North Carolina HIV/STD Quarterly Surveillance Report: Vol. 2010, No. 2

Communicable Disease Surveillance Unit

Communicable Disease Branch
Epidemiology Section, Division of Public Health
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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. 2* presents statistics and trends of sexually transmitted diseases (including HIV and AIDS) in North Carolina from January 1 through June 30, 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)

nc department of health and human services

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North Carolina Public Health

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 June, 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	4	0.0	n/a	n/a	n/a	n/a	6	0.0
	0-9	2	0.0	3	0.0	n/a	n/a	n/a	n/a	5	0.0
	10-14	3	0.0	5	0.0	n/a	n/a	n/a	n/a	8	0.0
	15-19	509	4.5	542	4.8	n/a	n/a	n/a	n/a	1,051	4.7
	20-24	840	7.5	928	8.2	n/a	n/a	n/a	n/a	1,768	7.8
	25-29	350	3.1	387	3.4	n/a	n/a	n/a	n/a	737	3.3
	30-34	151	1.3	190	1.7	n/a	n/a	n/a	n/a	341	1.5
	35-39	107	1.0	85	0.8	n/a	n/a	n/a	n/a	192	0.9
	40-44	46	0.4	69	0.6	n/a	n/a	n/a	n/a	115	0.5
	45-54	44	0.4	47	0.4	n/a	n/a	n/a	n/a	91	0.4
	55-64	8	0.1	10	0.1	n/a	n/a	n/a	n/a	18	0.1
	65+	4	0.0	2	0.0	n/a	n/a	n/a	n/a	6	0.0
	Total	2,066	18.4	2,272	20.1	n/a	n/a	n/a	n/a	4,338	19.3
Female	**Age Group**										
	Unknown	12	0.1	8	0.1	n/a	n/a	n/a	n/a	20	0.1
	0-9	7	0.1	7	0.1	n/a	n/a	n/a	n/a	14	0.1
	10-14	102	0.9	103	0.9	n/a	n/a	n/a	n/a	205	0.9
	15-19	3,332	29.7	3,326	29.4	n/a	n/a	n/a	n/a	6,658	29.5
	20-24	3,599	32.1	3,517	31.1	n/a	n/a	n/a	n/a	7,116	31.6
	25-29	1,175	10.5	1,209	10.7	n/a	n/a	n/a	n/a	2,384	10.6
	30-34	504	4.5	442	3.9	n/a	n/a	n/a	n/a	946	4.2
	35-39	212	1.9	215	1.9	n/a	n/a	n/a	n/a	427	1.9
	40-44	75	0.7	71	0.6	n/a	n/a	n/a	n/a	146	0.6
	45-54	48	0.4	51	0.5	n/a	n/a	n/a	n/a	99	0.4
	55-64	11	0.1	7	0.1	n/a	n/a	n/a	n/a	18	0.1
	65+	3	0.0	1	0.0	n/a	n/a	n/a	n/a	4	0.0
	Total	9,080	80.9	8,957	79.1	n/a	n/a	n/a	n/a	18,037	80.0
Total**	**Age Group**										
	Unknown	21	0.2	28	0.2	n/a	n/a	n/a	n/a	49	0.2
	0-9	9	0.1	10	0.1	n/a	n/a	n/a	n/a	19	0.1
	10-14	105	0.9	108	1.0	n/a	n/a	n/a	n/a	213	0.9
	15-19	3,862	34.4	3,888	34.4	n/a	n/a	n/a	n/a	7,750	34.4
	20-24	4,466	39.8	4,475	39.5	n/a	n/a	n/a	n/a	8,941	39.7
	25-29	1,538	13.7	1,609	14.2	n/a	n/a	n/a	n/a	3,147	14.0
	30-34	657	5.9	635	5.6	n/a	n/a	n/a	n/a	1,292	5.7
	35-39	319	2.8	304	2.7	n/a	n/a	n/a	n/a	623	2.8
	40-44	123	1.1	141	1.2	n/a	n/a	n/a	n/a	264	1.2
	45-54	92	0.8	99	0.9	n/a	n/a	n/a	n/a	191	0.8
	55-64	19	0.2	17	0.2	n/a	n/a	n/a	n/a	36	0.2
	65+	7	0.1	3	0.0	n/a	n/a	n/a	n/a	10	0.0
	Total	11,218	100.0	11,317	100.0	n/a	n/a	n/a	n/a	22,535	100.0

** Total includes 160 cases with unreported gender

NORTH CAROLINA STD REPORTS- January through June, 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**	652	5.8	898	7.9	n/a	n/a	n/a	n/a	1,550	6.9
	White*	219	2.0	212	1.9	n/a	n/a	n/a	n/a	431	1.9
	Black*	1,034	9.2	985	8.7	n/a	n/a	n/a	n/a	2,019	9.0
	American Indian*	25	0.2	22	0.2	n/a	n/a	n/a	n/a	47	0.2
	Asian, Pac Islander*	12	0.1	11	0.1	n/a	n/a	n/a	n/a	23	0.1
	Hispanic	124	1.1	144	1.3	n/a	n/a	n/a	n/a	268	1.2
	Total	2,066	18.4	2,272	20.1	n/a	n/a	n/a	n/a	4,338	19.3
Female	**Race/Ethnicity**										
	Unknown	2,685	23.9	3,003	26.5	n/a	n/a	n/a	n/a	5,688	25.2
	White*	1,598	14.2	1,535	13.6	n/a	n/a	n/a	n/a	3,133	13.9
	Black*	4,168	37.2	3,787	33.5	n/a	n/a	n/a	n/a	7,955	35.3
	American Indian*	133	1.2	113	1.0	n/a	n/a	n/a	n/a	246	1.1
	Asian, Pac Islander*	46	0.4	49	0.4	n/a	n/a	n/a	n/a	95	0.4
	Hispanic	450	4.0	470	4.2	n/a	n/a	n/a	n/a	920	4.1
	Total	9,080	80.9	8,957	79.1	n/a	n/a	n/a	n/a	18,037	80.0
Total**	**Race/Ethnicity**										
	Unknown	3,371	30.0	3,949	34.9	n/a	n/a	n/a	n/a	7,320	32.5
	White*	1,820	16.2	1,752	15.5	n/a	n/a	n/a	n/a	3,572	15.9
	Black*	5,235	46.7	4,805	42.5	n/a	n/a	n/a	n/a	10,040	44.6
	American Indian*	158	1.4	135	1.2	n/a	n/a	n/a	n/a	293	1.3
	Asian, Pac Islander*	59	0.5	60	0.5	n/a	n/a	n/a	n/a	119	0.5
	Hispanic	575	5.1	616	5.4	n/a	n/a	n/a	n/a	1,191	5.3
	Total	11,218	100.0	11,317	100.0	n/a	n/a	n/a	n/a	22,535	100.0

*non Hispanic **Total includes 160 cases with unreported gender

NORTH CAROLINA STD REPORTS- January through June, 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	3	0.1	n/a	n/a	n/a	n/a	4	0.1
	0-9	0	0.0	2	0.1	n/a	n/a	n/a	n/a	2	0.0
	10-14	2	0.1	5	0.1	n/a	n/a	n/a	n/a	7	0.1
	15-19	278	7.6	293	7.9	n/a	n/a	n/a	n/a	571	7.8
	20-24	562	15.4	570	15.4	n/a	n/a	n/a	n/a	1,132	15.4
	25-29	268	7.4	276	7.5	n/a	n/a	n/a	n/a	544	7.4
	30-34	142	3.9	145	3.9	n/a	n/a	n/a	n/a	287	3.9
	35-39	94	2.6	84	2.3	n/a	n/a	n/a	n/a	178	2.4
	40-44	60	1.6	71	1.9	n/a	n/a	n/a	n/a	131	1.8
	45-54	53	1.5	57	1.5	n/a	n/a	n/a	n/a	110	1.5
	55-64	19	0.5	18	0.5	n/a	n/a	n/a	n/a	37	0.5
	65+	5	0.1	3	0.1	n/a	n/a	n/a	n/a	8	0.1
	Total	1,484	40.7	1,527	41.4	n/a	n/a	n/a	n/a	3,011	41.0
Female	**Age Group**										
	Unknown	2	0.1	6	0.2	n/a	n/a	n/a	n/a	8	0.1
	0-9	2	0.1	3	0.1	n/a	n/a	n/a	n/a	5	0.1
	10-14	18	0.5	19	0.5	n/a	n/a	n/a	n/a	37	0.5
	15-19	715	19.6	734	19.9	n/a	n/a	n/a	n/a	1,449	19.7
	20-24	804	22.1	808	21.9	n/a	n/a	n/a	n/a	1,612	22.0
	25-29	318	8.7	292	7.9	n/a	n/a	n/a	n/a	610	8.3
	30-34	142	3.9	156	4.2	n/a	n/a	n/a	n/a	298	4.1
	35-39	69	1.9	61	1.7	n/a	n/a	n/a	n/a	130	1.8
	40-44	29	0.8	17	0.5	n/a	n/a	n/a	n/a	46	0.6
	45-54	27	0.7	32	0.9	n/a	n/a	n/a	n/a	59	0.8
	55-64	2	0.1	0	0.0	n/a	n/a	n/a	n/a	2	0.0
	65+	0	0.0	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	Total	2,128	58.4	2,128	57.6	n/a	n/a	n/a	n/a	4,256	58.0
Total**	**Age Group**										
	Unknown	8	0.2	16	0.4	n/a	n/a	n/a	n/a	24	0.3
	0-9	2	0.1	5	0.1	n/a	n/a	n/a	n/a	7	0.1
	10-14	20	0.5	24	0.7	n/a	n/a	n/a	n/a	44	0.6
	15-19	998	27.4	1,035	28.0	n/a	n/a	n/a	n/a	2,033	27.7
	20-24	1,383	37.9	1,387	37.6	n/a	n/a	n/a	n/a	2,770	37.7
	25-29	589	16.2	572	15.5	n/a	n/a	n/a	n/a	1,161	15.8
	30-34	287	7.9	304	8.2	n/a	n/a	n/a	n/a	591	8.1
	35-39	164	4.5	148	4.0	n/a	n/a	n/a	n/a	312	4.3
	40-44	89	2.4	90	2.4	n/a	n/a	n/a	n/a	179	2.4
	45-54	80	2.2	90	2.4	n/a	n/a	n/a	n/a	170	2.3
	55-64	21	0.6	18	0.5	n/a	n/a	n/a	n/a	39	0.5
	65+	5	0.1	3	0.1	n/a	n/a	n/a	n/a	8	0.1
	Total	3,646	100.0	3,692	100.0	n/a	n/a	n/a	n/a	7,338	100.0

** Total includes 71 cases with unreported gender

NORTH CAROLINA STD REPORTS- January through June, 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**	418	11.5	449	12.2	n/a	n/a	n/a	n/a	867	11.8
	White*	100	2.7	111	3.0	n/a	n/a	n/a	n/a	211	2.9
	Black*	910	25.0	912	24.7	n/a	n/a	n/a	n/a	1,822	24.8
	American Indian*	16	0.4	15	0.4	n/a	n/a	n/a	n/a	31	0.4
	Asian, Pac Islander*	0	0.0	2	0.1	n/a	n/a	n/a	n/a	2	0.0
	Hispanic	40	1.1	38	1.0	n/a	n/a	n/a	n/a	78	1.1
	Total	1,484	40.7	1,527	41.4	n/a	n/a	n/a	n/a	3,011	41.0
Female	**Race/Ethnicity**										
	Unknown	567	15.6	668	18.1	n/a	n/a	n/a	n/a	1,235	16.8
	White*	262	7.2	238	6.4	n/a	n/a	n/a	n/a	500	6.8
	Black*	1,217	33.4	1,150	31.1	n/a	n/a	n/a	n/a	2,367	32.3
	American Indian*	32	0.9	24	0.7	n/a	n/a	n/a	n/a	56	0.8
	Asian, Pac Islander*	7	0.2	6	0.2	n/a	n/a	n/a	n/a	13	0.2
	Hispanic	43	1.2	42	1.1	n/a	n/a	n/a	n/a	85	1.2
	Total	2,128	58.4	2,128	57.6	n/a	n/a	n/a	n/a	4,256	58.0
Total**	**Race/Ethnicity**										
	Unknown	1,000	27.4	1,137	30.8	n/a	n/a	n/a	n/a	2,137	29.1
	White*	363	10.0	350	9.5	n/a	n/a	n/a	n/a	713	9.7
	Black*	2,145	58.8	2,076	56.2	n/a	n/a	n/a	n/a	4,221	57.5
	American Indian*	48	1.3	39	1.1	n/a	n/a	n/a	n/a	87	1.2
	Asian, Pac Islander*	7	0.2	8	0.2	n/a	n/a	n/a	n/a	15	0.2
	Hispanic	83	2.3	82	2.2	n/a	n/a	n/a	n/a	165	2.2
	Total	3,646	100.0	3,692	100.0	n/a	n/a	n/a	n/a	7,338	100.0

*non Hispanic **Total includes 71 cases with unreported gender

NORTH CAROLINA STD REPORTS- January through June, 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	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	1	0.5	n/a	n/a	n/a	n/a	1	0.2
	15-19	20	8.7	9	4.8	n/a	n/a	n/a	n/a	29	7.0
	20-24	37	16.2	38	20.2	n/a	n/a	n/a	n/a	75	18.0
	25-29	35	15.3	32	17.0	n/a	n/a	n/a	n/a	67	16.1
	30-34	17	7.4	17	9.0	n/a	n/a	n/a	n/a	34	8.2
	35-39	13	5.7	14	7.4	n/a	n/a	n/a	n/a	27	6.5
	40-44	16	7.0	18	9.6	n/a	n/a	n/a	n/a	34	8.2
	45-54	25	10.9	18	9.6	n/a	n/a	n/a	n/a	43	10.3
	55-64	8	3.5	6	3.2	n/a	n/a	n/a	n/a	14	3.4
	65+	3	1.3	3	1.6	n/a	n/a	n/a	n/a	6	1.4
	Total	174	76.0	156	83.0	n/a	n/a	n/a	n/a	330	79.1
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	1	0.4	0	0.0	n/a	n/a	n/a	n/a	1	0.2
	15-19	10	4.4	5	2.7	n/a	n/a	n/a	n/a	15	3.6
	20-24	7	3.1	12	6.4	n/a	n/a	n/a	n/a	19	4.6
	25-29	11	4.8	6	3.2	n/a	n/a	n/a	n/a	17	4.1
	30-34	4	1.7	2	1.1	n/a	n/a	n/a	n/a	6	1.4
	35-39	6	2.6	3	1.6	n/a	n/a	n/a	n/a	9	2.2
	40-44	7	3.1	1	0.5	n/a	n/a	n/a	n/a	8	1.9
	45-54	9	3.9	3	1.6	n/a	n/a	n/a	n/a	12	2.9
	55-64	0	0.0	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	65+	0	0.0	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	Total	55	24.0	32	17.0	n/a	n/a	n/a	n/a	87	20.9
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	1	0.4	1	0.5	n/a	n/a	n/a	n/a	2	0.5
	15-19	30	13.1	14	7.4	n/a	n/a	n/a	n/a	44	10.6
	20-24	44	19.2	50	26.6	n/a	n/a	n/a	n/a	94	22.5
	25-29	46	20.1	38	20.2	n/a	n/a	n/a	n/a	84	20.1
	30-34	21	9.2	19	10.1	n/a	n/a	n/a	n/a	40	9.6
	35-39	19	8.3	17	9.0	n/a	n/a	n/a	n/a	36	8.6
	40-44	23	10.0	19	10.1	n/a	n/a	n/a	n/a	42	10.1
	45-54	34	14.8	21	11.2	n/a	n/a	n/a	n/a	55	13.2
	55-64	8	3.5	6	3.2	n/a	n/a	n/a	n/a	14	3.4
	65+	3	1.3	3	1.6	n/a	n/a	n/a	n/a	6	1.4
	Total	229	100.0	188	100.0	n/a	n/a	n/a	n/a	417	100.0

NORTH CAROLINA STD REPORTS- January through June, 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	0	0.0	n/a	n/a	n/a	n/a	2	0.5
	White*	25	10.9	24	12.8	n/a	n/a	n/a	n/a	49	11.8
	Black*	139	60.7	128	68.1	n/a	n/a	n/a	n/a	267	64.0
	American Indian*	2	0.9	1	0.5	n/a	n/a	n/a	n/a	3	0.7
	Asian, Pac Islander*	1	0.4	1	0.5	n/a	n/a	n/a	n/a	2	0.5
	Hispanic	5	2.2	2	1.1	n/a	n/a	n/a	n/a	7	1.7
	Total	174	76.0	156	83.0	n/a	n/a	n/a	n/a	330	79.1
Female	Race/Ethnicity										
	Unknown	1	0.4	n/a	0.0	n/a	n/a	n/a	n/a	1	0.2
	White*	10	4.4	5	2.7	n/a	n/a	n/a	n/a	15	3.6
	Black*	42	18.3	26	13.8	n/a	n/a	n/a	n/a	68	16.3
	American Indian*	0	0.0	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	Asian, Pac Islander*	0	0.0	1	0.5	n/a	n/a	n/a	n/a	1	0.2
	Hispanic	2	0.9	0	0.0	n/a	n/a	n/a	n/a	2	0.5
	Total	55	24.0	32	17.0	n/a	n/a	n/a	n/a	87	20.9
Total	Race/Ethnicity										
	Unknown	3	1.3	0	0.0	n/a	n/a	n/a	n/a	3	0.7
	White*	35	15.3	29	15.4	n/a	n/a	n/a	n/a	64	15.3
	Black*	181	79.0	154	81.9	n/a	n/a	n/a	n/a	335	80.3
	American Indian*	2	0.9	1	0.5	n/a	n/a	n/a	n/a	3	0.7
	Asian, Pac Islander*	1	0.4	2	1.1	n/a	n/a	n/a	n/a	3	0.7
	Hispanic	7	3.1	2	1.1	n/a	n/a	n/a	n/a	9	2.2
	Total	229	100.0	188	100.0	n/a	n/a	n/a	n/a	417	100.0

*non Hispanic

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

YEAR TO DATE	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2008 Jan-Jun	2009 Jan-Jun	2010 Jan-Jun	2008 Jan-Jun	2009 Jan-Jun	2010 Jan-Jun	2008 Jan-Jun	2009 Jan-Jun	2010 Jan-Jun	2008 Jan-Jun	2009 Jan-Jun	2010 Jan-Jun
ALAMANCE	221	292	260	65	127	131	2	0	1	1	2	3
ALEXANDER	24	42	28	4	7	4	0	0	0	0	0	0
ALLEGHANY	1	8	3	0	0	0	0	0	0	0	0	0
ANSON	44	121	97	28	95	42	0	0	0	0	0	0
ASHE	8	12	6	0	1	2	0	0	0	0	0	0
AVERY	3	9	12	1	1	1	0	0	0	0	0	0
BEAUFORT	44	128	123	12	56	36	0	0	1	0	0	1
BERTIE	57	63	89	15	31	31	0	0	0	0	0	0
BLADEN	42	108	109	12	25	32	0	0	0	0	3	0
BRUNSWICK	60	115	118	18	20	31	0	0	0	3	2	0
BUNCOMBE	123	394	433	23	79	120	1	6	2	0	4	2
BURKE	63	128	144	18	31	47	0	1	0	0	0	0
CABARRUS	200	383	296	46	77	73	0	3	2	2	0	1
CALDWELL	48	92	95	6	16	15	1	0	0	0	0	0
CAMDEN	5	10	5	2	1	3	0	1	0	0	0	0
CARTERET	66	125	97	6	13	16	0	0	0	0	0	0
CASWELL	19	38	43	5	20	16	0	0	0	0	0	0
CATAWBA	177	251	286	50	71	80	1	1	0	0	0	1
CHATHAM	28	68	74	4	14	16	0	0	1	0	2	1
CHEROKEE	11	12	20	0	0	1	0	0	0	0	0	0
CHOWAN	15	42	39	3	18	15	0	0	0	0	0	0
CLAY	3	8	2	0	0	1	0	0	0	0	0	0
CLEVELAND	130	212	221	59	84	92	2	1	1	1	0	0
COLUMBUS	68	122	120	17	32	51	0	1	0	1	0	0
CRAVEN	142	324	351	53	61	78	1	0	3	1	2	3
CUMBERLAND	662	1,594	1,352	335	564	561	4	6	8	1	7	4
CURRITUCK	15	24	20	8	11	14	0	1	0	0	0	0
DARE	13	36	38	5	9	3	0	0	1	0	0	0
DAVIDSON	107	260	187	22	28	48	0	1	1	0	1	1
DAVIE	26	56	40	6	9	3	2	0	0	0	0	0
DUPLIN	85	110	101	11	31	35	0	0	2	1	0	1
DURHAM	323	829	1,251	108	302	510	16	19	10	7	8	5
EDGECOMBE	204	295	349	104	147	137	1	4	1	6	4	1
FORSYTH	1,161	1,697	1,345	315	463	389	14	56	51	11	35	25
FRANKLIN	57	90	82	23	46	33	1	0	1	1	0	2
GASTON	196	338	452	134	196	192	5	3	3	0	4	0
GATES	18	23	21	5	7	10	0	0	0	0	0	0
GRAHAM	4	6	6	0	0	0	0	0	0	0	0	1
GRANVILLE	105	123	102	63	25	67	0	0	0	1	2	2
GREENE	50	58	53	11	19	35	0	1	0	0	0	0
GUILFORD	622	1,010	1,474	209	341	505	22	21	18	9	8	22
HALIFAX	166	214	192	45	87	85	0	0	1	0	1	0
HARNETT	58	176	216	67	54	46	0	0	1	0	0	1
HAYWOOD	15	64	38	2	10	1	0	0	0	0	1	0
HENDERSON	25	64	88	4	14	23	0	1	1	0	1	0
HERTFORD	39	95	123	10	43	42	0	0	1	0	1	1
HOKE	64	117	118	22	34	51	1	0	0	0	0	0
HYDE	6	8	5	1	0	4	0	0	0	0	0	0
IREDELL	175	254	236	89	129	96	0	0	1	1	0	0
JACKSON	18	67	69	4	2	6	1	1	0	0	0	0
JOHNSTON	180	211	248	80	75	43	0	2	1	3	2	0

Continued

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

YEAR TO DATE	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2008 Jan-Jun	2009 Jan-Jun	2010 Jan-Jun	2008 Jan-Jun	2009 Jan-Jun	2010 Jan-Jun	2008 Jan-Jun	2009 Jan-Jun	2010 Jan-Jun	2008 Jan-Jun	2009 Jan-Jun	2010 Jan-Jun
JONES	6	14	16	2	7	7	0	0	0	0	0	0
LEE	54	133	134	21	25	39	0	3	0	1	0	3
LENOIR	123	165	189	47	61	77	0	2	0	2	0	0
LINCOLN	55	84	97	17	13	16	0	1	0	0	0	0
MACON	15	19	33	1	1	7	0	1	0	0	0	0
MADISON	9	14	9	0	3	3	0	0	0	0	1	0
MARTIN	25	88	81	5	35	27	1	1	0	0	0	1
MCDOWELL	24	50	40	11	17	4	0	0	0	0	0	0
MECKLENBURG	2,371	3,320	2,002	1,113	1,156	611	20	51	61	19	32	36
MITCHELL	4	7	4	0	0	2	0	0	0	0	0	0
MONTGOMERY	42	31	53	5	14	6	0	0	0	0	0	0
MOORE	89	92	120	20	52	52	1	2	0	2	1	1
NASH	322	300	312	148	129	137	6	2	2	3	1	2
NEW HANOVER	483	473	446	159	158	128	4	3	0	8	5	1
NORTHAMPTON	35	75	50	11	35	21	1	0	3	0	0	0
ONSLOW	330	532	567	78	122	154	0	0	2	2	1	1
ORANGE	106	201	180	33	27	52	1	3	1	0	1	0
PAMLICO	8	12	20	0	2	8	0	0	1	0	0	0
PASQUOTANK	82	150	121	29	70	52	0	0	0	0	0	0
PENDER	69	77	62	15	13	9	2	0	0	1	0	0
PERQUIMANS	14	50	19	5	17	5	0	0	0	0	0	0
PERSON	60	69	74	14	15	18	0	0	0	0	0	0
PITT	617	641	878	235	272	256	5	1	6	2	3	5
POLK	7	11	11	2	2	1	0	1	0	0	0	0
RANDOLPH	102	164	143	16	27	36	1	1	0	0	1	1
RICHMOND	71	194	124	26	107	34	0	0	1	0	0	0
ROBESON	265	485	536	166	242	207	0	2	2	3	0	4
ROCKINGHAM	105	186	151	31	42	30	1	0	2	1	0	2
ROWAN	98	325	307	85	114	148	0	0	2	0	0	1
RUTHERFORD	70	82	103	23	13	20	0	0	0	0	1	0
SAMPSON	67	127	110	22	35	44	0	1	2	1	0	0
SCOTLAND	68	105	97	14	57	50	0	0	0	1	0	1
STANLY	74	145	90	10	58	17	0	0	0	0	0	0
STOKES	30	33	49	4	9	4	1	1	2	2	0	1
SURRY	39	55	66	9	8	9	1	0	0	1	1	0
SWAIN	2	10	29	0	0	4	0	0	0	0	0	0
TRANSYLVANIA	18	38	48	3	8	9	0	1	0	0	0	0
TYRRELL	5	13	8	3	5	1	0	0	0	0	0	0
UNION	143	272	275	68	120	71	0	1	1	0	1	0
VANCE	175	191	201	91	82	107	0	2	4	0	1	1
WAKE	2,135	1,835	2,422	700	545	653	15	30	19	6	20	20
WARREN	15	69	59	19	29	32	0	1	0	0	0	0
WASHINGTON	26	38	33	6	15	10	0	0	0	0	0	1
WATAUGA	28	43	43	3	3	3	0	0	1	0	0	0
WAYNE	187	327	436	57	147	132	7	16	7	8	6	20
WILKES	50	80	55	9	5	5	0	0	0	1	0	0
WILSON	239	275	329	91	115	143	3	2	0	0	2	5
YADKIN	17	38	20	4	7	4	0	0	0	0	1	0
YANCEY	9	9	6	1	3	0	0	0	0	0	0	0
TOTAL	14,984	22,673	22,535	5,562	7,568	7,338	145	259	232	114	169	185

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

COUNTY OF HIV REPORT	2008 Jan-Jun	2009 Jan-Jun	2010 Jan-Jun
ALAMANCE	25	4	17
ALEXANDER	4	2	1
ALLEGHANY	0	0	0
ANSON	2	1	1
ASHE	1	0	0
AVERY	1	2	0
BEAUFORT	8	3	3
BERTIE	1	0	1
BLADEN	2	7	1
BRUNSWICK	3	9	1
BUNCOMBE	15	10	12
BURKE	8	4	0
CABARRUS	21	23	6
CALDWELL	3	0	2
CAMDEN	0	4	0
CARTERET	1	1	3
CASWELL	1	5	1
CATAWBA	9	6	7
CHATHAM	1	5	5
CHEROKEE	0	0	1
CHOWAN	1	0	0
CLAY	0	1	0
CLEVELAND	7	10	2
COLUMBUS	4	4	7
CRAVEN	7	5	5
CUMBERLAND	40	32	42
CURRITUCK	1	1	0
DARE	3	0	0
DAVIDSON	15	8	6
DAVIE	1	0	2
DUPLIN	4	1	8
DURHAM	58	43	75
EDGECOMBE	8	14	6
FORSYTH	45	46	31
FRANKLIN	4	8	7
GASTON	13	21	14
GATES	1	1	1
GRAHAM	0	0	0
GRANVILLE	10	7	8
GREENE	0	1	2
GUILFORD	91	78	60
HALIFAX	3	2	2
HARNETT	6	13	3
HAYWOOD	3	1	0
HENDERSON	2	3	4
HERTFORD	6	1	2
HOKE	8	3	4
HYDE	0	0	1
IREDELL	8	4	2
JACKSON	3	1	2
JOHNSTON	7	15	10
JONES	0	3	1
LEE	8	2	5

COUNTY OF HIV REPORT	2008 Jan-Jun	2009 Jan-Jun	2010 Jan-Jun
LENOIR	7	5	5
LINCOLN	1	2	3
MACON	1	1	1
MADISON	0	0	1
MARTIN	0	0	1
MCDOWELL	0	1	1
MECKLENBURG	183	197	144
MITCHELL	0	3	0
MONTGOMERY	3	1	1
MOORE	3	6	3
NASH	14	5	10
NEW HANOVER	30	14	10
NORTHAMPTON	4	2	0
ONSLOW	8	3	8
ORANGE	12	4	7
PAMLICO	2	0	1
PASQUOTANK	3	1	0
PENDER	1	3	1
PERQUIMANS	2	2	1
PERSON	1	2	3
PITT	22	20	17
POLK	0	0	0
RANDOLPH	4	3	7
RICHMOND	5	5	4
ROBESON	12	18	8
ROCKINGHAM	6	5	0
ROWAN	11	10	7
RUTHERFORD	2	3	2
SAMPSON	3	5	4
SCOTLAND	4	2	3
STANLY	1	2	0
STOKES	1	0	1
SURRY	3	3	1
SWAIN	0	0	0
TRANSYLVANIA	1	3	1
TYRRELL	0	0	0
UNION	10	15	5
VANCE	6	1	7
WAKE	129	89	89
WARREN	2	1	2
WASHINGTON	1	2	0
WATAUGA	2	1	1
WAYNE	9	13	9
WILKES	3	1	5
WILSON	15	17	11
YADKIN	1	0	1
YANCEY	0	2	0
UNASSIGNED*	38	53	31
TOTAL	1,039	941	791

* 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 June, 2008-2010

COUNTY OF AIDS REPORT	2008 Jan-Jun	2009 Jan-Jun	2010 Jan-Jun
ALAMANCE	4	4	17
ALEXANDER	3	2	0
ALLEGHANY	0	0	0
ANSON	1	1	1
ASHE	0	0	0
AVERY	1	1	0
BEAUFORT	4	5	3
BERTIE	0	1	1
BLADEN	0	3	4
BRUNSWICK	2	5	0
BUNCOMBE	5	8	4
BURKE	1	4	2
CABARRUS	0	7	3
CALDWELL	3	0	1
CAMDEN	0	3	0
CARTERET	2	1	2
CASWELL	0	0	1
CATAWBA	5	7	2
CHATHAM	1	1	4
CHEROKEE	1	0	0
CHOWAN	1	2	1
CLAY	0	0	0
CLEVELAND	2	5	3
COLUMBUS	4	5	5
CRAVEN	4	5	7
CUMBERLAND	14	23	30
CURRITUCK	0	3	0
DARE	0	1	0
DAVIDSON	6	6	6
DAVIE	0	0	2
DUPLIN	2	1	3
DURHAM	33	19	31
EDGECOMBE	5	9	10
FORSYTH	13	30	12
FRANKLIN	0	4	6
GASTON	7	5	13
GATES	0	1	0
GRAHAM	0	0	0
GRANVILLE	4	5	5
GREENE	0	2	3
GUILFORD	31	41	33
HALIFAX	7	3	2
HARNETT	6	7	2
HAYWOOD	1	1	1
HENDERSON	1	1	3
HERTFORD	1	1	1
HOKE	4	3	4
HYDE	0	0	0
IREDELL	3	5	1
JACKSON	0	0	0
JOHNSTON	8	10	11
JONES	1	2	4
LEE	2	7	2

COUNTY OF AIDS REPORT	2008 Jan-Jun	2009 Jan-Jun	2010 Jan-Jun
LENOIR	5	6	6
LINCOLN	0	0	3
MACON	0	0	2
MADISON	0	0	1
MARTIN	0	2	0
MCDOWELL	0	0	0
MECKLENBURG	61	93	68
MITCHELL	0	1	0
MONTGOMERY	1	0	1
MOORE	1	3	1
NASH	8	7	11
NEW HANOVER	9	8	7
NORTHAMPTON	1	1	2
ONSLOW	2	2	7
ORANGE	2	4	1
PAMLICO	0	0	1
PASQUOTANK	1	1	1
PENDER	0	1	1
PERQUIMANS	1	0	1
PERSON	2	2	3
PITT	11	12	16
POLK	0	1	1
RANDOLPH	1	1	4
RICHMOND	4	5	1
ROBESON	10	4	19
ROCKINGHAM	5	0	0
ROWAN	4	5	2
RUTHERFORD	1	1	1
SAMPSON	0	3	2
SCOTLAND	4	0	2
STANLY	0	1	0
STOKES	0	0	2
SURRY	0	0	1
SWAIN	0	0	0
TRANSYLVANIA	0	1	0
TYRRELL	0	0	0
UNION	4	6	2
VANCE	2	3	0
WAKE	58	58	56
WARREN	0	0	0
WASHINGTON	3	1	1
WATAUGA	0	2	0
WAYNE	5	5	5
WILKES	0	0	2
WILSON	7	9	4
YADKIN	1	0	1
YANCEY	0	0	0
UNASSIGNED*	22	37	37
TOTAL	429	546	522

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