

North Carolina HIV/STD Quarterly Surveillance Report: Vol. 2011, No. 2

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. 2* presents statistics and trends of sexually transmitted diseases (including HIV and AIDS) in North Carolina from January 1 through June 30, 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 June, 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	---	5	0.0	n/a	n/a	n/a	n/a	6	0.0
	0-9	5	0.0	<5	---	n/a	n/a	n/a	n/a	7	0.0
	10-14	9	0.1	8	0.1	n/a	n/a	n/a	n/a	17	0.1
	15-19	594	4.7	602	5.2	n/a	n/a	n/a	n/a	1,196	5.0
	20-24	1,128	8.9	942	8.2	n/a	n/a	n/a	n/a	2,070	8.6
	25-29	433	3.4	410	3.6	n/a	n/a	n/a	n/a	843	3.5
	30-34	229	1.8	158	1.4	n/a	n/a	n/a	n/a	387	1.6
	35-39	109	0.9	99	0.9	n/a	n/a	n/a	n/a	208	0.9
	40-44	70	0.6	37	0.3	n/a	n/a	n/a	n/a	107	0.4
	45-54	56	0.4	46	0.4	n/a	n/a	n/a	n/a	102	0.4
	55-64	8	0.1	<5	---	n/a	n/a	n/a	n/a	12	0.0
	65+	<5	---	<5	---	n/a	n/a	n/a	n/a	<5	---
	Total	2,644	21.0	2,315	20.1	n/a	n/a	n/a	n/a	4,959	20.6
Female	Age Group										
	Unknown	6	0.0	10	0.1	n/a	n/a	n/a	n/a	16	0.1
	0-9	6	0.0	<5	---	n/a	n/a	n/a	n/a	8	0.0
	10-14	85	0.7	115	1.0	n/a	n/a	n/a	n/a	200	0.8
	15-19	3,652	29.0	3,404	29.6	n/a	n/a	n/a	n/a	7,056	29.3
	20-24	4,021	31.9	3,599	31.3	n/a	n/a	n/a	n/a	7,620	31.6
	25-29	1,274	10.1	1,170	10.2	n/a	n/a	n/a	n/a	2,444	10.1
	30-34	496	3.9	516	4.5	n/a	n/a	n/a	n/a	1,012	4.2
	35-39	219	1.7	157	1.4	n/a	n/a	n/a	n/a	376	1.6
	40-44	93	0.7	86	0.7	n/a	n/a	n/a	n/a	179	0.7
	45-54	51	0.4	46	0.4	n/a	n/a	n/a	n/a	97	0.4
	55-64	5	0.0	12	0.1	n/a	n/a	n/a	n/a	17	0.1
	65+	<5	---	<5	---	<5	n/a	n/a	n/a	5	0.0
	Total	9,911	78.6	9,119	79.2	n/a	n/a	n/a	n/a	19,030	78.9
Total**	Age Group										
	Unknown	11	0.1	19	0.2	n/a	n/a	n/a	n/a	30	0.1
	0-9	11	0.1	<5	---	n/a	n/a	n/a	n/a	15	0.1
	10-14	95	0.8	124	1.1	n/a	n/a	n/a	n/a	219	0.9
	15-19	4,260	33.8	4,023	35.0	n/a	n/a	n/a	n/a	8,283	34.3
	20-24	5,168	41.0	4,575	39.7	n/a	n/a	n/a	n/a	9,743	40.4
	25-29	1,718	13.6	1,593	13.8	n/a	n/a	n/a	n/a	3,311	13.7
	30-34	729	5.8	677	5.9	n/a	n/a	n/a	n/a	1,406	5.8
	35-39	328	2.6	259	2.3	n/a	n/a	n/a	n/a	587	2.4
	40-44	164	1.3	124	1.1	n/a	n/a	n/a	n/a	288	1.2
	45-54	107	0.8	92	0.8	n/a	n/a	n/a	n/a	199	0.8
	55-64	13	0.1	16	0.1	n/a	n/a	n/a	n/a	29	0.1
	65+	5	0.0	<5	---	n/a	n/a	n/a	n/a	9	0.0
	Total	12,609	100.0	11,510	100.0	n/a	n/a	n/a	n/a	24,119	100.0

** Total includes 130 cases with unreported gender

NORTH CAROLINA STD REPORTS- January through June, 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	1,056	8.4	983	8.5	n/a	n/a	n/a	n/a	2,039	8.5
	White*	283	2.2	261	2.3	n/a	n/a	n/a	n/a	544	2.3
	Black*	1,139	9.0	919	8.0	n/a	n/a	n/a	n/a	2,058	8.5
	American Indian*	18	0.1	20	0.2	n/a	n/a	n/a	n/a	38	0.2
	Asian/Pac Islander*	9	0.1	5	0.0	n/a	n/a	n/a	n/a	14	0.1
	Hispanic	139	1.1	127	1.1	n/a	n/a	n/a	n/a	266	1.1
	Total	2,644	21.0	2,315	20.1	n/a	n/a	n/a	n/a	4,959	20.6
Female	Race/Ethnicity										
	Unknown	3,456	27.4	3,188	27.7	n/a	n/a	n/a	n/a	6,644	27.5
	White*	1,718	13.6	1,569	13.6	n/a	n/a	n/a	n/a	3,287	13.6
	Black*	4,066	32.2	3,730	32.4	n/a	n/a	n/a	n/a	7,796	32.3
	American Indian*	130	1.0	124	1.1	n/a	n/a	n/a	n/a	254	1.1
	Asian/Pac Islander*	42	0.3	32	0.3	n/a	n/a	n/a	n/a	74	0.3
	Hispanic	499	4.0	476	4.1	n/a	n/a	n/a	n/a	975	4.0
	Total	9,911	78.6	9,119	79.2	n/a	n/a	n/a	n/a	19,030	78.9
Total**	Race/Ethnicity										
	Unknown	4,547	36.1	4,229	36.7	n/a	n/a	n/a	n/a	8,776	36.4
	White*	2,004	15.9	1,834	15.9	n/a	n/a	n/a	n/a	3,838	15.9
	Black*	5,217	41.4	4,663	40.5	n/a	n/a	n/a	n/a	9,880	41.0
	American Indian*	148	1.2	144	1.3	n/a	n/a	n/a	n/a	292	1.2
	Asian/Pac Islander*	52	0.4	37	0.3	n/a	n/a	n/a	n/a	89	0.4
	Hispanic	641	5.1	603	5.2	n/a	n/a	n/a	n/a	1,244	5.2
	Total	12,609	100.0	11,510	100.0	n/a	n/a	n/a	n/a	24,119	100.0

*non Hispanic **Total includes 130 cases with unreported gender

NORTH CAROLINA STD REPORTS- January through June, 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	---	<5	---	n/a	n/a	n/a	n/a	<5	---
	0-9	n/a	0.0	<5	---	n/a	n/a	n/a	n/a	<5	---
	10-14	<5	---	<5	---	n/a	n/a	n/a	n/a	<5	---
	15-19	343	7.9	253	7.3	n/a	n/a	n/a	n/a	596	7.7
	20-24	731	16.9	540	15.6	n/a	n/a	n/a	n/a	1,271	16.3
	25-29	365	8.4	268	7.7	n/a	n/a	n/a	n/a	633	8.1
	30-34	187	4.3	126	3.6	n/a	n/a	n/a	n/a	313	4.0
	35-39	101	2.3	74	2.1	n/a	n/a	n/a	n/a	175	2.2
	40-44	63	1.5	54	1.6	n/a	n/a	n/a	n/a	117	1.5
	45-54	88	2.0	49	1.4	n/a	n/a	n/a	n/a	137	1.8
	55-64	22	0.5	13	0.4	n/a	n/a	n/a	n/a	35	0.4
	65+	9	0.2	3	0.1	n/a	n/a	n/a	n/a	12	0.2
	Total	1,911	44.2	1,387	40.1	n/a	n/a	n/a	n/a	3,298	42.4
Female	Age Group										
	Unknown	<5	---	0	0.0	n/a	n/a	n/a	n/a	<5	---
	0-9	<5	---	<5	---	n/a	n/a	n/a	n/a	<5	---
	10-14	23	0.5	13	0.4	n/a	n/a	n/a	n/a	36	0.5
	15-19	776	18.0	717	20.7	n/a	n/a	n/a	n/a	1,493	19.2
	20-24	959	22.2	782	22.6	n/a	n/a	n/a	n/a	1,741	22.4
	25-29	340	7.9	312	9.0	n/a	n/a	n/a	n/a	652	8.4
	30-34	160	3.7	119	3.4	n/a	n/a	n/a	n/a	279	3.6
	35-39	64	1.5	54	1.6	n/a	n/a	n/a	n/a	118	1.5
	40-44	37	0.9	25	0.7	n/a	n/a	n/a	n/a	62	0.8
	45-54	21	0.5	23	0.7	n/a	n/a	n/a	n/a	44	0.6
	55-64	5	0.1	7	0.2	n/a	n/a	n/a	n/a	12	0.2
	65+	0	0.0	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	Total	2,388	55.2	2,054	59.3	n/a	n/a	n/a	n/a	4,442	57.1
Total**	Age Group										
	Unknown	<5	---	<5	---	n/a	n/a	n/a	n/a	8	0.1
	0-9	<5	---	<5	---	n/a	n/a	n/a	n/a	6	0.1
	10-14	25	0.6	16	0.5	n/a	n/a	n/a	n/a	41	0.5
	15-19	1,124	26.0	975	28.2	n/a	n/a	n/a	n/a	2,099	27.0
	20-24	1,702	39.4	1,329	38.4	n/a	n/a	n/a	n/a	3,031	38.9
	25-29	707	16.4	583	16.8	n/a	n/a	n/a	n/a	1,290	16.6
	30-34	348	8.0	247	7.1	n/a	n/a	n/a	n/a	595	7.6
	35-39	165	3.8	128	3.7	n/a	n/a	n/a	n/a	293	3.8
	40-44	101	2.3	80	2.3	n/a	n/a	n/a	n/a	181	2.3
	45-54	109	2.5	74	2.1	n/a	n/a	n/a	n/a	183	2.4
	55-64	27	0.6	20	0.6	n/a	n/a	n/a	n/a	47	0.6
	65+	9	0.2	<5	---	n/a	n/a	n/a	n/a	12	0.2
	Total	4,323	100.0	3,463	100.0	n/a	n/a	n/a	n/a	7,786	100.0

** Total includes 46 cases with unreported gender

NORTH CAROLINA STD REPORTS- January through June, 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	642	14.9	487	14.1	n/a	n/a	n/a	n/a	1,129	14.5
	White*	132	3.1	98	2.8	n/a	n/a	n/a	n/a	230	3.0
	Black*	1,081	25.0	763	22.0	n/a	n/a	n/a	n/a	1,844	23.7
	American Indian*	10	0.2	11	0.3	n/a	n/a	n/a	n/a	21	0.3
	Asian/Pac Islander*	<5	---	<5	---	n/a	n/a	n/a	n/a	<5	---
	Hispanic	44	1.0	26	0.8	n/a	n/a	n/a	n/a	70	0.9
	Total	1,911	44.2	1,387	40.1	n/a	n/a	n/a	n/a	3,298	42.4
Female	Race/Ethnicity										
	Unknown	731	16.9	628	18.1	n/a	n/a	n/a	n/a	1,359	17.5
	White*	275	6.4	254	7.3	n/a	n/a	n/a	n/a	529	6.8
	Black*	1,290	29.8	1,083	31.3	n/a	n/a	n/a	n/a	2,373	30.5
	American Indian*	40	0.9	25	0.7	n/a	n/a	n/a	n/a	65	0.8
	Asian/Pac Islander*	5	0.1	10	0.3	n/a	n/a	n/a	n/a	15	0.2
	Hispanic	47	1.1	54	1.6	n/a	n/a	n/a	n/a	101	1.3
	Total	2,388	55.2	2,054	59.3	n/a	n/a	n/a	n/a	4,442	57.1
Total**	Race/Ethnicity										
	Unknown	1,386	32.1	1,131	32.7	n/a	n/a	n/a	n/a	2,517	32.3
	White*	407	9.4	352	10.2	n/a	n/a	n/a	n/a	759	9.7
	Black*	2,381	55.1	1,852	53.5	n/a	n/a	n/a	n/a	4,233	54.4
	American Indian*	50	1.2	36	1.0	n/a	n/a	n/a	n/a	86	1.1
	Asian/Pac Islander*	7	0.2	12	0.3	n/a	n/a	n/a	n/a	19	0.2
	Hispanic	92	2.1	80	2.3	n/a	n/a	n/a	n/a	172	2.2
	Total	4,323	100.0	3,463	100.0	n/a	n/a	n/a	n/a	7,786	100.0

*non Hispanic **Total includes 46 cases with unreported gender

NORTH CAROLINA STD REPORTS- January through June, 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	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	0-9	0	0.0	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	10-14	0	0.0	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	15-19	12	6.6	15	7.4	n/a	n/a	n/a	n/a	27	7.0
	20-24	44	24.3	52	25.7	n/a	n/a	n/a	n/a	96	25.1
	25-29	24	13.3	42	20.8	n/a	n/a	n/a	n/a	66	17.2
	30-34	18	9.9	16	7.9	n/a	n/a	n/a	n/a	34	8.9
	35-39	13	7.2	9	4.5	n/a	n/a	n/a	n/a	22	5.7
	40-44	16	8.8	12	5.9	n/a	n/a	n/a	n/a	28	7.3
	45-54	26	14.4	16	7.9	n/a	n/a	n/a	n/a	42	11.0
	55-64	8	4.4	<5	---	n/a	n/a	n/a	n/a	11	2.9
	65+	0	0.0	<5	---	n/a	n/a	n/a	n/a	<5	---
	Total	161	89.0	167	82.7	n/a	n/a	n/a	n/a	328	85.6
Female	Age Group										
	Unknown	0	0.0	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	0-9	0	0.0	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	10-14	0	0.0	<5	---	n/a	n/a	n/a	n/a	<5	---
	15-19	<5	---	<5	---	n/a	n/a	n/a	n/a	<5	---
	20-24	<5	---	6	3.0	n/a	n/a	n/a	n/a	9	2.3
	25-29	<5	---	5	2.5	n/a	n/a	n/a	n/a	7	1.8
	30-34	5	2.8	6	3.0	n/a	n/a	n/a	n/a	11	2.9
	35-39	<5	---	<5	---	n/a	n/a	n/a	n/a	5	1.3
	40-44	<5	---	<5	---	n/a	n/a	n/a	n/a	5	1.3
	45-54	<5	---	6	3.0	n/a	n/a	n/a	n/a	9	2.3
	55-64	<5	---	<5	---	n/a	n/a	n/a	n/a	<5	---
	65+	<5	---	<5	---	n/a	n/a	n/a	n/a	<5	---
	Total	20	11.0	35	17.3	n/a	n/a	n/a	n/a	55	14.4
Total	Age Group										
	Unknown	0	0.0	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	0-9	0	0.0	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	10-14	0	0.0	<5	---	n/a	n/a	n/a	n/a	<5	---
	15-19	13	7.2	17	8.4	n/a	n/a	n/a	n/a	30	7.8
	20-24	47	26.0	58	28.7	n/a	n/a	n/a	n/a	105	27.4
	25-29	26	14.4	47	23.3	n/a	n/a	n/a	n/a	73	19.1
	30-34	23	12.7	22	10.9	n/a	n/a	n/a	n/a	45	11.7
	35-39	16	8.8	11	5.4	n/a	n/a	n/a	n/a	27	7.0
	40-44	17	9.4	16	7.9	n/a	n/a	n/a	n/a	33	8.6
	45-54	29	16.0	22	10.9	n/a	n/a	n/a	n/a	51	13.3
	55-64	9	5.0	5	2.5	n/a	n/a	n/a	n/a	14	3.7
	65+	<5	---	<5	---	n/a	n/a	n/a	n/a	<5	---
	Total	181	100.0	202	100.0	n/a	n/a	n/a	n/a	383	100.0

NORTH CAROLINA STD REPORTS- January through June, 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	---	<5	---	n/a	n/a	n/a	n/a	<5	---
	White*	41	22.7	30	14.9	n/a	n/a	n/a	n/a	71	18.5
	Black*	113	62.4	125	61.9	n/a	n/a	n/a	n/a	238	62.1
	American Indian*	0	0.0	<5	---	n/a	n/a	n/a	n/a	<5	---
	Asian/Pac Islander*	<5	---	0	0.0	n/a	n/a	n/a	n/a	<5	---
	Hispanic	<5	---	10	5.0	n/a	n/a	n/a	n/a	12	3.1
	Total	161	89.0	167	82.7	n/a	n/a	n/a	n/a	328	85.6
Female	Race/Ethnicity										
	Unknown	0	0.0	<5	---	n/a	n/a	n/a	n/a	<5	---
	White*	<5	---	6	3.0	n/a	n/a	n/a	n/a	8	2.1
	Black*	18	9.9	26	12.9	n/a	n/a	n/a	n/a	44	11.5
	American Indian*	0	0.0	n/a	0.0	n/a	n/a	n/a	n/a	0	0.0
	Asian/Pac Islander*	0	0.0	<5	---	n/a	n/a	n/a	n/a	<5	---
	Hispanic	0	0.0	<5	---	n/a	n/a	n/a	n/a	<5	---
	Total	20	11.0	35	17.3	n/a	n/a	n/a	n/a	55	14.4
Total	Race/Ethnicity										
	Unknown	<5	---	<5	---	n/a	n/a	n/a	n/a	5	1.3
	White*	43	23.8	36	17.8	n/a	n/a	n/a	n/a	79	20.6
	Black*	131	72.4	151	74.8	n/a	n/a	n/a	n/a	282	73.6
	American Indian*	0	0.0	<5	---	n/a	n/a	n/a	n/a	<5	---
	Asian/Pac Islander*	<5	---	<5	---	n/a	n/a	n/a	n/a	<5	---
	Hispanic	<5	---	11	5.4	n/a	n/a	n/a	n/a	13	3.4
	Total	181	100.0	202	100.0	n/a	n/a	n/a	n/a	383	100.0

*non Hispanic

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

YEAR TO DATE	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2009 Jan-Jun	2010 Jan-Jun	2011 Jan-Jun	2009 Jan-Jun	2010 Jan-Jun	2011 Jan-Jun	2009 Jan-Jun	2010 Jan-Jun	2011 Jan-Jun	2009 Jan-Jun	2010 Jan-Jun	2011 Jan-Jun
ALAMANCE	292	322	346	127	151	143	0	1	5	2	3	3
ALEXANDER	42	45	38	7	5	8	0	0	0	0	0	1
ALLEGHANY	8	3	13	0	0	0	0	0	0	0	0	0
ANSON	121	93	99	95	43	46	0	0	1	0	0	1
ASHE	12	13	11	1	0	1	0	0	0	0	0	0
AVERY	9	24	4	1	2	1	0	0	0	0	0	0
BEAUFORT	128	141	11	56	35	6	0	1	0	0	1	1
BERTIE	63	87	86	31	24	37	0	0	2	0	0	3
BLADEN	108	110	93	25	34	27	0	0	0	3	0	1
BRUNSWICK	115	152	147	20	36	25	0	0	0	2	0	0
BUNCOMBE	394	403	363	79	127	93	6	2	5	4	2	2
BURKE	128	130	92	31	48	24	1	0	2	0	0	1
CABARRUS	383	280	330	77	77	73	3	2	6	0	1	3
CALDWELL	92	86	132	16	15	33	0	0	0	0	0	1
CAMDEN	10	7	8	1	4	6	1	0	0	0	0	0
CARTERET	125	102	88	13	14	17	0	0	0	0	0	0
CASWELL	38	50	31	20	19	13	0	0	1	0	0	1
CATAWBA	251	292	274	71	97	97	1	0	0	0	1	0
CHATHAM	68	77	65	14	18	13	0	1	1	2	1	0
CHEROKEE	12	16	20	0	0	1	0	0	0	0	0	0
CHOWAN	42	56	29	18	15	20	0	0	0	0	0	0
CLAY	8	2	3	0	0	0	0	0	1	0	0	0
CLEVELAND	212	197	228	84	66	61	1	1	0	0	0	0
COLUMBUS	122	129	217	32	51	100	1	0	0	0	0	1
CRAVEN	324	239	455	61	36	171	0	3	5	2	3	5
CUMBERLAND	1,594	697	1,407	564	322	576	6	8	9	7	4	9
CURRITUCK	24	20	40	11	10	9	1	0	0	0	0	0
DARE	36	43	48	9	6	5	0	1	0	0	0	0
DAVIDSON	260	262	249	28	68	69	1	1	3	1	1	1
DAVIE	56	35	33	9	4	3	0	0	0	0	0	0
DUPLIN	110	108	109	31	34	46	0	2	0	0	1	2
DURHAM	829	876	839	302	373	369	19	10	4	8	6	6
EDGECOMBE	295	366	302	147	152	120	4	1	4	4	1	2
FORSYTH	1,697	1,371	1,089	463	405	383	56	51	13	35	25	14
FRANKLIN	90	104	110	46	35	30	0	1	1	0	2	1
GASTON	338	409	722	196	170	167	3	3	1	4	0	3
GATES	23	21	30	7	11	6	0	0	0	0	0	0
GRAHAM	6	5	3	0	0	0	0	0	0	0	1	0
GRANVILLE	123	103	93	25	65	31	0	0	0	2	2	0
GREENE	58	51	67	19	25	10	1	0	0	0	0	0
GUILFORD	1,010	1,302	2,589	341	447	950	21	18	28	8	22	32
HALIFAX	214	167	157	87	76	65	0	1	0	1	0	3
HARNETT	176	213	184	54	39	80	0	1	0	0	1	0
HAYWOOD	64	31	58	10	0	4	0	0	2	1	0	0
HENDERSON	64	76	111	14	22	35	1	1	0	1	0	0
HERTFORD	95	114	92	43	47	33	0	1	0	1	1	0
HOKE	117	65	147	34	26	74	0	0	0	0	0	1
HYDE	8	9	8	0	6	2	0	0	0	0	0	0
IREDELL	254	242	240	129	105	77	0	1	1	0	0	2
JACKSON	67	62	74	2	8	16	1	0	0	0	0	0
JOHNSTON	211	247	220	75	51	40	2	1	2	2	0	0

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

YEAR TO DATE	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2009 Jan-Jun	2010 Jan-Jun	2011 Jan-Jun	2009 Jan-Jun	2010 Jan-Jun	2011 Jan-Jun	2009 Jan-Jun	2010 Jan-Jun	2011 Jan-Jun	2009 Jan-Jun	2010 Jan-Jun	2011 Jan-Jun
JONES	14	26	13	7	13	6	0	0	0	0	0	0
LEE	133	116	111	25	30	49	3	0	0	0	3	2
LENOIR	165	172	159	61	74	62	2	0	1	0	0	0
LINCOLN	84	139	92	13	24	19	1	0	0	0	0	0
MACON	19	39	21	1	3	2	1	0	0	0	0	0
MADISON	14	8	23	3	3	1	0	0	0	1	0	0
MARTIN	88	70	63	35	27	24	1	0	1	0	1	1
MCDOWELL	50	32	30	17	4	5	0	0	0	0	0	0
MECKLENBURG	3,320	2,448	3,079	1,156	778	931	51	61	60	32	35	28
MITCHELL	7	10	4	0	1	0	0	0	0	0	0	0
MONTGOMERY	31	42	40	14	5	8	0	0	0	0	0	0
MOORE	92	105	126	52	58	15	2	0	1	1	1	0
NASH	300	377	275	129	141	109	2	2	3	1	2	0
NEW HANOVER	473	311	559	158	101	117	3	0	1	5	1	2
NORTHAMPTON	75	48	59	35	20	29	0	3	0	0	0	0
ONslow	532	568	550	122	161	133	0	2	0	1	1	0
ORANGE	201	200	243	27	53	69	3	1	3	1	0	0
PAMLICO	12	25	16	2	6	11	0	1	0	0	0	0
PASQUOTANK	150	117	119	70	58	45	0	0	3	0	0	0
PENDER	77	60	83	13	15	17	0	0	1	0	0	0
PERQUIMANS	50	19	18	17	8	6	0	0	0	0	0	0
PERSON	69	78	97	15	17	18	0	0	0	0	0	0
PITT	641	845	840	272	282	248	1	6	7	3	5	1
POLK	11	10	8	2	3	2	1	0	0	0	0	0
RANDOLPH	164	188	190	27	43	60	1	0	2	1	1	3
RICHMOND	194	108	89	107	24	31	0	1	0	0	0	0
ROBESON	485	543	510	242	221	170	2	2	1	0	4	2
ROCKINGHAM	186	141	183	42	27	74	0	2	0	0	2	2
ROWAN	325	294	281	114	149	97	0	2	4	0	1	1
RUTHERFORD	82	101	90	13	17	21	0	0	2	1	0	0
SAMPSON	127	108	142	35	47	54	1	2	1	0	0	0
SCOTLAND	105	91	96	57	52	43	0	0	0	0	0	0
STANLY	145	207	105	58	74	18	0	0	0	0	0	0
STOKES	33	44	43	9	2	6	1	2	0	0	1	1
SURRY	55	55	69	8	9	11	0	0	0	1	0	0
SWAIN	10	30	53	0	2	8	0	0	0	0	0	0
TRANSYLVANIA	38	47	40	8	8	4	1	0	1	0	0	0
TYRRELL	13	10	12	5	4	3	0	0	0	0	0	0
UNION	272	236	233	120	71	66	1	1	2	1	0	0
VANCE	191	220	203	82	111	67	2	4	0	1	1	2
WAKE	1,835	2,455	2,097	545	687	644	30	20	17	20	21	15
WARREN	69	42	54	29	16	31	1	0	0	0	0	0
WASHINGTON	38	28	38	15	14	12	0	0	0	0	1	0
WATAUGA	43	57	33	3	1	7	0	1	1	0	0	0
WAYNE	327	458	409	147	159	123	16	7	6	6	20	3
WILKES	80	51	49	5	7	8	0	0	0	0	0	1
WILSON	275	823	221	115	360	81	2	0	1	2	5	2
YADKIN	38	21	35	7	6	5	0	0	0	1	0	1
YANCEY	9	14	12	3	1	0	0	0	0	0	0	0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	22,673	22,292	24,119	7,568	7,421	7,786	259	233	216	169	185	167

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

COUNTY OF HIV REPORT	2009 Jan-Jun	2010 Jan-Jun	2011 Jan-Jun
ALAMANCE	6	16	10
ALEXANDER	1	1	2
ALLEGHANY	0	0	0
ANSON	1	1	3
ASHE	0	0	1
AVERY	2	0	0
BEAUFORT	3	2	3
BERTIE	0	0	3
BLADEN	4	1	4
BRUNSWICK	9	2	4
BUNCOMBE	9	10	17
BURKE	2	0	0
CABARRUS	15	6	10
CALDWELL	0	2	0
CAMDEN	3	0	0
CARTERET	1	2	1
CASWELL	4	1	3
CATAWBA	9	8	6
CHATHAM	3	4	2
CHEROKEE	0	0	1
CHOWAN	0	0	0
CLAY	1	1	1
CLEVELAND	10	4	10
COLUMBUS	4	7	8
CRAVEN	5	5	8
CUMBERLAND	30	44	56
CURRITUCK	1	0	1
DARE	0	0	0
DAVIDSON	6	7	6
DAVIE	0	1	0
DUPLIN	1	9	0
DURHAM	42	68	42
EDGECOMBE	13	8	6
FORSYTH	45	29	45
FRANKLIN	6	5	4
GASTON	20	18	19
GATES	1	1	0
GRAHAM	0	0	0
GRANVILLE	6	8	1
GREENE	0	2	1
GUILFORD	78	62	75
HALIFAX	2	2	6
HARNETT	14	7	8
HAYWOOD	1	0	0
HENDERSON	3	4	2
HERTFORD	1	2	3
HOKE	4	4	6
HYDE	0	1	0
IREDELL	3	6	2
JACKSON	1	1	2
JOHNSTON	7	8	6
JONES	2	1	1
LEE	0	6	7
LENOIR	6	5	5
LINCOLN	1	3	0
MACON	1	1	1
MADISON	0	0	1

COUNTY OF HIV REPORT	2009 Jan-Jun	2010 Jan-Jun	2011 Jan-Jun
MARTIN	0	1	0
MCDOWELL	1	1	1
MECKLENBURG	197	167	200
MITCHELL	3	0	0
MONTGOMERY	0	1	1
MOORE	7	2	3
NASH	5	8	3
NEW HANOVER	13	12	21
NORTHAMPTON	2	1	1
ONslow	3	11	4
ORANGE	5	6	7
PAMLICO	0	1	0
PASQUOTANK	2	1	2
PENDER	3	1	2
PERQUIMANS	2	1	0
PERSON	3	2	4
PITT	21	18	20
POLK	0	0	0
RANDOLPH	5	6	4
RICHMOND	5	2	6
ROBESON	17	8	18
ROCKINGHAM	6	0	6
ROWAN	10	9	6
RUTHERFORD	3	2	2
SAMPSON	5	4	6
SCOTLAND	2	3	1
STANLY	2	0	2
STOKES	0	1	1
SURRY	3	0	0
SWAIN	0	0	1
TRANSYLVANIA	3	1	1
TYRRELL	0	0	0
UNION	14	5	8
VANCE	2	6	8
WAKE	96	92	78
WARREN	1	2	0
WASHINGTON	2	0	0
WATAUGA	1	1	0
WAYNE	13	10	13
WILKES	1	4	1
WILSON	18	11	9
YADKIN	0	1	0
YANCEY	2	0	1
UNASSIGNED*	52	37	33
TOTAL	917	825	877

* 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 June 2009-2011

COUNTY OF AIDS REPORT	2009 Jan-Jun	2010 Jan-Jun	2011 Jan-Jun
ALAMANCE	4	16	5
ALEXANDER	1	0	0
ALLEGHANY	0	0	0
ANSON	1	1	2
ASHE	0	0	0
AVERY	1	0	0
BEAUFORT	5	2	2
BERTIE	1	1	4
BLADEN	2	4	3
BRUNSWICK	5	1	3
BUNCOMBE	7	3	17
BURKE	4	1	0
CABARRUS	6	3	6
CALDWELL	0	1	0
CAMDEN	3	0	0
CARTERET	1	2	2
CASWELL	0	1	2
CATAWBA	8	4	1
CHATHAM	1	3	1
CHEROKEE	0	0	0
CHOWAN	2	0	0
CLAY	0	1	1
CLEVELAND	5	3	6
COLUMBUS	5	5	4
CRAVEN	6	5	3
CUMBERLAND	23	29	27
CURRITUCK	3	0	1
DARE	1	0	2
DAVIDSON	5	6	2
DAVIE	0	1	1
DUPLIN	1	3	3
DURHAM	18	28	20
EDGECOMBE	9	8	11
FORSYTH	29	10	20
FRANKLIN	4	5	4
GASTON	5	12	21
GATES	1	0	0
GRAHAM	0	0	0
GRANVILLE	5	4	2
GREENE	2	3	1
GUILFORD	43	32	28
HALIFAX	3	2	3
HARNETT	7	2	5
HAYWOOD	1	0	1
HENDERSON	2	3	3
HERTFORD	1	1	2
HOKE	3	4	3
HYDE	0	0	0
IREDELL	5	1	0
JACKSON	0	0	1
JOHNSTON	6	9	7
JONES	2	3	1
LEE	7	2	2
LENOIR	6	6	2
LINCOLN	0	3	1
MACON	0	3	0
MADISON	0	0	1

COUNTY OF AIDS REPORT	2009 Jan-Jun	2010 Jan-Jun	2011 Jan-Jun
MARTIN	2	0	0
MCDOWELL	0	0	0
MECKLENBURG	94	68	85
MITCHELL	1	0	0
MONTGOMERY	0	1	1
MOORE	3	1	3
NASH	7	9	4
NEW HANOVER	8	8	12
NORTHAMPTON	1	2	1
ONslow	2	7	1
ORANGE	4	1	2
PAMLICO	0	1	0
PASQUOTANK	1	1	1
PENDER	1	1	1
PERQUIMANS	0	1	0
PERSON	2	3	3
PITT	12	17	13
POLK	1	0	0
RANDOLPH	1	4	5
RICHMOND	5	1	5
ROBESON	3	20	12
ROCKINGHAM	0	0	3
ROWAN	5	2	2
RUTHERFORD	1	0	4
SAMPSON	3	2	5
SCOTLAND	0	2	3
STANLY	1	0	0
STOKES	0	2	0
SURRY	0	1	0
SWAIN	0	0	0
TRANSYLVANIA	1	0	0
TYRRELL	0	0	0
UNION	6	2	5
VANCE	3	1	1
WAKE	62	56	36
WARREN	0	0	2
WASHINGTON	1	1	1
WATAUGA	2	0	0
WAYNE	5	4	10
WILKES	0	2	1
WILSON	8	4	7
YADKIN	0	1	0
YANCEY	0	0	0
UNASSIGNED*	37	35	21
TOTAL	543	498	487

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