pct	Rate***	Cases	Pct	Rate***	Cases	Pct	Rate***	Cases	Pct	Rate***
Unassigned**	53	3%	---	0	0%	---	0	0%	---	0	0%	---
<b>EASTERN</b>	406	27%	14.6	17,214	36%	617.0	4,702	34%	168.5	185	27%	6.6
<b>PIEDMONT</b>	998	65%	17.3	28,402	59%	491.9	8,349	61%	144.6	476	70%	8.2
<b>WESTERN</b>	68	4%	5.7	2,801	6%	235.7	614	4%	51.7	16	2%	1.3
<b>Total</b>	1,525 <sup>P</sup>	100%	15.6 <sup>P</sup>	48,417	100%	496.5	13,665	100%	140.1	677	100%	6.9

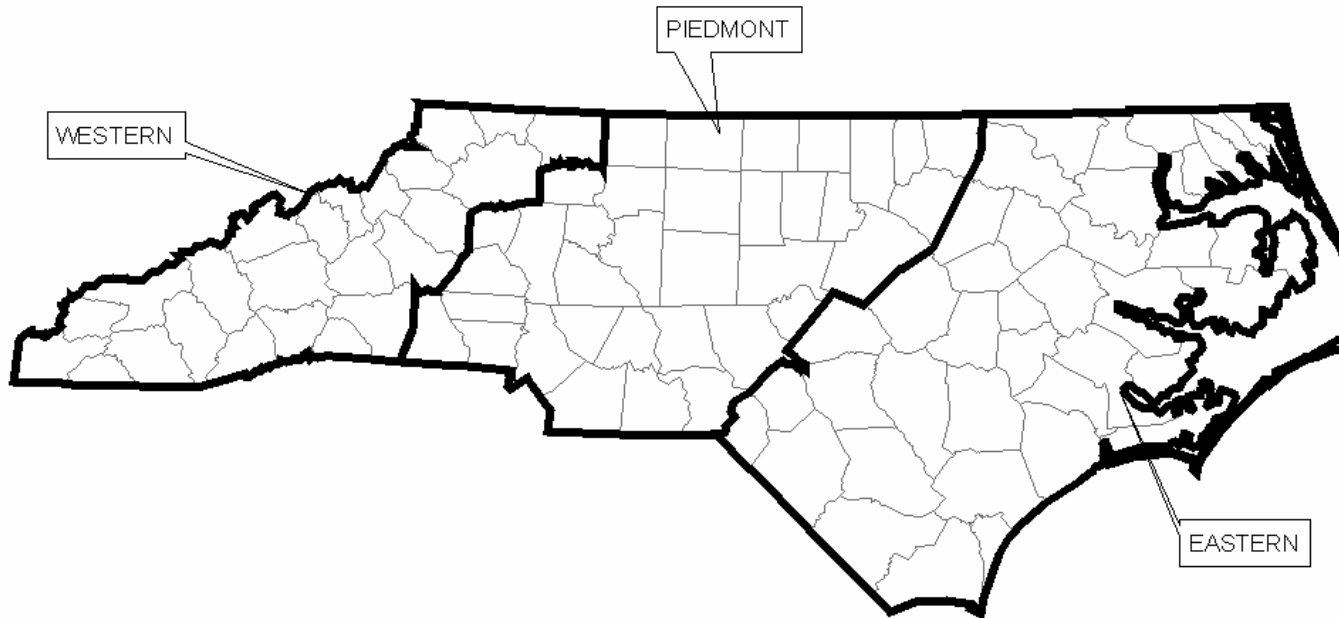
\* Geographic regions as displayed on Back Cover and below.

\*\* Unassigned includes cases with unknown county of residence at diagnosis or cases that were diagnosed at a long-term care facility such as prisons (See Technical Notes).

\*\*\* Rate per 100,000 population.

<sup>P</sup> Note: The 2013 HIV Infection numbers are artificially inflated due to incomplete interstate deduplication (see Technical Notes).

**North Carolina Geographic Regions**





**Table 28. N. C. Regional Adult/Adolescent HIV Infection<sup>†</sup> Cases by Gender and Race/Ethnicity by Year Of Diagnosis, 2013<sup>P</sup>**

Race/Ethnicity		EASTERN			PIEDMONT			WESTERN			TOTAL <sup>***</sup>		
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	White**	61	4%	8.8	210	14%	13.8	39	3%	8.9	318	21%	12.0
	Black**	211	14%	70.9	487	32%	102.2	6	0%	26.0	736	49%	92.3
	Am.In/AN**	<5	---	---	<5	---	---	<5	---	---	7	0%	15.4
	Asian/PI**	<5	---	---	8	1%	10.3	0	0%	0.0	10	1%	10.5
	Hispanic	21	1%	23.8	67	4%	32.7	5	0%	18.7	104	7%	32.5
	Unknown	5	0%	---	8	1%	---	<5	---	---	14	1%	---
	<b>Total</b>	<b>304</b>	<b>20%</b>	<b>27.1</b>	<b>781</b>	<b>52%</b>	<b>34.1</b>	<b>53</b>	<b>4%</b>	<b>10.7</b>	<b>1,189</b>	<b>79%</b>	<b>30.4</b>
Female	White**	21	1%	2.9	26	2%	1.6	5	0%	1.1	53	4%	1.9
	Black**	66	4%	19.3	157	10%	27.3	8	1%	37.3	232	15%	24.7
	Am.In/AN**	<5	---	---	0	0%	0.0	0	0%	0.0	<5	---	---
	Asian/PI**	0	0%	0.0	7	0%	8.5	0	0%	0.0	7	0%	6.6
	Hispanic	8	1%	11.3	12	1%	6.7	<5	---	---	22	1%	8.1
	Unknown	<5	---	---	<5	---	---	0	0%	---	6	0%	---
	<b>Total</b>	<b>101</b>	<b>7%</b>	<b>8.5</b>	<b>206</b>	<b>14%</b>	<b>8.3</b>	<b>15</b>	<b>1%</b>	<b>2.9</b>	<b>324</b>	<b>21%</b>	<b>7.7</b>
Total	White**	82	5%	5.8	236	16%	7.5	44	3%	4.8	371	25%	6.8
	Black**	277	18%	43.3	644	43%	61.2	14	1%	31.4	968	64%	55.8
	Am.In/AN**	8	1%	12.1	<5	---	---	<5	---	---	11	1%	11.5
	Asian/PI**	<5	---	---	15	1%	9.4	0	0%	0.0	17	1%	8.5
	Hispanic	29	2%	18.2	79	5%	20.5	7	0%	14.7	126	8%	21.3
	Unknown	7	0%	---	12	1%	---	<5	---	---	20	1%	---
	<b>Total</b>	<b>405</b>	<b>27%</b>	<b>17.5</b>	<b>987</b>	<b>65%</b>	<b>20.7</b>	<b>68</b>	<b>4%</b>	<b>6.7</b>	<b>1,513<sup>P</sup></b>	<b>100%</b>	<b>18.7<sup>P</sup></b>

<sup>†</sup>HIV Infection includes all newly diagnosed HIV infected individuals by the date of first diagnosis regardless of status (HIV or AIDS).

\* Rate per 100,000 population. \*\*Non Hispanic; Am. In/AN= American Indian/Alaskan Native; Asian/PI= Asian/Pacific Islander.

\*\*\* Total includes 53 cases with unassigned county.

<sup>P</sup> Note: The 2013 HIV Infection numbers are artificially inflated due to incomplete interstate deduplication (see Technical Notes).

**Table 29. N. C. Regional Adult/Adolescent HIV Infection<sup>†</sup> Cases by Gender and Age by Year Of Diagnosis, 2013<sup>P</sup>**

Age	EASTERN			PIEDMONT			WESTERN			TOTAL**			
	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	
Male	13-14	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	15-19	17	1%	17.8	34	2%	17.0	0	0%	0.0	52	3%	15.6
	20-24	66	4%	52.6	177	12%	92.0	5	0%	12.4	249	16%	69.5
	25-29	54	4%	55.3	125	8%	67.5	8	1%	24.9	190	13%	60.3
	30-34	35	2%	39.4	76	5%	40.0	8	1%	24.1	128	8%	41.0
	35-39	24	2%	29.2	71	5%	37.3	7	0%	20.1	108	7%	35.1
	40-44	24	2%	27.8	91	6%	42.8	5	0%	12.9	130	9%	38.5
	45-49	31	2%	35.2	89	6%	43.3	7	0%	17.5	137	9%	41.1
	50-54	24	2%	26.5	49	3%	24.6	5	0%	11.9	85	6%	25.6
	55-59	12	1%	13.9	31	2%	17.7	<5	---	---	47	3%	15.6
	60-64	7	0%	9.0	20	1%	13.5	<5	---	---	31	2%	11.7
	65+	10	1%	5.9	18	1%	5.8	<5	---	---	32	2%	5.5
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total</b>	304	20%	27.1	781	52%	34.1	53	4%	10.7	1,189	79%	30.4	
Female	13-14	0	0%	0.0	<5	---	---	0	0%	0.0	<5	---	---
	15-19	<5	---	---	<5	---	---	0	0%	0.0	7	0%	2.2
	20-24	8	1%	7.5	16	1%	8.2	0	0%	0.0	24	2%	7.1
	25-29	9	1%	9.7	21	1%	10.9	<5	---	---	32	2%	10.1
	30-34	8	1%	9.0	21	1%	10.5	<5	---	---	32	2%	9.9
	35-39	14	1%	16.6	21	1%	10.4	<5	---	---	38	3%	11.9
	40-44	12	1%	13.3	35	2%	15.9	<5	---	---	51	3%	14.6
	45-49	14	1%	15.1	31	2%	14.5	<5	---	---	46	3%	13.2
	50-54	15	1%	15.2	25	2%	11.9	<5	---	---	42	3%	11.9
	55-59	9	1%	9.3	20	1%	10.5	<5	---	---	30	2%	9.0
	60-64	7	0%	8.1	7	0%	4.2	0	0%	0.0	14	1%	4.7
	65+	<5	---	---	<5	---	---	<5	---	---	7	0%	0.9
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total</b>	101	7%	8.5	206	14%	8.3	15	1%	2.9	324	21%	7.7	

<sup>†</sup>HIV Infection includes all newly diagnosed HIV infected individuals by the date of first diagnosis regardless of status (HIV or AIDS). \* Rate per 100,000 population. \*\* Total includes 53 cases with unassigned county.

Continued

**Table 29. N. C. Regional Adult/Adolescent HIV Infection<sup>†</sup> Cases by Gender and Age by Year Of Diagnosis, 2013<sup>P</sup> (Cont.)**

Age	EASTERN			PIEDMONT			WESTERN			TOTAL**			
	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	
Total	13-14	0	0%	0.0	<5	---	---	0	0%	0.0	<5	---	---
	15-19	20	1%	10.9	38	3%	9.7	0	0%	0.0	59	4%	9.1
	20-24	74	5%	31.9	193	13%	49.9	5	0%	6.4	273	18%	39.2
	25-29	63	4%	33.0	146	10%	38.6	10	1%	15.8	222	15%	35.1
	30-34	43	3%	24.2	97	6%	24.8	10	1%	15.1	160	11%	25.2
	35-39	38	3%	22.8	92	6%	23.5	9	1%	13.1	146	10%	23.3
	40-44	36	2%	20.4	126	8%	29.1	9	1%	11.7	181	12%	26.4
	45-49	45	3%	24.9	120	8%	28.6	8	1%	9.9	183	12%	26.9
	50-54	39	3%	20.6	74	5%	18.0	7	0%	8.1	127	8%	18.5
	55-59	21	1%	11.5	51	3%	14.0	<5	---	---	77	5%	12.1
	60-64	14	1%	8.5	27	2%	8.5	<5	---	---	45	3%	8.0
	65+	12	1%	3.1	22	1%	3.0	5	0%	2.2	39	3%	2.9
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total**</b>	405	27%	17.5	987	65%	20.7	68	4%	6.7	1,513 <sup>P</sup>	100%	18.7 <sup>P</sup>	

<sup>†</sup>HIV Infection includes all newly diagnosed HIV infected individuals by the date of first diagnosis regardless of status (HIV or AIDS).

\* Rate per 100,000 population. \*\* Total includes 53 cases with unassigned county.

<sup>P</sup> Note: The 2013 HIV Infection numbers are artificially inflated due to incomplete interstate deduplication (see Technical Notes).

**Table 30. N. C. Regional Adult/Adolescent HIV Disease<sup>†</sup> Cases by Gender and Mode of Transmission, 2013<sup>P</sup>**

Mode of Exposure		EASTERN		PIEDMONT		WESTERN		TOTAL**	
		Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct
Male	MSM*	167	41%	457	46%	25	37%	656	43%
	IDU*	<5	---	12	1%	<5	---	22	1%
	MSM/IDU*	<5	---	17	2%	7	10%	27	2%
	Other Risk*	0	0%	0	0%	0	0%	0%	0%
	Heterosexual-CDC*	13	3%	23	2%	<5	---	41	3%
	NIR/NRR*	89	22%	211	21%	13	19%	337	22%
	Presumed Heterosexual*	29	7%	61	6%	<5	---	106	7%
	<b>Total</b>	<b>304</b>	<b>75%</b>	<b>781</b>	<b>79%</b>	<b>53</b>	<b>78%</b>	<b>1189</b>	<b>79%</b>
Female	IDU*	6	1%	6	1%	<5	---	14	1%
	Other Risk*	0	0%	0	0%	0	0%	0%	0%
	Heterosexual-CDC*	23	6%	46	5%	<5	---	70	5%
	NIR/NRR*	49	12%	116	12%	10	15%	175	12%
	Presumed Heterosexual*	23	6%	38	4%	<5	---	65	4%
	<b>Total</b>	<b>101</b>	<b>25%</b>	<b>206</b>	<b>21%</b>	<b>15</b>	<b>22%</b>	<b>324</b>	<b>21%</b>
Total	MSM*	167	41%	457	46%	25	37%	656	43%
	IDU*	9	2%	18	2%	5	7%	36	2%
	MSM/IDU*	<5	---	17	2%	7	10%	27	2%
	Other Risk*	0	0%	0	0%	0	0%	0%	0%
	Heterosexual-CDC*	36	9%	69	7%	5	7%	111	7%
	NIR/NRR*	138	34%	327	33%	23	34%	512	34%
	Presumed Heterosexual*	52	13%	99	10%	<5	---	171	11%
	<b>Total</b>	<b>405</b>	<b>100%</b>	<b>987</b>	<b>100%</b>	<b>68</b>	<b>100%</b>	<b>1513<sup>P</sup></b>	<b>100%</b>

<sup>†</sup>HIV Disease includes all newly diagnosed HIV infected individuals by the date of first diagnosis regardless of status (HIV or AIDS). \*MSM= men who have sex with men; IDU= injection drug use; "Other Risk" includes Blood Products (adult hemophilia) and pediatric cases; "Presumed Heterosexual" includes cases initially classified as "NIR" with additional risk information consistent with heterosexual transmission; NIR= no identified risk reported. \*\*Total includes 53 cases with Unassigned County.

<sup>P</sup> Note: The 2013 HIV Infection numbers are artificially inflated due to incomplete interstate deduplication (see Technical Notes).

**Table 31. N. C. Regional Chlamydia Cases by Gender and Race/Ethnicity, 2013**

Race/Ethnicity		EASTERN			PIEDMONT			WESTERN			TOTAL		
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	White**	348	1%	42.6	760	2%	42.3	273	1%	54.2	1,381	3%	44.3
	Black**	950	2%	254.5	3,333	7%	552.8	125	0%	443.5	4,408	9%	438.9
	Am.In/AN**	31	0%	78.8	52	0%	451.5	7	0%	119.2	90	0%	158.7
	Asian/PI**	10	0%	58.9	29	0%	29.6	<5	---	---	40	0%	33.2
	Hispanic	102	0%	82.5	450	1%	154.6	31	0%	82.4	583	1%	128.9
	Unknown	2,167	4%	---	2,476	5%	---	111	0%	---	4,754	10%	---
	<b>Total</b>	<b>3,608</b>	<b>7%</b>	<b>263.5</b>	<b>7,100</b>	<b>15%</b>	<b>253.4</b>	<b>548</b>	<b>1%</b>	<b>94.2</b>	<b>11,256</b>	<b>23%</b>	<b>236.8</b>
Female	White**	2,256	5%	269.6	3,519	7%	185.5	1,339	3%	249.6	7,114	15%	217.5
	Black**	5,945	12%	1435.8	8,798	18%	1260.9	332	1%	1261.5	15,075	31%	1324.6
	Am.In/AN**	332	1%	779.7	204	0%	1683.9	28	0%	451.3	564	1%	926.1
	Asian/PI**	57	0%	261.9	131	0%	127.5	22	0%	323.3	210	0%	160.0
	Hispanic	545	1%	518.5	1,632	3%	622.0	141	0%	453.3	2,318	5%	581.6
	Unknown	4,461	9%	---	7,011	14%	---	391	1%	---	11,863	25%	---
	<b>Total</b>	<b>13,596</b>	<b>28%</b>	<b>957.2</b>	<b>21,295</b>	<b>44%</b>	<b>716.6</b>	<b>2,253</b>	<b>5%</b>	<b>371.3</b>	<b>37,144</b>	<b>77%</b>	<b>743.0</b>
Total	White**	2,605	5%	157.6	4,280	9%	115.8	1,612	3%	154.9	8,497	18%	133.0
	Black**	6,895	14%	875.8	12,132	25%	932.8	457	1%	838.5	19,484	40%	909.4
	Am.In/AN**	363	1%	443.2	256	1%	1083.3	35	0%	289.8	654	1%	556.1
	Asian/PI**	67	0%	173.0	160	0%	79.8	23	0%	182.1	250	1%	99.2
	Hispanic	647	1%	282.9	2,083	4%	376.4	172	0%	250.3	2,902	6%	341.1
	Unknown	6,637	14%	---	9,491	20%	---	502	1%	---	16,630	34%	---
	<b>Total***</b>	<b>17,214</b>	<b>36%</b>	<b>617.0</b>	<b>28,402</b>	<b>59%</b>	<b>491.9</b>	<b>2,801</b>	<b>6%</b>	<b>235.7</b>	<b>48,417</b>	<b>100%</b>	<b>496.5</b>

\* Rate per 100,000 population.

\*\*Non Hispanic; Am. In/AN= American Indian/Alaskan Native; Asian/PI= Asian/Pacific Islander.

\*\*\* Total includes cases with unknown gender.

**Table 32. N. C. Regional Chlamydia Cases by Gender and Age, 2013**

Age	EASTERN			PIEDMONT			WESTERN			TOTAL			
	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	
Male	10-14	12	0%	13.0	17	0%	8.4	3	0%	8.4	32	0%	9.7
	15-19	615	1%	644.1	1,415	3%	708.4	125	0%	323.4	2,155	4%	645.4
	20-24	1,699	4%	1354.8	2,884	6%	1498.3	217	0%	536.5	4,800	10%	1339.5
	25-29	700	1%	716.8	1,322	3%	713.9	115	0%	358.4	2,137	4%	678.6
	30-34	307	1%	345.4	686	1%	360.9	42	0%	126.5	1,035	2%	331.6
	35-39	130	0%	157.9	340	1%	178.6	19	0%	54.6	489	1%	159.0
	40-44	75	0%	86.9	214	0%	100.7	11	0%	28.4	300	1%	88.9
	45-49	32	0%	36.4	108	0%	52.6	10	0%	25.0	150	0%	45.0
	50-54	17	0%	18.8	60	0%	30.1	<5	---	---	81	0%	24.4
	55-59	11	0%	12.8	34	0%	19.5	<5	---	---	47	0%	15.6
	60-64	7	0%	9.0	7	0%	4.7	0	0%	0.0	14	0%	5.3
	65+	<5	---	---	11	0%	3.5	0	0%	0.0	12	0%	2.1
	Unknown	<5	---	---	<5	---	---	0	0%	---	<5	---	---
<b>Total**</b>	<b>3,608</b>	<b>7%</b>	<b>263.5</b>	<b>7,100</b>	<b>15%</b>	<b>253.4</b>	<b>548</b>	<b>1%</b>	<b>94.2</b>	<b>11,256</b>	<b>23%</b>	<b>236.8</b>	
Female	10-14	134	0%	151.1	237	0%	121.8	14	0%	41.3	385	1%	121.4
	15-19	4,403	9%	4964.2	7,102	15%	3687.3	758	2%	2137.4	12,263	25%	3871.3
	20-24	5,650	12%	5290.3	8,828	18%	4550.4	977	2%	2565.4	15,455	32%	4560.5
	25-29	2,002	4%	2148.9	2,943	6%	1521.0	322	1%	1034.9	5,267	11%	1657.5
	30-34	810	2%	908.8	1,218	3%	607.1	110	0%	335.1	2,138	4%	662.8
	35-39	307	1%	364.3	528	1%	262.6	43	0%	127.7	878	2%	275.2
	40-44	145	0%	161.2	233	0%	105.8	14	0%	36.7	392	1%	112.6
	45-49	72	0%	77.6	110	0%	51.4	7	0%	17.3	189	0%	54.4
	50-54	39	0%	39.5	52	0%	24.7	6	0%	13.6	97	0%	27.4
	55-59	15	0%	15.5	21	0%	11.0	<5	---	---	38	0%	11.4
	60-64	9	0%	10.4	8	0%	4.8	0	0%	0.0	17	0%	5.7
	65+	6	0%	2.7	7	0%	1.7	0	0%	0.0	13	0%	1.7
	Unknown	<5	---	---	7	0%	---	0	0%	---	10	0%	---
<b>Total**</b>	<b>13,596</b>	<b>28%</b>	<b>957.2</b>	<b>21,295</b>	<b>44%</b>	<b>716.6</b>	<b>2,253</b>	<b>5%</b>	<b>371.3</b>	<b>37,144</b>	<b>77%</b>	<b>743.0</b>	

\* Rate per 100,000 population.

\*\* Total includes cases with age less than 10.

Continued

**Table 32. N. C. Regional Chlamydia Cases by Gender and Age, 2013 (Cont.)**

Age	EASTERN			PIEDMONT			WESTERN			TOTAL			
	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	
<b>Total***</b>	<b>10-14</b>	146	0%	80.6	254	1%	63.9	17	0%	24.4	417	1%	64.3
	<b>15-19</b>	5,020	10%	2725.6	8,520	18%	2171.5	883	2%	1191.3	14,423	30%	2216.7
	<b>20-24</b>	7,353	15%	3166.6	11,714	24%	3030.8	1,194	2%	1520.4	20,261	42%	2905.9
	<b>25-29</b>	2,705	6%	1417.6	4,266	9%	1126.6	437	1%	691.5	7,408	15%	1170.9
	<b>30-34</b>	1,117	2%	627.5	1,904	4%	487.3	152	0%	230.2	3,173	7%	499.9
	<b>35-39</b>	438	1%	262.9	868	2%	221.7	62	0%	90.6	1,368	3%	218.3
	<b>40-44</b>	220	0%	124.8	448	1%	103.5	25	0%	32.5	693	1%	101.0
	<b>45-49</b>	104	0%	57.5	218	0%	52.0	17	0%	21.1	339	1%	49.8
	<b>50-54</b>	56	0%	29.6	112	0%	27.3	10	0%	11.6	178	0%	26.0
	<b>55-59</b>	26	0%	14.2	55	0%	15.0	<5	---	---	85	0%	13.4
	<b>60-64</b>	16	0%	9.7	15	0%	4.7	0	0%	0.0	31	0%	5.5
	<b>65+</b>	7	0%	1.8	18	0%	2.5	0	0%	0.0	25	0%	1.9
	<b>Unknown</b>	<5	---	---	8	0%	---	0	0%	---	12	0%	---
<b>Total**</b>	17,214	36%	617.0	28,402	59%	491.9	2,801	6%	235.7	48,417	100%	496.5	

\* Rate per 100,000 population.

\*\* Total includes cases with age less than 10.

\*\*\* Total includes cases with unknown gender.

**Table 33. N. C. Regional Gonorrhea Cases by Gender and Race/Ethnicity, 2013**

Race/Ethnicity		EASTERN			PIEDMONT			WESTERN			TOTAL		
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	White**	155	1%	19.0	348	3%	19.3	151	1%	30.0	654	5%	21.0
	Black**	995	7%	266.6	2,252	16%	373.5	105	1%	372.5	3,352	25%	333.8
	Am.In/AN**	33	0%	83.9	30	0%	260.5	0	0%	0.0	63	0%	111.1
	Asian/PI**	<5	---	---	7	0%	7.2	<5	---	---	12	0%	9.9
	Hispanic	42	0%	34.0	114	1%	39.2	11	0%	29.2	167	1%	36.9
	Unknown	775	6%	---	1,068	8%	---	24	0%	---	1,867	14%	---
	<b>Total</b>	<b>2,003</b>	<b>15%</b>	<b>146.3</b>	<b>3,819</b>	<b>28%</b>	<b>136.3</b>	<b>293</b>	<b>2%</b>	<b>50.4</b>	<b>6,115</b>	<b>45%</b>	<b>128.7</b>
Female	White**	309	2%	36.9	507	4%	26.7	165	1%	30.8	981	7%	30.0
	Black**	1,419	10%	342.7	2,536	19%	363.5	104	1%	395.2	4,059	30%	356.6
	Am.In/AN**	69	1%	162.1	36	0%	297.2	<5	---	---	107	1%	175.7
	Asian/PI**	6	0%	27.6	15	0%	14.6	<5	---	---	22	0%	16.8
	Hispanic	48	0%	45.7	97	1%	37.0	13	0%	41.8	158	1%	39.6
	Unknown	841	6%	---	1,338	10%	---	35	0%	---	2,214	16%	---
	<b>Total</b>	<b>2,692</b>	<b>20%</b>	<b>189.5</b>	<b>4,529</b>	<b>33%</b>	<b>152.4</b>	<b>320</b>	<b>2%</b>	<b>52.7</b>	<b>7,541</b>	<b>55%</b>	<b>150.8</b>
Total	White**	464	3%	28.1	855	6%	23.1	317	2%	30.5	1,636	12%	25.6
	Black**	2,417	18%	307.0	4,788	35%	368.1	209	2%	383.5	7,414	54%	346.1
	Am.In/AN**	102	1%	124.5	66	0%	279.3	<5	---	---	170	1%	144.6
	Asian/PI**	9	0%	23.2	22	0%	11.0	<5	---	---	34	0%	13.5
	Hispanic	90	1%	39.3	211	2%	38.1	24	0%	34.9	325	2%	38.2
	Unknown	1,620	12%	---	2,407	18%	---	59	0%	---	4,086	30%	---
	<b>Total***</b>	<b>4,702</b>	<b>34%</b>	<b>168.5</b>	<b>8,349</b>	<b>61%</b>	<b>144.6</b>	<b>614</b>	<b>4%</b>	<b>51.7</b>	<b>13,665</b>	<b>100%</b>	<b>140.1</b>

\* Rate per 100,000 population.

\*\*Non Hispanic; Am. In/AN= American Indian/Alaskan Native; Asian/PI= Asian/Pacific Islander.

\*\*\* Total includes cases with unknown gender.



**Table 34. N. C. Regional Gonorrhea Cases by Gender and Age, 2013**

Age		EASTERN			PIEDMONT			WESTERN			TOTAL		
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	10-14	6	0%	6.5	10	0%	4.9	<5	---	---	17	0%	5.1
	15-19	288	2%	301.6	555	4%	277.8	37	0%	95.7	880	6%	263.6
	20-24	803	6%	640.3	1,365	10%	709.1	90	1%	222.5	2,258	17%	630.1
	25-29	398	3%	407.6	732	5%	395.3	74	1%	230.6	1,204	9%	382.3
	30-34	220	2%	247.5	409	3%	215.2	22	0%	66.2	651	5%	208.5
	35-39	116	1%	140.9	229	2%	120.3	20	0%	57.5	365	3%	118.7
	40-44	58	0%	67.2	191	1%	89.9	16	0%	41.3	265	2%	78.5
	45-49	51	0%	57.9	149	1%	72.5	13	0%	32.5	213	2%	63.9
	50-54	32	0%	35.3	90	1%	45.2	7	0%	16.7	129	1%	38.9
	55-59	15	0%	17.4	44	0%	25.2	<5	---	---	63	0%	20.9
	60-64	6	0%	7.7	24	0%	16.2	<5	---	---	31	0%	11.7
	65+	9	0%	5.3	17	0%	5.5	8	0%	8.0	34	0%	5.9
	Unknown	<5	---	---	<5	---	---	0	0%	---	<5	---	---
<b>Total**</b>		2,003	15%	146.3	3,819	28%	136.3	293	2%	50.4	6,115	45%	128.7
Female	10-14	17	0%	19.2	49	0%	25.2	<5	---	---	67	0%	21.1
	15-19	756	6%	852.4	1,348	10%	699.9	75	1%	211.5	2,179	16%	687.9
	20-24	1,080	8%	1011.2	1,735	13%	894.3	135	1%	354.5	2,950	22%	870.5
	25-29	466	3%	500.2	734	5%	379.4	59	0%	189.6	1,259	9%	396.2
	30-34	209	2%	234.5	325	2%	162.0	29	0%	88.3	563	4%	174.5
	35-39	86	1%	102.1	184	1%	91.5	10	0%	29.7	280	2%	87.8
	40-44	40	0%	44.5	79	1%	35.9	<5	---	---	123	1%	35.3
	45-49	21	0%	22.6	43	0%	20.1	<5	---	---	68	0%	19.6
	50-54	8	0%	8.1	19	0%	9.0	<5	---	---	28	0%	7.9
	55-59	7	0%	7.2	6	0%	3.1	0	0%	0.0	13	0%	3.9
	60-64	0	0%	0.0	<5	---	---	0	0%	0.0	<5	---	---
	65+	0	0%	0.0	<5	---	---	0	0%	0.0	<5	---	---
	Unknown	<5	---	---	0	0%	---	0	0%	---	<5	---	---
<b>Total**</b>		2,692	20%	189.5	4,529	33%	152.4	320	2%	52.7	7,541	55%	150.8

\* Rate per 100,000 population.

\*\* Total includes cases with age less than 10.

Continued

**Table 34. N. C. Regional Gonorrhea Cases by Gender and Age, 2013 (Cont.)**

Age		EASTERN			PIEDMONT			WESTERN			TOTAL		
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Total***	10-14	23	0%	12.7	59	0%	14.8	<5	---	---	84	1%	13.0
	15-19	1,046	8%	567.9	1,904	14%	485.3	112	1%	151.1	3,062	22%	470.6
	20-24	1,887	14%	812.7	3,100	23%	802.1	225	2%	286.5	5,212	38%	747.5
	25-29	865	6%	453.3	1,466	11%	387.1	134	1%	212.0	2,465	18%	389.6
	30-34	429	3%	241.0	734	5%	187.9	51	0%	77.2	1,214	9%	191.3
	35-39	202	1%	121.3	413	3%	105.5	30	0%	43.8	645	5%	102.9
	40-44	98	1%	55.6	270	2%	62.4	20	0%	26.0	388	3%	56.6
	45-49	72	1%	39.8	192	1%	45.8	17	0%	21.1	281	2%	41.3
	50-54	40	0%	21.1	109	1%	26.6	8	0%	9.3	157	1%	22.9
	55-59	22	0%	12.0	50	0%	13.7	<5	---	---	76	1%	12.0
	60-64	6	0%	3.7	26	0%	8.2	<5	---	---	33	0%	5.8
	65+	9	0%	2.3	19	0%	2.6	8	0%	3.5	36	0%	2.7
	Unknown	<5	---	---	<5	---	---	0	0%	---	5	0%	---
<b>Total**</b>		4,702	34%	168.5	8,349	61%	144.6	614	4%	51.7	13,665	100%	140.1

\* Rate per 100,000 population.

\*\* Total includes cases with age less than 10.

\*\*\* Total includes cases with unknown gender.

**Table 35. N. C. Regional Early Syphilis Cases by Gender and Race/Ethnicity, 2013**

Race/Ethnicity		EASTERN			PIEDMONT			WESTERN			TOTAL		
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	White**	43	6%	5.3	97	14%	5.4	12	2%	2.4	152	22%	4.9
	Black**	87	13%	23.3	289	43%	47.9	<5	---	---	379	56%	37.7
	Am.In/AN**	<5	---	---	0	0%	0.0	0	0%	0.0	<5	---	---
	Asian/PI**	0	0%	0.0	<5	---	---	0	0%	0.0	<5	---	---
	Hispanic	8	1%	6.5	17	3%	5.8	0	0%	0.0	25	4%	5.5
	Unknown	6	1%	---	18	3%	---	0	0%	---	24	4%	---
	<b>Total</b>	148	22%	10.8	422	62%	15.1	15	2%	2.6	585	86%	12.3
Female	White**	9	1%	1.1	<5	---	---	<5	---	---	11	2%	0.3
	Black**	24	4%	5.8	43	6%	6.2	0	0%	0.0	67	10%	5.9
	Am.In/AN**	0	0%	0.0	<5	---	---	0	0%	0.0	<5	---	---
	Asian/PI**	0	0%	0.0	<5	---	---	0	0%	0.0	<5	---	---
	Hispanic	<5	---	---	<5	---	---	0	0%	0.0	7	1%	1.8
	Unknown	0	0%	---	5	1%	---	0	0%	---	5	1%	---
	<b>Total</b>	37	5%	2.6	54	8%	1.8	<5	---	---	92	14%	1.8
Total	White**	52	8%	3.1	98	14%	2.7	13	2%	1.2	163	24%	2.6
	Black**	111	16%	14.1	332	49%	25.5	3	0%	5.5	446	66%	20.8
	Am.In/AN**	<5	---	---	<5	---	---	0	0%	0.0	5	1%	4.3
	Asian/PI**	0	0%	0.0	<5	---	---	0	0%	0.0	<5	---	---
	Hispanic	12	2%	5.2	20	3%	3.6	0	0%	0.0	32	5%	3.8
	Unknown	6	1%	---	23	3%	---	0	0%	---	29	4%	---
	<b>Total</b>	185	27%	6.6	476	70%	8.2	16	2%	1.3	677	100%	6.9

\* Rate per 100,000 population.

\*\*Non Hispanic; Am. In/AN= American Indian/Alaskan Native; Asian/PI= Asian/Pacific Islander.

**Table 36. N. C. Regional Early Syphilis Cases by Gender and Age, 2013**

Age		EASTERN			PIEDMONT			WESTERN			TOTAL		
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	10-14	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	15-19	8	1%	8.4	9	1%	4.5	<5	---	---	19	3%	5.7
	20-24	50	7%	39.9	106	16%	55.1	<5	---	---	157	23%	43.8
	25-29	34	5%	34.8	83	12%	44.8	<5	---	---	121	18%	38.4
	30-34	15	2%	16.9	59	9%	31.0	<5	---	---	75	11%	24.0
	35-39	11	2%	13.4	43	6%	22.6	<5	---	---	56	8%	18.2
	40-44	16	2%	18.5	44	6%	20.7	0	0%	0.0	60	9%	17.8
	45-49	<5	---	---	33	5%	16.1	<5	---	---	37	5%	11.1
	50-54	5	1%	5.5	23	3%	11.5	<5	---	---	29	4%	8.7
	55-59	<5	---	---	13	2%	7.4	0	0%	0.0	16	2%	5.3
	60-64	<5	---	---	8	1%	5.4	<5	---	---	11	2%	4.1
	65+	<5	---	---	<5	---	---	<5	---	---	<5	---	---
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---
	<b>Total**</b>	148	22%	10.8	422	62%	15.1	15	2%	2.6	585	86%	12.3
Female	10-14	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	15-19	<5	---	---	6	1%	3.1	0	0%	0.0	10	1%	3.2
	20-24	11	2%	10.3	22	3%	11.3	0	0%	0.0	33	5%	9.7
	25-29	7	1%	7.5	<5	---	---	0	0%	0.0	9	1%	2.8
	30-34	<5	---	---	6	1%	3.0	0	0%	0.0	9	1%	2.8
	35-39	<5	---	---	7	1%	3.5	<5	---	---	10	1%	3.1
	40-44	<5	---	---	6	1%	2.7	0	0%	0.0	9	1%	2.6
	45-49	<5	---	---	<5	---	---	0	0%	0.0	7	1%	2.0
	50-54	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	55-59	<5	---	---	0	0%	0.0	0	0%	0.0	<5	---	---
	60-64	<5	---	---	<5	---	---	0	0%	0.0	<5	---	---
	65+	<5	---	---	0	0%	0.0	0	0%	0.0	<5	---	---
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---
	<b>Total**</b>	37	5%	2.6	54	8%	1.8	<5	---	---	92	14%	1.8

\* Rate per 100,000 population.

\*\* Total includes cases with age less than 10.

Continued

**Table 36. N. C. Regional Early Syphilis Cases by Gender and Age, 2013 (Cont.)**

Age		EASTERN			PIEDMONT			WESTERN			TOTAL		
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Total	10-14	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	15-19	12	2%	6.5	15	2%	3.8	<5	---	---	29	4%	4.5
	20-24	61	9%	26.3	128	19%	33.1	<5	---	---	190	28%	27.3
	25-29	41	6%	21.5	85	13%	22.4	<5	---	---	130	19%	20.5
	30-34	18	3%	10.1	65	10%	16.6	<5	---	---	84	12%	13.2
	35-39	13	2%	7.8	50	7%	12.8	<5	---	---	66	10%	10.5
	40-44	19	3%	10.8	50	7%	11.6	0	0%	0.0	69	10%	10.1
	45-49	6	1%	3.3	37	5%	8.8	<5	---	---	44	6%	6.5
	50-54	5	1%	2.6	23	3%	5.6	<5	---	---	29	4%	4.2
	55-59	5	1%	2.7	13	2%	3.6	0	0%	0.0	18	3%	2.8
	60-64	<5	---	---	9	1%	2.8	<5	---	---	13	2%	2.3
	65+	<5	---	---	<5	---	---	<5	---	---	5	1%	0.4
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---
	<b>Total**</b>		185	27%	6.6	476	70%	8.2	16	2%	1.3	677	100%

\* Rate per 100,000 population.

\*\* Total includes cases with age less than 10.

# North Carolina Geographic Regions

