

North Carolina HIV/STD Quarterly Surveillance Report: Vol. 2010, No. 1

Communicable Disease Surveillance Unit

Communicable Disease Branch
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ANNOUNCEMENTS:

Readers will note a substantial increase in syphilis reports for 2009 as compared to 2008. This noteworthy increase represents true increases in disease morbidity. Increases in chlamydia however are more likely the result of enhancements to related laboratory reporting. The North Carolina STD Surveillance data system underwent extensive changes in 2008 as North Carolina implemented NC EDSS (the North Carolina Electronic Disease Surveillance System). Reporting delays and changes in reporting processes for chlamydia and gonorrhea may have substantially affected data. Some cases listed in this report are considered presumptive; their status may change as case investigation continues.

Readers should consider the data in this report to be *preliminary*. Readers are also cautioned that these data represent reports for short time periods and that changes noted from quarter to quarter may not be meaningful.

HIV disease and AIDS are both presented by “date of report” in this publication. This gives a preliminary look at HIV and AIDS surveillance for the current year. Because HIV and AIDS morbidity trends are better described using “date of diagnosis” rather than “date of report”, only summary counts for the counties and a state total are provided. For descriptions of HIV disease and AIDS morbidity, please see our annual reports or the Epidemiologic Profile. Also, HIV and AIDS cases diagnosed/reported from long-term care institutions such as prisons are not included in county totals.

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

About the authors

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

About the contents of this report

The *North Carolina HIV/STD Surveillance Report: Vol. 2010, No. 1* presents statistics and trends of sexually transmitted diseases (including HIV and AIDS) in North Carolina from January 1 through March 31, 2010. All reports are presented by the date received by the CDSU. This report is intended as a reference document for local health departments, program managers, health planners, researchers and others who are concerned with the public health implications of these diseases. The information in this quarterly report is meant to be brief and provide limited data on these diseases throughout the year. More detailed and complete information will continue to be available in annual publications. This report and our annual publications are available on our website (www.epi.state.nc.us/epi/hiv/surveillance.html). The CDC maintains data about these diseases for the United States; national information is available from its website (www.cdc.gov)



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AIDS and HIV disease surveillance data

HIV disease case reports represent persons who have a confirmed diagnosis with human immunodeficiency virus (HIV). This category represents all new diagnoses with HIV in North Carolina regardless of the stage of the disease. Most persons are reported with only an HIV infection, but some persons are reported with a concurrent diagnosis of AIDS (acquired immunodeficiency syndrome). In North Carolina, about one-third of the new HIV disease reports represent persons who are diagnosed with HIV infection and AIDS at the same time. **AIDS case reports**, by contrast, represent only persons with HIV infection who have progressed (in North Carolina) to this later, more life threatening, stage of disease. Most AIDS case reports represent persons who were diagnosed with HIV infection in earlier years. For these reasons, 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 group of HIV disease includes AIDS cases but the time references are different.

Chlamydia surveillance data

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

Gonorrhea surveillance data

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

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 CDSU. Because North Carolina performs patient interviews, partner notification, and contact tracing on all early syphilis cases, the quality of the early latent case data is also quite good. Screening programs are more likely to detect asymptomatic cases, which may introduce some bias in the early latent case reports toward screened populations (pregnant women, jail inmates, others). But, thorough contact tracing further aids in case detection and reduces these biases.

For more information

The data descriptions provided on this page are succinct. For a more detailed discussion of the content, strengths, and weaknesses of STD and HIV surveillance data, please see Appendix B in the *Epidemiologic Profile for HIV/STD Prevention & Care Planning, December 2009*. This report can be found on our website www.epi.state.nc.us/epi/hiv/surveillance.html.

NORTH CAROLINA STD REPORTS- January through March, 2010

2010 Chlamydia Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Sex	Age Group										
Male	Unknown	2	0.0	n/a	n/a	n/a	n/a	n/a	n/a	2	0.0
	0-9	4	0.0	n/a	n/a	n/a	n/a	n/a	n/a	4	0.0
	10-14	3	0.0	n/a	n/a	n/a	n/a	n/a	n/a	3	0.0
	15-19	510	4.5	n/a	n/a	n/a	n/a	n/a	n/a	510	4.5
	20-24	841	7.5	n/a	n/a	n/a	n/a	n/a	n/a	841	7.5
	25-29	351	3.1	n/a	n/a	n/a	n/a	n/a	n/a	351	3.1
	30-34	152	1.4	n/a	n/a	n/a	n/a	n/a	n/a	152	1.4
	35-39	108	1.0	n/a	n/a	n/a	n/a	n/a	n/a	108	1.0
	40-44	46	0.4	n/a	n/a	n/a	n/a	n/a	n/a	46	0.4
	45-54	45	0.4	n/a	n/a	n/a	n/a	n/a	n/a	45	0.4
	55-64	8	0.1	n/a	n/a	n/a	n/a	n/a	n/a	8	0.1
	65+	4	0.0	n/a	n/a	n/a	n/a	n/a	n/a	4	0.0
	Total	2,074	18.5	n/a	n/a	n/a	n/a	n/a	n/a	2,074	18.5
Female	Unknown	14	0.1	n/a	n/a	n/a	n/a	n/a	n/a	14	0.1
	0-9	8	0.1	n/a	n/a	n/a	n/a	n/a	n/a	8	0.1
	10-14	102	0.9	n/a	n/a	n/a	n/a	n/a	n/a	102	0.9
	15-19	3,324	29.6	n/a	n/a	n/a	n/a	n/a	n/a	3,324	29.6
	20-24	3,601	32.1	n/a	n/a	n/a	n/a	n/a	n/a	3,601	32.1
	25-29	1,178	10.5	n/a	n/a	n/a	n/a	n/a	n/a	1,178	10.5
	30-34	504	4.5	n/a	n/a	n/a	n/a	n/a	n/a	504	4.5
	35-39	209	1.9	n/a	n/a	n/a	n/a	n/a	n/a	209	1.9
	40-44	77	0.7	n/a	n/a	n/a	n/a	n/a	n/a	77	0.7
	45-54	48	0.4	n/a	n/a	n/a	n/a	n/a	n/a	48	0.4
	55-64	11	0.1	n/a	n/a	n/a	n/a	n/a	n/a	11	0.1
	65+	3	0.0	n/a	n/a	n/a	n/a	n/a	n/a	3	0.0
	Total	9,079	80.9	n/a	n/a	n/a	n/a	n/a	n/a	9,079	80.9
Total**	Unknown	24	0.2	n/a	n/a	n/a	n/a	n/a	n/a	24	0.2
	0-9	12	0.1	n/a	n/a	n/a	n/a	n/a	n/a	12	0.1
	10-14	105	0.9	n/a	n/a	n/a	n/a	n/a	n/a	105	0.9
	15-19	3,857	34.4	n/a	n/a	n/a	n/a	n/a	n/a	3,857	34.4
	20-24	4,469	39.8	n/a	n/a	n/a	n/a	n/a	n/a	4,469	39.8
	25-29	1,542	13.7	n/a	n/a	n/a	n/a	n/a	n/a	1,542	13.7
	30-34	658	5.9	n/a	n/a	n/a	n/a	n/a	n/a	658	5.9
	35-39	317	2.8	n/a	n/a	n/a	n/a	n/a	n/a	317	2.8
	40-44	125	1.1	n/a	n/a	n/a	n/a	n/a	n/a	125	1.1
	45-54	93	0.8	n/a	n/a	n/a	n/a	n/a	n/a	93	0.8
	55-64	19	0.2	n/a	n/a	n/a	n/a	n/a	n/a	19	0.2
	65+	7	0.1	n/a	n/a	n/a	n/a	n/a	n/a	7	0.1
	Total	11,228	100.0	n/a	n/a	n/a	n/a	n/a	n/a	11,228	100.0

** Total includes 75 cases with unreported gender

NORTH CAROLINA STD REPORTS- January through March, 2010

2010 Chlamydia Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Sex	Race/Ethnicity										
Male	Unknown	736	6.6	n/a	n/a	n/a	n/a	n/a	n/a	736	6.6
	White*	201	1.8	n/a	n/a	n/a	n/a	n/a	n/a	201	1.8
	Black*	987	8.8	n/a	n/a	n/a	n/a	n/a	n/a	987	8.8
	American Indian*	22	0.2	n/a	n/a	n/a	n/a	n/a	n/a	22	0.2
	Asian, Pac Islander*	12	0.1	n/a	n/a	n/a	n/a	n/a	n/a	12	0.1
	Hispanic	116	1.0	n/a	n/a	n/a	n/a	n/a	n/a	116	1.0
	Total	2,074	18.5	n/a	n/a	n/a	n/a	n/a	n/a	2,074	18.5
Female	Race/Ethnicity										
	Unknown	3,051	27.2	n/a	n/a	n/a	n/a	n/a	n/a	3,051	27.2
	White*	1,510	13.4	n/a	n/a	n/a	n/a	n/a	n/a	1,510	13.4
	Black*	3,919	34.9	n/a	n/a	n/a	n/a	n/a	n/a	3,919	34.9
	American Indian*	129	1.1	n/a	n/a	n/a	n/a	n/a	n/a	129	1.1
	Asian, Pac Islander*	41	0.4	n/a	n/a	n/a	n/a	n/a	n/a	41	0.4
	Hispanic	429	3.8	n/a	n/a	n/a	n/a	n/a	n/a	429	3.8
	Total	9,079	80.9	n/a	n/a	n/a	n/a	n/a	n/a	9,079	80.9
Total**	Race/Ethnicity										
	Unknown	3,826	34.1	n/a	n/a	n/a	n/a	n/a	n/a	3,826	34.1
	White*	1,713	15.3	n/a	n/a	n/a	n/a	n/a	n/a	1,713	15.3
	Black*	4,938	44.0	n/a	n/a	n/a	n/a	n/a	n/a	4,938	44.0
	American Indian*	151	1.3	n/a	n/a	n/a	n/a	n/a	n/a	151	1.3
	Asian, Pac Islander*	54	0.5	n/a	n/a	n/a	n/a	n/a	n/a	54	0.5
	Hispanic	546	4.9	n/a	n/a	n/a	n/a	n/a	n/a	546	4.9
	Total	11,228	100.0	n/a	n/a	n/a	n/a	n/a	n/a	11,228	100.0

*non Hispanic **Total includes 75 cases with unreported gender

NORTH CAROLINA STD REPORTS- January through March, 2010

2010 Gonorrhea Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Sex	Age Group										
Male	Unknown	1	0.0	n/a	n/a	n/a	n/a	n/a	n/a	1	0.0
	0-9	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	10-14	2	0.1	n/a	n/a	n/a	n/a	n/a	n/a	2	0.1
	15-19	277	7.6	n/a	n/a	n/a	n/a	n/a	n/a	277	7.6
	20-24	562	15.4	n/a	n/a	n/a	n/a	n/a	n/a	562	15.4
	25-29	268	7.4	n/a	n/a	n/a	n/a	n/a	n/a	268	7.4
	30-34	142	3.9	n/a	n/a	n/a	n/a	n/a	n/a	142	3.9
	35-39	92	2.5	n/a	n/a	n/a	n/a	n/a	n/a	92	2.5
	40-44	60	1.6	n/a	n/a	n/a	n/a	n/a	n/a	60	1.6
	45-54	51	1.4	n/a	n/a	n/a	n/a	n/a	n/a	51	1.4
	55-64	19	0.5	n/a	n/a	n/a	n/a	n/a	n/a	19	0.5
	65+	4	0.1	n/a	n/a	n/a	n/a	n/a	n/a	4	0.1
	Total	1,478	40.6	n/a	n/a	n/a	n/a	n/a	n/a	1,478	40.6
Female	Unknown	2	0.1	n/a	n/a	n/a	n/a	n/a	n/a	2	0.1
	0-9	2	0.1	n/a	n/a	n/a	n/a	n/a	n/a	2	0.1
	10-14	19	0.5	n/a	n/a	n/a	n/a	n/a	n/a	19	0.5
	15-19	709	19.5	n/a	n/a	n/a	n/a	n/a	n/a	709	19.5
	20-24	805	22.1	n/a	n/a	n/a	n/a	n/a	n/a	805	22.1
	25-29	320	8.8	n/a	n/a	n/a	n/a	n/a	n/a	320	8.8
	30-34	142	3.9	n/a	n/a	n/a	n/a	n/a	n/a	142	3.9
	35-39	70	1.9	n/a	n/a	n/a	n/a	n/a	n/a	70	1.9
	40-44	29	0.8	n/a	n/a	n/a	n/a	n/a	n/a	29	0.8
	45-54	27	0.7	n/a	n/a	n/a	n/a	n/a	n/a	27	0.7
	55-64	2	0.1	n/a	n/a	n/a	n/a	n/a	n/a	2	0.1
	65+	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	Total	2,127	58.4	n/a	n/a	n/a	n/a	n/a	n/a	2,127	58.4
Total**	Unknown	9	0.2	n/a	n/a	n/a	n/a	n/a	n/a	9	0.2
	0-9	2	0.1	n/a	n/a	n/a	n/a	n/a	n/a	2	0.1
	10-14	21	0.6	n/a	n/a	n/a	n/a	n/a	n/a	21	0.6
	15-19	991	27.2	n/a	n/a	n/a	n/a	n/a	n/a	991	27.2
	20-24	1,384	38.0	n/a	n/a	n/a	n/a	n/a	n/a	1,384	38.0
	25-29	591	16.2	n/a	n/a	n/a	n/a	n/a	n/a	591	16.2
	30-34	287	7.9	n/a	n/a	n/a	n/a	n/a	n/a	287	7.9
	35-39	163	4.5	n/a	n/a	n/a	n/a	n/a	n/a	163	4.5
	40-44	89	2.4	n/a	n/a	n/a	n/a	n/a	n/a	89	2.4
	45-54	78	2.1	n/a	n/a	n/a	n/a	n/a	n/a	78	2.1
	55-64	21	0.6	n/a	n/a	n/a	n/a	n/a	n/a	21	0.6
	65+	4	0.1	n/a	n/a	n/a	n/a	n/a	n/a	4	0.1
	Total	3,640	100.0	n/a	n/a	n/a	n/a	n/a	n/a	3,640	100.0

** Total includes 35 cases with unreported gender

NORTH CAROLINA STD REPORTS- January through March, 2010

2010 Gonorrhea Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Sex	Race/Ethnicity										
Male	Unknown	436	12.0	n/a	n/a	n/a	n/a	n/a	n/a	436	12.0
	White*	98	2.7	n/a	n/a	n/a	n/a	n/a	n/a	98	2.7
	Black*	890	24.5	n/a	n/a	n/a	n/a	n/a	n/a	890	24.5
	American Indian*	16	0.4	n/a	n/a	n/a	n/a	n/a	n/a	16	0.4
	Asian, Pac Islander*	n/a	0.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.0
	Hispanic	38	1.0	n/a	n/a	n/a	n/a	n/a	n/a	38	1.0
	Total	1,478	40.6	n/a	n/a	n/a	n/a	n/a	n/a	1,478	40.6
Female	Race/Ethnicity										
	Unknown	664	18.2	n/a	n/a	n/a	n/a	n/a	n/a	664	18.2
	White*	244	6.7	n/a	n/a	n/a	n/a	n/a	n/a	244	6.7
	Black*	1,145	31.5	n/a	n/a	n/a	n/a	n/a	n/a	1,145	31.5
	American Indian*	29	0.8	n/a	n/a	n/a	n/a	n/a	n/a	29	0.8
	Asian, Pac Islander*	7	0.2	n/a	n/a	n/a	n/a	n/a	n/a	7	0.2
	Hispanic	38	1.0	n/a	n/a	n/a	n/a	n/a	n/a	38	1.0
	Total	2,127	58.4	n/a	n/a	n/a	n/a	n/a	n/a	2,127	58.4
Total**	Race/Ethnicity										
	Unknown	1,116	30.7	n/a	n/a	n/a	n/a	n/a	n/a	1,116	30.7
	White*	344	9.5	n/a	n/a	n/a	n/a	n/a	n/a	344	9.5
	Black*	2,052	56.4	n/a	n/a	n/a	n/a	n/a	n/a	2,052	56.4
	American Indian*	45	1.2	n/a	n/a	n/a	n/a	n/a	n/a	45	1.2
	Asian, Pac Islander*	7	0.2	n/a	n/a	n/a	n/a	n/a	n/a	7	0.2
	Hispanic	76	2.1	n/a	n/a	n/a	n/a	n/a	n/a	76	2.1
	Total	3,640	100.0	n/a	n/a	n/a	n/a	n/a	n/a	3,640	100.0

*non Hispanic **Total includes 35 cases with unreported gender

NORTH CAROLINA STD REPORTS- January through March, 2010

2010 Early Syphilis Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Sex	Age Group										
Male	Unknown	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	0-9	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	10-14	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	15-19	22	9.6	n/a	n/a	n/a	n/a	n/a	n/a	22	9.6
	20-24	37	16.1	n/a	n/a	n/a	n/a	n/a	n/a	37	16.1
	25-29	35	15.2	n/a	n/a	n/a	n/a	n/a	n/a	35	15.2
	30-34	18	7.8	n/a	n/a	n/a	n/a	n/a	n/a	18	7.8
	35-39	13	5.7	n/a	n/a	n/a	n/a	n/a	n/a	13	5.7
	40-44	16	7.0	n/a	n/a	n/a	n/a	n/a	n/a	16	7.0
	45-54	24	10.4	n/a	n/a	n/a	n/a	n/a	n/a	24	10.4
	55-64	7	3.0	n/a	n/a	n/a	n/a	n/a	n/a	7	3.0
	65+	3	1.3	n/a	n/a	n/a	n/a	n/a	n/a	3	1.3
	Total	175	76.1	n/a	n/a	n/a	n/a	n/a	n/a	175	76.1
Female	Unknown	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	0-9	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	10-14	1	0.4	n/a	n/a	n/a	n/a	n/a	n/a	1	0.4
	15-19	10	4.3	n/a	n/a	n/a	n/a	n/a	n/a	10	4.3
	20-24	7	3.0	n/a	n/a	n/a	n/a	n/a	n/a	7	3.0
	25-29	11	4.8	n/a	n/a	n/a	n/a	n/a	n/a	11	4.8
	30-34	4	1.7	n/a	n/a	n/a	n/a	n/a	n/a	4	1.7
	35-39	7	3.0	n/a	n/a	n/a	n/a	n/a	n/a	7	3.0
	40-44	7	3.0	n/a	n/a	n/a	n/a	n/a	n/a	7	3.0
	45-54	8	3.5	n/a	n/a	n/a	n/a	n/a	n/a	8	3.5
	55-64	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	65+	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	Total	55	23.9	n/a	n/a	n/a	n/a	n/a	n/a	55	23.9
Total	Unknown	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	0-9	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	10-14	1	0.4	n/a	n/a	n/a	n/a	n/a	n/a	1	0.4
	15-19	32	13.9	n/a	n/a	n/a	n/a	n/a	n/a	32	13.9
	20-24	44	19.1	n/a	n/a	n/a	n/a	n/a	n/a	44	19.1
	25-29	46	20.0	n/a	n/a	n/a	n/a	n/a	n/a	46	20.0
	30-34	22	9.6	n/a	n/a	n/a	n/a	n/a	n/a	22	9.6
	35-39	20	8.7	n/a	n/a	n/a	n/a	n/a	n/a	20	8.7
	40-44	23	10.0	n/a	n/a	n/a	n/a	n/a	n/a	23	10.0
	45-54	32	13.9	n/a	n/a	n/a	n/a	n/a	n/a	32	13.9
	55-64	7	3.0	n/a	n/a	n/a	n/a	n/a	n/a	7	3.0
	65+	3	1.3	n/a	n/a	n/a	n/a	n/a	n/a	3	1.3
	Total	230	100.0	n/a	n/a	n/a	n/a	n/a	n/a	230	100.0

NORTH CAROLINA STD REPORTS- January through March, 2010

2010 Early Syphilis Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Sex	Race/Ethnicity										
Male	Unknown	2	0.9	n/a	n/a	n/a	n/a	n/a	n/a	2	0.9
	White*	26	11.3	n/a	n/a	n/a	n/a	n/a	n/a	26	11.3
	Black*	139	60.4	n/a	n/a	n/a	n/a	n/a	n/a	139	60.4
	American Indian*	2	0.9	n/a	n/a	n/a	n/a	n/a	n/a	2	0.9
	Asian, Pac Islander*	1	0.4	n/a	n/a	n/a	n/a	n/a	n/a	1	0.4
	Hispanic	5	2.2	n/a	n/a	n/a	n/a	n/a	n/a	5	2.2
	Total	175	76.1	n/a	n/a	n/a	n/a	n/a	n/a	175	76.1
Female	Race/Ethnicity										
	Unknown	1	0.4	n/a	n/a	n/a	n/a	n/a	n/a	1	0.4
	White*	10	4.3	n/a	n/a	n/a	n/a	n/a	n/a	10	4.3
	Black*	42	18.3	n/a	n/a	n/a	n/a	n/a	n/a	42	18.3
	American Indian*	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	Asian, Pac Islander*	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	Hispanic	2	0.9	n/a	n/a	n/a	n/a	n/a	n/a	2	0.9
	Total	55	23.9	n/a	n/a	n/a	n/a	n/a	n/a	55	23.9
Total	Race/Ethnicity										
	Unknown	3	1.3	n/a	n/a	n/a	n/a	n/a	n/a	3	1.3
	White*	36	15.7	n/a	n/a	n/a	n/a	n/a	n/a	36	15.7
	Black*	181	78.7	n/a	n/a	n/a	n/a	n/a	n/a	181	78.7
	American Indian*	2	0.9	n/a	n/a	n/a	n/a	n/a	n/a	2	0.9
	Asian, Pac Islander*	1	0.4	n/a	n/a	n/a	n/a	n/a	n/a	1	0.4
	Hispanic	7	3.0	n/a	n/a	n/a	n/a	n/a	n/a	7	3.0
	Total	230	100.0	n/a	n/a	n/a	n/a	n/a	n/a	230	100.0

*non Hispanic

NORTH CAROLINA STD REPORTS- January through March, 2008-2010

YEAR TO DATE	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2008 Jan-Mar	2009 Jan-Mar	2010 Jan-Mar	2008 Jan-Mar	2009 Jan-Mar	2010 Jan-Mar	2008 Jan-Mar	2009 Jan-Mar	2010 Jan-Mar	2008 Jan-Mar	2009 Jan-Mar	2010 Jan-Mar
ALAMANCE	94	159	137	18	63	70	0	0	1	1	2	3
ALEXANDER	14	28	12	4	3	3	0	0	0	0	0	0
ALLEGHANY	0	6	0	0	0	0	0	0	0	0	0	0
ANSON	18	78	40	15	53	22	0	0	0	0	0	0
ASHE	1	10	2	0	1	1	0	0	0	0	0	0
AVERY	1	7	8	0	1	1	0	0	0	0	0	0
BEAUFORT	16	64	81	7	24	19	0	0	1	0	0	1
BERTIE	20	34	41	8	13	18	0	0	0	0	0	0
BLADEN	17	58	62	2	14	11	0	0	0	0	1	0
BRUNSWICK	24	57	63	13	13	17	0	0	0	1	1	0
BUNCOMBE	44	205	208	11	51	59	1	4	1	0	1	0
BURKE	20	71	62	8	19	31	0	0	0	0	0	0
CABARRUS	88	229	141	35	39	35	0	0	1	2	0	0
CALDWELL	22	49	50	3	5	5	0	0	0	0	0	0
CAMDEN	4	5	4	1	0	2	0	1	0	0	0	0
CARTERET	26	66	47	1	7	8	0	0	0	0	0	0
CASWELL	3	24	23	0	12	10	0	0	0	0	0	0
CATAWBA	83	118	136	20	36	40	1	0	0	0	0	0
CHATHAM	8	28	39	2	8	7	0	0	0	0	1	0
CHEROKEE	3	5	4	0	0	0	0	0	0	0	0	0
CHOWAN	9	18	22	0	12	5	0	0	0	0	0	0
CLAY	0	5	1	0	0	0	0	0	0	0	0	0
CLEVELAND	48	96	102	33	38	42	2	1	1	1	0	0
COLUMBUS	22	60	64	8	22	29	0	0	0	0	0	0
CRAVEN	34	172	175	13	24	43	1	0	3	1	0	0
CUMBERLAND	274	788	712	130	285	314	0	4	5	1	4	4
CURRITUCK	8	19	14	5	9	8	0	1	0	0	0	0
DARE	3	21	20	3	5	2	0	0	1	0	0	0
DAVIDSON	28	131	95	3	11	19	0	1	0	0	0	1
DAVIE	7	30	25	4	3	1	0	0	0	0	0	0
DUPLIN	26	62	55	5	15	14	0	0	2	0	0	1
DURHAM	175	429	596	73	160	242	9	14	3	5	5	2
EDGECOMBE	74	150	185	44	86	69	0	1	1	6	3	1
FORSYTH	216	569	656	57	132	162	2	22	31	7	12	20
FRANKLIN	19	42	34	11	28	19	1	0	0	0	0	0
GASTON	78	170	247	58	94	101	0	2	1	0	0	0
GATES	9	14	12	3	5	5	0	0	0	0	0	0
GRAHAM	1	5	3	0	0	0	0	0	0	0	0	1
GRANVILLE	28	74	51	19	13	34	0	0	0	1	1	0
GREENE	25	36	28	5	9	16	0	0	0	0	0	0
GUILFORD	294	440	708	77	122	259	13	8	7	4	5	6
HALIFAX	83	104	91	11	48	37	0	0	0	0	1	0
HARNETT	20	99	99	9	32	17	0	0	1	0	0	0
HAYWOOD	4	43	20	0	8	0	0	0	0	0	0	0
HENDERSON	10	34	42	3	7	8	0	0	1	0	0	1
HERTFORD	18	56	62	5	22	23	0	0	0	0	0	0
HOKE	39	50	55	19	13	18	1	0	0	0	0	0
HYDE	2	6	4	0	0	3	0	0	0	0	0	0
IREDELL	71	126	117	45	67	51	0	0	1	0	0	0
JACKSON	7	44	39	3	1	2	0	1	0	0	0	0
JOHNSTON	42	120	127	14	30	19	0	1	0	3	1	0

Continued

NORTH CAROLINA STD REPORTS- January through March, 2008-2010 (Cont.)

YEAR TO DATE	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2008 Jan-Mar	2009 Jan-Mar	2010 Jan-Mar	2008 Jan-Mar	2009 Jan-Mar	2010 Jan-Mar	2008 Jan-Mar	2009 Jan-Mar	2010 Jan-Mar	2008 Jan-Mar	2009 Jan-Mar	2010 Jan-Mar
JONES	4	9	10	0	3	2	0	0	0	0	0	0
LEE	19	61	71	8	15	18	0	1	0	0	0	1
LENOIR	46	80	94	18	32	37	0	1	0	0	0	0
LINCOLN	21	39	55	6	6	8	0	1	0	0	0	0
MACON	1	14	10	1	1	2	0	0	0	0	0	0
MADISON	6	5	4	0	2	2	0	0	0	0	0	0
MARTIN	17	51	35	2	19	13	0	0	0	0	0	0
MCDOWELL	11	30	21	4	10	1	0	0	0	0	0	0
MECKLENBURG	325	1,362	975	310	466	291	9	19	32	5	14	14
MITCHELL	3	3	4	0	0	2	0	0	0	0	0	0
MONTGOMERY	21	19	23	2	7	4	0	0	0	0	0	0
MOORE	45	48	54	6	29	29	1	1	0	1	1	0
NASH	116	149	167	19	67	77	4	1	1	2	0	2
NEW HANOVER	42	247	206	31	63	62	2	2	0	4	3	1
NORTHAMPTON	12	39	28	7	17	11	0	0	3	0	0	0
ONslow	42	274	272	21	62	76	0	0	1	2	0	1
ORANGE	27	98	98	6	13	26	1	0	0	0	0	0
PAMLICO	2	8	10	0	2	3	0	0	1	0	0	0
PASQUOTANK	40	64	53	11	37	23	0	0	0	0	0	0
PENDER	9	39	34	3	8	5	2	0	0	0	0	0
PERQUIMANS	6	35	7	5	16	4	0	0	0	0	0	0
PERSON	20	35	42	5	8	7	0	0	0	0	0	0
PITT	70	328	442	58	123	107	2	0	5	1	2	3
POLK	4	5	2	2	0	0	0	1	0	0	0	0
RANDOLPH	43	74	67	6	17	12	0	1	0	0	1	0
RICHMOND	29	137	60	4	87	14	0	0	0	0	0	1
ROBESON	30	246	295	43	127	113	0	0	2	1	0	2
ROCKINGHAM	36	102	73	16	26	13	0	0	2	1	0	0
ROWAN	61	163	168	65	58	78	0	0	0	0	0	1
RUTHERFORD	31	44	59	9	9	12	0	0	0	0	1	0
SAMPSON	25	69	58	9	19	23	0	1	1	1	0	0
SCOTLAND	32	53	52	4	30	32	0	0	0	0	0	1
STANLY	43	86	41	9	33	6	0	0	0	0	0	0
STOKES	20	17	20	4	2	0	0	0	2	1	0	1
SURRY	22	32	34	2	6	4	0	0	0	1	1	0
SWAIN	0	4	15	0	0	0	0	0	0	0	0	0
TRANSYLVANIA	9	20	26	2	4	5	0	0	0	0	0	0
TYRRELL	2	7	4	1	1	0	0	0	0	0	0	0
UNION	64	137	140	25	76	39	0	1	1	0	0	0
VANCE	32	106	120	17	51	61	0	2	3	0	0	1
WAKE	429	966	1,129	98	290	321	8	11	14	4	9	12
WARREN	4	36	21	9	20	14	0	0	0	0	0	0
WASHINGTON	11	22	9	3	8	8	0	0	0	0	0	1
WATAUGA	8	21	22	1	2	1	0	0	1	0	0	0
WAYNE	71	168	234	10	69	64	4	8	4	2	3	11
WILKES	11	41	25	3	4	3	0	0	0	1	0	0
WILSON	62	147	203	25	73	83	1	2	0	0	1	1
YADKIN	9	22	12	2	3	3	0	0	0	0	1	0
YANCEY	3	4	3	0	2	0	0	0	0	0	0	0
TOTAL	4,176	11,080	11,228	1,700	3,686	3,640	65	114	135	60	75	95

NORTH CAROLINA HIV DISEASE REPORTS - January through March, 2008-2010

COUNTY OF HIV REPORT	2008 Jan-Mar	2009 Jan-Mar	2010 Jan-Mar
ALAMANCE	14	1	11
ALEXANDER	2	1	0
ALLEGHANY	0	0	0
ANSON	0	0	0
ASHE	1	0	0
AVERY	1	2	0
BEAUFORT	5	1	0
BERTIE	0	0	0
BLADEN	0	1	1
BRUNSWICK	2	6	1
BUNCOMBE	7	6	3
BURKE	4	2	0
CABARRUS	14	9	5
CALDWELL	2	0	0
CAMDEN	0	1	0
CARTERET	0	1	1
CASWELL	1	0	1
CATAWBA	4	4	4
CHATHAM	1	3	2
CHEROKEE	0	0	1
CHOWAN	0	1	0
CLAY	0	1	0
CLEVELAND	4	4	1
COLUMBUS	3	3	3
CRAVEN	6	0	2
CUMBERLAND	21	13	18
CURRITUCK	1	0	0
DARE	1	0	0
DAVIDSON	7	1	4
DAVIE	1	0	0
DUPLIN	3	1	4
DURHAM	28	23	37
EDGECOMBE	1	6	6
FORSYTH	23	19	14
FRANKLIN	1	1	5
GASTON	5	12	9
GATES	0	0	1
GRAHAM	0	0	0
GRANVILLE	4	4	6
GREENE	0	0	0
GUILFORD	52	39	32
HALIFAX	2	0	1
HARNETT	3	7	2
HAYWOOD	1	0	0
HENDERSON	0	1	1
HERTFORD	5	0	2
HOKE	4	1	2
HYDE	0	0	0
IREDELL	6	2	0
JACKSON	1	1	2
JOHNSTON	4	6	3
JONES	0	0	0
LEE	7	2	2

COUNTY OF HIV REPORT	2008 Jan-Mar	2009 Jan-Mar	2010 Jan-Mar
LENOIR	5	2	1
LINCOLN	1	0	2
MACON	1	1	1
MADISON	0	0	0
MARTIN	0	0	0
MCDOWELL	0	0	1
MECKLENBURG	89	113	67
MITCHELL	0	1	0
MONTGOMERY	1	1	0
MOORE	2	5	2
NASH	9	2	7
NEW HANOVER	22	5	2
NORTHAMPTON	1	1	0
ONSLOW	4	2	5
ORANGE	8	2	2
PAMLICO	0	0	1
PASQUOTANK	1	1	0
PENDER	0	1	0
PERQUIMANS	2	1	0
PERSON	0	2	2
PITT	11	8	8
POLK	0	0	0
RANDOLPH	4	2	3
RICHMOND	3	1	2
ROBESON	7	9	3
ROCKINGHAM	3	3	0
ROWAN	4	7	4
RUTHERFORD	2	2	0
SAMPSON	2	3	1
SCOTLAND	2	2	1
STANLY	0	0	0
STOKES	0	0	1
SURRY	0	2	0
SWAIN	0	0	0
TRANSYLVANIA	1	2	0
TYRRELL	0	0	0
UNION	5	5	2
VANCE	5	1	6
WAKE	76	46	34
WARREN	1	0	1
WASHINGTON	0	2	0
WATAUGA	1	1	0
WAYNE	8	11	4
WILKES	1	1	3
WILSON	8	9	5
YADKIN	0	0	0
YANCEY	0	2	0
UNASSIGNED*	17	25	12
TOTAL	559	470	370

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

NORTH CAROLINA AIDS REPORTS - January through March, 2008-2010

COUNTY OF AIDS REPORT	2008 Jan-Mar	2009 Jan-Mar	2010 Jan-Mar
ALAMANCE	1	2	11
ALEXANDER	2	0	0
ALLEGHANY	0	0	0
ANSON	0	1	0
ASHE	0	0	0
AVERY	1	1	0
BEAUFORT	1	2	3
BERTIE	0	0	1
BLADEN	0	2	3
BRUNSWICK	1	4	0
BUNCOMBE	4	6	1
BURKE	0	1	2
CABARRUS	0	2	3
CALDWELL	1	0	0
CAMDEN	0	2	0
CARTERET	1	1	2
CASWELL	0	0	1
CATAWBA	3	5	1
CHATHAM	0	0	2
CHEROKEE	0	0	0
CHOWAN	0	2	0
CLAY	0	0	0
CLEVELAND	1	4	2
COLUMBUS	4	2	1
CRAVEN	2	2	1
CUMBERLAND	7	15	17
CURRITUCK	0	1	0
DARE	0	1	0
DAVIDSON	3	2	5
DAVIE	0	0	0
DUPLIN	0	0	3
DURHAM	16	14	17
EDGECOMBE	2	6	6
FORSYTH	6	17	5
FRANKLIN	0	2	3
GASTON	4	3	5
GATES	0	0	0
GRAHAM	0	0	0
GRANVILLE	1	3	4
GREENE	0	1	1
GUILFORD	15	21	16
HALIFAX	3	2	1
HARNETT	5	1	0
HAYWOOD	0	1	1
HENDERSON	1	0	2
HERTFORD	1	0	1
HOKE	4	3	1
HYDE	0	0	0
IREDELL	3	3	0
JACKSON	0	0	0
JOHNSTON	5	2	6
JONES	1	0	2
LEE	2	6	1

COUNTY OF AIDS REPORT	2008 Jan-Mar	2009 Jan-Mar	2010 Jan-Mar
LENOIR	2	2	2
LINCOLN	0	0	2
MACON	0	0	2
MADISON	0	0	0
MARTIN	0	1	0
MCDOWELL	0	0	0
MECKLENBURG	35	45	36
MITCHELL	0	0	0
MONTGOMERY	0	0	0
MOORE	0	1	1
NASH	5	3	7
NEW HANOVER	5	3	4
NORTHAMPTON	0	1	2
ONSLOW	0	3	3
ORANGE	1	2	1
PAMLICO	0	0	1
PASQUOTANK	0	1	0
PENDER	0	0	1
PERQUIMANS	0	0	0
PERSON	2	1	1
PITT	6	6	7
POLK	0	1	0
RANDOLPH	1	1	2
RICHMOND	3	3	0
ROBESON	6	4	11
ROCKINGHAM	3	0	0
ROWAN	3	4	1
RUTHERFORD	1	1	1
SAMPSON	0	3	0
SCOTLAND	2	0	1
STANLY	0	0	0
STOKES	0	0	1
SURRY	0	0	0
SWAIN	0	0	0
TRANSYLVANIA	0	0	0
TYRRELL	0	0	0
UNION	2	2	2
VANCE	2	2	0
WAKE	32	33	27
WARREN	0	0	0
WASHINGTON	3	0	0
WATAUGA	0	1	0
WAYNE	5	3	2
WILKES	0	0	1
WILSON	4	5	2
YADKIN	0	0	0
YANCEY	0	0	0
UNASSIGNED*	9	15	22
TOTAL	233	290	274

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