

North Carolina HIV/STD Quarterly Surveillance Report: Vol. 2011, No. 1

Communicable Disease Surveillance Unit

Communicable Disease Branch
Epidemiology Section, Division of Public Health
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ANNOUNCEMENTS:

Readers will note a continuing elevation of the syphilis morbidity in North Carolina for 2009 through 2011, when compared to levels reported prior to 2009. This elevation represents a true increase in morbidity.

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). During 2010, a program-wide effort was initiated to reduce the number of duplicates in this new system, to target key reporting issues through trainings and internal quality control audits, and to utilize more accurate analysis tools to extract morbidity data from NC EDSS. This effort has resulted in more accurate reporting for 2010; **therefore, comparison of 2010 data to the previous years should be done with caution.**

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. Some cases listed in this report are considered presumptive; their status may change as case investigation continues.

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

About the authors

North Carolina law requires that diagnoses of certain communicable diseases, including sexually transmitted diseases (STDs), be reported to local health departments that in turn report the information to the state. The 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. 2011, No. 1* presents statistics and trends of sexually transmitted diseases (including HIV and AIDS) in North Carolina from January 1 through March 31, 2011. 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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HIV and AIDS 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 to this later, more life threatening, stage of disease. 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. **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. Also, HIV and AIDS cases diagnosed/reported from long-term care institutions such as prisons are not included in county totals, but are listed under “Unassigned” county.

Chlamydia surveillance data

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

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 2010*. This report can be found on our website www.epi.state.nc.us/epi/hiv/surveillance.html.

NORTH CAROLINA STD REPORTS- January through March, 2011

2011 Chlamydia Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Sex	Age Group										
Male	Unknown	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	0-9	5	0.0	n/a	n/a	n/a	n/a	n/a	n/a	5	0.0
	10-14	9	0.1	n/a	n/a	n/a	n/a	n/a	n/a	9	0.1
	15-19	594	4.7	n/a	n/a	n/a	n/a	n/a	n/a	594	4.7
	20-24	1,128	8.9	n/a	n/a	n/a	n/a	n/a	n/a	1,128	8.9
	25-29	433	3.4	n/a	n/a	n/a	n/a	n/a	n/a	433	3.4
	30-34	229	1.8	n/a	n/a	n/a	n/a	n/a	n/a	229	1.8
	35-39	109	0.9	n/a	n/a	n/a	n/a	n/a	n/a	109	0.9
	40-44	70	0.6	n/a	n/a	n/a	n/a	n/a	n/a	70	0.6
	45-54	56	0.4	n/a	n/a	n/a	n/a	n/a	n/a	56	0.4
	55-64	8	0.1	n/a	n/a	n/a	n/a	n/a	n/a	8	0.1
	65+	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	Total	2,644	21.0	n/a	n/a	n/a	n/a	n/a	n/a	2,644	21.0
Female	Age Group										
	Unknown	6	0.0	n/a	n/a	n/a	n/a	n/a	n/a	6	0.0
	0-9	6	0.0	n/a	n/a	n/a	n/a	n/a	n/a	6	0.0
	10-14	85	0.7	n/a	n/a	n/a	n/a	n/a	n/a	85	0.7
	15-19	3,652	29.0	n/a	n/a	n/a	n/a	n/a	n/a	3,652	29.0
	20-24	4,022	31.9	n/a	n/a	n/a	n/a	n/a	n/a	4,022	31.9
	25-29	1,274	10.1	n/a	n/a	n/a	n/a	n/a	n/a	1,274	10.1
	30-34	496	3.9	n/a	n/a	n/a	n/a	n/a	n/a	496	3.9
	35-39	219	1.7	n/a	n/a	n/a	n/a	n/a	n/a	219	1.7
	40-44	93	0.7	n/a	n/a	n/a	n/a	n/a	n/a	93	0.7
	45-54	51	0.4	n/a	n/a	n/a	n/a	n/a	n/a	51	0.4
	55-64	5	0.0	n/a	n/a	n/a	n/a	n/a	n/a	5	0.0
	65+	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	Total	9,912	78.6	n/a	n/a	n/a	n/a	n/a	n/a	9,912	78.6
Total	Age Group										
	Unknown	11	0.1	n/a	n/a	n/a	n/a	n/a	n/a	11	0.1
	0-9	11	0.1	n/a	n/a	n/a	n/a	n/a	n/a	11	0.1
	10-14	95	0.8	n/a	n/a	n/a	n/a	n/a	n/a	95	0.8
	15-19	4,260	33.8	n/a	n/a	n/a	n/a	n/a	n/a	4,260	33.8
	20-24	5,169	41.0	n/a	n/a	n/a	n/a	n/a	n/a	5,169	41.0
	25-29	1,718	13.6	n/a	n/a	n/a	n/a	n/a	n/a	1,718	13.6
	30-34	729	5.8	n/a	n/a	n/a	n/a	n/a	n/a	729	5.8
	35-39	328	2.6	n/a	n/a	n/a	n/a	n/a	n/a	328	2.6
	40-44	164	1.3	n/a	n/a	n/a	n/a	n/a	n/a	164	1.3
	45-54	107	0.8	n/a	n/a	n/a	n/a	n/a	n/a	107	0.8
	55-64	13	0.1	n/a	n/a	n/a	n/a	n/a	n/a	13	0.1
	65+	5	0.0	n/a	n/a	n/a	n/a	n/a	n/a	5	0.0
	Total	12,610	100.0	n/a	n/a	n/a	n/a	n/a	n/a	12,610	100.0

** Total includes 54 cases with unreported gender

NORTH CAROLINA STD REPORTS- January through March, 2011

2011 Chlamydia Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Sex	Race/Ethnicity										
Male	Unknown	1,067	8.5	n/a	n/a	n/a	n/a	n/a	n/a	1,067	8.5
	White*	283	2.2	n/a	n/a	n/a	n/a	n/a	n/a	283	2.2
	Black*	1,138	9.0	n/a	n/a	n/a	n/a	n/a	n/a	1,138	9.0
	American Indian*	8	0.1	n/a	n/a	n/a	n/a	n/a	n/a	8	0.1
	Asian/Pac Islander*	9	0.1	n/a	n/a	n/a	n/a	n/a	n/a	9	0.1
	Hispanic	139	1.1	n/a	n/a	n/a	n/a	n/a	n/a	139	1.1
	Total	2,644	21.0	n/a	n/a	n/a	n/a	n/a	n/a	2,644	21.0
Female	Race/Ethnicity										
	Unknown	3,550	28.2	n/a	n/a	n/a	n/a	n/a	n/a	3,550	28.2
	White*	1,718	13.6	n/a	n/a	n/a	n/a	n/a	n/a	1,718	13.6
	Black*	4,071	32.3	n/a	n/a	n/a	n/a	n/a	n/a	4,071	32.3
	American Indian*	32	0.3	n/a	n/a	n/a	n/a	n/a	n/a	32	0.3
	Asian/Pac Islander*	42	0.3	n/a	n/a	n/a	n/a	n/a	n/a	42	0.3
	Hispanic	499	4.0	n/a	n/a	n/a	n/a	n/a	n/a	499	4.0
	Total	9,912	78.6	n/a	n/a	n/a	n/a	n/a	n/a	9,912	78.6
Total	Race/Ethnicity										
	Unknown	4,652	36.9	n/a	n/a	n/a	n/a	n/a	n/a	4,652	36.9
	White*	2,004	15.9	n/a	n/a	n/a	n/a	n/a	n/a	2,004	15.9
	Black*	5,221	41.4	n/a	n/a	n/a	n/a	n/a	n/a	5,221	41.4
	American Indian*	40	0.3	n/a	n/a	n/a	n/a	n/a	n/a	40	0.3
	Asian/Pac Islander*	52	0.4	n/a	n/a	n/a	n/a	n/a	n/a	52	0.4
	Hispanic	641	5.1	n/a	n/a	n/a	n/a	n/a	n/a	641	5.1
	Total	12,610	100.0	n/a	n/a	n/a	n/a	n/a	n/a	12,610	100.0

*non Hispanic **Total includes 54 cases with unreported gender

NORTH CAROLINA STD REPORTS- January through March, 2011

2011 Gonorrhea Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Sex	Age Group										
Male	Unknown	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	0-9	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.0
	10-14	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	15-19	343	7.9	n/a	n/a	n/a	n/a	n/a	n/a	343	7.9
	20-24	731	16.9	n/a	n/a	n/a	n/a	n/a	n/a	731	16.9
	25-29	365	8.4	n/a	n/a	n/a	n/a	n/a	n/a	365	8.4
	30-34	187	4.3	n/a	n/a	n/a	n/a	n/a	n/a	187	4.3
	35-39	101	2.3	n/a	n/a	n/a	n/a	n/a	n/a	101	2.3
	40-44	63	1.5	n/a	n/a	n/a	n/a	n/a	n/a	63	1.5
	45-54	88	2.0	n/a	n/a	n/a	n/a	n/a	n/a	88	2.0
	55-64	22	0.5	n/a	n/a	n/a	n/a	n/a	n/a	22	0.5
	65+	9	0.2	n/a	n/a	n/a	n/a	n/a	n/a	9	0.2
	Total	1,911	44.2	n/a	n/a	n/a	n/a	n/a	n/a	1,911	44.2
Female	Age Group										
	Unknown	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	0-9	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	10-14	23	0.5	n/a	n/a	n/a	n/a	n/a	n/a	23	0.5
	15-19	776	18.0	n/a	n/a	n/a	n/a	n/a	n/a	776	18.0
	20-24	959	22.2	n/a	n/a	n/a	n/a	n/a	n/a	959	22.2
	25-29	340	7.9	n/a	n/a	n/a	n/a	n/a	n/a	340	7.9
	30-34	160	3.7	n/a	n/a	n/a	n/a	n/a	n/a	160	3.7
	35-39	64	1.5	n/a	n/a	n/a	n/a	n/a	n/a	64	1.5
	40-44	37	0.9	n/a	n/a	n/a	n/a	n/a	n/a	37	0.9
	45-54	21	0.5	n/a	n/a	n/a	n/a	n/a	n/a	21	0.5
	55-64	5	0.1	n/a	n/a	n/a	n/a	n/a	n/a	5	0.1
	65+	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.0
	Total	2,388	55.2	n/a	n/a	n/a	n/a	n/a	n/a	2,388	55.2
Total	Age Group										
	Unknown	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	0-9	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	10-14	25	0.6	n/a	n/a	n/a	n/a	n/a	n/a	25	0.6
	15-19	1,124	26.0	n/a	n/a	n/a	n/a	n/a	n/a	1,124	26.0
	20-24	1,702	39.4	n/a	n/a	n/a	n/a	n/a	n/a	1,702	39.4
	25-29	707	16.4	n/a	n/a	n/a	n/a	n/a	n/a	707	16.4
	30-34	348	8.0	n/a	n/a	n/a	n/a	n/a	n/a	348	8.0
	35-39	165	3.8	n/a	n/a	n/a	n/a	n/a	n/a	165	3.8
	40-44	101	2.3	n/a	n/a	n/a	n/a	n/a	n/a	101	2.3
	45-54	109	2.5	n/a	n/a	n/a	n/a	n/a	n/a	109	2.5
	55-64	27	0.6	n/a	n/a	n/a	n/a	n/a	n/a	27	0.6
	65+	9	0.2	n/a	n/a	n/a	n/a	n/a	n/a	9	0.2
	Total	4,323	100.0	n/a	n/a	n/a	n/a	n/a	n/a	4,323	100.0

** Total includes 24 cases with unreported gender

NORTH CAROLINA STD REPORTS- January through March, 2011

2011 Gonorrhea Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Sex	Race/Ethnicity										
Male	Unknown	648	15.0	n/a	n/a	n/a	n/a	n/a	n/a	648	15.0
	White*	132	3.1	n/a	n/a	n/a	n/a	n/a	n/a	132	3.1
	Black*	1,081	25.0	n/a	n/a	n/a	n/a	n/a	n/a	1,081	25.0
	American Indian*	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	Asian/Pac Islander*	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	Hispanic	44	1.0	n/a	n/a	n/a	n/a	n/a	n/a	44	1.0
	Total	1,911	44.2	n/a	n/a	n/a	n/a	n/a	n/a	1,911	44.2
Female	Race/Ethnicity										
	Unknown	761	17.6	n/a	n/a	n/a	n/a	n/a	n/a	761	17.6
	White*	275	6.4	n/a	n/a	n/a	n/a	n/a	n/a	275	6.4
	Black*	1,290	29.8	n/a	n/a	n/a	n/a	n/a	n/a	1,290	29.8
	American Indian*	10	0.2	n/a	n/a	n/a	n/a	n/a	n/a	10	0.2
	Asian/Pac Islander*	5	0.1	n/a	n/a	n/a	n/a	n/a	n/a	5	0.1
	Hispanic	47	1.1	n/a	n/a	n/a	n/a	n/a	n/a	47	1.1
	Total	2,388	55.2	n/a	n/a	n/a	n/a	n/a	n/a	2,388	55.2
Total**	Race/Ethnicity										
	Unknown	1,422	32.9	n/a	n/a	n/a	n/a	n/a	n/a	1,422	32.9
	White*	407	9.4	n/a	n/a	n/a	n/a	n/a	n/a	407	9.4
	Black*	2,381	55.1	n/a	n/a	n/a	n/a	n/a	n/a	2,381	55.1
	American Indian*	14	0.3	n/a	n/a	n/a	n/a	n/a	n/a	14	0.3
	Asian/Pac Islander*	7	0.2	n/a	n/a	n/a	n/a	n/a	n/a	7	0.2
	Hispanic	92	2.1	n/a	n/a	n/a	n/a	n/a	n/a	92	2.1
	Total	4,323	100.0	n/a	n/a	n/a	n/a	n/a	n/a	4,323	100.0

*non Hispanic **Total includes 24 cases with unreported gender

NORTH CAROLINA STD REPORTS- January through March, 2011

2011 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	12	6.2	n/a	n/a	n/a	n/a	n/a	n/a	12	6.2
	20-24	48	24.7	n/a	n/a	n/a	n/a	n/a	n/a	48	24.7
	25-29	25	12.9	n/a	n/a	n/a	n/a	n/a	n/a	25	12.9
	30-34	18	9.3	n/a	n/a	n/a	n/a	n/a	n/a	18	9.3
	35-39	13	6.7	n/a	n/a	n/a	n/a	n/a	n/a	13	6.7
	40-44	18	9.3	n/a	n/a	n/a	n/a	n/a	n/a	18	9.3
	45-54	29	14.9	n/a	n/a	n/a	n/a	n/a	n/a	29	14.9
	55-64	8	4.1	n/a	n/a	n/a	n/a	n/a	n/a	8	4.1
	65+	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	Total	171	88.1	n/a	n/a	n/a	n/a	n/a	n/a	171	88.1
Female	Age Group										
	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	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	20-24	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	25-29	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	30-34	5	2.6	n/a	n/a	n/a	n/a	n/a	n/a	5	2.6
	35-39	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	40-44	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	45-54	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	55-64	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	65+	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	Total	23	11.9	n/a	n/a	n/a	n/a	n/a	n/a	23	11.9
Total	Age Group										
	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	14	7.2	n/a	n/a	n/a	n/a	n/a	n/a	14	7.2
	20-24	52	26.8	n/a	n/a	n/a	n/a	n/a	n/a	52	26.8
	25-29	27	13.9	n/a	n/a	n/a	n/a	n/a	n/a	27	13.9
	30-34	23	11.9	n/a	n/a	n/a	n/a	n/a	n/a	23	11.9
	35-39	16	8.2	n/a	n/a	n/a	n/a	n/a	n/a	16	8.2
	40-44	19	9.8	n/a	n/a	n/a	n/a	n/a	n/a	19	9.8
	45-54	32	16.5	n/a	n/a	n/a	n/a	n/a	n/a	32	16.5
	55-64	10	5.2	n/a	n/a	n/a	n/a	n/a	n/a	10	5.2
	65+	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	Total	194	100.0	n/a	n/a	n/a	n/a	n/a	n/a	194	100.0

NORTH CAROLINA STD REPORTS- January through March, 2011

2011 Early Syphilis Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Sex	Race/Ethnicity										
Male	Unknown	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	White*	42	21.6	n/a	n/a	n/a	n/a	n/a	n/a	42	21.6
	Black*	122	62.9	n/a	n/a	n/a	n/a	n/a	n/a	122	62.9
	American Indian*	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	Asian/Pac Islander*	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	Hispanic	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	Total	171	88.1	n/a	n/a	n/a	n/a	n/a	n/a	171	88.1
Female	Race/Ethnicity										
	Unknown	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	White*	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	Black*	20	10.3	n/a	n/a	n/a	n/a	n/a	n/a	20	10.3
	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	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	Total	23	11.9	n/a	n/a	n/a	n/a	n/a	n/a	23	11.9
Total	Race/Ethnicity										
	Unknown	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	White*	45	23.2	n/a	n/a	n/a	n/a	n/a	n/a	45	23.2
	Black*	142	73.2	n/a	n/a	n/a	n/a	n/a	n/a	142	73.2
	American Indian*	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	Asian/Pac Islander*	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	Hispanic	<5	---	n/a	n/a	n/a	n/a	n/a	n/a	<5	---
	Total	194	100.0	n/a	n/a	n/a	n/a	n/a	n/a	194	100.0

*non Hispanic

NORTH CAROLINA STD REPORTS- January through March, 2009-2011

YEAR TO DATE	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2009 Jan-Mar	2010 Jan-Mar	2011 Jan-Mar	2009 Jan-Mar	2010 Jan-Mar	2011 Jan-Mar	2009 Jan-Mar	2010 Jan-Mar	2011 Jan-Mar	2009 Jan-Mar	2010 Jan-Mar	2011 Jan-Mar
ALAMANCE	159	162	136	63	80	64	0	1	1	2	3	1
ALEXANDER	28	33	19	3	3	3	0	0	0	0	0	0
ALLEGHANY	6	1	8	0	0	0	0	0	0	0	0	0
ANSON	78	39	47	53	21	24	0	0	0	0	0	1
ASHE	10	7	5	1	0	1	0	0	0	0	0	0
AVERY	7	18	1	1	2	1	0	0	0	0	0	0
BEAUFORT	64	106	9	24	23	5	0	1	0	0	1	1
BERTIE	34	52	42	13	12	24	0	0	1	0	0	1
BLADEN	58	64	51	14	17	9	0	0	0	1	0	1
BRUNSWICK	57	96	49	13	19	7	0	0	0	1	0	0
BUNCOMBE	205	150	237	51	55	71	4	1	0	1	0	3
BURKE	71	57	55	19	21	17	0	0	0	0	0	1
CABARRUS	229	156	172	39	46	46	0	1	2	0	1	2
CALDWELL	49	48	76	5	6	21	0	0	0	0	0	0
CAMDEN	5	3	4	0	1	4	1	0	0	0	0	0
CARTERET	66	58	46	7	8	7	0	0	0	0	0	0
CASWELL	24	33	25	12	11	10	0	0	0	0	0	1
CATAWBA	118	136	159	36	56	64	0	0	0	0	0	0
CHATHAM	28	38	29	8	6	9	0	0	0	1	0	0
CHEROKEE	5	5	8	0	0	0	0	0	0	0	0	0
CHOWAN	18	23	16	12	6	7	0	0	0	0	0	0
CLAY	5	1	1	0	0	0	0	0	0	0	0	1
CLEVELAND	96	107	109	38	22	28	1	1	0	0	0	0
COLUMBUS	60	79	126	22	27	69	0	0	0	0	0	1
CRAVEN	172	142	150	24	16	54	0	3	2	0	0	6
CUMBERLAND	788	398	448	285	179	212	4	5	5	4	3	5
CURRITUCK	19	9	21	9	6	6	1	0	0	0	0	0
DARE	21	27	21	5	4	3	0	1	0	0	0	0
DAVIDSON	131	133	139	11	35	37	1	0	0	0	1	1
DAVIE	30	24	20	3	1	2	0	0	0	0	0	1
DUPLIN	62	64	59	15	15	26	0	2	0	0	1	1
DURHAM	429	227	356	160	90	198	14	3	1	5	2	3
EDGECOMBE	150	202	169	86	85	68	1	1	1	3	1	2
FORSYTH	569	769	599	132	216	230	22	31	9	12	20	10
FRANKLIN	42	58	32	28	18	14	0	0	0	0	0	2
GASTON	170	229	387	94	94	93	2	1	1	0	0	0
GATES	14	15	15	5	4	5	0	0	0	0	0	0
GRAHAM	5	2	3	0	0	0	0	0	0	0	1	0
GRANVILLE	74	57	56	13	34	18	0	0	0	1	0	0
GREENE	36	32	33	9	17	5	0	0	0	0	0	0
GUILFORD	440	621	1,724	122	239	640	8	7	15	5	6	10
HALIFAX	104	102	81	48	35	42	0	0	0	1	0	2
HARNETT	99	118	92	32	25	36	0	1	0	0	0	0
HAYWOOD	43	15	34	8	0	2	0	0	1	0	0	0
HENDERSON	34	39	42	7	10	14	0	1	0	0	0	0
HERTFORD	56	58	53	22	29	25	0	0	0	0	0	0
HOKE	50	20	85	13	12	43	0	0	0	0	0	1
HYDE	6	8	4	0	4	0	0	0	0	0	0	0
IREDELL	126	124	122	67	63	50	0	1	1	0	0	1
JACKSON	44	39	29	1	5	7	1	0	0	0	0	0
JOHNSTON	120	123	94	30	24	15	1	0	2	1	0	0

NORTH CAROLINA STD REPORTS- January through March, 2009-2011

YEAR TO DATE	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2009 Jan-Mar	2010 Jan-Mar	2011 Jan-Mar	2009 Jan-Mar	2010 Jan-Mar	2011 Jan-Mar	2009 Jan-Mar	2010 Jan-Mar	2011 Jan-Mar	2009 Jan-Mar	2010 Jan-Mar	2011 Jan-Mar
JONES	9	21	5	3	10	2	0	0	0	0	0	0
LEE	61	67	60	15	21	22	1	0	0	0	1	2
LENOIR	80	93	103	32	38	38	1	0	0	0	0	1
LINCOLN	39	98	59	6	17	8	1	0	0	0	0	0
MACON	14	29	12	1	2	1	0	0	0	0	0	0
MADISON	5	4	11	2	2	1	0	0	0	0	0	0
MARTIN	51	47	48	19	15	16	0	0	0	0	0	0
MCDOWELL	30	18	16	10	2	3	0	0	0	0	0	0
MECKLENBURG	1,362	1,778	1,524	466	579	465	19	31	28	14	14	7
MITCHELL	3	3	3	0	1	0	0	0	0	0	0	0
MONTGOMERY	19	19	26	7	3	6	0	0	0	0	0	0
MOORE	48	55	61	29	37	10	1	0	0	1	0	0
NASH	149	210	144	67	76	62	1	1	0	0	2	0
NEW HANOVER	247	152	350	63	52	76	2	0	0	3	1	0
NORTHAMPTON	39	27	33	17	8	15	0	3	1	0	0	0
ONslow	274	350	321	62	85	81	0	1	0	0	1	0
ORANGE	98	86	121	13	19	30	0	0	1	0	0	0
PAMLICO	8	14	11	2	3	8	0	1	0	0	0	0
PASQUOTANK	64	51	77	37	23	27	0	0	2	0	0	0
PENDER	39	34	43	8	10	14	0	0	0	0	0	0
PERQUIMANS	35	10	16	16	6	6	0	0	0	0	0	0
PERSON	35	24	57	8	3	11	0	0	0	0	0	0
PITT	328	447	476	123	158	127	0	5	2	2	3	1
POLK	5	3	5	0	2	0	1	0	0	0	0	0
RANDOLPH	74	68	95	17	11	34	1	0	1	1	0	1
RICHMOND	137	69	37	87	13	12	0	1	0	0	0	0
ROBESON	246	320	263	127	124	97	0	2	1	0	2	1
ROCKINGHAM	102	71	105	26	17	47	0	2	0	0	1	1
ROWAN	163	154	147	58	77	64	0	0	2	0	1	0
RUTHERFORD	44	61	52	9	8	13	0	0	2	1	0	0
SAMPSON	69	66	75	19	29	29	1	1	0	0	0	0
SCOTLAND	53	55	53	30	32	28	0	0	0	0	0	0
STANLY	86	29	53	33	12	8	0	0	0	0	0	1
STOKES	17	21	24	2	1	3	0	2	0	0	1	0
SURRY	32	35	44	6	7	8	0	0	0	1	0	0
SWAIN	4	17	16	0	1	4	0	0	0	0	0	0
TRANSYLVANIA	20	24	16	4	6	2	0	0	0	0	0	0
TYRRELL	7	7	4	1	3	1	0	0	0	0	0	0
UNION	137	138	110	76	46	38	1	1	1	0	0	0
VANCE	106	143	108	51	72	32	2	3	0	0	1	2
WAKE	966	1,213	1,160	290	308	398	11	15	13	9	13	12
WARREN	36	14	23	20	6	14	0	0	0	0	0	0
WASHINGTON	22	11	18	8	12	3	0	0	0	0	1	0
WATAUGA	21	24	18	2	0	5	0	1	0	0	0	0
WAYNE	168	266	160	69	98	57	8	4	5	3	11	4
WILKES	41	22	16	4	5	4	0	0	0	0	0	0
WILSON	147	430	118	73	168	57	2	0	1	1	1	0
YADKIN	22	14	7	3	5	0	0	0	0	1	0	0
YANCEY	4	9	8	2	1	0	0	0	0	0	0	0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	11,080	12,048	12,610	3,686	3,936	4,323	114	136	102	75	94	92

NORTH CAROLINA HIV REPORTS- January through March, 2009-2011

COUNTY OF HIV REPORT	2009 Jan-Mar	2010 Jan-Mar	2011 Jan-Mar
ALAMANCE	3	11	2
ALEXANDER	1	0	0
ALLEGHANY	0	0	0
ANSON	0	0	3
ASHE	0	0	1
AVERY	2	0	0
BEAUFORT	1	1	0
BERTIE	0	0	1
BLADEN	2	1	1
BRUNSWICK	6	2	1
BUNCOMBE	6	6	6
BURKE	1	0	0
CABARRUS	9	2	2
CALDWELL	0	1	0
CAMDEN	1	0	0
CARTERET	1	1	0
CASWELL	0	1	0
CATAWBA	5	5	3
CHATHAM	2	1	1
CHEROKEE	0	0	0
CHOWAN	0	0	0
CLAY	1	1	1
CLEVELAND	4	1	5
COLUMBUS	3	4	1
CRAVEN	0	2	7
CUMBERLAND	13	22	21
CURRITUCK	0	0	0
DARE	0	0	0
DAVIDSON	1	5	2
DAVIE	0	0	0
DUPLIN	1	5	0
DURHAM	23	36	15
EDGECOMBE	7	6	2
FORSYTH	19	14	31
FRANKLIN	1	3	3
GASTON	12	11	6
GATES	0	1	0
GRAHAM	0	0	0
GRANVILLE	3	7	0
GREENE	0	1	0
GUILFORD	39	35	34
HALIFAX	0	1	1
HARNETT	6	4	2
HAYWOOD	0	0	0
HENDERSON	1	1	0
HERTFORD	0	2	2
HOKE	2	3	5
HYDE	0	0	0
IREDELL	2	0	0
JACKSON	1	1	1
JOHNSTON	4	5	1
JONES	0	1	0
LEE	0	2	2
LENOIR	2	3	2
LINCOLN	0	2	0
MACON	1	1	0
MADISON	0	0	1

COUNTY OF HIV REPORT	2009 Jan-Mar	2010 Jan-Mar	2011 Jan-Mar
MARTIN	0	1	0
MCDOWELL	0	1	0
MECKLENBURG	110	89	48
MITCHELL	1	0	0
MONTGOMERY	0	0	1
MOORE	6	2	1
NASH	1	6	2
NEW HANOVER	4	4	5
NORTHAMPTON	1	0	0
ONslow	2	7	2
ORANGE	2	3	2
PAMLICO	0	1	0
PASQUOTANK	1	0	1
PENDER	1	0	0
PERQUIMANS	1	0	0
PERSON	2	2	2
PITT	9	8	9
POLK	0	0	0
RANDOLPH	2	3	0
RICHMOND	1	1	1
ROBESON	8	3	6
ROCKINGHAM	3	0	3
ROWAN	6	4	4
RUTHERFORD	2	1	2
SAMPSON	2	1	4
SCOTLAND	2	0	0
STANLY	1	0	1
STOKES	0	1	0
SURRY	2	0	0
SWAIN	0	0	0
TRANSYLVANIA	2	1	0
TYRRELL	0	0	0
UNION	4	2	1
VANCE	0	5	4
WAKE	48	54	27
WARREN	0	1	0
WASHINGTON	2	0	0
WATAUGA	1	1	0
WAYNE	11	4	5
WILKES	1	3	0
WILSON	9	8	1
YADKIN	0	1	0
YANCEY	2	0	0
UNASSIGNED*	26	17	16
TOTAL	462	447	314

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

NORTH CAROLINA AIDS REPORTS- January through March 2009-2011

COUNTY OF AIDS REPORT	2009 Jan-Mar	2010 Jan-Mar	2011 Jan-Mar
ALAMANCE	2	10	2
ALEXANDER	0	0	0
ALLEGHANY	0	0	0
ANSON	1	0	2
ASHE	0	0	0
AVERY	1	0	0
BEAUFORT	2	2	3
BERTIE	0	1	1
BLADEN	2	3	1
BRUNSWICK	4	1	1
BUNCOMBE	6	0	11
BURKE	1	1	0
CABARRUS	2	2	2
CALDWELL	0	0	0
CAMDEN	2	0	0
CARTERET	1	2	1
CASWELL	0	1	1
CATAWBA	5	3	1
CHATHAM	0	1	1
CHEROKEE	0	0	0
CHOWAN	1	0	0
CLAY	0	1	1
CLEVELAND	4	2	2
COLUMBUS	2	2	1
CRAVEN	3	1	2
CUMBERLAND	15	17	10
CURRITUCK	1	0	0
DARE	1	0	1
DAVIDSON	2	5	1
DAVIE	0	0	0
DUPLIN	0	3	3
DURHAM	13	18	7
EDGECOMBE	6	6	4
FORSYTH	17	5	9
FRANKLIN	2	3	3
GASTON	3	4	9
GATES	0	0	0
GRAHAM	0	0	0
GRANVILLE	3	3	1
GREENE	1	2	1
GUILFORD	21	16	20
HALIFAX	2	1	1
HARNETT	1	0	4
HAYWOOD	1	0	1
HENDERSON	0	2	0
HERTFORD	0	1	1
HOKE	3	2	1
HYDE	0	0	0
IREDELL	3	0	0
JACKSON	0	0	1
JOHNSTON	2	6	2
JONES	1	1	0
LEE	6	1	2
LENOIR	2	3	1
LINCOLN	0	2	0
MACON	0	2	0
MADISON	0	0	1

COUNTY OF AIDS REPORT	2009 Jan-Mar	2010 Jan-Mar	2011 Jan-Mar
MARTIN	1	0	0
MCDOWELL	0	0	0
MECKLENBURG	45	38	36
MITCHELL	0	0	0
MONTGOMERY	0	0	1
MOORE	1	1	0
NASH	3	6	1
NEW HANOVER	3	4	4
NORTHAMPTON	1	2	1
ONslow	2	4	1
ORANGE	2	1	1
PAMLICO	0	1	0
PASQUOTANK	1	0	1
PENDER	0	1	0
PERQUIMANS	0	0	0
PERSON	1	1	1
PITT	6	7	3
POLK	1	0	0
RANDOLPH	1	2	2
RICHMOND	3	0	1
ROBESON	3	11	3
ROCKINGHAM	0	0	2
ROWAN	3	1	1
RUTHERFORD	1	0	2
SAMPSON	3	0	1
SCOTLAND	0	1	2
STANLY	0	0	0
STOKES	0	1	0
SURRY	0	0	0
SWAIN	0	0	0
TRANSYLVANIA	0	0	0
TYRRELL	0	0	0
UNION	2	2	1
VANCE	2	1	0
WAKE	33	31	17
WARREN	0	0	2
WASHINGTON	0	0	0
WATAUGA	1	0	0
WAYNE	2	1	1
WILKES	0	1	0
WILSON	5	3	5
YADKIN	0	0	0
YANCEY	0	0	0
UNASSIGNED*	15	24	9
TOTAL	286	281	216

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