



**2012 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 (NCEDSS) occurred during November-December of 2012. In order to convert, deduplicate and merge patient information into NCEDSS, data being entered into the production database was suspended for approximately one month. While most of the backlog was cleared at the time the reports were generated, there may be some cases still under investigation that have not been completed and submitted. These are primarily cases diagnosed in the last months of 2012. We urge caution in the interpretation of any trends involving 2012 data at this time. Readers should also be aware that HIV and AIDS 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 Communicable Disease Surveillance Unit (CDSU) 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 CDSU 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 2012 HIV/STD Surveillance Report*, includes summary tables of surveillance reports and other information for human immunodeficiency virus (HIV) disease, (acquired immunodeficiency syndrome) (AIDS), 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 2012, 2011 estimates were used as denominators in rate calculation for 2012. Thus, the 2012 rates should be considered *preliminary* rates. More information about bridged race categories is available at the website, [www.cdc.gov/nchs/nvss/bridged\\_race.htm](http://www.cdc.gov/nchs/nvss/bridged_race.htm).

Rates 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, [www.schs.state.nc.us/](http://www.schs.state.nc.us/).

## **AIDS and HIV disease surveillance data**

### ***HIV Disease***

HIV disease case reports represent persons who have a confirmed diagnosis with human immunodeficiency virus. This category represents all new diagnoses with HIV regardless of the stage of the disease and is sometimes referred to as simply "HIV infection." Cases are counted by the date of diagnosis for the initial HIV diagnosis.

***AIDS 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 disease reports represent persons who are initially diagnosed with HIV infection and AIDS at or very near the same time (concurrent). HIV disease 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 disease 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 disease 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 setting are excluded from county and regional case totals and rates. These cases are, however, included in state totals.

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

HIV disease 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.

Tabulating case totals by date of diagnosis does delay the reporting of disease information. It takes at least six months from diagnosis for most cases reports to be verified and fully recorded in surveillance databases. Therefore, HIV morbidity data for 2011 was not available until July 1, 2012. This six-month delay in the presentation of HIV morbidity data for analysis will be an ongoing issue.

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

Notice of a change in this report: A new table is presented in this report (Table 14). For this table, 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, see the Epidemiologic Profile, Appendix C.

### **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, and a number of screening programs are in place to detect infection in young women. There are no comparable screening programs for young men. For this reason, chlamydia case reports are always highly biased with respect to gender. The North Carolina STD Surveillance data system underwent extensive changes in 2008 when the state implemented the North Carolina Electronic Disease Surveillance System (NC EDSS). During this transition, chlamydia morbidity counts for some counties may have been affected. Report totals since then should be considered with this in mind. Reports are summarized by the date received at the Communicable Disease Surveillance Unit rather than by date of diagnosis.

### **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. Public clinics and health departments may do a better job of conducting such screening programs and reporting cases, causing the reported cases to be biased toward those attending public clinics. During

the transition to NC EDSS, gonorrhea morbidity counts for some counties may have been affected. Report totals since then should be considered with this in mind. Reports are summarized by the date received at the Communicable Disease Surveillance Unit rather than by date of diagnosis.

### **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 Communicable Disease 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. Reports are summarized by the date received at the Communicable Disease Surveillance Unit rather than by date of diagnosis.

### **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 Prevention & Community Planning Epidemiologic Profile for North Carolina*. Recent trend information can also be found on the fact sheets available at the web site, <http://epi.publichealth.nc.gov/cd/stds/figures.html>.

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### Map

North Carolina Geographic Regions.....	back cover
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## Highlights

- As of December 31, 2012, the estimated number of living HIV disease cases diagnosed and reported in North Carolina was 27,068 (Table 1).
- For 2012, 1,409 new diagnoses of HIV disease were reported (Table 3).
- For 2012, 798 new diagnoses of AIDS were reported (Table 6).
- The three-year (2010-2012) average rate of diagnosed HIV disease in North Carolina was 15.1 per 100,000 population. The top five counties with highest rates were Mecklenburg (34.0 per 100,000), Edgecombe (31.4 per 100,000), Durham (28.2 per 100,000), Cumberland (24.4 per 100,000), and Wilson County (24.2 per 100,000) (Table 2).
- Among the HIV disease cases diagnosed in 2012, African Americans represented 65 percent of all cases with a rate of 53.2 per 100,000 adult/adolescent population. The highest rate (86.9 per 100,000) was among adult/adolescent African American males (Table 11).
- For 2012 adult/adolescent HIV disease cases, men who have sex with men (MSM) was the principal risk factor indicated in 64 percent of total cases, heterosexual transmission risk was indicated in 32 percent, injecting drug use (IDU) was indicated in 3 percent, and MSM/IDU was indicated in 1 percent of total cases (Table 14).
- The reported number of early syphilis cases in North Carolina in 2012 was 598, with a rate of 6.2 per 100,000 population (Table 10).
- The top five counties reporting most early syphilis cases in 2012 were Mecklenburg (134), Wake (84), Guilford (66), Forsyth (43), and Pitt (35) (Table 10).
- African American males had the highest rate of early syphilis (39.5 per 100,000), and represented 65 percent of total early syphilis cases in 2012 (Table 23).
- The reported number of chlamydia cases in 2012 was 50,606. (Table 7).
- Among female chlamydia reports in 2012, the age groups with highest rates were 20-24 year olds (4,782.2 per 100,000) followed by 15-19 year olds (4,327.4 per 100,000) (Table 18).
- The reported number of gonorrhea cases in 2012 was 14,322 (Table 8).
- In 2012, African American females and males had the highest gonorrhea rates (374.4 and 339.5 per 100,000 respectively), and represented 29 percent and 23 percent of total cases (Table 19).



**Table 1. N. C. HIV Disease (HIV/AIDS)\* Cases Living as of 12/31/12  
by County of Residence at Diagnosis**

COUNTY	HIV DISEASE*
ALAMANCE	343
ALEXANDER	34
ALLEGHANY	2
ANSON	60
ASHE	9
AVERY	9
BEAUFORT	110
BERTIE	76
BLADEN	89
BRUNSWICK	158
BUNCOMBE	490
BURKE	73
CABARRUS	243
CALDWELL	48
CAMDEN	15
CARTERET	58
CASWELL	40
CATAWBA	212
CHATHAM	94
CHEROKEE	13
CHOWAN	29
CLAY	9
CLEVELAND	190
COLUMBUS	166
CRAVEN	238
CUMBERLAND	1,257
CURRITUCK	14
DARE	36
DAVIDSON	232
DAVIE	31
DUPLIN	170
DURHAM	1,515
EDGECOMBE	303
FORSYTH	1,353
FRANKLIN	103
GASTON	510
GATES	8
GRAHAM	2
GRANVILLE	156
GREENE	52
GUILFORD	2,020
HALIFAX	157
HARNETT	207
HAYWOOD	56
HENDERSON	83
HERTFORD	83
HOKE	131
HYDE	10
IREDELL	126
JACKSON	33
JOHNSTON	299
JONES	22
LEE	154

COUNTY	HIV DISEASE*
LENOIR	243
LINCOLN	57
MACON	28
MADISON	15
MARTIN	75
MCDOWELL	27
MECKLENBURG	4,992
MITCHELL	11
MONTGOMERY	36
MOORE	138
NASH	278
NEW HANOVER	588
NORTHAMPTON	66
ONslow	230
ORANGE	291
PAMLICO	19
PASQUOTANK	88
PENDER	56
PERQUIMANS	30
PERSON	72
PITT	546
POLK	19
RANDOLPH	151
RICHMOND	120
ROBESON	424
ROCKINGHAM	128
ROWAN	231
RUTHERFORD	51
SAMPSON	150
SCOTLAND	120
STANLY	77
STOKES	34
SURRY	57
SWAIN	15
TRANSYLVANIA	27
TYRRELL	5
UNION	187
VANCE	183
WAKE	2,825
WARREN	41
WASHINGTON	49
WATAUGA	24
WAYNE	288
WILKES	43
WILSON	352
YADKIN	25
YANCEY	12
<b>NC TOTAL **</b>	<b>27,068</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)

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

\*Rank based on three-year average rate

Rank	COUNTY	2010 CASES	2011 CASES	2012 CASES	2010 RATE	2011 RATE	2012 RATE	AVG RATE*
1	MECKLENBURG	313	325	318	33.9	34.4	33.7	34.0
2	EDGECOMBE	21	19	13	37.1	33.9	23.2	31.4
3	DURHAM	86	67	77	32.0	24.5	28.2	28.2
4	CUMBERLAND	80	95	62	25.0	29.2	19.1	24.4
5	WILSON	18	23	18	22.1	28.2	22.1	24.2
6	VANCE	11	10	11	24.2	22.1	24.3	23.5
7	GUILFORD	112	127	102	22.9	25.6	20.6	23.0
8	HOKE	11	12	9	23.2	24.4	18.3	21.9
9	PITT	29	32	36	17.2	18.7	21.0	19.0
9	BERTIE	7	3	2	32.9	14.4	9.6	19.0
11	FORSYTH	59	81	52	16.8	22.8	14.6	18.1
12	HALIFAX	4	13	12	7.3	24.0	22.2	17.8
12	NASH	17	13	20	17.7	13.5	20.8	17.4
14	HYDE	3	0	0	51.6	0.0	0.0	17.2
15	ROBESON	14	29	25	10.4	21.4	18.4	16.8
16	WAKE	168	137	152	18.5	14.7	16.3	16.5
17	COLUMBUS	13	10	5	22.4	17.3	8.7	16.1
18	GRANVILLE	10	4	14	16.7	6.7	23.3	15.6
19	BLADEN	7	8	1	19.9	22.9	2.9	15.2
19	NORTHAMPTON	2	4	4	9.1	18.3	18.3	15.2
	<b>NORTH CAROLINA</b>	<b>1,461</b>	<b>1,487</b>	<b>1,409</b>	<b>15.3</b>	<b>15.4</b>	<b>14.6</b>	<b>15.1</b>
21	LEE	14	8	4	24.2	13.6	6.8	14.9
22	GASTON	30	30	31	14.5	14.5	15.0	14.7
23	WAYNE	13	23	18	10.6	18.6	14.6	14.6
24	WARREN	5	0	4	23.9	0.0	19.2	14.3
25	HERTFORD	5	4	1	20.3	16.4	4.1	13.6
26	JONES	2	1	1	19.7	10.0	10.0	13.2
27	SAMPSON	13	6	6	20.5	9.4	9.4	13.1
28	SCOTLAND	5	3	6	13.9	8.4	16.7	13.0
29	RICHMOND	7	8	3	15.0	17.2	6.4	12.9
30	ALAMANCE	21	20	17	13.9	13.0	11.1	12.7
31	ANSON	3	4	3	11.1	15.0	11.3	12.5
32	CLEVELAND	12	12	12	12.2	12.3	12.3	12.3
32	PASQUOTANK	4	7	4	9.8	17.2	9.8	12.3
34	DUPLIN	11	5	5	18.7	8.4	8.4	11.8
35	LENOIR	10	7	3	16.8	11.8	5.1	11.2
36	CRAVEN	10	11	13	9.6	10.5	12.4	10.8
37	BEAUFORT	4	8	3	8.4	16.8	6.3	10.5
38	PAMLICO	1	0	3	7.6	0.0	22.7	10.1
38	PERSON	3	4	5	7.6	10.1	12.6	10.1
40	NEW HANOVER	17	22	22	8.4	10.7	10.7	9.9
41	BUNCOMBE	13	25	31	5.4	10.4	12.8	9.5
42	HARNETT	14	10	9	12.1	8.4	7.5	9.3
42	GREENE	2	1	3	9.3	4.6	13.9	9.3
44	ORANGE	8	12	16	6.0	8.8	11.8	8.9
45	CASWELL	3	1	2	12.6	4.3	8.5	8.5
46	ROWAN	15	11	9	10.8	8.0	6.5	8.4
47	CABARRUS	9	17	19	5.0	9.4	10.5	8.3
47	MARTIN	1	0	5	4.1	0.0	20.7	8.3
49	ONSLOW	14	11	17	7.8	6.1	9.5	7.8
49	CATAWBA	13	10	13	8.4	6.5	8.4	7.8
51	STANLY	4	5	5	6.6	8.2	8.2	7.7
52	FRANKLIN	5	5	4	8.2	8.2	6.5	7.6
52	BRUNSWICK	8	5	12	7.4	4.5	10.9	7.6

Continued

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

\*Rank based on three-year average rate

Rank	COUNTY	2010 CASES	2011 CASES	2012 CASES	2010 RATE	2011 RATE	2012 RATE	AVG RATE*
54	SWAIN	0	2	1	0.0	14.2	7.1	7.1
54	MOORE	3	9	7	3.4	10.1	7.8	7.1
56	CHOWAN	1	0	2	6.8	0.0	13.5	6.7
56	CAMDEN	1	1	0	10.0	10.0	0.0	6.7
58	DAVIDSON	10	11	11	6.1	6.8	6.8	6.6
59	UNION	12	15	13	5.9	7.3	6.3	6.5
60	CLAY	2	0	0	18.9	0.0	0.0	6.3
61	TRANSYLVANIA	2	3	1	6.0	9.1	3.0	6.1
62	JOHNSTON	10	10	11	5.9	5.8	6.4	6.0
62	MONTGOMERY	2	2	1	7.2	7.2	3.6	6.0
64	LINCOLN	5	4	5	6.4	5.1	6.3	5.9
65	JACKSON	4	1	2	9.9	2.5	5.0	5.8
66	ROCKINGHAM	3	11	2	3.2	11.8	2.1	5.7
67	WASHINGTON	0	0	2	0.0	0.0	15.4	5.1
68	PENDER	2	4	2	3.8	7.5	3.7	5.0
68	IREDELL	11	5	8	6.9	3.1	5.0	5.0
70	RUTHERFORD	3	6	1	4.4	8.9	1.5	4.9
70	RANDOLPH	6	8	7	4.2	5.6	4.9	4.9
70	POLK	1	1	1	4.9	4.9	4.9	4.9
73	WILKES	3	2	5	4.3	2.9	7.2	4.8
74	CHATHAM	5	2	2	7.8	3.1	3.1	4.7
75	DAVIE	2	1	2	4.8	2.4	4.8	4.0
75	CARTERET	2	2	4	3.0	3.0	5.9	4.0
77	HENDERSON	6	1	5	5.6	0.9	4.6	3.7
77	ASHE	1	1	1	3.7	3.7	3.7	3.7
79	CALDWELL	2	1	6	2.4	1.2	7.3	3.6
79	ALEXANDER	1	3	0	2.7	8.1	0.0	3.6
81	SURRY	2	0	5	2.7	0.0	6.8	3.2
82	MCDOWELL	2	2	0	4.4	4.4	0.0	3.0
83	DARE	2	0	1	5.9	0.0	2.9	2.9
84	CURRITUCK	1	1	0	4.2	4.2	0.0	2.8
85	GATES	1	0	0	8.2	0.0	0.0	2.7
86	YADKIN	1	1	1	2.6	2.6	2.6	2.6
87	PERQUIMANS	1	0	0	7.4	0.0	0.0	2.5
88	HAYWOOD	1	2	1	1.7	3.4	1.7	2.3
89	STOKES	2	0	1	4.2	0.0	2.1	2.1
90	WATAUGA	1	1	1	2.0	1.9	1.9	2.0
91	AVERY	0	0	1	0.0	0.0	5.7	1.9
91	YANCEY	0	1	0	0.0	5.6	0.0	1.9
93	BURKE	1	1	3	1.1	1.1	3.3	1.8
94	MACON	1	0	0	2.9	0.0	0.0	1.0
95	ALLEGHANY	0	0	0	0.0	0.0	0.0	0.0
95	CHEROKEE	0	0	0	0.0	0.0	0.0	0.0
95	GRAHAM	0	0	0	0.0	0.0	0.0	0.0
95	MADISON	0	0	0	0.0	0.0	0.0	0.0
95	MITCHELL	0	0	0	0.0	0.0	0.0	0.0
95	TYRRELL	0	0	0	0.0	0.0	0.0	0.0

<sup>†</sup>HIV Disease 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 \*\*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)

Table 3. N. C. HIV Disease† Cases by County of First Diagnosis, 2008-2012

COUNTY	2008 Cases	2009 Cases	2010 Cases	2011 Cases	2012 Cases	2008 Rate*	2009 Rate*	2010 Rate*	2011 Rate*	2012 Rate*
ALAMANCE	34	16	21	20	17	23.0	10.6	13.9	13.0	11.1
ALEXANDER	1	2	1	3	0	2.7	5.4	2.7	8.1	0.0
ALLEGHANY	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
ANSON	4	3	3	4	3	15.9	12.0	11.1	15.0	11.3
ASHE	1	0	1	1	1	3.9	0.0	3.7	3.7	3.7
AVERY	0	2	0	0	1	0.0	11.2	0.0	0.0	5.7
BEAUFORT	10	6	4	8	3	21.6	12.9	8.4	16.8	6.3
BERTIE	5	3	7	3	2	25.7	15.5	32.9	14.4	9.6
BLADEN	5	6	7	8	1	15.4	18.6	19.9	22.9	2.9
BRUNSWICK	11	10	8	5	12	10.6	9.3	7.4	4.5	10.9
BUNCOMBE	32	19	13	25	31	14.0	8.2	5.4	10.4	12.8
BURKE	9	4	1	1	3	10.1	4.5	1.1	1.1	3.3
CABARRUS	26	20	9	17	19	15.4	11.6	5.0	9.4	10.5
CALDWELL	6	2	2	1	6	7.5	2.5	2.4	1.2	7.3
CAMDEN	1	2	1	1	0	10.4	20.6	10.0	10.0	0.0
CARTERET	5	4	2	2	4	7.9	6.2	3.0	3.0	5.9
CASWELL	6	4	3	1	2	25.9	17.4	12.6	4.3	8.5
CATAWBA	16	14	13	10	13	10.2	8.8	8.4	6.5	8.4
CHATHAM	3	5	5	2	2	4.7	7.7	7.8	3.1	3.1
CHEROKEE	2	1	0	0	0	7.5	3.8	0.0	0.0	0.0
CHOWAN	3	0	1	0	2	20.4	0.0	6.8	0.0	13.5
CLAY	1	1	2	0	0	9.7	9.7	18.9	0.0	0.0
CLEVELAND	12	13	12	12	12	12.1	13.1	12.2	12.3	12.3
COLUMBUS	10	9	13	10	5	18.4	16.6	22.4	17.3	8.7
CRAVEN	14	11	10	11	13	14.4	11.2	9.6	10.5	12.4
CUMBERLAND	83	81	80	95	62	26.7	25.7	25.0	29.2	19.1
CURRITUCK	1	1	1	1	0	4.1	4.1	4.2	4.2	0.0
DARE	2	1	2	0	1	5.9	2.9	5.9	0.0	2.9
DAVIDSON	19	12	10	11	11	12.0	7.6	6.1	6.8	6.8
DAVIE	0	0	2	1	2	0.0	0.0	4.8	2.4	4.8
DUPLIN	5	11	11	5	5	9.4	20.7	18.7	8.4	8.4
DURHAM	98	82	86	67	77	37.3	30.4	32.0	24.5	28.2
EDGECOMBE	17	25	21	19	13	32.4	48.2	37.1	33.9	23.2
FORSYTH	73	89	59	81	52	20.6	24.7	16.8	22.8	14.6
FRANKLIN	4	9	5	5	4	6.8	15.0	8.2	8.2	6.5
GASTON	30	39	30	30	31	14.5	18.7	14.5	14.5	15.0
GATES	1	1	1	0	0	8.5	8.5	8.2	0.0	0.0
GRAHAM	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
GRANVILLE	13	11	10	4	14	22.8	19.1	16.7	6.7	23.3
GREENE	2	2	2	1	3	9.7	9.7	9.3	4.6	13.9
GUILFORD	145	130	112	127	102	30.6	27.1	22.9	25.6	20.6
HALIFAX	17	6	4	13	12	30.9	11.0	7.3	24.0	22.2
HARNETT	13	22	14	10	9	11.6	19.0	12.1	8.4	7.5
HAYWOOD	1	5	1	2	1	1.8	8.8	1.7	3.4	1.7
HENDERSON	4	4	6	1	5	3.9	3.9	5.6	0.9	4.6
HERTFORD	4	2	5	4	1	17.1	8.6	20.3	16.4	4.1
HOKE	7	10	11	12	9	16.0	22.1	23.2	24.4	18.3
HYDE	0	0	3	0	0	0.0	0.0	51.6	0.0	0.0
IREDELL	12	7	11	5	8	7.7	4.4	6.9	3.1	5.0
JACKSON	3	0	4	1	2	8.2	0.0	9.9	2.5	5.0
JOHNSTON	23	10	10	10	11	14.1	5.9	5.9	5.8	6.4
JONES	1	2	2	1	1	10.0	19.9	19.7	10.0	10.0
LEE	7	3	14	8	4	11.8	5.0	24.2	13.6	6.8

Continued

**Table 3. N. C. HIV Disease<sup>†</sup> Cases by County of First Diagnosis, 2008-2012 (Cont.)**

COUNTY	2008 Cases	2009 Cases	2010 Cases	2011 Cases	2012 Cases	2008 Rate*	2009 Rate*	2010 Rate*	2011 Rate*	2012 Rate*
LENOIR	12	9	10	7	3	21.2	16.0	16.8	11.8	5.1
LINCOLN	3	2	5	4	5	4.0	2.6	6.4	5.1	6.3
MACON	1	4	1	0	0	3.0	12.0	2.9	0.0	0.0
MADISON	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
MARTIN	1	0	1	0	5	4.3	0.0	4.1	0.0	20.7
MCDOWELL	2	2	2	2	0	4.6	4.5	4.4	4.4	0.0
MECKLENBURG	386	343	313	325	318	43.3	37.5	33.9	34.4	33.7
MITCHELL	3	3	0	0	0	19.1	19.2	0.0	0.0	0.0
MONTGOMERY	2	1	2	2	1	7.2	3.6	7.2	7.2	3.6
MOORE	11	7	3	9	7	12.8	8.0	3.4	10.1	7.8
NASH	23	15	17	13	20	24.4	15.8	17.7	13.5	20.8
NEW HANOVER	30	28	17	22	22	15.6	14.4	8.4	10.7	10.7
NORTHAMPTON	11	6	2	4	4	53.8	29.8	9.1	18.3	18.3
ONslow	11	11	14	11	17	6.5	6.4	7.8	6.1	9.5
ORANGE	20	13	8	12	16	15.7	10.1	6.0	8.8	11.8
PAMLICO	2	1	1	0	3	16.1	8.1	7.6	0.0	22.7
PASQUOTANK	8	3	4	7	4	19.3	7.2	9.8	17.2	9.8
PENDER	5	2	2	4	2	9.8	3.8	3.8	7.5	3.7
PERQUIMANS	2	2	1	0	0	15.7	15.7	7.4	0.0	0.0
PERSON	3	4	3	4	5	8.0	10.6	7.6	10.1	12.6
PITT	33	30	29	32	36	21.2	18.9	17.2	18.7	21.0
POLK	2	0	1	1	1	10.4	0.0	4.9	4.9	4.9
RANDOLPH	10	9	6	8	7	7.1	6.3	4.2	5.6	4.9
RICHMOND	7	6	7	8	3	15.2	13.1	15.0	17.2	6.4
ROBESON	30	26	14	29	25	23.3	20.1	10.4	21.4	18.4
ROCKINGHAM	13	6	3	11	2	14.1	6.5	3.2	11.8	2.1
ROWAN	11	15	15	11	9	7.9	10.7	10.8	8.0	6.5
RUTHERFORD	4	2	3	6	1	6.3	3.2	4.4	8.9	1.5
SAMPSON	6	9	13	6	6	9.5	14.1	20.5	9.4	9.4
SCOTLAND	8	4	5	3	6	21.9	11.0	13.9	8.4	16.7
STANLY	2	5	4	5	5	3.4	8.4	6.6	8.2	8.2
STOKES	1	0	2	0	1	2.2	0.0	4.2	0.0	2.1
SURRY	3	5	2	0	5	4.1	6.9	2.7	0.0	6.8
SWAIN	0	0	0	2	1	0.0	0.0	0.0	14.2	7.1
TRANSYLVANIA	1	3	2	3	1	3.3	9.9	6.0	9.1	3.0
TYRRELL	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
UNION	14	18	12	15	13	7.2	9.1	5.9	7.3	6.3
VANCE	10	6	11	10	11	23.3	13.9	24.2	22.1	24.3
WAKE	203	185	168	137	152	23.4	20.6	18.5	14.7	16.3
WARREN	5	2	5	0	4	25.6	10.3	23.9	0.0	19.2
WASHINGTON	4	2	0	0	2	30.9	15.6	0.0	0.0	15.4
WATAUGA	4	2	1	1	1	8.8	4.4	2.0	1.9	1.9
WAYNE	15	16	13	23	18	13.2	14.1	10.6	18.6	14.6
WILKES	6	0	3	2	5	9.0	0.0	4.3	2.9	7.2
WILSON	18	32	18	23	18	23.2	40.8	22.1	28.2	22.1
YADKIN	2	0	1	1	1	5.3	0.0	2.6	2.6	2.6
YANCEY	1	2	0	1	0	5.4	10.8	0.0	5.6	0.0
Unassigned**	62	80	61	64	51	---	---	---	---	---
<b>NC TOTAL</b>	<b>1,813</b>	<b>1,643</b>	<b>1,461</b>	<b>1,487</b>	<b>1,409</b>	<b>19.6</b>	<b>17.5</b>	<b>15.3</b>	<b>15.4</b>	<b>14.6</b>

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

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

COUNTY	AIDS
ALAMANCE	120
ALEXANDER	18
ALLEGHANY	0
ANSON	32
ASHE	0
AVERY	5
BEAUFORT	52
BERTIE	44
BLADEN	48
BRUNSWICK	81
BUNCOMBE	216
BURKE	34
CABARRUS	81
CALDWELL	27
CAMDEN	9
CARTERET	30
CASWELL	13
CATAWBA	116
CHATHAM	35
CHEROKEE	5
CHOWAN	15
CLAY	3
CLEVELAND	80
COLUMBUS	78
CRAVEN	112
CUMBERLAND	441
CURRITUCK	9
DARE	20
DAVIDSON	85
DAVIE	16
DUPLIN	88
DURHAM	517
EDGECOMBE	155
FORSYTH	479
FRANKLIN	53
GASTON	210
GATES	1
GRAHAM	2
GRANVILLE	57
GREENE	30
GUILFORD	678
HALIFAX	80
HARNETT	101
HAYWOOD	34
HENDERSON	54
HERTFORD	59
HOKE	60
HYDE	7
IREDELL	53
JACKSON	18
JOHNSTON	153
JONES	11
LEE	43

COUNTY	AIDS
LENOIR	122
LINCOLN	25
MACON	15
MADISON	8
MARTIN	37
MCDOWELL	14
MECKLENBURG	1,803
MITCHELL	7
MONTGOMERY	20
MOORE	65
NASH	119
NEW HANOVER	237
NORTHAMPTON	37
ONSLOW	97
ORANGE	85
PAMLICO	6
PASQUOTANK	42
PENDER	30
PERQUIMANS	14
PERSON	22
PITT	289
POLK	12
RANDOLPH	62
RICHMOND	48
ROBESON	210
ROCKINGHAM	43
ROWAN	89
RUTHERFORD	27
SAMPSON	73
SCOTLAND	49
STANLY	23
STOKES	13
SURRY	21
SWAIN	8
TRANSYLVANIA	7
TYRRELL	2
UNION	83
VANCE	77
WAKE	1,295
WARREN	11
WASHINGTON	30
WATAUGA	10
WAYNE	143
WILKES	17
WILSON	168
YADKIN	15
YANCEY	7
<b>NC TOTAL **</b>	<b>11,233</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)

**Table 5. N. C. AIDS Cases by County Rank\* Order (by Year Diagnosed)**

\*Rank based on three-year average rate

Rank	COUNTY	2010 CASES	2011 CASES	2012 CASES	2010 RATE	2011 RATE	2012 RATE	AVG RATE*
1	EDGECOMBE	12	17	12	21.2	30.3	21.4	24.3
2	WASHINGTON	2	2	3	15.2	15.4	23.1	17.9
3	MECKLENBURG	126	134	226	13.6	14.2	23.9	17.3
4	JONES	3	1	1	29.5	10.0	10.0	16.5
5	BLADEN	7	8	1	19.9	22.9	2.9	15.2
6	PITT	25	21	25	14.8	12.3	14.6	13.9
7	ROBESON	19	17	20	14.1	12.5	14.8	13.8
8	HOKE	7	7	5	14.7	14.2	10.1	13.0
9	COLUMBUS	8	6	8	13.8	10.4	13.9	12.7
10	HALIFAX	3	9	8	5.5	16.6	14.8	12.3
10	WILSON	8	10	12	9.8	12.3	14.7	12.3
12	NORTHAMPTON	2	3	3	9.1	13.7	13.7	12.2
13	SCOTLAND	4	4	5	11.1	11.2	13.9	12.1
14	LENOIR	11	2	8	18.5	3.4	13.5	11.8
15	GASTON	23	32	17	11.2	15.5	8.2	11.6
16	RICHMOND	4	8	4	8.6	17.2	8.6	11.4
16	CUMBERLAND	37	48	25	11.6	14.8	7.7	11.3
18	BERTIE	1	5	1	4.7	24.0	4.8	11.1
18	NASH	14	7	11	14.6	7.3	11.4	11.1
20	VANCE	5	3	7	11.0	6.6	15.5	11.0
21	HERTFORD	1	4	3	4.1	16.4	12.3	10.9
22	DURHAM	35	23	25	13.0	8.4	9.1	10.2
23	WAYNE	9	17	11	7.3	13.7	8.9	10.0
24	CLAY	1	2	0	9.5	18.9	0.0	9.5
25	GUILFORD	48	50	40	9.8	10.1	8.1	9.3
26	PASQUOTANK	6	3	2	14.7	7.4	4.9	9.0
27	FORSYTH	26	41	25	7.4	11.6	7.0	8.7
	<b>NORTH CAROLINA</b>	<b>792</b>	<b>811</b>	<b>798</b>	<b>8.3</b>	<b>8.4</b>	<b>8.3</b>	<b>8.3</b>
28	WAKE	83	74	70	9.2	8.0	7.5	8.2
29	MOORE	3	10	8	3.4	11.2	9.0	7.8
29	GREENE	4	0	1	18.7	0.0	4.6	7.8
29	GRANVILLE	6	2	6	10.0	3.3	10.0	7.8
32	FRANKLIN	8	5	1	13.2	8.2	1.6	7.7
33	TYRRELL	0	0	1	0.0	0.0	22.9	7.6
34	BUNCOMBE	10	21	23	4.2	8.7	9.5	7.5
35	HARNETT	11	10	5	9.5	8.4	4.2	7.4
36	SAMPSON	4	6	4	6.3	9.4	6.3	7.3
36	DUPLIN	5	6	2	8.5	10.1	3.4	7.3
38	JOHNSTON	12	12	12	7.1	7.0	7.0	7.0
39	MARTIN	1	1	3	4.1	4.1	12.4	6.9
40	CLEVELAND	5	9	6	5.1	9.2	6.2	6.8
41	CAMDEN	1	1	0	10.0	10.0	0.0	6.7
42	BEAUFORT	1	6	2	2.1	12.6	4.2	6.3
43	ANSON	2	1	2	7.4	3.8	7.5	6.2
44	ALAMANCE	13	8	6	8.6	5.2	3.9	5.9
45	HYDE	1	0	0	17.2	0.0	0.0	5.7
46	DAVIE	3	2	2	7.3	4.8	4.8	5.6
47	LEE	6	1	2	10.4	1.7	3.4	5.2
48	ONslow	10	8	8	5.6	4.5	4.5	4.8
48	MONTGOMERY	2	2	0	7.2	7.2	0.0	4.8
48	MADISON	0	2	1	0.0	9.6	4.8	4.8
48	WARREN	2	1	0	9.5	4.8	0.0	4.8

Continued

**Table 5. N. C. AIDS Cases by County Rank\* Order (by Year Diagnosed) (Cont.)**

\*Rank based on three-year average rate

Rank	COUNTY	2010 CASES	2011 CASES	2012 CASES	2010 RATE	2011 RATE	2012 RATE	AVG RATE*
52	UNION	5	16	8	2.5	7.8	3.9	4.7
52	NEW HANOVER	8	12	9	3.9	5.8	4.4	4.7
52	RANDOLPH	8	6	6	5.6	4.2	4.2	4.7
55	BRUNSWICK	6	6	3	5.6	5.4	2.7	4.6
56	CRAVEN	8	3	3	7.7	2.9	2.9	4.5
57	CATAWBA	7	2	11	4.5	1.3	7.1	4.3
58	PERSON	5	0	0	12.7	0.0	0.0	4.2
58	CHATHAM	4	3	1	6.3	4.7	1.6	4.2
60	JACKSON	1	2	2	2.5	5.0	5.0	4.1
61	CARTERET	3	3	2	4.5	4.5	3.0	4.0
62	RUTHERFORD	1	5	2	1.5	7.4	3.0	3.9
62	ROCKINGHAM	0	9	2	0.0	9.6	2.1	3.9
64	LINCOLN	5	1	3	6.4	1.3	3.8	3.8
65	ROWAN	6	3	6	4.3	2.2	4.3	3.6
65	ALEXANDER	2	0	2	5.4	0.0	5.4	3.6
67	CABARRUS	5	6	7	2.8	3.3	3.9	3.3
67	POLK	0	1	1	0.0	4.9	4.9	3.3
69	DAVIDSON	2	5	8	1.2	3.1	4.9	3.1
70	TRANSYLVANIA	0	3	0	0.0	9.1	0.0	3.0
71	DARE	1	2	0	2.9	5.8	0.0	2.9
72	HAYWOOD	1	3	1	1.7	5.1	1.7	2.8
72	CASWELL	1	1	0	4.2	4.3	0.0	2.8
72	CURRITUCK	2	0	0	8.5	0.0	0.0	2.8
75	STANLY	1	2	2	1.7	3.3	3.3	2.7
76	PAMLICO	0	1	0	0.0	7.6	0.0	2.5
76	PENDER	0	3	1	0.0	5.6	1.9	2.5
76	HENDERSON	4	3	1	3.7	2.8	0.9	2.5
76	PERQUIMANS	1	0	0	7.4	0.0	0.0	2.5
80	MITCHELL	0	1	0	0.0	6.5	0.0	2.2
81	IREDELL	2	1	7	1.3	0.6	4.3	2.1
82	CALDWELL	2	1	2	2.4	1.2	2.4	2.0
82	MACON	1	1	0	2.9	2.9	0.0	2.0
84	WILKES	2	1	1	2.9	1.4	1.4	1.9
84	AVERY	1	0	0	5.6	0.0	0.0	1.9
86	SURRY	1	0	3	1.4	0.0	4.1	1.8
87	YADKIN	1	1	0	2.6	2.6	0.0	1.7
87	ORANGE	2	3	2	1.5	2.2	1.5	1.7
89	MCDOWELL	0	1	1	0.0	2.2	2.2	1.5
89	BURKE	2	1	1	2.2	1.1	1.1	1.5
91	STOKES	2	0	0	4.2	0.0	0.0	1.4
92	ALLEGHANY	0	0	0	0.0	0.0	0.0	0.0
92	ASHE	0	0	0	0.0	0.0	0.0	0.0
92	CHEROKEE	0	0	0	0.0	0.0	0.0	0.0
92	CHOWAN	0	0	0	0.0	0.0	0.0	0.0
92	GATES	0	0	0	0.0	0.0	0.0	0.0
92	GRAHAM	0	0	0	0.0	0.0	0.0	0.0
92	SWAIN	0	0	0	0.0	0.0	0.0	0.0
92	WATAUGA	0	0	0	0.0	0.0	0.0	0.0
92	YANCEY	0	0	0	0.0	0.0	0.0	0.0

\*three-year average of rates per 100,000 \*\*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)



**Table 6. N. C. AIDS Cases by County of AIDS Diagnosis, 2008-2012**

COUNTY	2008 Cases	2009 Cases	2010 Cases	2011 Cases	2012 Cases	2008 Rate*	2009 Rate*	2010 Rate*	2011 Rate*	2012 Rate*
ALAMANCE	12	12	13	8	6	8.1	8.0	8.6	5.2	3.9
ALEXANDER	2	2	2	0	2	5.5	5.4	5.4	0.0	5.4
ALLEGHANY	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
ANSON	5	0	2	1	2	19.8	0.0	7.4	3.8	7.5
ASHE	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
AVERY	0	1	1	0	0	0.0	5.6	5.6	0.0	0.0
BEAUFORT	7	6	1	6	2	15.1	12.9	2.1	12.6	4.2
BERTIE	3	3	1	5	1	15.4	15.5	4.7	24.0	4.8
BLADEN	7	0	7	8	1	21.6	0.0	19.9	22.9	2.9
BRUNSWICK	10	6	6	6	3	9.6	5.6	5.6	5.4	2.7
BUNCOMBE	13	3	10	21	23	5.7	1.3	4.2	8.7	9.5
BURKE	5	4	2	1	1	5.6	4.5	2.2	1.1	1.1
CABARRUS	6	4	5	6	7	3.6	2.3	2.8	3.3	3.9
CALDWELL	3	1	2	1	2	3.8	1.3	2.4	1.2	2.4
CAMDEN	1	1	1	1	0	10.4	10.3	10.0	10.0	0.0
CARTERET	4	2	3	3	2	6.3	3.1	4.5	4.5	3.0
CASWELL	2	1	1	1	0	8.6	4.3	4.2	4.3	0.0
CATAWBA	10	14	7	2	11	6.3	8.8	4.5	1.3	7.1
CHATHAM	1	1	4	3	1	1.6	1.5	6.3	4.7	1.6
CHEROKEE	1	0	0	0	0	3.8	0.0	0.0	0.0	0.0
CHOWAN	4	1	0	0	0	27.2	6.8	0.0	0.0	0.0
CLAY	0	0	1	2	0	0.0	0.0	9.5	18.9	0.0
CLEVELAND	8	8	5	9	6	8.1	8.1	5.1	9.2	6.2
COLUMBUS	6	6	8	6	8	11.1	11.1	13.8	10.4	13.9
CRAVEN	10	15	8	3	3	10.3	15.2	7.7	2.9	2.9
CUMBERLAND	46	43	37	48	25	14.8	13.6	11.6	14.8	7.7
CURRITUCK	1	2	2	0	0	4.1	8.3	8.5	0.0	0.0
DARE	1	2	1	2	0	2.9	5.8	2.9	5.8	0.0
DAVIDSON	13	9	2	5	8	8.2	5.7	1.2	3.1	4.9
DAVIE	1	0	3	2	2	2.4	0.0	7.3	4.8	4.8
DUPLIN	4	5	5	6	2	7.5	9.4	8.5	10.1	3.4
DURHAM	42	32	35	23	25	16.0	11.9	13.0	8.4	9.1
EDGECOMBE	15	18	12	17	12	28.6	34.7	21.2	30.3	21.4
FORSYTH	29	48	26	41	25	8.2	13.3	7.4	11.6	7.0
FRANKLIN	2	5	8	5	1	3.4	8.3	13.2	8.2	1.6
GASTON	12	21	23	32	17	5.8	10.0	11.2	15.5	8.2
GATES	0	2	0	0	0	0.0	17.0	0.0	0.0	0.0
GRAHAM	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
GRANVILLE	4	6	6	2	6	7.0	10.4	10.0	3.3	10.0
GREENE	1	2	4	0	1	4.8	9.7	18.7	0.0	4.6
GUILFORD	66	60	48	50	40	13.9	12.5	9.8	10.1	8.1
HALIFAX	11	9	3	9	8	20.0	16.5	5.5	16.6	14.8
HARNETT	13	12	11	10	5	11.6	10.4	9.5	8.4	4.2
HAYWOOD	2	3	1	3	1	3.5	5.3	1.7	5.1	1.7
HENDERSON	2	4	4	3	1	2.0	3.9	3.7	2.8	0.9
HERTFORD	3	4	1	4	3	12.8	17.2	4.1	16.4	12.3
HOKE	6	4	7	7	5	13.7	8.9	14.7	14.2	10.1
HYDE	0	0	1	0	0	0.0	0.0	17.2	0.0	0.0
IREDELL	8	5	2	1	7	5.1	3.2	1.3	0.6	4.3
JACKSON	0	1	1	2	2	0.0	2.7	2.5	5.0	5.0
JOHNSTON	14	9	12	12	12	8.6	5.3	7.1	7.0	7.0
JONES	0	3	3	1	1	0.0	29.8	29.5	10.0	10.0
LEE	3	8	6	1	2	5.1	13.2	10.4	1.7	3.4

Continued

Table 6. N. C. AIDS Cases by County of AIDS Diagnosis, 2008-2012 (Cont.)

COUNTY	2008 Cases	2009 Cases	2010 Cases	2011 Cases	2012 Cases	2008 Rate*	2009 Rate*	2010 Rate*	2011 Rate*	2012 Rate*
LENOIR	14	15	11	2	8	24.7	26.6	18.5	3.4	13.5
LINCOLN	2	0	5	1	3	2.7	0.0	6.4	1.3	3.8
MACON	1	2	1	1	0	3.0	6.0	2.9	2.9	0.0
MADISON	0	0	0	2	1	0.0	0.0	0.0	9.6	4.8
MARTIN	1	6	1	1	3	4.3	25.7	4.1	4.1	12.4
MCDOWELL	0	1	0	1	1	0.0	2.3	0.0	2.2	2.2
MECKLENBURG	156	172	126	134	226	17.5	18.8	13.6	14.2	23.9
MITCHELL	1	2	0	1	0	6.4	12.8	0.0	6.5	0.0
MONTGOMERY	1	1	2	2	0	3.6	3.6	7.2	7.2	0.0
MOORE	6	3	3	10	8	7.0	3.4	3.4	11.2	9.0
NASH	11	13	14	7	11	11.7	13.7	14.6	7.3	11.4
NEW HANOVER	18	11	8	12	9	9.3	5.6	3.9	5.8	4.4
NORTHAMPTON	3	5	2	3	3	14.7	24.8	9.1	13.7	13.7
ONSLow	6	5	10	8	8	3.5	2.9	5.6	4.5	4.5
ORANGE	6	2	2	3	2	4.7	1.5	1.5	2.2	1.5
PAMLICO	0	1	0	1	0	0.0	8.1	0.0	7.6	0.0
PASQUOTANK	3	3	6	3	2	7.2	7.2	14.7	7.4	4.9
PENDER	2	3	0	3	1	3.9	5.7	0.0	5.6	1.9
PERQUIMANS	0	2	1	0	0	0.0	15.7	7.4	0.0	0.0
PERSON	4	4	5	0	0	10.7	10.6	12.7	0.0	0.0
PITT	21	24	25	21	25	13.5	15.1	14.8	12.3	14.6
POLK	0	1	0	1	1	0.0	5.2	0.0	4.9	4.9
RANDOLPH	3	4	8	6	6	2.1	2.8	5.6	4.2	4.2
RICHMOND	6	4	4	8	4	13.0	8.7	8.6	17.2	8.6
ROBESON	17	11	19	17	20	13.2	8.5	14.1	12.5	14.8
ROCKINGHAM	4	1	0	9	2	4.3	1.1	0.0	9.6	2.1
ROWAN	10	6	6	3	6	7.2	4.3	4.3	2.2	4.3
RUTHERFORD	1	0	1	5	2	1.6	0.0	1.5	7.4	3.0
SAMPSON	5	8	4	6	4	7.9	12.6	6.3	9.4	6.3
SCOTLAND	6	2	4	4	5	16.4	5.5	11.1	11.2	13.9
STANLY	1	2	1	2	2	1.7	3.3	1.7	3.3	3.3
STOKES	0	1	2	0	0	0.0	2.2	4.2	0.0	0.0
SURRY	3	1	1	0	3	4.1	1.4	1.4	0.0	4.1
SWAIN	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
TRANSYLVANIA	0	1	0	3	0	0.0	3.3	0.0	9.1	0.0
TYRRELL	0	0	0	0	1	0.0	0.0	0.0	0.0	22.9
UNION	9	8	5	16	8	4.7	4.0	2.5	7.8	3.9
VANCE	4	3	5	3	7	9.3	7.0	11.0	6.6	15.5
WAKE	119	109	83	74	70	13.7	12.1	9.2	8.0	7.5
WARREN	0	0	2	1	0	0.0	0.0	9.5	4.8	0.0
WASHINGTON	2	1	2	2	3	15.4	7.8	15.2	15.4	23.1
WATAUGA	1	3	0	0	0	2.2	6.6	0.0	0.0	0.0
WAYNE	10	9	9	17	11	8.8	7.9	7.3	13.7	8.9
WILKES	2	0	2	1	1	3.0	0.0	2.9	1.4	1.4
WILSON	13	19	8	10	12	16.7	24.2	9.8	12.3	14.7
YADKIN	1	0	1	1	0	2.7	0.0	2.6	2.6	0.0
YANCEY	0	2	0	0	0	0.0	10.8	0.0	0.0	0.0
Unassigned**	40	68	49	27	27	---	---	---	---	---
NC TOTAL	932	947	792	811	798	10.1	10.1	8.3	8.4	8.3

\*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)

**Table 7. N. C. Chlamydia Cases by County of Report, 2008-2012**

COUNTY	2008	2009	2010	2011	2012	2008	2009	2010	2011	2012
	Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
ALAMANCE	586	555	629	695	725	396.2	369.1	415.1	453.4	473.0
ALEXANDER	59	91	67	76	76	161.3	247.4	180.0	204.9	204.9
ALLEGHANY	7	11	6	22	17	63.5	100.3	53.8	199.1	153.8
ANSON	158	215	168	189	182	627.3	858.1	624.2	710.3	684.0
ASHE	25	24	21	28	22	97.3	93.0	76.9	103.2	81.1
AVERY	11	15	29	9	10	61.4	83.6	163.4	51.2	56.9
BEAUFORT	227	224	209	219	326	489.8	482.6	437.4	459.2	683.6
BERTIE	174	137	158	175	148	893.9	708.2	742.8	838.4	709.0
BLADEN	206	213	195	190	181	635.6	658.6	553.8	544.0	518.2
BRUNSWICK	208	239	242	368	281	199.8	223.2	223.9	334.3	255.2
BUNCOMBE	676	653	714	755	768	294.7	282.1	298.9	312.7	318.1
BURKE	213	274	251	209	225	238.6	306.0	276.6	229.9	247.5
CABARRUS	594	681	585	706	722	352.4	395.4	327.6	389.0	397.9
CALDWELL	158	177	167	266	195	197.8	221.5	201.2	322.8	236.7
CAMDEN	15	13	9	14	16	155.7	133.6	90.0	139.8	159.8
CARTERET	165	247	206	195	214	259.7	383.4	308.8	289.4	317.6
CASWELL	65	88	86	74	81	280.3	382.5	362.6	316.2	346.1
CATAWBA	425	535	581	564	557	269.8	336.2	376.4	365.8	361.3
CHATHAM	95	144	141	147	142	149.9	222.3	221.0	229.0	221.2
CHEROKEE	27	22	35	34	39	101.7	83.6	127.6	125.0	143.4
CHOWAN	56	100	85	69	85	381.3	676.4	575.8	464.6	572.3
CLAY	10	8	5	7	14	97.1	77.4	47.3	66.3	132.5
CLEVELAND	356	402	407	495	498	359.5	404.9	415.2	507.7	510.8
COLUMBUS	279	264	192	375	257	513.9	486.9	331.2	649.8	445.3
CRAVEN	585	602	574	791	535	600.6	611.0	552.3	754.9	510.6
CUMBERLAND	2,311	2,802	1,730	3,593	3,587	743.8	888.9	540.3	1,105.1	1,104.1
CURRITUCK	33	42	39	66	51	136.6	173.4	164.9	275.5	212.9
DARE	27	72	82	92	90	79.3	209.9	241.1	268.2	262.3
DAVIDSON	401	449	442	519	487	253.8	283.1	271.4	319.0	299.3
DAVIE	79	103	62	75	83	192.3	248.7	150.0	180.5	199.7
DUPLIN	257	210	204	246	208	484.7	394.9	347.3	413.2	349.3
DURHAM	1,460	1,471	1,642	1,923	2,328	555.0	545.4	611.7	703.4	851.5
EDGECOMBE	546	621	646	661	645	1042.1	1197.1	1142.1	1179.1	1150.9
FORSYTH	2,332	3,048	2,503	2,688	2,703	656.6	847.5	712.3	757.3	761.5
FRANKLIN	148	170	126	178	250	250.7	282.9	207.1	291.1	408.9
GASTON	700	773	880	1,435	892	338.4	369.9	426.8	693.1	430.9
GATES	41	35	46	55	49	349.1	297.4	377.3	456.7	406.9
GRAHAM	15	9	7	11	20	188.0	112.5	78.8	125.0	227.2
GRANVILLE	205	224	216	234	289	359.1	388.6	359.6	390.2	481.9
GREENE	135	118	92	122	104	653.6	571.2	430.0	566.0	482.5
GUILFORD	2,333	2,994	2,398	5,010	3,948	492.1	623.3	489.7	1,011.1	797.1
HALIFAX	478	402	348	370	426	867.6	736.5	638.0	683.0	786.4
HARNETT	366	334	450	468	416	326.7	288.5	388.6	392.4	348.8
HAYWOOD	41	98	65	137	132	72.1	171.6	110.2	232.8	224.3
HENDERSON	153	137	166	208	229	149.4	132.2	155.2	192.7	212.2
HERTFORD	157	189	194	221	171	672.2	811.8	788.0	904.5	699.9
HOKE	200	223	114	299	277	458.2	493.9	240.0	606.8	562.2
HYDE	25	16	14	16	13	475.3	307.0	240.6	274.8	223.3
IREDELL	442	516	452	560	542	284.0	326.3	282.9	347.4	336.2
JACKSON	96	122	107	176	154	260.9	330.7	265.3	436.9	382.3
JOHNSTON	524	407	474	545	464	320.9	241.5	279.4	315.8	268.8
JONES	31	38	40	44	33	311.2	377.3	393.8	439.1	329.3
LEE	182	230	226	275	281	307.8	380.3	390.3	468.1	478.3

\*Rate per 100,000

Continued

Table 7. N. C. Chlamydia Cases by County of Report, 2008-2012 (Cont.)

COUNTY	2008	2009	2010	2011	2012	2008	2009	2010	2011	2012
	Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
LENOIR	320	351	344	345	360	564.6	622.5	579.1	581.4	606.7
LINCOLN	141	172	210	197	187	188.6	226.2	267.9	249.6	236.9
MACON	39	37	58	78	50	117.8	111.3	171.0	228.9	146.7
MADISON	32	24	19	54	46	157.1	117.4	91.4	259.4	221.0
MARTIN	130	162	165	152	167	553.5	694.2	673.7	628.6	690.7
MCDOWELL	97	88	72	75	108	220.9	200.1	159.8	166.3	239.4
MECKLENBURG	4,018	5,840	4,627	7,456	6,287	450.2	639.2	501.2	789.5	665.7
MITCHELL	17	12	13	16	15	108.3	76.8	83.6	103.6	97.1
MONTGOMERY	82	64	93	101	90	296.0	230.7	334.7	365.1	325.3
MOORE	310	192	227	257	269	360.3	220.3	256.3	287.6	301.1
NASH	578	581	650	623	590	614.1	613.2	678.1	648.2	613.8
NEW HANOVER	910	891	698	1,159	1,066	472.2	456.7	343.4	562.1	517.0
NORTHAMPTON	134	143	91	132	139	655.0	710.2	412.7	602.9	634.9
ONSLow	1,072	1,081	1,134	1,184	1,495	633.4	624.6	631.8	658.8	831.9
ORANGE	327	379	336	544	456	257.5	293.6	250.4	400.7	335.9
PAMLICO	37	35	36	37	34	297.7	281.8	274.2	280.4	257.6
PASQUOTANK	206	258	240	255	314	497.1	620.5	589.5	626.6	771.6
PENDER	164	124	107	161	133	320.1	236.7	204.0	301.5	249.1
PERQUIMANS	36	66	40	36	58	281.9	518.3	296.5	266.9	430.0
PERSON	164	124	125	189	171	437.3	329.2	316.9	476.8	431.4
PITT	1,224	1,405	1,760	1,912	1,663	784.9	883.3	1043.	1117.	971.8
POLK	25	14	17	21	32	130.0	72.7	83.1	103.7	158.0
RANDOLPH	280	308	360	405	399	198.6	216.7	253.7	284.5	280.3
RICHMOND	161	286	204	201	213	349.8	622.1	437.3	431.2	457.0
ROBESON	1,034	1,035	1,021	1,150	1,141	803.4	798.9	759.2	848.6	842.0
ROCKINGHAM	301	334	271	404	380	326.8	362.1	289.4	432.9	407.2
ROWAN	599	556	554	663	680	428.7	394.9	400.5	480.4	492.7
RUTHERFORD	200	183	192	227	253	315.3	288.6	283.3	336.1	374.6
SAMPSON	235	249	224	278	193	370.4	390.8	352.4	436.2	302.8
SCOTLAND	236	182	177	232	259	646.9	501.5	490.3	646.9	722.2
STANLY	160	235	324	218	165	268.1	393.0	534.8	359.6	272.2
STOKES	79	84	87	108	104	171.2	182.0	183.7	228.6	220.1
SURRY	97	105	133	169	160	134.0	144.8	180.4	229.3	217.1
SWAIN	23	20	42	97	75	171.9	149.2	300.2	690.7	534.1
TRANSYLVANIA	61	69	81	110	92	202.3	228.5	244.9	335.2	280.3
TYRRELL	23	24	20	24	14	560.4	588.5	452.8	550.0	320.8
UNION	360	485	440	515	515	186.1	244.2	217.6	250.7	250.7
VANCE	263	370	396	484	491	611.8	859.3	872.7	1068.	1083.7
WAKE	3,121	3,590	4,530	4,748	4,667	359.5	400.1	499.6	510.7	501.9
WARREN	91	107	119	115	110	465.9	550.8	568.2	551.3	527.3
WASHINGTON	80	70	79	82	84	617.3	544.7	598.8	632.1	647.5
WATAUGA	59	79	96	92	94	129.9	173.7	188.1	179.2	183.1
WAYNE	718	712	887	876	820	633.1	625.6	722.0	708.2	662.9
WILKES	130	154	141	136	160	194.8	231.4	203.5	197.1	231.9
WILSON	341	585	1,122	539	533	438.9	746.6	1378.	661.7	654.4
YADKIN	47	69	51	72	64	124.7	183.0	132.8	188.1	167.2
YANCEY	25	13	27	26	20	134.9	70.1	151.9	146.9	113.0
UNKNOWN	0	0	0	0	2	---	---	---	---	---
NC TOTAL	37,885	43,734	42,167	53,854	50,606	409.7	466.2	441.1	557.7	524.1

\*Rate per 100,000

**Table 8. N. C. Gonorrhea Cases by County of Report, 2008-2012**

COUNTY	2008	2009	2010	2011	2012	2008	2009	2010	2011	2012
	Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
ALAMANCE	226	204	317	325	256	152.8	135.7	209.2	212.0	167.0
ALEXANDER	11	12	7	18	9	30.1	32.6	18.8	48.5	24.3
ALLEGHANY	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
ANSON	106	168	82	74	65	420.8	670.5	304.7	278.1	244.3
ASHE	4	1	2	2	2	15.6	3.9	7.3	7.4	7.4
AVERY	2	1	3	2	1	11.2	5.6	16.9	11.4	5.7
BEAUFORT	75	89	67	81	82	161.8	191.8	140.2	169.8	171.9
BERTIE	70	54	48	59	59	359.6	279.1	225.7	282.6	282.6
BLADEN	60	56	55	70	44	185.1	173.1	156.2	200.4	126.0
BRUNSWICK	69	43	58	52	77	66.3	40.2	53.7	47.2	69.9
BUNCOMBE	185	174	193	175	159	80.7	75.2	80.8	72.5	65.9
BURKE	69	57	81	79	70	77.3	63.7	89.3	86.9	77.0
CABARRUS	145	154	151	151	141	86.0	89.4	84.6	83.2	77.7
CALDWELL	52	33	36	62	44	65.1	41.3	43.4	75.2	53.4
CAMDEN	6	3	5	7	5	62.3	30.8	50.0	69.9	49.9
CARTERET	32	42	47	40	49	50.4	65.2	70.4	59.4	72.7
CASWELL	21	28	31	22	20	90.6	121.7	130.7	94.0	85.5
CATAWBA	184	158	186	210	156	116.8	99.3	120.5	136.2	101.2
CHATHAM	21	26	29	33	37	33.1	40.1	45.5	51.4	57.6
CHEROKEE	0	1	3	1	16	0.0	3.8	10.9	3.7	58.8
CHOWAN	24	33	27	43	8	163.4	223.2	182.9	289.5	53.9
CLAY	1	0	1	0	1	9.7	0.0	9.5	0.0	9.5
CLEVELAND	174	126	156	173	163	175.7	126.9	159.2	177.5	167.2
COLUMBUS	107	82	78	149	81	197.1	151.2	134.5	258.2	140.4
CRAVEN	181	116	159	260	145	185.8	117.7	153.0	248.1	138.4
CUMBERLAND	1,138	1,069	733	1,479	1,170	366.3	339.1	228.9	455.2	360.1
CURRITUCK	12	21	18	10	8	49.7	86.7	76.1	41.7	33.4
DARE	10	15	25	11	3	29.4	43.7	73.5	32.1	8.7
DAVIDSON	106	75	124	121	101	67.1	47.3	76.1	74.4	62.1
DAVIE	18	18	6	6	12	43.8	43.5	14.5	14.4	28.9
DUPLIN	46	67	60	75	70	86.8	126.0	102.1	126.0	117.6
DURHAM	728	561	680	747	820	276.8	208.0	253.3	273.2	299.9
EDGECOMBE	289	277	272	260	180	551.5	534.2	481.0	463.9	321.2
FORSYTH	662	847	774	854	712	186.4	235.5	220.3	240.6	200.6
FRANKLIN	88	81	57	66	98	149.1	134.8	93.7	107.9	160.3
GASTON	411	383	334	357	194	198.7	183.3	162.0	172.4	93.7
GATES	16	11	14	12	17	136.2	93.5	114.8	99.6	141.2
GRAHAM	2	0	0	1	1	25.1	0.0	0.0	11.4	11.4
GRANVILLE	86	68	93	67	87	150.6	118.0	154.8	111.7	145.1
GREENE	52	39	53	23	28	251.8	188.8	247.7	106.7	129.9
GUILFORD	1,034	1,100	871	1,981	1,473	218.1	229.0	177.9	400.0	297.4
HALIFAX	151	176	152	145	128	274.1	322.5	278.7	267.7	236.3
HARNETT	160	85	117	203	96	142.8	73.4	101.0	170.2	80.5
HAYWOOD	3	14	2	12	11	5.3	24.5	3.4	20.4	18.7
HENDERSON	42	29	45	75	72	41.0	28.0	42.1	69.5	66.7
HERTFORD	73	89	82	80	44	312.5	382.3	333.1	327.4	180.1
HOKE	86	70	52	148	116	197.0	155.0	109.5	300.4	235.4
HYDE	4	4	6	3	2	76.0	76.8	103.1	51.5	34.4
IREDELL	236	235	210	174	120	151.7	148.6	131.4	107.9	74.4
JACKSON	17	11	13	28	38	46.2	29.8	32.2	69.5	94.3
JOHNSTON	229	128	82	118	94	140.2	76.0	48.3	68.4	54.5
JONES	10	13	17	11	7	100.4	129.1	167.4	109.8	69.9
LEE	59	50	77	126	97	99.8	82.7	133.0	214.5	165.1

\*Rate per 100,000

Continued

**Table 8. N. C. Gonorrhea Cases by County of Report, 2008-2012 (Cont.)**

COUNTY	2008	2009	2010	2011	2012	2008	2009	2010	2011	2012
	Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
LENOIR	166	128	162	128	111	292.9	227.0	272.7	215.7	187.1
LINCOLN	38	44	39	57	36	50.8	57.9	49.8	72.2	45.6
MACON	1	2	4	6	7	3.0	6.0	11.8	17.6	20.5
MADISON	6	8	3	6	5	29.5	39.1	14.4	28.8	24.0
MARTIN	35	63	56	48	61	149.0	270.0	228.7	198.5	252.3
MCDOWELL	31	27	8	9	10	70.6	61.4	17.8	20.0	22.2
MECKLENBURG	1,872	2,035	1,516	2,269	1,848	209.8	222.7	164.2	240.3	195.7
MITCHELL	2	0	1	0	1	12.7	0.0	6.4	0.0	6.5
MONTGOMERY	20	21	19	25	14	72.2	75.7	68.4	90.4	50.6
MOORE	106	98	82	46	47	123.2	112.4	92.6	51.5	52.6
NASH	256	225	250	224	210	272.0	237.5	260.8	233.1	218.5
NEW HANOVER	373	312	220	255	262	193.6	159.9	108.2	123.7	127.1
NORTHAMPTON	74	61	44	74	49	361.7	302.9	199.5	338.0	223.8
ONslow	296	273	297	294	250	174.9	157.7	165.5	163.6	139.1
ORANGE	77	82	88	122	85	60.6	63.5	65.6	89.9	62.6
PAMLICO	3	5	13	17	8	24.1	40.3	99.0	128.8	60.6
PASQUOTANK	116	137	111	113	88	279.9	329.5	272.6	277.7	216.2
PENDER	33	31	23	33	23	64.4	59.2	43.9	61.8	43.1
PERQUIMANS	12	24	14	14	14	94.0	188.5	103.8	103.8	103.8
PERSON	33	28	30	40	35	88.0	74.3	76.0	100.9	88.3
PITT	535	581	550	603	351	343.1	365.3	325.9	352.4	205.1
POLK	5	5	5	4	10	26.0	26.0	24.5	19.7	49.4
RANDOLPH	61	50	87	107	47	43.3	35.2	61.3	75.2	33.0
RICHMOND	74	144	65	60	67	160.8	313.2	139.3	128.7	143.7
ROBESON	670	464	402	379	321	520.6	358.1	298.9	279.7	236.9
ROCKINGHAM	96	92	84	164	121	104.2	99.7	89.7	175.7	129.6
ROWAN	241	227	276	190	204	172.5	161.2	199.5	137.7	147.8
RUTHERFORD	70	30	44	56	35	110.3	47.3	64.9	82.9	51.8
SAMPSON	93	81	84	120	99	146.6	127.1	132.1	188.3	155.3
SCOTLAND	99	101	95	131	93	271.4	278.3	263.2	365.3	259.3
STANLY	32	104	122	43	34	53.6	173.9	201.4	70.9	56.1
STOKES	10	14	6	14	11	21.7	30.3	12.7	29.6	23.3
SURRY	16	24	16	19	19	22.1	33.1	21.7	25.8	25.8
SWAIN	4	1	5	9	21	29.9	7.5	35.7	64.1	149.5
TRANSYLVANIA	13	19	15	10	5	43.1	62.9	45.4	30.5	15.2
TYRRELL	9	9	6	3	3	219.3	220.7	135.8	68.7	68.7
UNION	164	204	133	162	172	84.8	102.7	65.8	78.8	83.7
VANCE	130	168	205	146	207	302.4	390.2	451.8	322.2	456.9
WAKE	1,030	1,010	1,249	1,355	1,340	118.7	112.6	137.7	145.7	144.1
WARREN	49	43	58	52	66	250.9	221.4	276.9	249.3	316.4
WASHINGTON	33	30	22	17	13	254.6	233.4	166.7	131.0	100.2
WATAUGA	7	5	6	11	8	15.4	11.0	11.8	21.4	15.6
WAYNE	259	332	293	237	221	228.4	291.7	238.5	191.6	178.7
WILKES	14	16	13	14	12	21.0	24.0	18.8	20.3	17.4
WILSON	137	238	529	181	183	176.3	303.8	650.1	222.2	224.7
YADKIN	15	13	11	8	6	39.8	34.5	28.6	20.9	15.7
YANCEY	3	5	1	2	0	16.2	27.0	5.6	11.3	0.0
UNKNOWN	0	0	0	0	0	---	---	---	---	---
NC TOTAL	15,012	14,811	14,153	17,158	14,322	162.3	157.9	148.0	177.7	148.3

\*Rate per 100,000

**Table 9. N. C. Primary and Secondary Syphilis Cases  
by County of Report, 2008-2012**

COUNTY	2008	2009	2010	2011	2012	2008	2009	2010	2011	2012
	Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
ALAMANCE	5	2	3	9	3	3.4	1.3	2.0	5.9	2.0
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	0	0	1	1	0	0.0	0.0	3.7	3.8	0.0
ASHE	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
AVERY	0	0	1	0	0	0.0	0.0	5.6	0.0	0.0
BEAUFORT	0	3	1	0	2	0.0	6.5	2.1	0.0	4.2
BERTIE	0	0	0	5	0	0.0	0.0	0.0	24.0	0.0
BLADEN	0	1	1	0	1	0.0	3.1	2.8	0.0	2.9
BRUNSWICK	2	0	0	0	2	1.9	0.0	0.0	0.0	1.8
BUNCOMBE	7	9	4	8	3	3.1	3.9	1.7	3.3	1.2
BURKE	1	2	0	2	0	1.1	2.2	0.0	2.2	0.0
CABARRUS	2	4	2	9	2	1.2	2.3	1.1	5.0	1.1
CALDWELL	1	0	0	0	0	1.3	0.0	0.0	0.0	0.0
CAMDEN	0	1	0	0	0	0.0	10.3	0.0	0.0	0.0
CARTERET	0	0	0	1	1	0.0	0.0	0.0	1.5	1.5
CASWELL	0	0	1	1	0	0.0	0.0	4.2	4.3	0.0
CATAWBA	1	3	0	0	1	0.6	1.9	0.0	0.0	0.6
CHATHAM	0	0	3	2	1	0.0	0.0	4.7	3.1	1.6
CHEROKEE	1	0	0	1	0	3.8	0.0	0.0	3.7	0.0
CHOWAN	0	0	0	0	1	0.0	0.0	0.0	0.0	6.7
CLAY	0	0	0	1	1	0.0	0.0	0.0	9.5	9.5
CLEVELAND	3	3	3	0	1	3.0	3.0	3.1	0.0	1.0
COLUMBUS	0	1	1	0	1	0.0	1.8	1.7	0.0	1.7
CRAVEN	3	3	4	7	5	3.1	3.0	3.8	6.7	4.8
CUMBERLAND	11	9	20	18	11	3.5	2.9	6.2	5.5	3.4
CURRITUCK	0	1	0	0	1	0.0	4.1	0.0	0.0	4.2
DARE	0	1	1	0	0	0.0	2.9	2.9	0.0	0.0
DAVIDSON	0	3	2	5	4	0.0	1.9	1.2	3.1	2.5
DAVIE	3	0	0	0	0	7.3	0.0	0.0	0.0	0.0
DUPLIN	0	2	3	0	0	0.0	3.8	5.1	0.0	0.0
DURHAM	24	25	14	11	20	9.1	9.3	5.2	4.0	7.3
EDGECOMBE	3	9	3	5	4	5.7	17.4	5.3	8.9	7.1
FORSYTH	26	123	68	23	22	7.3	34.2	19.4	6.5	6.2
FRANKLIN	2	1	1	1	0	3.4	1.7	1.6	1.6	0.0
GASTON	5	12	4	4	2	2.4	5.7	1.9	1.9	1.0
GATES	1	0	0	0	0	8.5	0.0	0.0	0.0	0.0
GRAHAM	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
GRANVILLE	0	1	0	0	1	0.0	1.7	0.0	0.0	1.7
GREENE	0	2	0	2	0	0.0	9.7	0.0	9.3	0.0
GUILFORD	34	46	39	57	35	7.2	9.6	8.0	11.5	7.1
HALIFAX	2	1	2	3	2	3.6	1.8	3.7	5.5	3.7
HARNETT	0	2	2	0	4	0.0	1.7	1.7	0.0	3.4
HAYWOOD	1	1	0	2	0	1.8	1.8	0.0	3.4	0.0
HENDERSON	0	3	1	0	1	0.0	2.9	0.9	0.0	0.9
HERTFORD	0	0	1	0	1	0.0	0.0	4.1	0.0	4.1
HOKE	1	0	1	0	0	2.3	0.0	2.1	0.0	0.0
HYDE	0	1	0	0	0	0.0	19.2	0.0	0.0	0.0
IREDELL	0	3	1	1	6	0.0	1.9	0.6	0.6	3.7
JACKSON	2	2	0	0	0	5.4	5.4	0.0	0.0	0.0
JOHNSTON	2	2	2	2	0	1.2	1.2	1.2	1.2	0.0
JONES	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0

\*Rate per 100,000

Continued

**Table 9. N. C. Primary and Secondary Syphilis Cases  
by County of Report, 2008-2012 (Cont.)**

COUNTY	2008	2009	2010	2011	2012	2008	2009	2010	2011	2012
	Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
LEE	0	4	0	2	0	0.0	6.6	0.0	3.4	0.0
LENOIR	0	4	2	4	7	0.0	7.1	3.4	6.7	11.8
LINCOLN	1	2	0	0	0	1.3	2.6	0.0	0.0	0.0
MACON	0	1	0	1	0	0.0	3.0	0.0	2.9	0.0
MADISON	0	1	0	0	0	0.0	4.9	0.0	0.0	0.0
MARTIN	1	1	0	1	0	4.3	4.3	0.0	4.1	0.0
MCDOWELL	0	1	0	0	0	0.0	2.3	0.0	0.0	0.0
MECKLENBURG	48	117	93	120	88	5.4	12.8	10.1	12.7	9.3
MITCHELL	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
MONTGOMERY	0	0	0	1	0	0.0	0.0	0.0	3.6	0.0
MOORE	1	2	0	1	1	1.2	2.3	0.0	1.1	1.1
NASH	11	7	6	10	3	11.7	7.4	6.3	10.4	3.1
NEW HANOVER	10	7	0	3	2	5.2	3.6	0.0	1.5	1.0
NORTHAMPTON	2	1	3	1	1	9.8	5.0	13.6	4.6	4.6
ONSLow	0	2	2	1	1	0.0	1.2	1.1	0.6	0.6
ORANGE	3	6	1	3	3	2.4	4.6	0.7	2.2	2.2
PAMLICO	0	0	1	0	0	0.0	0.0	7.6	0.0	0.0
PASQUOTANK	0	1	0	5	0	0.0	2.4	0.0	12.3	0.0
PENDER	3	1	0	2	0	5.9	1.9	0.0	3.7	0.0
PERQUIMANS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
PERSON	0	1	0	2	0	0.0	2.7	0.0	5.0	0.0
PITT	9	9	11	11	21	5.8	5.7	6.5	6.4	12.3
POLK	0	1	0	0	0	0.0	5.2	0.0	0.0	0.0
RANDOLPH	1	1	0	4	1	0.7	0.7	0.0	2.8	0.7
RICHMOND	1	0	1	0	1	2.2	0.0	2.1	0.0	2.1
ROBESON	0	2	2	5	5	0.0	1.5	1.5	3.7	3.7
ROCKINGHAM	3	0	3	1	4	3.3	0.0	3.2	1.1	4.3
ROWAN	0	3	6	6	4	0.0	2.1	4.3	4.3	2.9
RUTHERFORD	0	2	0	2	0	0.0	3.2	0.0	3.0	0.0
SAMPSON	1	1	2	1	1	1.6	1.6	3.1	1.6	1.6
SCOTLAND	0	1	0	0	0	0.0	2.8	0.0	0.0	0.0
STANLY	0	0	1	0	0	0.0	0.0	1.7	0.0	0.0
STOKES	1	2	2	0	0	2.2	4.3	4.2	0.0	0.0
SURRY	1	0	0	1	1	1.4	0.0	0.0	1.4	1.4
SWAIN	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
TRANSYLVANIA	0	1	0	1	0	0.0	3.3	0.0	3.0	0.0
TYRRELL	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
UNION	0	4	2	2	3	0.0	2.0	1.0	1.0	1.5
VANCE	2	2	4	0	1	4.7	4.6	8.8	0.0	2.2
WAKE	32	72	41	44	56	3.7	8.0	4.5	4.7	6.0
WARREN	0	2	0	0	0	0.0	10.3	0.0	0.0	0.0
WASHINGTON	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
WATAUGA	0	0	1	1	1	0.0	0.0	2.0	1.9	1.9
WAYNE	15	33	21	10	3	13.2	29.0	17.1	8.1	2.4
WILKES	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
WILSON	4	3	1	2	1	5.1	3.8	1.2	2.5	1.2
YADKIN	0	1	0	0	1	0.0	2.7	0.0	0.0	2.6
YANCEY	0	0	0	1	0	0.0	0.0	0.0	5.6	0.0
UNKNOWN	0	0	0	0	0	---	---	---	---	---
NC TOTAL	293	581	396	430	349	3.2	6.2	4.1	4.5	3.6

\*Rate per 100,000



**Table 10. N. C. Early Syphilis (Primary, Secondary, Early Latent) Cases by County of Report, 2008-2012**

COUNTY	2008	2009	2010	2011	2012	2008	2009	2010	2011	2012
	Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
ALAMANCE	6	7	7	13	6	4.1	4.7	4.6	8.5	3.9
ALEXANDER	0	0	0	1	1	0.0	0.0	0.0	2.7	2.7
ALLEGHANY	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
ANSON	2	0	1	1	1	7.9	0.0	3.7	3.8	3.8
ASHE	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
AVERY	0	0	1	0	0	0.0	0.0	5.6	0.0	0.0
BEAUFORT	0	4	2	2	4	0.0	8.6	4.2	4.2	8.4
BERTIE	0	0	0	10	0	0.0	0.0	0.0	47.9	0.0
BLADEN	0	5	1	2	2	0.0	15.5	2.8	5.7	5.7
BRUNSWICK	6	2	0	1	3	5.8	1.9	0.0	0.9	2.7
BUNCOMBE	17	16	7	11	5	7.4	6.9	2.9	4.6	2.1
BURKE	3	4	1	3	1	3.4	4.5	1.1	3.3	1.1
CABARRUS	4	8	3	15	2	2.4	4.6	1.7	8.3	1.1
CALDWELL	1	0	0	1	0	1.3	0.0	0.0	1.2	0.0
CAMDEN	0	1	0	0	0	0.0	10.3	0.0	0.0	0.0
CARTERET	0	0	0	3	3	0.0	0.0	0.0	4.5	4.5
CASWELL	0	0	2	2	1	0.0	0.0	8.4	8.5	4.3
CATAWBA	1	4	1	2	2	0.6	2.5	0.6	1.3	1.3
CHATHAM	0	2	4	3	3	0.0	3.1	6.3	4.7	4.7
CHEROKEE	1	0	0	1	0	3.8	0.0	0.0	3.7	0.0
CHOWAN	0	0	0	0	1	0.0	0.0	0.0	0.0	6.7
CLAY	0	0	0	1	1	0.0	0.0	0.0	9.5	9.5
CLEVELAND	4	3	3	0	3	4.0	3.0	3.1	0.0	3.1
COLUMBUS	1	1	1	1	3	1.8	1.8	1.7	1.7	5.2
CRAVEN	4	6	8	16	14	4.1	6.1	7.7	15.3	13.4
CUMBERLAND	18	18	37	36	32	5.8	5.7	11.6	11.1	9.8
CURRITUCK	0	1	0	0	1	0.0	4.1	0.0	0.0	4.2
DARE	0	1	1	0	0	0.0	2.9	2.9	0.0	0.0
DAVIDSON	0	5	5	7	7	0.0	3.2	3.1	4.3	4.3
DAVIE	3	0	0	0	0	7.3	0.0	0.0	0.0	0.0
DUPLIN	3	2	5	3	2	5.7	3.8	8.5	5.0	3.4
DURHAM	39	40	23	24	26	14.8	14.8	8.6	8.8	9.5
EDGECOMBE	13	17	7	8	6	24.8	32.8	12.4	14.3	10.7
FORSYTH	46	195	103	45	43	13.0	54.2	29.3	12.7	12.1
FRANKLIN	3	3	3	4	1	5.1	5.0	4.9	6.5	1.6
GASTON	5	20	5	8	6	2.4	9.6	2.4	3.9	2.9
GATES	1	0	1	0	0	8.5	0.0	8.2	0.0	0.0
GRAHAM	0	0	1	0	0	0.0	0.0	11.3	0.0	0.0
GRANVILLE	1	4	2	0	2	1.8	6.9	3.3	0.0	3.3
GREENE	0	3	0	2	0	0.0	14.5	0.0	9.3	0.0
GUILFORD	50	68	75	112	66	10.5	14.2	15.3	22.6	13.3
HALIFAX	2	2	3	8	2	3.6	3.7	5.5	14.8	3.7
HARNETT	0	3	3	0	6	0.0	2.6	2.6	0.0	5.0
HAYWOOD	1	2	0	2	0	1.8	3.5	0.0	3.4	0.0
HENDERSON	0	5	1	2	1	0.0	4.8	0.9	1.9	0.9
HERTFORD	0	1	2	1	1	0.0	4.3	8.1	4.1	4.1
HOKE	2	1	2	1	3	4.6	2.2	4.2	2.0	6.1
HYDE	0	1	1	0	0	0.0	19.2	17.2	0.0	0.0
IREDELL	1	3	1	3	6	0.6	1.9	0.6	1.9	3.7
JACKSON	2	2	0	0	0	5.4	5.4	0.0	0.0	0.0
JOHNSTON	5	4	2	2	2	3.1	2.4	1.2	1.2	1.2
JONES	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0

\*Rate per 100,000

Continued

**Table 10. N. C. Early Syphilis (Primary, Secondary, Early Latent) Cases by County of Report, 2008-2012 (Cont.)**

COUNTY	2008	2009	2010	2011	2012	2008	2009	2010	2011	2012
	Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
LEE	1	6	5	4	1	1.7	9.9	8.6	6.8	1.7
LENOIR	3	4	2	6	11	5.3	7.1	3.4	10.1	18.5
LINCOLN	1	2	0	0	0	1.3	2.6	0.0	0.0	0.0
MACON	0	1	0	2	0	0.0	3.0	0.0	5.9	0.0
MADISON	0	3	0	0	2	0.0	14.7	0.0	0.0	9.6
MARTIN	2	1	1	3	0	8.5	4.3	4.1	12.4	0.0
MCDOWELL	1	1	0	0	0	2.3	2.3	0.0	0.0	0.0
MECKLENBURG	91	174	167	191	134	10.2	19.0	18.1	20.2	14.2
MITCHELL	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
MONTGOMERY	0	0	0	3	0	0.0	0.0	0.0	10.8	0.0
MOORE	5	3	1	1	2	5.8	3.4	1.1	1.1	2.2
NASH	16	9	10	10	5	17.0	9.5	10.4	10.4	5.2
NEW HANOVER	22	14	3	9	4	11.4	7.2	1.5	4.4	1.9
NORTHAMPTON	2	1	3	1	1	9.8	5.0	13.6	4.6	4.6
ONSLow	2	3	4	2	1	1.2	1.7	2.2	1.1	0.6
ORANGE	3	9	1	3	4	2.4	7.0	0.7	2.2	2.9
PAMLICO	0	0	1	0	0	0.0	0.0	7.6	0.0	0.0
PASQUOTANK	0	1	1	6	0	0.0	2.4	2.5	14.7	0.0
PENDER	5	1	0	3	0	9.8	1.9	0.0	5.6	0.0
PERQUIMANS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
PERSON	0	1	0	2	0	0.0	2.7	0.0	5.0	0.0
PITT	12	15	18	17	35	7.7	9.4	10.7	9.9	20.5
POLK	0	1	0	0	0	0.0	5.2	0.0	0.0	0.0
RANDOLPH	2	5	2	9	1	1.4	3.5	1.4	6.3	0.7
RICHMOND	1	1	1	0	3	2.2	2.2	2.1	0.0	6.4
ROBESON	5	3	8	9	6	3.9	2.3	5.9	6.6	4.4
ROCKINGHAM	4	1	5	4	4	4.3	1.1	5.3	4.3	4.3
ROWAN	0	5	8	7	7	0.0	3.6	5.8	5.1	5.1
RUTHERFORD	0	3	2	3	0	0.0	4.7	3.0	4.4	0.0
SAMPSON	2	2	2	1	6	3.2	3.1	3.1	1.6	9.4
SCOTLAND	1	1	1	0	0	2.7	2.8	2.8	0.0	0.0
STANLY	1	0	1	0	1	1.7	0.0	1.7	0.0	1.6
STOKES	3	2	3	1	0	6.5	4.3	6.3	2.1	0.0
SURRY	2	1	1	1	1	2.8	1.4	1.4	1.4	1.4
SWAIN	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
TRANSYLVANIA	0	1	0	1	0	0.0	3.3	0.0	3.0	0.0
TYRRELL	0	0	0	0	1	0.0	0.0	0.0	0.0	22.9
UNION	2	7	3	2	4	1.0	3.5	1.5	1.0	1.9
VANCE	2	4	5	2	1	4.7	9.3	11.0	4.4	2.2
WAKE	45	116	83	76	84	5.2	12.9	9.2	8.2	9.0
WARREN	0	3	1	0	0	0.0	15.4	4.8	0.0	0.0
WASHINGTON	0	2	1	0	0	0.0	15.6	7.6	0.0	0.0
WATAUGA	0	0	1	1	1	0.0	0.0	2.0	1.9	1.9
WAYNE	28	59	46	16	5	24.7	51.8	37.4	12.9	4.0
WILKES	1	0	1	1	0	1.5	0.0	1.4	1.4	0.0
WILSON	5	6	7	4	3	6.4	7.7	8.6	4.9	3.7
YADKIN	0	2	0	1	1	0.0	5.3	0.0	2.6	2.6
YANCEY	0	0	0	1	0	0.0	0.0	0.0	5.6	0.0
UNKNOWN	1	0	0	0	0	---	---	---	---	---
NC TOTAL	516	938	724	760	598	5.6	10.0	7.6	7.9	6.2

\*Rate per 100,000

Table 11. N. C. Adult/Adolescent HIV Disease<sup>†</sup> Cases by Gender and Race/Ethnicity by Year Of Diagnosis, 2008-2012

Race/Ethnicity		2008	2008	2008	2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	White**	378	21%	14.7	318	19%	12.3	283	19%	10.9	274	19%	10.4	264	19%	10.1
	Black**	789	44%	106.6	748	46%	99.6	689	47%	89.1	726	49%	92.6	681	49%	86.9
	Am.In/AN**	9	0%	21.5	8	0%	18.8	<5	---	---	8	1%	17.8	14	1%	31.2
	Asian/PI**	7	0%	9.4	8	0%	10.3	6	0%	6.9	8	1%	8.9	8	1%	8.9
	Hispanic	128	7%	49.0	113	7%	41.4	95	7%	31.1	77	5%	24.5	85	6%	27.0
	Unknown	28	2%	---	28	2%	---	20	1%	---	44	3%	---	36	3%	---
	<b>Total</b>	<b>1,339</b>	<b>74%</b>	<b>36.3</b>	<b>1,223</b>	<b>75%</b>	<b>32.7</b>	<b>1,095</b>	<b>75%</b>	<b>28.7</b>	<b>1,137</b>	<b>77%</b>	<b>29.5</b>	<b>1,088</b>	<b>78%</b>	<b>28.2</b>
Female	White**	75	4%	2.7	69	4%	2.5	52	4%	1.9	43	3%	1.5	62	4%	2.2
	Black**	346	19%	39.8	319	19%	36.1	269	18%	29.5	268	18%	29.0	227	16%	24.6
	Am.In/AN**	0	0%	0.0	<5	---	---	<5	---	---	<5	---	---	0	0%	0.0
	Asian/PI**	<5	---	---	<5	---	---	<5	---	---	<5	---	---	<5	---	---
	Hispanic	25	1%	13.2	18	1%	9.0	22	2%	8.6	21	1%	8.0	16	1%	6.1
	Unknown	13	1%	---	6	0%	---	13	1%	---	<5	---	---	<5	---	---
	<b>Total</b>	<b>463</b>	<b>26%</b>	<b>11.8</b>	<b>415</b>	<b>25%</b>	<b>10.4</b>	<b>360</b>	<b>25%</b>	<b>8.8</b>	<b>342</b>	<b>23%</b>	<b>8.3</b>	<b>311</b>	<b>22%</b>	<b>7.5</b>
Total	White**	453	25%	8.5	387	24%	7.2	335	23%	6.2	317	21%	5.8	326	23%	6.0
	Black**	1,135	63%	70.5	1,067	65%	65.3	958	66%	56.9	994	67%	58.2	908	65%	53.2
	Am.In/AN**	9	0%	10.3	9	1%	10.2	<5	---	---	12	1%	12.7	14	1%	14.9
	Asian/PI**	11	1%	7.2	10	1%	6.3	9	1%	4.9	11	1%	5.8	12	1%	6.3
	Hispanic	153	8%	33.9	131	8%	27.7	117	8%	20.9	98	7%	17.0	101	7%	17.5
	Unknown	41	2%	---	34	2%	---	33	2%	---	47	3%	---	38	3%	---
	<b>Total</b>	<b>1,802</b>	<b>100%</b>	<b>23.7</b>	<b>1,638</b>	<b>100%</b>	<b>21.2</b>	<b>1,455</b>	<b>100%</b>	<b>18.4</b>	<b>1,479</b>	<b>100%</b>	<b>18.5</b>	<b>1,399</b>	<b>100%</b>	<b>17.5</b>

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

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

**Table 12. N. C. Adult/Adolescent HIV Disease<sup>†</sup> Cases by Gender and Age by Year of Diagnosis, 2008-2012**

Age		2008	2008	2008	2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	13-14	<5	---	---	0	0%	0.0	<5	---	---	<5	---	---	0	0%	0.0
	15-19	65	4%	19.7	67	4%	20.2	65	4%	19.3	82	6%	24.4	52	4%	15.5
	20-24	191	11%	55.2	200	12%	56.8	225	15%	66.1	221	15%	64.1	219	16%	63.5
	25-29	184	10%	59.2	161	10%	50.5	167	11%	53.2	172	12%	54.9	168	12%	53.6
	30-34	142	8%	47.5	127	8%	42.6	110	8%	35.8	103	7%	33.1	115	8%	37.0
	35-39	160	9%	47.9	130	8%	39.5	97	7%	30.0	103	7%	33.0	76	5%	24.3
	40-44	192	11%	58.8	155	9%	47.8	120	8%	36.4	116	8%	34.6	122	9%	36.4
	45-49	163	9%	49.1	179	11%	53.2	120	8%	35.3	128	9%	38.0	126	9%	37.4
	50-54	127	7%	41.4	102	6%	32.7	85	6%	26.2	96	6%	29.2	98	7%	29.8
	55-59	61	3%	22.6	56	3%	20.4	58	4%	20.2	59	4%	20.0	48	3%	16.3
	60-64	31	2%	13.6	24	1%	10.1	23	2%	8.9	33	2%	12.3	37	3%	13.8
	65+	22	1%	4.6	22	1%	4.4	23	2%	4.4	22	1%	4.0	27	2%	4.9
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total</b>	<b>1,339</b>	<b>74%</b>	<b>36.3</b>	<b>1,223</b>	<b>75%</b>	<b>32.7</b>	<b>1,095</b>	<b>75%</b>	<b>28.7</b>	<b>1,137</b>	<b>77%</b>	<b>29.5</b>	<b>1,088</b>	<b>78%</b>	<b>28.2</b>	
Female	13-14	<5	---	---	<5	---	---	<5	---	---	0	0%	0.0	0	0%	0.0
	15-19	18	1%	5.8	22	1%	7.0	16	1%	5.0	11	1%	3.5	12	1%	3.8
	20-24	32	2%	10.4	40	2%	12.7	30	2%	9.2	31	2%	9.3	29	2%	8.7
	25-29	52	3%	16.8	37	2%	11.9	36	2%	11.4	39	3%	12.3	39	3%	12.3
	30-34	60	3%	19.8	40	2%	13.0	39	3%	12.3	31	2%	9.7	36	3%	11.2
	35-39	64	4%	19.1	58	4%	17.4	58	4%	17.4	44	3%	13.6	39	3%	12.1
	40-44	85	5%	25.4	62	4%	18.7	34	2%	10.1	45	3%	13.0	40	3%	11.6
	45-49	66	4%	19.0	67	4%	19.0	57	4%	16.0	54	4%	15.4	39	3%	11.1
	50-54	47	3%	14.3	43	3%	12.9	35	2%	10.1	36	2%	10.2	32	2%	9.1
	55-59	19	1%	6.4	28	2%	9.3	29	2%	9.1	28	2%	8.6	22	2%	6.8
	60-64	11	1%	4.4	11	1%	4.2	19	1%	6.6	14	1%	4.7	13	1%	4.3
	65+	8	0%	1.2	6	0%	0.9	6	0%	0.8	9	1%	1.2	10	1%	1.4
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total</b>	<b>463</b>	<b>26%</b>	<b>11.8</b>	<b>415</b>	<b>25%</b>	<b>10.4</b>	<b>360</b>	<b>25%</b>	<b>8.8</b>	<b>342</b>	<b>23%</b>	<b>8.3</b>	<b>311</b>	<b>22%</b>	<b>7.5</b>	

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

Continued

**Table 12. N. C. Adult/Adolescent HIV Disease<sup>†</sup> Cases by Gender and Age by Year of Diagnosis, 2008-2012 (Cont.)**

Age		2008	2008	2008	2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Total	13-14	<5	---	---	<5	---	---	<5	---	---	<5	---	---	0	0%	0.0
	15-19	83	5%	12.9	89	5%	13.8	81	6%	12.3	93	6%	14.2	64	5%	9.8
	20-24	223	12%	34.1	240	15%	35.9	255	18%	38.2	252	17%	37.1	248	18%	36.6
	25-29	236	13%	38.0	198	12%	31.4	203	14%	32.2	211	14%	33.4	207	15%	32.8
	30-34	202	11%	33.6	167	10%	27.6	149	10%	23.9	134	9%	21.2	151	11%	23.9
	35-39	224	12%	33.5	188	11%	28.4	155	11%	23.6	147	10%	23.1	115	8%	18.1
	40-44	277	15%	41.9	217	13%	33.1	154	11%	23.1	161	11%	23.7	162	12%	23.8
	45-49	229	13%	33.7	246	15%	35.7	177	12%	25.4	182	12%	26.4	165	12%	24.0
	50-54	174	10%	27.4	145	9%	22.5	120	8%	17.9	132	9%	19.4	130	9%	19.1
	55-59	80	4%	14.2	84	5%	14.5	87	6%	14.4	87	6%	14.0	70	5%	11.3
	60-64	42	2%	8.8	35	2%	7.0	42	3%	7.7	47	3%	8.3	50	4%	8.8
	65+	30	2%	2.6	28	2%	2.3	29	2%	2.3	31	2%	2.4	37	3%	2.9
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total</b>	1,802	100%	23.7	1,638	100%	21.2	1,455	100%	18.4	1,479	100%	18.5	1,399	100%	17.5	

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

\* per 100,000 Population

**Table 13. N. C. Adult/Adolescent HIV Disease<sup>†</sup> Cases by Gender and Mode of Transmission, 2008-2012**

Mode of Exposure		2008		2009		2010		2011		2012	
		Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct
<b>Male</b>	<b>MSM*</b>	734	41%	707	43%	659	45%	704	48%	676	48%
	<b>IDU*</b>	31	2%	28	2%	23	2%	31	2%	12	1%
	<b>MSM/IDU*</b>	23	1%	12	1%	10	1%	16	1%	14	1%
	<b>Other Risk*</b>	1	0%	0	0%	1	0%	1	0%	0	0%
	<b>Heterosexual-CDC*</b>	112	6%	108	7%	67	5%	62	4%	56	4%
	<b>NIR/NRR*</b>	301	17%	240	15%	214	15%	224	15%	267	19%
	<b>Presumed Heterosexual*</b>	137	8%	128	8%	121	8%	99	7%	63	5%
	<b>Total</b>	1,339	74%	1,223	75%	1,095	75%	1,137	77%	1,088	78%
<b>Female</b>	<b>IDU*</b>	24	1%	13	1%	10	1%	16	1%	13	1%
	<b>Other Risk *</b>	0	0%	0	0%	0	0%	0	0%	0	0%
	<b>Heterosexual-CDC*</b>	144	8%	132	8%	117	8%	77	5%	98	7%
	<b>NIR/NRR*</b>	184	10%	147	9%	146	10%	147	10%	150	11%
	<b>Presumed Heterosexual*</b>	111	6%	123	8%	87	6%	102	7%	50	4%
	<b>Total</b>	463	26%	415	25%	360	25%	342	23%	311	22%
<b>Total</b>	<b>MSM*</b>	734	41%	707	43%	659	45%	704	48%	676	48%
	<b>IDU*</b>	55	3%	41	3%	33	2%	47	3%	25	2%
	<b>MSM/IDU*</b>	23	1%	12	1%	10	1%	16	1%	14	1%
	<b>Other Risk *</b>	1	0%	---	---	1	0%	1	0%	---	---
	<b>Heterosexual-CDC*</b>	256	14%	240	15%	184	13%	139	9%	154	11%
	<b>NIR/NRR*</b>	485	27%	387	24%	360	25%	371	25%	417	30%
	<b>Presumed Heterosexual*</b>	248	14%	251	15%	208	14%	201	14%	113	8%
	<b>Total</b>	1,802	100%	1,638	100%	1,455	100%	1,479	100%	1,399	100%

<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= intravenous 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

**Table 14. N.C Adult/Adolescent HIV Disease<sup>†</sup> Cases by Gender and Mode of Transmission (NIRs Redistributed), 2008-2012**

Mode of Exposure		2008		2009		2010		2011		2012	
		Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct
Male	MSM*	947	71%	880	72%	819	75%	877	77%	896	82%
	IDU*	40	3%	35	3%	29	3%	39	3%	16	1%
	MSM/IDU*	30	2%	15	1%	12	1%	20	2%	19	2%
	Other Risk*	1	0%	0	0%	1	0%	1	0%	0	0%
	Heterosexual-All *	321	24%	294	24%	234	21%	201	18%	158	14%
	<b>Total</b>	<b>1,339</b>	<b>100%</b>	<b>1,223</b>	<b>100%</b>	<b>1,095</b>	<b>100%</b>	<b>1,137</b>	<b>100%</b>	<b>1,088</b>	<b>100%</b>
Female	IDU*	40	9%	20	5%	17	5%	28	8%	25	8%
	Other Risk*	0	0%	0	0%	0	0%	0	0%	0	0%
	Heterosexual-All*	423	91%	395	95%	343	95%	314	92%	286	92%
	<b>Total</b>	<b>463</b>	<b>100%</b>	<b>415</b>	<b>100%</b>	<b>360</b>	<b>100%</b>	<b>342</b>	<b>100%</b>	<b>311</b>	<b>100%</b>
Total <sup>††</sup>	MSM*	947	53%	880	54%	819	56%	877	59%	896	64%
	IDU*	80	4%	55	3%	45	3%	67	5%	41	3%
	MSM/IDU*	30	2%	15	1%	12	1%	20	1%	19	1%
	Other Risk*	1	0%	0	0%	1	0%	1	0%	0	0%
	Heterosexual-All*	744	41%	688	42%	577	40%	514	35%	444	32%
	<b>Total</b>	<b>1,802</b>	<b>100%</b>	<b>1,638</b>	<b>100%</b>	<b>1,455</b>	<b>100%</b>	<b>1,479</b>	<b>100%</b>	<b>1,399</b>	<b>100%</b>

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

\*MSM= men who have sex with men; IDU= intravenous 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)

**Table 15. N. C. Adult/Adolescent AIDS Cases by Gender and Race/Ethnicity by Year of Diagnosis, 2008-2012**

Race/Ethnicity		2008	2008	2008	2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
<b>Male</b>	<b>White**</b>	170	18%	6.6	162	17%	6.2	152	19%	5.8	142	18%	5.4	126	16%	4.8
	<b>Black**</b>	408	44%	55.1	444	47%	59.1	339	43%	43.9	361	45%	46.1	380	48%	48.5
	<b>Am.In/AN**</b>	5	1%	11.9	<5	---	---	<5	---	---	<5	---	---	5	1%	11.1
	<b>Asian/PI**</b>	<5	---	---	<5	---	---	<5	---	---	<5	---	---	<5	---	---
	<b>Hispanic</b>	64	7%	24.5	68	7%	24.9	48	6%	15.7	36	4%	11.5	41	5%	13.0
	<b>Unknown</b>	9	1%	---	13	1%	---	12	2%	---	22	3%	---	19	2%	---
	<b>Total</b>	657	71%	17.8	694	73%	18.6	557	71%	14.6	566	70%	14.7	573	72%	14.9
<b>Female</b>	<b>White**</b>	33	4%	1.2	38	4%	1.4	24	3%	0.9	40	5%	1.4	33	4%	1.2
	<b>Black**</b>	225	24%	25.9	204	22%	23.1	199	25%	21.8	185	23%	20.0	172	22%	18.6
	<b>Am.In/AN**</b>	<5	---	---	<5	---	---	0	0%	0.0	<5	---	---	<5	---	---
	<b>Asian/PI**</b>	0	0%	0.0	<5	---	---	0	0%	0.0	<5	---	---	0	0%	0.0
	<b>Hispanic</b>	9	1%	4.7	5	1%	2.5	6	1%	2.4	12	1%	4.5	15	2%	5.7
	<b>Unknown</b>	5	1%	---	<5	---	---	<5	---	---	<5	---	---	<5	---	---
	<b>Total</b>	273	29%	7.0	253	27%	6.4	233	29%	5.7	245	30%	5.9	225	28%	5.4
<b>Total</b>	<b>White**</b>	203	22%	3.8	200	21%	3.7	176	22%	3.3	182	22%	3.4	159	20%	2.9
	<b>Black**</b>	633	68%	39.3	648	68%	39.7	538	68%	31.9	546	67%	32.0	552	69%	32.3
	<b>Am.In/AN**</b>	6	1%	6.9	<5	---	---	<5	---	---	8	1%	8.5	6	1%	6.4
	<b>Asian/PI**</b>	<5	---	---	7	1%	4.4	<5	---	---	<5	---	---	<5	---	---
	<b>Hispanic</b>	73	8%	16.2	73	8%	15.4	54	7%	9.6	48	6%	8.3	56	7%	9.7
	<b>Unknown</b>	14	2%	---	15	2%	---	16	2%	---	25	3%	---	23	3%	---
	<b>Total</b>	930	100%	12.2	947	100%	12.3	790	100%	10.0	811	100%	10.1	798	100%	10.0

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



**Table 12. N. C. Adult/Adolescent AIDS Cases by Gender and Age by Year of Diagnosis, 2008-2012**

Age		2008	2008	2008	2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012
		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	7	1%	2.1	8	1%	2.4	10	1%	3.0	13	2%	3.9	3	0%	0.9
	20-24	30	3%	8.7	51	5%	14.5	31	4%	9.1	48	6%	13.9	41	5%	11.9
	25-29	64	7%	20.6	81	9%	25.4	57	7%	18.2	55	7%	17.6	79	10%	25.2
	30-34	80	9%	26.8	63	7%	21.1	71	9%	23.1	65	8%	20.9	64	8%	20.6
	35-39	96	10%	28.7	83	9%	25.2	58	7%	17.9	67	8%	21.4	44	6%	14.1
	40-44	113	12%	34.6	116	12%	35.8	72	9%	21.8	74	9%	22.1	85	11%	25.3
	45-49	103	11%	31.0	130	14%	38.6	110	14%	32.3	83	10%	24.6	87	11%	25.8
	50-54	77	8%	25.1	88	9%	28.2	73	9%	22.5	75	9%	22.8	86	11%	26.1
	55-59	48	5%	17.8	51	5%	18.5	38	5%	13.2	39	5%	13.2	42	5%	14.3
	60-64	23	2%	10.1	9	1%	3.8	17	2%	6.6	23	3%	8.6	24	3%	9.0
	65+	16	2%	3.3	14	1%	2.8	20	3%	3.8	24	3%	4.4	18	2%	3.3
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total</b>	<b>657</b>	<b>71%</b>	<b>17.8</b>	<b>694</b>	<b>73%</b>	<b>18.6</b>	<b>557</b>	<b>71%</b>	<b>14.6</b>	<b>566</b>	<b>70%</b>	<b>14.7</b>	<b>573</b>	<b>72%</b>	<b>14.9</b>	
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	3	0%	1.0	4	0%	1.3	1	0%	0.3	2	0%	0.6	2	0%	0.6
	20-24	6	1%	1.9	10	1%	3.2	12	2%	3.7	7	1%	2.1	7	1%	2.1
	25-29	22	2%	7.1	19	2%	6.1	10	1%	3.2	14	2%	4.4	12	2%	3.8
	30-34	37	4%	12.2	27	3%	8.8	27	3%	8.5	34	4%	10.6	35	4%	10.9
	35-39	50	5%	14.9	49	5%	14.7	41	5%	12.3	34	4%	10.5	31	4%	9.6
	40-44	61	7%	18.2	41	4%	12.4	39	5%	11.5	45	6%	13.0	27	3%	7.8
	45-49	40	4%	11.5	47	5%	13.3	41	5%	11.5	52	6%	14.8	43	5%	12.2
	50-54	27	3%	8.2	24	3%	7.2	21	3%	6.1	26	3%	7.4	32	4%	9.1
	55-59	13	1%	4.4	22	2%	7.3	17	2%	5.4	16	2%	4.9	17	2%	5.2
	60-64	9	1%	3.6	8	1%	3.0	16	2%	5.6	9	1%	3.0	10	1%	3.3
	65+	5	1%	0.7	2	0%	0.3	8	1%	1.1	6	1%	0.8	9	1%	1.2
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total</b>	<b>273</b>	<b>29%</b>	<b>7.0</b>	<b>253</b>	<b>27%</b>	<b>6.4</b>	<b>233</b>	<b>29%</b>	<b>5.7</b>	<b>245</b>	<b>30%</b>	<b>5.9</b>	<b>225</b>	<b>28%</b>	<b>5.4</b>	

\* per 100,000 population

Continued

Table 12. N. C. Adult/Adolescent AIDS Cases by Gender and Age by Year of Diagnosis, 2008-2012 (Cont.)

Age		2008	2008	2008	2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Total	13-14	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	15-19	10	1%	1.6	12	1%	1.9	11	1%	1.7	15	2%	2.3	5	1%	0.8
	20-24	36	4%	5.5	61	6%	9.1	43	5%	6.4	55	7%	8.1	48	6%	7.1
	25-29	86	9%	13.9	100	11%	15.9	67	8%	10.6	69	9%	10.9	91	11%	14.4
	30-34	117	13%	19.4	90	10%	14.9	98	12%	15.7	99	12%	15.7	99	12%	15.7
	35-39	146	16%	21.8	132	14%	19.9	99	13%	15.1	101	12%	15.9	75	9%	11.8
	40-44	174	19%	26.3	157	17%	23.9	111	14%	16.6	119	15%	17.5	112	14%	16.5
	45-49	143	15%	21.0	177	19%	25.7	151	19%	21.7	135	17%	19.6	130	16%	18.9
	50-54	104	11%	16.4	112	12%	17.3	94	12%	14.0	101	12%	14.8	118	15%	17.3
	55-59	61	7%	10.8	73	8%	12.6	55	7%	9.1	55	7%	8.9	59	7%	9.5
	60-64	32	3%	6.7	17	2%	3.4	33	4%	6.1	32	4%	5.6	34	4%	6.0
	65+	21	2%	1.8	16	2%	1.3	28	4%	2.3	30	4%	2.3	27	3%	2.1
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total</b>	930	100%	12.2	947	100%	12.3	790	100%	10.0	811	100%	10.1	798	100%	10.0	

\* per 100,000 Population

**Table 17. N. C. Chlamydia Cases by Gender and Race/Ethnicity, 2008-2012**

Race/Ethnicity		2008	2008	2008	2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
<b>Male</b>	<b>White**</b>	1,050	3%	34.3	958	2%	31.0	945	2%	30.6	1,210	2%	39.1	1,246	2%	40.2
	<b>Black**</b>	3,477	9%	371.4	4,007	9%	421.5	3,835	9%	391.6	4,694	9%	473.8	4,327	9%	436.7
	<b>Am.In/AN**</b>	51	0%	96.6	73	0%	136.9	95	0%	169.8	102	0%	180.8	94	0%	166.6
	<b>Asian/PI**</b>	34	0%	35.5	38	0%	38.1	34	0%	31.0	35	0%	30.7	30	0%	26.3
	<b>Hispanic</b>	439	1%	115.7	523	1%	131.4	470	1%	109.0	588	1%	132.4	606	1%	136.4
	<b>Unknown</b>	1,516	4%	---	2,628	6%	---	2,675	6%	---	4,779	9%	---	5,038	10%	---
	<b>Total</b>	6,567	17%	145.1	8,227	19%	179.2	8,054	19%	172.8	11,408	21%	242.5	11,341	22%	241.1
<b>Female</b>	<b>White**</b>	6,427	17%	200.6	6,024	14%	186.3	6,316	15%	195.2	7,250	13%	222.7	7,053	14%	216.7
	<b>Black**</b>	15,135	40%	1427.5	16,001	37%	1486.2	15,806	37%	1422.5	17,108	32%	1520.6	15,557	31%	1382.8
	<b>Am.In/AN**</b>	449	1%	807.4	498	1%	885.3	432	1%	721.1	583	1%	966.9	598	1%	991.8
	<b>Asian/PI**</b>	212	1%	211.3	176	0%	168.4	206	0%	172.6	181	0%	145.9	197	0%	158.8
	<b>Hispanic</b>	1,981	5%	657.4	1,990	5%	622.7	1,777	4%	474.3	2,244	4%	578.0	2,214	4%	570.3
	<b>Unknown</b>	6,956	18%	---	10,540	24%	---	9,386	22%	---	14,836	28%	---	13,532	27%	---
	<b>Total</b>	31,160	82%	660.0	35,229	81%	735.4	33,923	80%	692.3	42,202	78%	852.1	39,151	77%	790.5
<b>Total***</b>	<b>White**</b>	7,502	20%	119.7	7,000	16%	110.7	7,276	17%	115.1	8,480	16%	133.5	8,305	16%	130.7
	<b>Black**</b>	18,687	49%	936.0	20,090	46%	991.0	19,732	47%	944.0	21,860	41%	1033.2	19,915	39%	941.2
	<b>Am.In/AN**</b>	502	1%	463.1	572	1%	522.0	527	1%	454.9	686	1%	587.8	695	1%	595.5
	<b>Asian/PI**</b>	247	1%	126.0	215	0%	105.3	241	1%	105.2	217	0%	91.2	227	0%	95.4
	<b>Hispanic</b>	2,431	6%	357.2	2,525	6%	351.8	2,254	5%	279.7	2,841	5%	341.3	2,822	6%	339.0
	<b>Unknown</b>	8,516	22%	---	13,332	30%	---	12,137	29%	---	19,770	37%	---	18,642	37%	---
	<b>Total</b>	37,885	100%	409.7	43,734	100%	466.2	42,167	100%	441.1	53,854	100%	557.7	50,606	100%	524.1

\*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, 2008-2012**

Age	2008	2008	2008	2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012	
	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	
<b>Male</b>	10-14	16	0%	5.2	20	0%	6.5	20	0%	6.2	34	0%	10.4	30	0%	9.1
	15-19	1,460	4%	442.8	1,943	4%	585.6	1,989	5%	590.1	2,683	5%	798.4	2,491	5%	741.2
	20-24	2,673	7%	772.4	3,210	7%	911.5	3,137	7%	921.3	4,721	9%	1369.3	4,640	9%	1345.8
	25-29	1,161	3%	373.7	1,556	4%	488.2	1,425	3%	454.0	1,960	4%	625.7	2,127	4%	679.0
	30-34	550	1%	184.1	678	2%	227.6	650	2%	211.4	940	2%	302.2	982	2%	315.7
	35-39	308	1%	92.2	375	1%	113.9	391	1%	120.9	470	1%	150.5	489	1%	156.5
	40-44	171	0%	52.3	203	0%	62.6	213	1%	64.5	271	1%	80.8	272	1%	81.1
	45-54	129	0%	20.2	152	0%	23.4	168	0%	25.3	249	0%	37.4	239	0%	35.9
	55-64	32	0%	6.4	41	0%	8.0	32	0%	5.9	37	0%	6.6	45	0%	8.0
	65+	10	0%	2.1	9	0%	1.8	11	0%	2.1	15	0%	2.7	15	0%	2.7
	Unknown	24	0%	---	21	0%	---	12	0%	---	14	0%	---	8	0%	---
<b>Total**</b>	6,567	17%	145.1	8,227	19%	179.2	8,054	19%	172.8	11,408	21%	242.5	11,341	22%	241.1	
<b>Female</b>	10-14	369	1%	127.2	424	1%	144.8	398	1%	129.1	463	1%	147.3	424	1%	134.9
	15-19	12,011	32%	3842.9	13,716	31%	4372.3	12,789	30%	3997.1	15,694	29%	4942.1	13,742	27%	4327.4
	20-24	11,742	31%	3811.1	13,319	30%	4222.7	13,261	31%	4055.6	16,858	31%	5053.1	15,954	32%	4782.2
	25-29	4,179	11%	1349.8	4,559	10%	1461.0	4,392	10%	1388.7	5,375	10%	1691.0	5,275	10%	1659.5
	30-34	1,521	4%	501.8	1,785	4%	581.9	1,763	4%	556.8	2,193	4%	684.3	2,134	4%	665.9
	35-39	677	2%	201.8	740	2%	222.2	746	2%	223.9	861	2%	266.3	854	2%	264.1
	40-44	263	1%	78.6	291	1%	87.8	270	1%	79.9	407	1%	117.8	384	1%	111.2
	45-54	159	0%	23.5	182	0%	26.5	201	0%	28.6	255	0%	36.3	294	1%	41.8
	55-64	29	0%	5.3	36	0%	6.3	41	0%	6.8	42	0%	6.7	56	0%	9.0
	65+	<5	---	---	6	0%	0.9	5	0%	0.7	7	0%	1.0	9	0%	1.2
	Unknown	129	0%	---	132	0%	---	40	0%	---	31	0%	---	13	0%	---
<b>Total**</b>	31,160	82%	660.0	35,229	81%	735.4	33,923	80%	692.3	42,202	78%	852.1	39,151	77%	790.5	

\*per 100,000 population

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

Continued

**Table 18. N. C. Chlamydia Cases by Gender and Age, 2008-2012 (Cont.)**

Age		2008	2008	2008	2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
<b>Total***</b>	<b>10-14</b>	385	1%	64.6	448	1%	74.5	419	1%	66.4	499	1%	77.7	454	1%	70.7
	<b>15-19</b>	13,499	36%	2101.7	15,720	36%	2435.3	14,832	35%	2257.4	18,444	34%	2821.8	16,267	32%	2488.8
	<b>20-24</b>	14,484	38%	2214.2	16,619	38%	2489.4	16,472	39%	2467.8	21,675	40%	3195.1	20,639	41%	3042.4
	<b>25-29</b>	5,360	14%	864.1	6,152	14%	975.3	5,845	14%	927.5	7,379	14%	1169.2	7,421	15%	1175.9
	<b>30-34</b>	2,076	5%	344.9	2,478	6%	409.8	2,424	6%	388.4	3,148	6%	498.5	3,124	6%	494.7
	<b>35-39</b>	992	3%	148.2	1,122	3%	169.4	1,142	3%	173.9	1,334	2%	209.8	1,347	3%	211.9
	<b>40-44</b>	439	1%	66.4	497	1%	75.8	487	1%	72.9	682	1%	100.2	657	1%	96.5
	<b>45-54</b>	289	1%	22.0	336	1%	25.2	370	1%	27.1	504	1%	36.8	533	1%	38.9
	<b>55-64</b>	62	0%	5.9	77	0%	7.1	73	0%	6.4	79	0%	6.7	101	0%	8.5
	<b>65+</b>	12	0%	1.0	15	0%	1.3	16	0%	1.3	22	0%	1.7	24	0%	1.9
	<b>Unknown</b>	175	0%	---	210	0%	---	64	0%	---	57	0%	---	24	0%	---
<b>Total**</b>	37,885	100%	409.7	43,734	100%	466.2	42,167	100%	441.1	53,854	100%	557.7	50,606	100%	524.1	

\*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, 2008-2012**

Race/Ethnicity		2008	2008	2008	2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
<b>Male</b>	<b>White**</b>	550	4%	18.0	440	3%	14.2	394	3%	12.8	514	3%	16.6	493	3%	15.9
	<b>Black**</b>	4,531	30%	483.9	3,958	27%	416.4	3,604	25%	368.0	3,913	23%	394.9	3,364	23%	339.5
	<b>Am.In/AN**</b>	80	1%	151.5	68	0%	127.5	52	0%	92.9	54	0%	95.7	48	0%	85.1
	<b>Asian/PI**</b>	18	0%	18.8	16	0%	16.0	8	0%	7.3	9	0%	7.9	10	0%	8.8
	<b>Hispanic</b>	166	1%	43.8	136	1%	34.2	147	1%	34.1	172	1%	38.7	144	1%	32.4
	<b>Unknown</b>	1,209	8%	---	1,667	11%	---	1,529	11%	---	2,525	15%	---	2,113	15%	---
	<b>Total</b>	6,554	44%	144.8	6,285	42%	136.9	5,734	41%	123.0	7,187	42%	152.8	6,172	43%	131.2
<b>Female</b>	<b>White**</b>	1,321	9%	41.2	1,055	7%	32.6	1,067	8%	33.0	1,157	7%	35.5	939	7%	28.8
	<b>Black**</b>	4,957	33%	467.5	4,949	33%	459.7	5,059	36%	455.3	5,158	30%	458.5	4,212	29%	374.4
	<b>Am.In/AN**</b>	192	1%	345.3	130	1%	231.1	116	1%	193.6	144	1%	238.8	111	1%	184.1
	<b>Asian/PI**</b>	29	0%	28.9	27	0%	25.8	27	0%	22.6	23	0%	18.5	33	0%	26.6
	<b>Hispanic</b>	209	1%	69.4	166	1%	51.9	164	1%	43.8	213	1%	54.9	171	1%	44.0
	<b>Unknown</b>	1,685	11%	---	2,089	14%	---	1,903	13%	---	3,195	19%	---	2,635	18%	---
	<b>Total</b>	8,393	56%	177.8	8,416	57%	175.7	8,336	59%	170.1	9,890	58%	199.7	8,101	57%	163.6
<b>Total***</b>	<b>White**</b>	1,877	13%	30.0	1,503	10%	23.8	1,463	10%	23.2	1,674	10%	26.3	1,435	10%	22.6
	<b>Black**</b>	9,519	63%	476.8	8,940	60%	441.0	8,708	62%	416.6	9,095	53%	429.9	7,591	53%	358.8
	<b>Am.In/AN**</b>	272	2%	250.9	199	1%	181.6	168	1%	145.0	198	1%	169.7	159	1%	136.2
	<b>Asian/PI**</b>	47	0%	24.0	43	0%	21.1	35	0%	15.3	32	0%	13.4	43	0%	18.1
	<b>Hispanic</b>	379	3%	55.7	304	2%	42.4	313	2%	38.8	387	2%	46.5	315	2%	37.8
	<b>Unknown</b>	2,918	19%	---	3,822	26%	---	3,466	24%	---	5,772	34%	---	4,779	33%	---
	<b>Total</b>	15,012	100%	162.3	14,811	100%	157.9	14,153	100%	148.0	17,158	100%	177.7	14,322	100%	148.3

\*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, 2008-2012**

Age		2008	2008	2008	2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	10-14	20	0%	6.5	16	0%	5.2	17	0%	5.3	9	0%	2.7	12	0%	3.7
	15-19	1,129	8%	342.4	1,218	8%	367.1	1,079	8%	320.1	1,279	7%	380.6	1,011	7%	300.8
	20-24	2,144	14%	619.6	2,132	14%	605.4	2,077	15%	610.0	2,726	16%	790.7	2,291	16%	664.5
	25-29	1,229	8%	395.6	1,178	8%	369.6	1,066	8%	339.6	1,344	8%	429.1	1,173	8%	374.5
	30-34	713	5%	238.7	643	4%	215.9	602	4%	195.8	682	4%	219.3	672	5%	216.0
	35-39	436	3%	130.6	391	3%	118.7	319	2%	98.6	389	2%	124.5	340	2%	108.8
	40-44	317	2%	97.0	264	2%	81.4	247	2%	74.8	296	2%	88.3	255	2%	76.0
	45-54	398	3%	62.3	315	2%	48.6	229	2%	34.4	334	2%	50.1	310	2%	46.5
	55-64	86	1%	17.3	81	1%	15.8	70	0%	12.8	88	1%	15.6	81	1%	14.4
	65+	24	0%	5.0	22	0%	4.4	20	0%	3.8	26	0%	4.8	21	0%	3.8
	Unknown	32	0%	---	18	0%	---	8	0%	---	7	0%	---	<5	---	---
Total**	6,554	44%	144.8	6,285	42%	136.9	5,734	41%	123.0	7,187	42%	152.8	6,172	43%	131.2	
Female	10-14	86	1%	29.6	95	1%	32.4	83	1%	26.9	93	1%	29.6	100	1%	31.8
	15-19	2,763	18%	884.0	2,940	20%	937.2	2,838	20%	887.0	3,253	19%	1024.4	2,451	17%	771.8
	20-24	3,016	20%	978.9	3,113	21%	986.9	3,191	23%	975.9	3,892	23%	1166.6	3,142	22%	941.8
	25-29	1,332	9%	430.2	1,248	8%	399.9	1,222	9%	386.4	1,484	9%	466.9	1,305	9%	410.5
	30-34	567	4%	187.1	520	4%	169.5	548	4%	173.1	598	3%	186.6	587	4%	183.2
	35-39	278	2%	82.9	247	2%	74.2	253	2%	75.9	280	2%	86.6	261	2%	80.7
	40-44	150	1%	44.8	114	1%	34.4	85	1%	25.2	159	1%	46.0	141	1%	40.8
	45-54	113	1%	16.7	77	1%	11.2	90	1%	12.8	104	1%	14.8	87	1%	12.4
	55-64	12	0%	2.2	14	0%	2.5	5	0%	0.8	17	0%	2.7	22	0%	3.5
	65+	<5	---	---	<5	---	---	0	0%	0.0	<5	---	---	0	0%	0.0
	Unknown	45	0%	---	38	0%	---	13	0%	---	<5	---	---	<5	---	---
Total**	8,393	56%	177.8	8,416	57%	175.7	8,336	59%	170.1	9,890	58%	199.7	8,101	57%	163.6	

\*per 100,000 population

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

Continued

**Table 20. N. C. Gonorrhea Cases by Gender and Age, 2008-2012 (Cont.)**

Age	2008	2008	2008	2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012	
	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	
<b>Total***</b>	<b>10-14</b>	106	1%	17.8	111	1%	18.5	100	1%	15.8	103	1%	16.0	112	1%	17.4
	<b>15-19</b>	3,900	26%	607.2	4,177	28%	647.1	3,936	28%	599.1	4,553	27%	696.6	3,469	24%	530.7
	<b>20-24</b>	5,183	35%	792.3	5,286	36%	791.8	5,297	37%	793.6	6,649	39%	980.1	5,453	38%	803.8
	<b>25-29</b>	2,570	17%	414.3	2,441	16%	387.0	2,300	16%	365.0	2,839	17%	449.8	2,485	17%	393.8
	<b>30-34</b>	1,289	9%	214.2	1,170	8%	193.5	1,160	8%	185.9	1,284	7%	203.3	1,265	9%	200.3
	<b>35-39</b>	717	5%	107.1	640	4%	96.6	577	4%	87.9	670	4%	105.4	604	4%	95.0
	<b>40-44</b>	468	3%	70.8	381	3%	58.1	333	2%	49.9	457	3%	67.1	398	3%	58.5
	<b>45-54</b>	516	3%	39.2	393	3%	29.4	320	2%	23.4	441	3%	32.2	399	3%	29.1
	<b>55-64</b>	101	1%	9.7	95	1%	8.8	75	1%	6.5	105	1%	8.8	104	1%	8.8
	<b>65+</b>	25	0%	2.2	23	0%	1.9	20	0%	1.6	29	0%	2.3	21	0%	1.6
	<b>Unknown</b>	80	1%	---	78	1%	---	26	0%	---	15	0%	---	6	0%	---
<b>Total**</b>	15,012	100%	162.3	14,811	100%	157.9	14,153	100%	148.0	17,158	100%	177.7	14,322	100%	148.3	

\*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, 2008-2012**

Race/Ethnicity		2008	2008	2008	2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
<b>Male</b>	<b>White**</b>	62	21%	2.0	101	17%	3.3	46	12%	1.5	90	21%	2.9	65	19%	2.1
	<b>Black**</b>	173	59%	18.5	344	59%	36.2	278	70%	28.4	293	68%	29.6	221	63%	22.3
	<b>Am.In/AN**</b>	0	0%	0.0	5	1%	9.4	<5	---	---	<5	---	---	<5	---	---
	<b>Asian/PI**</b>	<5	---	---	<5	---	---	<5	---	---	<5	---	---	<5	---	---
	<b>Hispanic</b>	10	3%	2.6	18	3%	4.5	12	3%	2.8	11	3%	2.5	13	4%	2.9
	<b>Unknown</b>	<5	---	---	<5	---	---	<5	---	---	<5	---	---	11	3%	---
	<b>Total</b>	249	85%	5.5	474	82%	10.3	341	86%	7.3	401	93%	8.5	312	89%	6.6
<b>Female</b>	<b>White**</b>	10	3%	0.3	27	5%	0.8	13	3%	0.4	<5	---	---	5	1%	0.2
	<b>Black**</b>	31	11%	2.9	75	13%	7.0	42	11%	3.8	26	6%	2.3	27	8%	2.4
	<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	0	0%	0.0	<5	---	---
	<b>Hispanic</b>	<5	---	---	5	1%	1.6	0	0%	0.0	0	0%	0.0	<5	---	---
	<b>Unknown</b>	0	0%	---	0	0%	---	0	0%	---	<5	---	---	<5	---	---
	<b>Total</b>	44	15%	0.9	107	18%	2.2	55	14%	1.1	29	7%	0.6	37	11%	0.7
<b>Total</b>	<b>White**</b>	72	25%	1.1	128	22%	2.0	59	15%	0.9	92	21%	1.4	70	20%	1.1
	<b>Black**</b>	204	70%	10.2	419	72%	20.7	320	81%	15.3	319	74%	15.1	248	71%	11.7
	<b>Am.In/AN**</b>	0	0%	0.0	5	1%	4.6	<5	---	---	<5	---	---	<5	---	---
	<b>Asian/PI**</b>	<5	---	---	<5	---	---	<5	---	---	<5	---	---	<5	---	---
	<b>Hispanic</b>	13	4%	1.9	23	4%	3.2	12	3%	1.5	11	3%	1.3	14	4%	1.7
	<b>Unknown</b>	<5	---	---	<5	---	---	<5	---	---	5	1%	---	14	4%	---
	<b>Total</b>	293	100%	3.2	581	100%	6.2	396	100%	4.1	430	100%	4.5	349	100%	3.6

\*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, 2008-2012**

Age		2008	2008	2008	2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012
		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	21	7%	6.4	29	5%	8.7	25	6%	7.4	31	7%	9.2	13	4%	3.9
	20-24	54	18%	15.6	105	18%	29.8	85	21%	25.0	127	30%	36.8	90	26%	26.1
	25-29	33	11%	10.6	88	15%	27.6	79	20%	25.2	78	18%	24.9	61	17%	19.5
	30-34	19	6%	6.4	52	9%	17.5	45	11%	14.6	43	10%	13.8	35	10%	11.3
	35-39	40	14%	12.0	50	9%	15.2	25	6%	7.7	29	7%	9.3	32	9%	10.2
	40-44	31	11%	9.5	49	8%	15.1	33	8%	10.0	31	7%	9.2	21	6%	6.3
	45-54	40	14%	6.3	72	12%	11.1	38	10%	5.7	47	11%	7.1	42	12%	6.3
	55-64	9	3%	1.8	27	5%	5.3	9	2%	1.7	13	3%	2.3	15	4%	2.7
	65+	<5	---	---	<5	---	---	<5	---	---	<5	---	---	<5	---	---
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total**</b>	249	85%	5.5	474	82%	10.3	341	86%	7.3	401	93%	8.5	312	89%	6.6	
Female	10-14	<5	---	---	0	0%	0.0	<5	---	---	<5	---	---	0	0%	0.0
	15-19	<5	---	---	13	2%	4.1	6	2%	1.9	<5	---	---	6	2%	1.9
	20-24	8	3%	2.6	33	6%	10.5	13	3%	4.0	8	2%	2.4	12	3%	3.6
	25-29	6	2%	1.9	19	3%	6.1	8	2%	2.5	7	2%	2.2	7	2%	2.2
	30-34	8	3%	2.6	14	2%	4.6	6	2%	1.9	<5	---	---	<5	---	---
	35-39	<5	---	---	11	2%	3.3	6	2%	1.8	<5	---	---	<5	---	---
	40-44	6	2%	1.8	5	1%	1.5	7	2%	2.1	<5	---	---	<5	---	---
	45-54	7	2%	1.0	11	2%	1.6	8	2%	1.1	<5	---	---	<5	---	---
	55-64	<5	---	---	<5	---	---	0	0%	0.0	<5	---	---	0	0%	0.0
	65+	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total**</b>	44	15%	0.9	107	18%	2.2	55	14%	1.1	29	7%	0.6	37	11%	0.7	

\*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, 2008-2012 (Cont.)**

Age		2008	2008	2008	2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Total	10-14	<5	---	---	0	0%	0.0	<5	---	---	<5	---	---	0	0%	0.0
	15-19	25	9%	3.9	42	7%	6.5	31	8%	4.7	35	8%	5.4	19	5%	2.9
	20-24	62	21%	9.5	138	24%	20.7	98	25%	14.7	135	31%	19.9	102	29%	15.0
	25-29	39	13%	6.3	107	18%	17.0	87	22%	13.8	85	20%	13.5	68	19%	10.8
	30-34	27	9%	4.5	66	11%	10.9	51	13%	8.2	45	10%	7.1	39	11%	6.2
	35-39	43	15%	6.4	61	10%	9.2	31	8%	4.7	31	7%	4.9	36	10%	5.7
	40-44	37	13%	5.6	54	9%	8.2	40	10%	6.0	32	7%	4.7	23	7%	3.4
	45-54	47	16%	3.6	83	14%	6.2	46	12%	3.4	50	12%	3.7	44	13%	3.2
	55-64	10	3%	1.0	28	5%	2.6	9	2%	0.8	14	3%	1.2	15	4%	1.3
	65+	<5	---	---	<5	---	---	<5	---	---	<5	---	---	<5	---	---
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total**</b>	293	100%	3.2	581	100%	6.2	396	100%	4.1	430	100%	4.5	349	100%	3.6	

\*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, 2008-2012**

Race/Ethnicity		2008	2008	2008	2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
<b>Male</b>	<b>White**</b>	94	18%	3.1	149	16%	4.8	91	13%	3.0	142	19%	4.6	99	17%	3.2
	<b>Black**</b>	284	55%	30.3	538	57%	56.6	472	65%	48.2	481	63%	48.5	391	65%	39.5
	<b>Am.In/AN**</b>	0	0%	0.0	6	1%	11.3	<5	---	---	<5	---	---	<5	---	---
	<b>Asian/PI**</b>	<5	---	---	<5	---	---	<5	---	---	6	1%	5.3	<5	---	---
	<b>Hispanic</b>	19	4%	5.0	26	3%	6.5	17	2%	3.9	25	3%	5.6	21	4%	4.7
	<b>Unknown</b>	<5	---	---	<5	---	---	<5	---	---	8	1%	---	13	2%	---
	<b>Total</b>	401	78%	8.9	725	77%	15.8	590	81%	12.7	665	88%	14.1	529	88%	11.2
<b>Female</b>	<b>White**</b>	22	4%	0.7	54	6%	1.7	26	4%	0.8	12	2%	0.4	10	2%	0.3
	<b>Black**</b>	84	16%	7.9	144	15%	13.4	103	14%	9.3	78	10%	6.9	44	7%	3.9
	<b>Am.In/AN**</b>	0	0%	0.0	<5	---	---	0	0%	0.0	<5	---	---	<5	---	---
	<b>Asian/PI**</b>	0	0%	0.0	<5	---	---	<5	---	---	0	0%	0.0	<5	---	---
	<b>Hispanic</b>	9	2%	3.0	13	1%	4.1	<5	---	---	<5	---	---	7	1%	1.8
	<b>Unknown</b>	0	0%	---	0	0%	---	<5	---	---	<5	---	---	6	1%	---
	<b>Total</b>	115	22%	2.4	213	23%	4.4	134	19%	2.7	95	13%	1.9	69	12%	1.4
<b>Total</b>	<b>White**</b>	116	22%	1.9	203	22%	3.2	117	16%	1.9	154	20%	2.4	109	18%	1.7
	<b>Black**</b>	368	71%	18.4	682	73%	33.6	575	79%	27.5	559	74%	26.4	435	73%	20.6
	<b>Am.In/AN**</b>	0	0%	0.0	7	1%	6.4	<5	---	---	<5	---	---	<5	---	---
	<b>Asian/PI**</b>	<5	---	---	5	1%	2.4	<5	---	---	6	1%	2.5	<5	---	---
	<b>Hispanic</b>	28	5%	4.1	39	4%	5.4	20	3%	2.5	28	4%	3.4	28	5%	3.4
	<b>Unknown</b>	<5	---	---	<5	---	---	<5	---	---	9	1%	---	19	3%	---
	<b>Total</b>	516	100%	5.6	938	100%	10.0	724	100%	7.6	760	100%	7.9	598	100%	6.2

\*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, 2008-2012**

Age		2008	2008	2008	2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012
		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	<5	---	---	0	0%	0.0
	15-19	30	6%	9.1	43	5%	13.0	44	6%	13.1	49	6%	14.6	25	4%	7.4
	20-24	79	15%	22.8	150	16%	42.6	136	19%	39.9	198	26%	57.4	143	24%	41.5
	25-29	62	12%	20.0	136	14%	42.7	126	17%	40.1	133	18%	42.5	111	19%	35.4
	30-34	29	6%	9.7	86	9%	28.9	65	9%	21.1	77	10%	24.8	65	11%	20.9
	35-39	61	12%	18.3	85	9%	25.8	48	7%	14.8	46	6%	14.7	50	8%	16.0
	40-44	58	11%	17.8	83	9%	25.6	64	9%	19.4	54	7%	16.1	44	7%	13.1
	45-54	65	13%	10.2	106	11%	16.4	78	11%	11.7	82	11%	12.3	68	11%	10.2
	55-64	14	3%	2.8	32	3%	6.2	21	3%	3.9	22	3%	3.9	17	3%	3.0
	65+	<5	---	---	<5	---	---	8	1%	1.5	<5	---	---	6	1%	1.1
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total**</b>	401	78%	8.9	725	77%	15.8	590	81%	12.7	665	88%	14.1	529	88%	11.2	
Female	10-14	<5	---	---	0	0%	0.0	<5	---	---	<5	---	---	0	0%	0.0
	15-19	14	3%	4.5	22	2%	7.0	17	2%	5.3	9	1%	2.8	12	2%	3.8
	20-24	22	4%	7.1	61	7%	19.3	29	4%	8.9	22	3%	6.6	24	4%	7.2
	25-29	13	3%	4.2	43	5%	13.8	23	3%	7.3	10	1%	3.1	12	2%	3.8
	30-34	17	3%	5.6	27	3%	8.8	13	2%	4.1	16	2%	5.0	6	1%	1.9
	35-39	14	3%	4.2	28	3%	8.4	14	2%	4.2	8	1%	2.5	6	1%	1.9
	40-44	12	2%	3.6	13	1%	3.9	14	2%	4.1	9	1%	2.6	6	1%	1.7
	45-54	20	4%	3.0	16	2%	2.3	22	3%	3.1	14	2%	2.0	<5	---	---
	55-64	<5	---	---	<5	---	---	0	0%	0.0	<5	---	---	0	0%	0.0
	65+	0	0%	0.0	<5	---	---	0	0%	0.0	<5	---	---	0	0%	0.0
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total**</b>	115	22%	2.4	213	23%	4.4	134	19%	2.7	95	13%	1.9	69	12%	1.4	

\*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, 2008-2012 (Cont.)**

Age		2008	2008	2008	2009	2009	2009	2010	2010	2010	2011	2011	2011	2012	2012	2012
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Total	10-14	<5	---	---	0	0%	0.0	<5	---	---	<5	---	---	0	0%	0.0
	15-19	44	9%	6.9	65	7%	10.1	61	8%	9.3	58	8%	8.9	37	6%	5.7
	20-24	101	20%	15.4	211	22%	31.6	165	23%	24.7	220	29%	32.4	167	28%	24.6
	25-29	75	15%	12.1	179	19%	28.4	149	21%	23.6	143	19%	22.7	123	21%	19.5
	30-34	46	9%	7.6	113	12%	18.7	78	11%	12.5	93	12%	14.7	71	12%	11.2
	35-39	75	15%	11.2	113	12%	17.1	62	9%	9.4	54	7%	8.5	56	9%	8.8
	40-44	70	14%	10.6	96	10%	14.6	78	11%	11.7	63	8%	9.3	50	8%	7.3
	45-54	85	16%	6.5	122	13%	9.1	100	14%	7.3	96	13%	7.0	71	12%	5.2
	55-64	16	3%	1.5	34	4%	3.1	21	3%	1.8	26	3%	2.2	17	3%	1.4
	65+	<5	---	---	5	1%	0.4	8	1%	0.6	5	1%	0.4	6	1%	0.5
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total**</b>	516	100%	5.6	938	100%	10.0	724	100%	7.6	760	100%	7.9	598	100%	6.2	

\*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 2002-2011**

Race/Ethnicity	2003		2004		2005		2006		2007	
	Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct
White, non Hispanic	<5	---	<5	---	<5	---	<5	---	<5	---
Black, non Hispanic	16	76%	5	45%	7	54%	<5	---	<5	---
Other	<5	---	<5	---	<5	---	<5	---	<5	---
<b>Total</b>	<b>21</b>	<b>100%</b>	<b>11</b>	<b>100%</b>	<b>13</b>	<b>100%</b>	<b>7</b>	<b>100%</b>	<b>9</b>	<b>100%</b>

Race/Ethnicity	2008		2009		2010		2011		2012	
	Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct
White, non Hispanic	<5	---	0	0%	<5	---	0	0%	0	0%
Black, non Hispanic	<5	---	8	80%	6	60%	5	83%	<5	---
Other	5	45%	<5	---	<5	---	<5	---	0	0%
<b>Total</b>	<b>11</b>	<b>100%</b>	<b>10</b>	<b>100%</b>	<b>10</b>	<b>100%</b>	<b>6</b>	<b>100%</b>	<b>&lt;5</b>	<b>---</b>

**Table 26. N. C. Likely Perinatal HIV Disease<sup>†</sup> Cases, by Year of Birth 2003-2012**

Year of Birth	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>Total</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>7</b>	<b>8</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>0</b>

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

**Table 27. N. C. Regional\* HIV Disease and STD Cases, 2012**

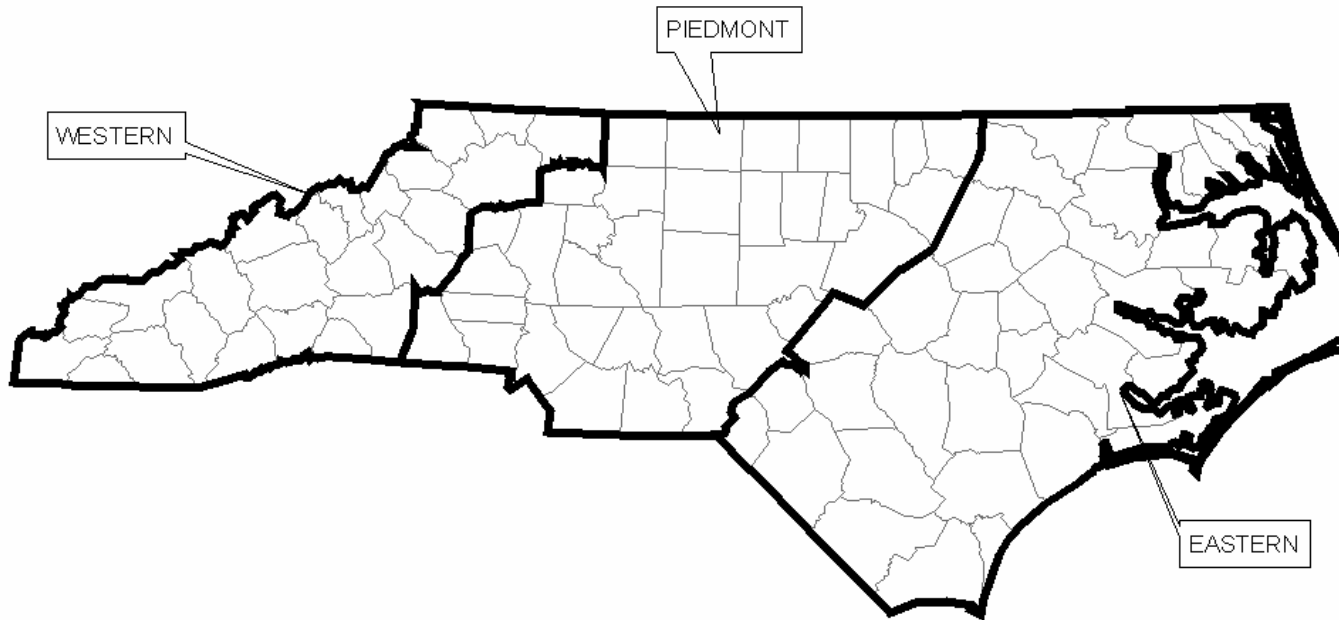
Race/Ethnicity	HIV Disease			Chlamydia			Gonorrhea			Early Syphilis		
	Cases	Pct	Rate***	Cases	Pct	Rate***	Cases	Pct	Rate***	Cases	Pct	Rate***
Unassigned**	51	4%	---	2	0%	---	0	0%	---	0	0%	---
<b>EASTERN</b>	360	26%	13.0	17,640	35%	636.1	4,873	34%	175.7	163	27%	5.9
<b>PIEDMONT</b>	933	66%	16.4	30,034	59%	527.2	8,901	62%	156.2	423	71%	7.4
<b>WESTERN</b>	65	5%	5.5	2,930	6%	247.1	548	4%	46.2	12	2%	1.0
<b>Total</b>	1,409	100%	14.6	50,606	100%	524.1	14,322	100%	148.3	598	100%	6.2

\* 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)

\*\*\* per 100,000 population

**North Carolina Geographic Regions**





**Table 28. N. C. Regional Adult/Adolescent HIV Disease<sup>†</sup> Cases by Gender and Race/Ethnicity by Year Of Diagnosis, 2012**

Race/Ethnicity		EASTERN			PIEDMONT			WESTERN			TOTAL <sup>***</sup>		
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	White**	58	4%	8.4	164	12%	10.9	33	2%	7.6	264	19%	10.1
	Black**	174	12%	59.1	468	33%	100.4	7	1%	30.4	681	49%	86.9
	Am.In/AN**	9	1%	29.2	<5	---	---	<5	---	---	14	1%	31.2
	Asian/PI**	<5	---	---	7	1%	9.6	0	0%	0.0	8	1%	8.9
	Hispanic	17	1%	19.8	58	4%	28.7	<5	---	---	85	6%	27.0
	Unknown	5	0%	---	27	2%	---	<5	---	---	36	3%	---
	<b>Total</b>	<b>264</b>	<b>19%</b>	<b>23.8</b>	<b>727</b>	<b>52%</b>	<b>32.3</b>	<b>47</b>	<b>3%</b>	<b>9.5</b>	<b>1,088</b>	<b>78%</b>	<b>28.2</b>
Female	White**	18	1%	2.5	33	2%	2.0	10	1%	2.1	62	4%	2.2
	Black**	71	5%	20.9	150	11%	26.7	6	0%	27.7	227	16%	24.6
	Am.In/AN**	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	Asian/PI**	0	0%	0.0	<5	---	---	0	0%	0.0	<5	---	---
	Hispanic	5	0%	7.3	9	1%	5.2	<5	---	---	16	1%	6.1
	Unknown	<5	---	---	<5	---	---	0	0%	---	<5	---	---
	<b>Total</b>	<b>95</b>	<b>7%</b>	<b>8.1</b>	<b>197</b>	<b>14%</b>	<b>8.1</b>	<b>18</b>	<b>1%</b>	<b>3.4</b>	<b>311</b>	<b>22%</b>	<b>7.5</b>
Total	White**	76	5%	5.4	197	14%	6.3	43	3%	4.8	326	23%	6.0
	Black**	245	18%	38.6	618	44%	60.1	13	1%	29.1	908	65%	53.2
	Am.In/AN**	9	1%	13.9	<5	---	---	<5	---	---	14	1%	14.9
	Asian/PI**	<5	---	---	11	1%	7.3	0	0%	0.0	12	1%	6.3
	Hispanic	22	2%	14.2	67	5%	17.8	6	0%	12.8	101	7%	17.5
	Unknown	6	0%	---	28	2%	---	<5	---	---	38	3%	---
	<b>Total</b>	<b>359</b>	<b>26%</b>	<b>15.7</b>	<b>924</b>	<b>66%</b>	<b>19.7</b>	<b>65</b>	<b>5%</b>	<b>6.4</b>	<b>1,399</b>	<b>100%</b>	<b>17.5</b>

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

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

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

**Table 29. N. C. Regional Adult/Adolescent HIV Disease<sup>†</sup> Cases by Gender and Age by Year Of Diagnosis, 2012**

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	15	1%	15.3	35	3%	17.6	<5	---	---	52	4%	15.5
	20-24	66	5%	54.9	145	10%	78.2	<5	---	---	219	16%	63.5
	25-29	41	3%	42.4	111	8%	60.3	8	1%	24.6	168	12%	53.6
	30-34	26	2%	29.5	84	6%	44.3	<5	---	---	115	8%	37.0
	35-39	13	1%	15.6	55	4%	28.4	<5	---	---	76	5%	24.3
	40-44	26	2%	30.3	85	6%	40.4	<5	---	---	122	9%	36.4
	45-49	34	2%	37.7	79	6%	38.3	8	1%	19.6	126	9%	37.4
	50-54	16	1%	17.5	60	4%	30.6	11	1%	26.2	98	7%	29.8
	55-59	7	1%	8.3	34	2%	20.1	<5	---	---	48	3%	16.3
	60-64	12	1%	15.4	21	2%	14.1	<5	---	---	37	3%	13.8
	65+	8	1%	5.0	18	1%	6.2	0	0%	0.0	27	2%	4.9
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total</b>	<b>264</b>	<b>19%</b>	<b>23.8</b>	<b>727</b>	<b>52%</b>	<b>32.3</b>	<b>47</b>	<b>3%</b>	<b>9.5</b>	<b>1,088</b>	<b>78%</b>	<b>28.2</b>	
Female	13-14	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	15-19	5	0%	5.5	7	1%	3.7	0	0%	0.0	12	1%	3.8
	20-24	<5	---	---	23	2%	12.1	<5	---	---	29	2%	8.7
	25-29	9	1%	9.6	23	2%	11.9	7	1%	22.6	39	3%	12.3
	30-34	12	1%	13.5	23	2%	11.6	<5	---	---	36	3%	11.2
	35-39	8	1%	9.4	27	2%	13.3	<5	---	---	39	3%	12.1
	40-44	9	1%	10.0	29	2%	13.3	<5	---	---	40	3%	11.6
	45-49	18	1%	18.9	21	2%	9.8	0	0%	0.0	39	3%	11.1
	50-54	11	1%	11.1	19	1%	9.1	<5	---	---	32	2%	9.1
	55-59	6	0%	6.3	15	1%	8.1	<5	---	---	22	2%	6.8
	60-64	8	1%	9.2	5	0%	3.0	0	0%	0.0	13	1%	4.3
	65+	5	0%	2.4	5	0%	1.3	0	0%	0.0	10	1%	1.4
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total</b>	<b>95</b>	<b>7%</b>	<b>8.1</b>	<b>197</b>	<b>14%</b>	<b>8.1</b>	<b>18</b>	<b>1%</b>	<b>3.4</b>	<b>311</b>	<b>22%</b>	<b>7.5</b>	

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

Continued

**Table 29. N. C. Regional Adult/Adolescent HIV Disease<sup>†</sup> Cases by Gender and Age by Year Of Diagnosis, 2012 (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	0	0%	0.0	0	0%	0.0	0	0%	0.0
	15-19	20	1%	10.6	42	3%	10.8	<5	---	---	64	5%	9.8
	20-24	70	5%	31.0	168	12%	44.7	6	0%	7.8	248	18%	36.6
	25-29	50	4%	26.2	134	10%	35.6	15	1%	23.6	207	15%	32.8
	30-34	38	3%	21.5	107	8%	27.5	<5	---	---	151	11%	23.9
	35-39	21	2%	12.4	82	6%	20.6	8	1%	11.4	115	8%	18.1
	40-44	35	3%	19.9	114	8%	26.7	<5	---	---	162	12%	23.8
	45-49	52	4%	28.0	100	7%	23.8	8	1%	9.7	165	12%	24.0
	50-54	27	2%	14.2	79	6%	19.6	13	1%	15.1	130	9%	19.1
	55-59	13	1%	7.2	49	4%	13.8	5	0%	5.8	70	5%	11.3
	60-64	20	1%	12.1	26	2%	8.2	<5	---	---	50	4%	8.8
	65+	13	1%	3.5	23	2%	3.3	0	0%	0.0	37	3%	2.9
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---
<b>Total**</b>		359	26%	15.7	924	66%	19.7	65	5%	6.4	1,399	100%	17.5

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

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

**Table 30. N. C. Regional Adult/Adolescent HIV Disease<sup>†</sup> Cases by Gender and Mode of Transmission, 2012**

Mode of Exposure		EASTERN		PIEDMONT		WESTERN		TOTAL**	
		Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct
Male	MSM*	159	44%	479	52%	30	46%	676	48%
	IDU*	<5	---	<5	---	<5	---	12	1%
	MSM/IDU*	<5	---	6	1%	<5	---	14	1%
	Other Risk*	0	0%	0	0%	0	0%	0	0%
	Heterosexual-CDC*	12	3%	38	4%	<5	---	56	4%
	NIR/NRR*	65	18%	165	18%	9	14%	267	19%
	Presumed Heterosexual*	20	6%	35	4%	<5	---	63	5%
	<b>Total</b>	<b>264</b>	<b>74%</b>	<b>727</b>	<b>79%</b>	<b>47</b>	<b>72%</b>	<b>1,088</b>	<b>78%</b>
Female	IDU*	<5	---	8	1%	<5	---	13	1%
	Other Risk*	0	0%	0	0%	0	0%	0	0%
	Heterosexual-CDC*	26	7%	64	7%	8	12%	98	7%
	NIR/NRR*	43	12%	99	11%	7	11%	150	11%
	Presumed Heterosexual*	22	6%	26	3%	<5	---	50	4%
	<b>Total</b>	<b>95</b>	<b>26%</b>	<b>197</b>	<b>21%</b>	<b>18</b>	<b>28%</b>	<b>311</b>	<b>22%</b>
Total	MSM*	159	44%	479	52%	30	46%	676	48%
	IDU*	8	2%	12	1%	<5	---	25	2%
	MSM/IDU*	<5	---	6	1%	<5	---	14	1%
	Other Risk*	0	0%	0	0%	0	0%	0	0%
	Heterosexual-CDC*	38	11%	102	11%	10	15%	154	11%
	NIR/NRR*	108	30%	264	29%	16	25%	417	30%
	Presumed Heterosexual*	42	12%	61	7%	<5	---	113	8%
	<b>Total</b>	<b>359</b>	<b>100%</b>	<b>924</b>	<b>100%</b>	<b>65</b>	<b>100%</b>	<b>1,399</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= intravenous 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 cases with Unassigned County

**Table 31. N. C. Regional Chlamydia Cases by Gender and Race/Ethnicity, 2012**

Race/Ethnicity		EASTERN			PIEDMONT			WESTERN			TOTAL		
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	White**	314	1%	38.7	731	1%	41.0	201	0%	40.0	1,246	2%	40.2
	Black**	876	2%	236.4	3,306	7%	558.9	145	0%	505.1	4,327	9%	436.7
	Am.In/AN**	47	0%	120.9	44	0%	378.0	<5	---	---	94	0%	166.6
	Asian/PI**	0	0%	0.0	28	0%	30.5	<5	---	---	30	0%	26.3
	Hispanic	145	0%	120.1	441	1%	154.2	20	0%	53.4	606	1%	136.4
	Unknown	2,047	4%	---	2,848	6%	---	143	0%	---	5,038	10%	---
	<b>Total</b>	<b>3,429</b>	<b>7%</b>	<b>252.3</b>	<b>7,398</b>	<b>15%</b>	<b>267.6</b>	<b>514</b>	<b>1%</b>	<b>88.6</b>	<b>11,341</b>	<b>22%</b>	<b>241.1</b>
Female	White**	2,228	4%	266.7	3,427	7%	181.9	1,397	3%	260.9	7,053	14%	216.7
	Black**	6,222	12%	1505.6	8,982	18%	1311.7	353	1%	1305.0	15,557	31%	1382.8
	Am.In/AN**	409	1%	975.2	167	0%	1366.5	22	0%	358.8	598	1%	991.8
	Asian/PI**	53	0%	252.2	132	0%	137.0	12	0%	180.2	197	0%	158.8
	Hispanic	530	1%	517.0	1,549	3%	606.9	134	0%	439.7	2,214	4%	570.3
	Unknown	4,714	9%	---	8,329	16%	---	489	1%	---	13,532	27%	---
	<b>Total</b>	<b>14,156</b>	<b>28%</b>	<b>1001.0</b>	<b>22,586</b>	<b>45%</b>	<b>770.1</b>	<b>2,407</b>	<b>5%</b>	<b>397.4</b>	<b>39,151</b>	<b>77%</b>	<b>790.5</b>
Total	White**	2,543	5%	154.3	4,159	8%	113.4	1,602	3%	154.3	8,305	16%	130.7
	Black**	7,109	14%	907.0	12,308	24%	964.4	498	1%	893.2	19,915	39%	941.2
	Am.In/AN**	457	1%	565.5	212	0%	888.4	26	0%	216.2	695	1%	595.5
	Asian/PI**	53	0%	141.4	160	0%	85.0	14	0%	113.3	227	0%	95.4
	Hispanic	675	1%	302.3	1,992	4%	368.1	154	0%	226.8	2,822	6%	339.0
	Unknown	6,803	13%	---	11,203	22%	---	636	1%	---	18,642	37%	---
	<b>Total***</b>	<b>17,640</b>	<b>35%</b>	<b>636.1</b>	<b>30,034</b>	<b>59%</b>	<b>527.2</b>	<b>2,930</b>	<b>6%</b>	<b>247.1</b>	<b>50,606</b>	<b>100%</b>	<b>524.1</b>

\* 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, 2012**

Age	EASTERN			PIEDMONT			WESTERN			TOTAL			
	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	
Male	10-14	7	0%	7.6	22	0%	11.0	<5	---	---	30	0%	9.1
	15-19	686	1%	699.7	1,662	3%	835.8	143	0%	365.0	2,491	5%	741.2
	20-24	1,501	3%	1247.5	2,931	6%	1581.4	208	0%	531.9	4,640	9%	1345.8
	25-29	681	1%	704.4	1,369	3%	743.9	77	0%	236.8	2,127	4%	679.0
	30-34	263	1%	298.8	670	1%	353.3	49	0%	146.8	982	2%	315.7
	35-39	151	0%	181.4	326	1%	168.4	12	0%	33.8	489	1%	156.5
	40-44	57	0%	66.4	208	0%	99.0	7	0%	17.8	272	1%	81.1
	45-49	45	0%	49.9	111	0%	53.8	5	0%	12.3	161	0%	47.7
	50-54	15	0%	16.4	57	0%	29.1	6	0%	14.3	78	0%	23.7
	55-59	11	0%	13.0	21	0%	12.4	<5	---	---	36	0%	12.2
	60-64	<5	---	---	8	0%	5.4	0	0%	0.0	9	0%	3.4
	65+	<5	---	---	9	0%	3.1	<5	---	---	15	0%	2.7
	Unknown	6	0%	---	<5	---	---	0	0%	---	8	0%	---
<b>Total**</b>	<b>3,429</b>	<b>7%</b>	<b>252.3</b>	<b>7,398</b>	<b>15%</b>	<b>267.6</b>	<b>514</b>	<b>1%</b>	<b>88.6</b>	<b>11,341</b>	<b>22%</b>	<b>241.1</b>	
Female	10-14	147	0%	166.3	259	1%	135.0	18	0%	52.9	424	1%	134.9
	15-19	4,789	9%	5257.4	8,076	16%	4237.7	877	2%	2443.6	13,742	27%	4327.4
	20-24	5,872	12%	5572.2	9,093	18%	4769.2	987	2%	2627.0	15,954	32%	4782.2
	25-29	1,986	4%	2113.2	2,974	6%	1541.7	315	1%	1016.6	5,275	10%	1659.5
	30-34	775	2%	874.7	1,233	2%	620.3	126	0%	380.5	2,134	4%	665.9
	35-39	315	1%	368.6	491	1%	241.2	48	0%	139.6	854	2%	264.1
	40-44	149	0%	166.0	217	0%	99.8	18	0%	47.0	384	1%	111.2
	45-49	63	0%	66.0	133	0%	62.0	10	0%	24.0	206	0%	58.6
	50-54	32	0%	32.2	54	0%	26.0	<5	---	---	88	0%	25.0
	55-59	13	0%	13.7	23	0%	12.4	<5	---	---	38	0%	11.7
	60-64	8	0%	9.2	10	0%	6.0	0	0%	0.0	18	0%	6.0
	65+	0	0%	0.0	7	0%	1.8	<5	---	---	9	0%	1.2
	Unknown	<5	---	---	12	0%	---	0	0%	---	13	0%	---
<b>Total**</b>	<b>14,156</b>	<b>28%</b>	<b>1001.0</b>	<b>22,586</b>	<b>45%</b>	<b>770.1</b>	<b>2,407</b>	<b>5%</b>	<b>397.4</b>	<b>39,151</b>	<b>77%</b>	<b>790.5</b>	

\* per 100,000 population

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

Continued

**Table 32. N. C. Regional Chlamydia Cases by Gender and Age, 2012 (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>	154	0%	85.1	281	1%	71.7	19	0%	27.2	454	1%	70.7
	<b>15-19</b>	5,489	11%	2902.2	9,755	19%	2505.0	1,023	2%	1362.8	16,267	32%	2488.8
	<b>20-24</b>	7,397	15%	3277.3	12,040	24%	3202.1	1,200	2%	1565.0	20,639	41%	3042.4
	<b>25-29</b>	2,678	5%	1404.6	4,351	9%	1154.3	392	1%	617.3	7,421	15%	1175.9
	<b>30-34</b>	1,042	2%	590.0	1,907	4%	490.9	175	0%	263.2	3,124	6%	494.7
	<b>35-39</b>	467	1%	276.8	820	2%	206.5	60	0%	85.8	1,347	3%	211.9
	<b>40-44</b>	207	0%	117.9	425	1%	99.4	25	0%	32.2	657	1%	96.5
	<b>45-49</b>	108	0%	58.2	244	0%	58.0	15	0%	18.2	367	1%	53.3
	<b>50-54</b>	47	0%	24.7	111	0%	27.5	8	0%	9.3	166	0%	24.4
	<b>55-59</b>	24	0%	13.4	44	0%	12.4	6	0%	7.0	74	0%	11.9
	<b>60-64</b>	9	0%	5.5	18	0%	5.7	0	0%	0.0	27	0%	4.8
	<b>65+</b>	4	0%	1.1	16	0%	2.3	<5	---	---	24	0%	1.9
	<b>Unknown</b>	7	0%	---	16	0%	---	<5	---	---	24	0%	---
<b>Total**</b>	17,640	35%	636.1	30,034	59%	527.2	2,930	6%	247.1	50,606	100%	524.1	

\* 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, 2012**

Race/Ethnicity		EASTERN			PIEDMONT			WESTERN			TOTAL		
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	White**	127	1%	15.6	268	2%	15.0	98	1%	19.5	493	3%	15.9
	Black**	903	6%	243.7	2,368	17%	400.3	93	1%	324.0	3,364	23%	339.5
	Am.In/AN**	31	0%	79.7	17	0%	146.0	0	0%	0.0	48	0%	85.1
	Asian/PI**	0	0%	0.0	10	0%	10.9	0	0%	0.0	10	0%	8.8
	Hispanic	32	0%	26.5	92	1%	32.2	20	0%	53.4	144	1%	32.4
	Unknown	881	6%	---	1,189	8%	---	43	0%	---	2,113	15%	---
	<b>Total</b>	1,974	14%	145.3	3,944	28%	142.7	254	2%	43.8	6,172	43%	131.2
Female	White**	280	2%	33.5	510	4%	27.1	149	1%	27.8	939	7%	28.8
	Black**	1,524	11%	368.8	2,605	18%	380.4	83	1%	306.8	4,212	29%	374.4
	Am.In/AN**	70	0%	166.9	39	0%	319.1	<5	---	---	111	1%	184.1
	Asian/PI**	7	0%	33.3	25	0%	25.9	<5	---	---	33	0%	26.6
	Hispanic	53	0%	51.7	109	1%	42.7	9	0%	29.5	171	1%	44.0
	Unknown	938	7%	---	1,647	11%	---	50	0%	---	2,635	18%	---
	<b>Total</b>	2,872	20%	203.1	4,935	34%	168.3	294	2%	48.5	8,101	57%	163.6
Total	White**	408	3%	24.8	780	5%	21.3	247	2%	23.8	1,435	10%	22.6
	Black**	2,432	17%	310.3	4,983	35%	390.4	176	1%	315.7	7,591	53%	358.8
	Am.In/AN**	101	1%	125.0	56	0%	234.7	<5	---	---	159	1%	136.2
	Asian/PI**	7	0%	18.7	35	0%	18.6	<5	---	---	43	0%	18.1
	Hispanic	85	1%	38.1	201	1%	37.1	29	0%	42.7	315	2%	37.8
	Unknown	1,840	13%	---	2,846	20%	---	93	1%	---	4,779	33%	---
	<b>Total***</b>	4,873	34%	175.7	8,901	62%	156.2	548	4%	46.2	14,322	100%	148.3

\* 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, 2012**

Age		EASTERN			PIEDMONT			WESTERN			TOTAL		
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	10-14	6	0%	6.5	6	0%	3.0	0	0%	0.0	12	0%	3.7
	15-19	327	2%	333.5	647	5%	325.4	37	0%	94.4	1,011	7%	300.8
	20-24	760	5%	631.6	1,440	10%	777.0	91	1%	232.7	2,291	16%	664.5
	25-29	388	3%	401.3	739	5%	401.6	46	0%	141.5	1,173	8%	374.5
	30-34	216	2%	245.4	420	3%	221.4	36	0%	107.8	672	5%	216.0
	35-39	108	1%	129.7	218	2%	112.6	14	0%	39.4	340	2%	108.8
	40-44	51	0%	59.4	194	1%	92.3	10	0%	25.5	255	2%	76.0
	45-49	55	0%	61.0	132	1%	64.0	9	0%	22.1	196	1%	58.1
	50-54	27	0%	29.6	81	1%	41.3	6	0%	14.3	114	1%	34.6
	55-59	16	0%	18.9	36	0%	21.3	<5	---	---	55	0%	18.7
	60-64	7	0%	9.0	18	0%	12.1	<5	---	---	26	0%	9.7
	65+	7	0%	4.4	13	0%	4.5	<5	---	---	21	0%	3.8
	Unknown	<5	---	---	0	0%	---	0	0%	---	<5	---	---
Total**	1,974	14%	145.3	3,944	28%	142.7	254	2%	43.8	6,172	43%	131.2	
Female	10-14	36	0%	40.7	62	0%	32.3	<5	---	---	100	1%	31.8
	15-19	856	6%	939.7	1,529	11%	802.3	66	0%	183.9	2,451	17%	771.8
	20-24	1,129	8%	1071.4	1,886	13%	989.2	127	1%	338.0	3,142	22%	941.8
	25-29	485	3%	516.1	770	5%	399.2	50	0%	161.4	1,305	9%	410.5
	30-34	209	1%	235.9	347	2%	174.6	31	0%	93.6	587	4%	183.2
	35-39	79	1%	92.4	173	1%	85.0	9	0%	26.2	261	2%	80.7
	40-44	47	0%	52.4	92	1%	42.3	<5	---	---	141	1%	40.8
	45-49	14	0%	14.7	42	0%	19.6	7	0%	16.8	63	0%	17.9
	50-54	7	0%	7.0	17	0%	8.2	0	0%	0.0	24	0%	6.8
	55-59	7	0%	7.4	10	0%	5.4	0	0%	0.0	17	0%	5.2
	60-64	<5	---	---	<5	---	---	0	0%	0.0	5	0%	1.7
	65+	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	Unknown	<5	---	---	<5	---	---	0	0%	---	<5	---	---
Total**	2,872	20%	203.1	4,935	34%	168.3	294	2%	48.5	8,101	57%	163.6	

\* per 100,000 population

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

Continued

**Table 34. N. C. Regional Gonorrhea Cases by Gender and Age, 2012 (Cont.)**

Age		EASTERN			PIEDMONT			WESTERN			TOTAL		
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Total***	10-14	42	0%	23.2	68	0%	17.4	<5	---	---	112	1%	17.4
	15-19	1,186	8%	627.1	2,180	15%	559.8	103	1%	137.2	3,469	24%	530.7
	20-24	1,901	13%	842.3	3,334	23%	886.7	218	2%	284.3	5,453	38%	803.8
	25-29	878	6%	460.5	1,511	11%	400.9	96	1%	151.2	2,485	17%	393.8
	30-34	428	3%	242.3	770	5%	198.2	67	0%	100.8	1,265	9%	200.3
	35-39	188	1%	111.4	393	3%	99.0	23	0%	32.9	604	4%	95.0
	40-44	99	1%	56.4	287	2%	67.1	12	0%	15.5	398	3%	58.5
	45-49	70	0%	37.7	175	1%	41.6	16	0%	19.4	261	2%	37.9
	50-54	34	0%	17.8	98	1%	24.3	6	0%	6.9	138	1%	20.3
	55-59	24	0%	13.4	46	0%	13.0	<5	---	---	73	1%	11.8
	60-64	8	0%	4.8	22	0%	7.0	<5	---	---	31	0%	5.5
	65+	7	0%	1.9	13	0%	1.9	<5	---	---	21	0%	1.6
	Unknown	<5	---	---	<5	---	---	0	0%	---	6	0%	---
<b>Total**</b>		4,873	34%	175.7	8,901	62%	156.2	548	4%	46.2	14,322	100%	148.3

\* 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, 2012**

Race/Ethnicity		EASTERN			PIEDMONT			WESTERN			TOTAL		
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	White**	27	5%	3.3	64	11%	3.6	8	1%	1.6	99	17%	3.2
	Black**	107	18%	28.9	282	47%	47.7	<5	---	---	391	65%	39.5
	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	<5	---	---	19	3%	6.6	0	0%	0.0	21	4%	4.7
	Unknown	<5	---	---	9	2%	---	<5	---	---	13	2%	---
	<b>Total</b>	142	24%	10.4	376	63%	13.6	11	2%	1.9	529	88%	11.2
Female	White**	6	1%	0.7	<5	---	---	0	0%	0.0	10	2%	0.3
	Black**	10	2%	2.4	33	6%	4.8	<5	---	---	44	7%	3.9
	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	<5	---	---	6	1%	2.4	0	0%	0.0	7	1%	1.8
	Unknown	<5	---	---	<5	---	---	0	0%	---	6	1%	---
	<b>Total</b>	21	4%	1.5	47	8%	1.6	<5	---	---	69	12%	1.4
Total	White**	33	6%	2.0	68	11%	1.9	8	1%	0.8	109	18%	1.7
	Black**	117	20%	14.9	315	53%	24.7	<5	---	---	435	73%	20.6
	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	<5	---	---	25	4%	4.6	0	0%	0.0	28	5%	3.4
	Unknown	6	1%	---	12	2%	---	<5	---	---	19	3%	---
	<b>Total</b>	163	27%	5.9	423	71%	7.4	12	2%	1.0	598	100%	6.2

\* 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, 2012**

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	9	2%	9.2	15	3%	7.5	<5	---	---	25	4%	7.4
	20-24	47	8%	39.1	95	16%	51.3	<5	---	---	143	24%	41.5
	25-29	32	5%	33.1	79	13%	42.9	0	0%	0.0	111	19%	35.4
	30-34	16	3%	18.2	49	8%	25.8	0	0%	0.0	65	11%	20.9
	35-39	6	1%	7.2	42	7%	21.7	<5	---	---	50	8%	16.0
	40-44	13	2%	15.1	30	5%	14.3	<5	---	---	44	7%	13.1
	45-49	8	1%	8.9	33	6%	16.0	<5	---	---	44	7%	13.0
	50-54	7	1%	7.7	15	3%	7.6	<5	---	---	24	4%	7.3
	55-59	<5	---	---	11	2%	6.5	0	0%	0.0	12	2%	4.1
	60-64	<5	---	---	<5	---	---	<5	---	---	5	1%	1.9
	65+	<5	---	---	5	1%	1.7	0	0%	0.0	6	1%	1.1
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---
	<b>Total**</b>	142	24%	10.4	376	63%	13.6	11	2%	1.9	529	88%	11.2
Female	10-14	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	15-19	<5	---	---	8	1%	4.2	0	0%	0.0	12	2%	3.8
	20-24	8	1%	7.6	15	3%	7.9	<5	---	---	24	4%	7.2
	25-29	<5	---	---	8	1%	4.1	0	0%	0.0	12	2%	3.8
	30-34	<5	---	---	5	1%	2.5	0	0%	0.0	6	1%	1.9
	35-39	<5	---	---	5	1%	2.5	0	0%	0.0	6	1%	1.9
	40-44	<5	---	---	<5	---	---	0	0%	0.0	6	1%	1.7
	45-49	<5	---	---	0	0%	0.0	0	0%	0.0	<5	---	---
	50-54	0	0%	0.0	<5	---	---	0	0%	0.0	<5	---	---
	55-59	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	60-64	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	65+	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---
	<b>Total**</b>	21	4%	1.5	47	8%	1.6	<5	---	---	69	12%	1.4

\* 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, 2012 (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	13	2%	6.9	23	4%	5.9	<5	---	---	37	6%	5.7
	20-24	55	9%	24.4	110	18%	29.3	<5	---	---	167	28%	24.6
	25-29	36	6%	18.9	87	15%	23.1	0	0%	0.0	123	21%	19.5
	30-34	17	3%	9.6	54	9%	13.9	0	0%	0.0	71	12%	11.2
	35-39	7	1%	4.1	47	8%	11.8	<5	---	---	56	9%	8.8
	40-44	15	3%	8.5	34	6%	8.0	<5	---	---	50	8%	7.3
	45-49	9	2%	4.8	33	6%	7.8	<5	---	---	45	8%	6.5
	50-54	7	1%	3.7	17	3%	4.2	<5	---	---	26	4%	3.8
	55-59	<5	---	---	11	2%	3.1	0	0%	0.0	12	2%	1.9
	60-64	<5	---	---	<5	---	---	<5	---	---	5	1%	0.9
	65+	<5	---	---	5	1%	0.7	0	0%	0.0	6	1%	0.5
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---
	<b>Total**</b>	163	27%	5.9	423	71%	7.4	12	2%	1.0	598	100%	6.2

\* per 100,000 population

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

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# North Carolina Geographic Regions

