

# North Carolina HIV/STD Quarterly Surveillance Report: Vol. 2009, No. 2

## Communicable Disease Surveillance Unit

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### ANNOUNCEMENTS:

The North Carolina STD Surveillance data system underwent extensive changes in 2008 as North Carolina implemented NC EDSS (North Carolina Electronic Disease Surveillance System). Morbidity counts will likely change as the data is reviewed and the existing data systems are merged into NC EDSS. Reporting delays and changes in reporting processes can substantially affect 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. 2009, No.2* presents statistics and trends of sexually transmitted diseases (including HIV and AIDS) in North Carolina from January 1 through June 30, 2009. 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](http://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](http://www.cdc.gov))



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08/09



## **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 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. 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. Changes in the number of reported cases may be due to changes in screening practices. The disease can cause serious complications in females, and a number of screening programs are in place to detect infection in young women. There are no comparable screening programs for young men. For this reason, chlamydia case reports are always highly biased with respect to gender.

## **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, October 2008*. This report can be found on our website [www.epi.state.nc.us/epi/hiv/surveillance.html](http://www.epi.state.nc.us/epi/hiv/surveillance.html).

# NORTH CAROLINA STD REPORTS- January through June, 2009

2009 Chlamydia Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Sex	Age Group										
Male	Unknown	11	0.1	5	0.0	n/a	n/a	n/a	n/a	16	0.1
	0-9	6	0.1	8	0.1	n/a	n/a	n/a	n/a	14	0.1
	10-14	8	0.1	5	0.0	n/a	n/a	n/a	n/a	13	0.1
	15-19	487	4.4	507	4.4	n/a	n/a	n/a	n/a	994	4.4
	20-24	812	7.3	846	7.3	n/a	n/a	n/a	n/a	1,658	7.3
	25-29	433	3.9	411	3.5	n/a	n/a	n/a	n/a	844	3.7
	30-34	206	1.9	177	1.5	n/a	n/a	n/a	n/a	383	1.7
	35-39	83	0.7	114	1.0	n/a	n/a	n/a	n/a	197	0.9
	40-44	59	0.5	54	0.5	n/a	n/a	n/a	n/a	113	0.5
	45-54	38	0.3	31	0.3	n/a	n/a	n/a	n/a	69	0.3
	55-64	13	0.1	10	0.1	n/a	n/a	n/a	n/a	23	0.1
	65+	2	0.0	2	0.0	n/a	n/a	n/a	n/a	4	0.0
	Total	2,158	19.4	2,170	18.7	n/a	n/a	n/a	n/a	4,328	19.1
Female	Age Group										
	Unknown	48	0.4	51	0.4	n/a	n/a	n/a	n/a	99	0.4
	0-9	13	0.1	12	0.1	n/a	n/a	n/a	n/a	25	0.1
	10-14	101	0.9	113	1.0	n/a	n/a	n/a	n/a	214	0.9
	15-19	3,564	32.1	3,533	30.5	n/a	n/a	n/a	n/a	7,097	31.3
	20-24	3,263	29.4	3,489	30.1	n/a	n/a	n/a	n/a	6,752	29.8
	25-29	1,112	10.0	1,248	10.8	n/a	n/a	n/a	n/a	2,360	10.4
	30-34	457	4.1	480	4.1	n/a	n/a	n/a	n/a	937	4.1
	35-39	192	1.7	205	1.8	n/a	n/a	n/a	n/a	397	1.8
	40-44	72	0.6	83	0.7	n/a	n/a	n/a	n/a	155	0.7
	45-54	49	0.4	44	0.4	n/a	n/a	n/a	n/a	93	0.4
	55-64	13	0.1	9	0.1	n/a	n/a	n/a	n/a	22	0.1
	65+	1	0.0	2	0.0	n/a	n/a	n/a	n/a	3	0.0
	Total	8,885	80.0	9,269	80.0	n/a	n/a	n/a	n/a	18,154	80.0
Total	Age Group										
	Unknown	80	0.7	81	0.7	n/a	n/a	n/a	n/a	161	0.7
	0-9	19	0.2	23	0.2	n/a	n/a	n/a	n/a	42	0.2
	10-14	111	1.0	118	1.0	n/a	n/a	n/a	n/a	229	1.0
	15-19	4,062	36.6	4,070	35.1	n/a	n/a	n/a	n/a	8,132	35.9
	20-24	4,087	36.8	4,391	37.9	n/a	n/a	n/a	n/a	8,478	37.4
	25-29	1,549	14.0	1,677	14.5	n/a	n/a	n/a	n/a	3,226	14.2
	30-34	668	6.0	661	5.7	n/a	n/a	n/a	n/a	1,329	5.9
	35-39	276	2.5	324	2.8	n/a	n/a	n/a	n/a	600	2.6
	40-44	132	1.2	139	1.2	n/a	n/a	n/a	n/a	271	1.2
	45-54	87	0.8	76	0.7	n/a	n/a	n/a	n/a	163	0.7
	55-64	26	0.2	19	0.2	n/a	n/a	n/a	n/a	45	0.2
	65+	3	0.0	4	0.0	n/a	n/a	n/a	n/a	7	0.0
	Total	11,100	100	11,583	100	n/a	n/a	n/a	n/a	22,683	100

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

2009 Chlamydia Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Sex	Race/Ethnicity										
Unknown	Unknown	19	0.2	119	1.0	n/a	n/a	n/a	n/a	138	0.6
	White*	8	0.1	2	0.0	n/a	n/a	n/a	n/a	10	0.0
	Black*	26	0.2	16	0.1	n/a	n/a	n/a	n/a	42	0.2
	American Indian*	1	0.0	0	0.0	n/a	n/a	n/a	n/a	1	0.0
	Asian/Pac. Islander*	0	0.0	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	Hispanic	3	0.0	7	0.1	n/a	n/a	n/a	n/a	10	0.0
	Total	57	0.5	144	1.2	n/a	n/a	n/a	n/a	201	0.9
Male	Race/Ethnicity										
	Unknown	639	5.8	717	6.2	n/a	n/a	n/a	n/a	1,356	6.0
	White*	296	2.7	235	2.0	n/a	n/a	n/a	n/a	531	2.3
	Black*	1,020	9.2	1,054	9.1	n/a	n/a	n/a	n/a	2,074	9.1
	American Indian*	21	0.2	19	0.2	n/a	n/a	n/a	n/a	40	0.2
	Asian/Pac. Islander*	10	0.1	13	0.1	n/a	n/a	n/a	n/a	23	0.1
	Hispanic	172	1.5	132	1.1	n/a	n/a	n/a	n/a	304	1.3
	Total	2,158	19.4	2,170	18.7	n/a	n/a	n/a	n/a	4,328	19.1
Female	Race/Ethnicity										
	Unknown	2,449	22.1	2,987	25.8	n/a	n/a	n/a	n/a	5,436	24.0
	White*	1,651	14.9	1,547	13.4	n/a	n/a	n/a	n/a	3,198	14.1
	Black*	4,077	36.7	4,016	34.7	n/a	n/a	n/a	n/a	8,093	35.7
	American Indian*	116	1.0	125	1.1	n/a	n/a	n/a	n/a	241	1.1
	Asian/Pac. Islander*	53	0.5	36	0.3	n/a	n/a	n/a	n/a	89	0.4
	Hispanic	539	4.9	558	4.8	n/a	n/a	n/a	n/a	1,097	4.8
	Total	8,885	80.0	9,269	80.0	n/a	n/a	n/a	n/a	18,154	80.0
Total	Race/Ethnicity										
	Unknown	3,107	28.0	3,823	33.0	n/a	n/a	n/a	n/a	6,930	30.6
	White*	1,955	17.6	1,784	15.4	n/a	n/a	n/a	n/a	3,739	16.5
	Black*	5,123	46.2	5,086	43.9	n/a	n/a	n/a	n/a	10,209	45.0
	American Indian*	138	1.2	144	1.2	n/a	n/a	n/a	n/a	282	1.2
	Asian/Pac. Islander*	63	0.6	49	0.4	n/a	n/a	n/a	n/a	112	0.5
	Hispanic	714	6.4	697	6.0	n/a	n/a	n/a	n/a	1,411	6.2
	Total	11,100	100	11,583	100	n/a	n/a	n/a	n/a	22,683	100

\*non Hispanic

# NORTH CAROLINA STD REPORTS- January through June, 2009

2009 Gonorrhea Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Sex	Age Group										
Male	Unknown	6	0.2	4	0.1	n/a	n/a	n/a	n/a	10	0.1
	0-9	6	0.2	2	0.1	n/a	n/a	n/a	n/a	8	0.1
	10-14	4	0.1	1	0.0	n/a	n/a	n/a	n/a	5	0.1
	15-19	327	8.8	319	8.2	n/a	n/a	n/a	n/a	646	8.5
	20-24	550	14.9	559	14.4	n/a	n/a	n/a	n/a	1,109	14.6
	25-29	290	7.8	316	8.1	n/a	n/a	n/a	n/a	606	8.0
	30-34	179	4.8	166	4.3	n/a	n/a	n/a	n/a	345	4.5
	35-39	100	2.7	108	2.8	n/a	n/a	n/a	n/a	208	2.7
	40-44	61	1.6	76	2.0	n/a	n/a	n/a	n/a	137	1.8
	45-54	96	2.6	77	2.0	n/a	n/a	n/a	n/a	173	2.3
	55-64	21	0.6	28	0.7	n/a	n/a	n/a	n/a	49	0.6
	65+	7	0.2	4	0.1	n/a	n/a	n/a	n/a	11	0.1
	Total	1,647	44.5	1,660	42.7	n/a	n/a	n/a	n/a	3,307	43.6
Female	Age Group										
	Unknown	7	0.2	18	0.5	n/a	n/a	n/a	n/a	25	0.3
	0-9	1	0.0	5	0.1	n/a	n/a	n/a	n/a	6	0.1
	10-14	23	0.6	25	0.6	n/a	n/a	n/a	n/a	48	0.6
	15-19	763	20.6	761	19.6	n/a	n/a	n/a	n/a	1,524	20.1
	20-24	724	19.6	800	20.6	n/a	n/a	n/a	n/a	1,524	20.1
	25-29	273	7.4	323	8.3	n/a	n/a	n/a	n/a	596	7.9
	30-34	121	3.3	137	3.5	n/a	n/a	n/a	n/a	258	3.4
	35-39	61	1.6	62	1.6	n/a	n/a	n/a	n/a	123	1.6
	40-44	32	0.9	31	0.8	n/a	n/a	n/a	n/a	63	0.8
	45-54	19	0.5	10	0.3	n/a	n/a	n/a	n/a	29	0.4
	55-64	5	0.1	5	0.1	n/a	n/a	n/a	n/a	10	0.1
	65+	0	0.0	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	Total	2,029	54.9	2,177	56.0	n/a	n/a	n/a	n/a	4,206	55.5
Total	Age Group										
	Unknown	17	0.5	34	0.9	n/a	n/a	n/a	n/a	51	0.7
	0-9	7	0.2	7	0.2	n/a	n/a	n/a	n/a	14	0.2
	10-14	27	0.7	26	0.7	n/a	n/a	n/a	n/a	53	0.7
	15-19	1,094	29.6	1,085	27.9	n/a	n/a	n/a	n/a	2,179	28.7
	20-24	1,282	34.7	1,379	35.5	n/a	n/a	n/a	n/a	2,661	35.1
	25-29	567	15.3	644	16.6	n/a	n/a	n/a	n/a	1,211	16.0
	30-34	301	8.1	306	7.9	n/a	n/a	n/a	n/a	607	8.0
	35-39	161	4.4	173	4.5	n/a	n/a	n/a	n/a	334	4.4
	40-44	94	2.5	107	2.8	n/a	n/a	n/a	n/a	201	2.6
	45-54	115	3.1	89	2.3	n/a	n/a	n/a	n/a	204	2.7
	55-64	26	0.7	33	0.8	n/a	n/a	n/a	n/a	59	0.8
	65+	7	0.2	4	0.1	n/a	n/a	n/a	n/a	11	0.1
	Total	3,698	100	3,887	100	n/a	n/a	n/a	n/a	7,585	100

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

2009 Gonorrhea Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Sex	Race/Ethnicity										
Unknown	Unknown	7	0.2	37	1.0	n/a	n/a	n/a	n/a	44	0.6
	White*	4	0.1	1	0.0	n/a	n/a	n/a	n/a	5	0.1
	Black*	11	0.3	11	0.3	n/a	n/a	n/a	n/a	22	0.3
	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	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	Hispanic	0	0.0	1	0.0	n/a	n/a	n/a	n/a	1	0.0
	Total	22	0.6	50	1.3	n/a	n/a	n/a	n/a	72	0.9
Male	Race/Ethnicity										
	Unknown	416	11.2	447	11.5	n/a	n/a	n/a	n/a	863	11.4
	White*	121	3.3	122	3.1	n/a	n/a	n/a	n/a	243	3.2
	Black*	1,041	28.2	1,041	26.8	n/a	n/a	n/a	n/a	2,082	27.4
	American Indian*	22	0.6	16	0.4	n/a	n/a	n/a	n/a	38	0.5
	Asian/Pac. Islander*	5	0.1	5	0.1	n/a	n/a	n/a	n/a	10	0.1
	Hispanic	42	1.1	29	0.7	n/a	n/a	n/a	n/a	71	0.9
	Total	1,647	44.5	1,660	42.7	n/a	n/a	n/a	n/a	3,307	43.6
Female	Race/Ethnicity										
	Unknown	455	12.3	622	16.0	n/a	n/a	n/a	n/a	1,077	14.2
	White*	266	7.2	254	6.5	n/a	n/a	n/a	n/a	520	6.9
	Black*	1,213	32.8	1,225	31.5	n/a	n/a	n/a	n/a	2,438	32.1
	American Indian*	39	1.1	28	0.7	n/a	n/a	n/a	n/a	67	0.9
	Asian/Pac. Islander*	6	0.2	5	0.1	n/a	n/a	n/a	n/a	11	0.1
	Hispanic	50	1.4	43	1.1	n/a	n/a	n/a	n/a	93	1.2
	Total	2,029	54.9	2,177	56.0	n/a	n/a	n/a	n/a	4,206	55.5
Total	Race/Ethnicity										
	Unknown	878	23.7	1,106	28.5	n/a	n/a	n/a	n/a	1,984	26.2
	White*	391	10.6	377	9.7	n/a	n/a	n/a	n/a	768	10.1
	Black*	2,265	61.2	2,277	58.6	n/a	n/a	n/a	n/a	4,542	59.9
	American Indian*	61	1.6	44	1.1	n/a	n/a	n/a	n/a	105	1.4
	Asian/Pac. Islander*	11	0.3	10	0.3	n/a	n/a	n/a	n/a	21	0.3
	Hispanic	92	2.5	73	1.9	n/a	n/a	n/a	n/a	165	2.2
	Total	3,698	100	3,887	100	n/a	n/a	n/a	n/a	7,585	100

\*non Hispanic

# NORTH CAROLINA STD REPORTS- January through June, 2009

2009 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	9	4.8	13	5.4	n/a	n/a	n/a	n/a	22	5.1
	20-24	25	13.2	37	15.5	n/a	n/a	n/a	n/a	62	14.5
	25-29	27	14.3	36	15.1	n/a	n/a	n/a	n/a	63	14.7
	30-34	15	7.9	26	10.9	n/a	n/a	n/a	n/a	41	9.6
	35-39	18	9.5	24	10.0	n/a	n/a	n/a	n/a	42	9.8
	40-44	20	10.6	17	7.1	n/a	n/a	n/a	n/a	37	8.6
	45-54	27	14.3	29	12.1	n/a	n/a	n/a	n/a	56	13.1
	55-64	6	3.2	10	4.2	n/a	n/a	n/a	n/a	16	3.7
	65+	0	0.0	2	0.8	n/a	n/a	n/a	n/a	2	0.5
	Total	147	77.8	194	81.2	n/a	n/a	n/a	n/a	341	79.7
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	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	15-19	3	1.6	4	1.7	n/a	n/a	n/a	n/a	7	1.6
	20-24	10	5.3	13	5.4	n/a	n/a	n/a	n/a	23	5.4
	25-29	9	4.8	7	2.9	n/a	n/a	n/a	n/a	16	3.7
	30-34	3	1.6	6	2.5	n/a	n/a	n/a	n/a	9	2.1
	35-39	8	4.2	5	2.1	n/a	n/a	n/a	n/a	13	3.0
	40-44	5	2.6	4	1.7	n/a	n/a	n/a	n/a	9	2.1
	45-54	3	1.6	5	2.1	n/a	n/a	n/a	n/a	8	1.9
	55-64	1	0.5	1	0.4	n/a	n/a	n/a	n/a	2	0.5
	65+	0	0.0	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	Total	42	22.2	45	18.8	n/a	n/a	n/a	n/a	87	20.3
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	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	15-19	12	6.3	17	7.1	n/a	n/a	n/a	n/a	29	6.8
	20-24	35	18.5	50	20.9	n/a	n/a	n/a	n/a	85	19.9
	25-29	36	19.0	43	18.0	n/a	n/a	n/a	n/a	79	18.5
	30-34	18	9.5	32	13.4	n/a	n/a	n/a	n/a	50	11.7
	35-39	26	13.8	29	12.1	n/a	n/a	n/a	n/a	55	12.9
	40-44	25	13.2	21	8.8	n/a	n/a	n/a	n/a	46	10.7
	45-54	30	15.9	34	14.2	n/a	n/a	n/a	n/a	64	15.0
	55-64	7	3.7	11	4.6	n/a	n/a	n/a	n/a	18	4.2
	65+	0	0.0	2	0.8	n/a	n/a	n/a	n/a	2	0.5
	Total	189	100	239	100	n/a	n/a	n/a	n/a	428	100

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

2009 Early Syphilis Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Sex	Race/Ethnicity										
Unknown	Unknown	0	0.0	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	White*	0	0.0	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	Black*	0	0.0	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	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	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	Hispanic	0	0.0	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	Total	0	0.0	0	0.0	n/a	n/a	n/a	n/a	0	0.0
Male	Race/Ethnicity										
	Unknown	1	0.5	4	1.7	n/a	n/a	n/a	n/a	5	1.2
	White*	29	15.3	40	16.7	n/a	n/a	n/a	n/a	69	16.1
	Black*	111	58.7	141	59.0	n/a	n/a	n/a	n/a	252	58.9
	American Indian*	1	0.5	3	1.3	n/a	n/a	n/a	n/a	4	0.9
	Asian/Pac. Islander*	2	1.1	0	0.0	n/a	n/a	n/a	n/a	2	0.5
	Hispanic	3	1.6	6	2.5	n/a	n/a	n/a	n/a	9	2.1
	Total	147	77.8	194	81.2	n/a	n/a	n/a	n/a	341	79.7
Female	Race/Ethnicity										
	Unknown	0	0.0	2	0.8	n/a	n/a	n/a	n/a	2	0.5
	White*	9	4.8	9	3.8	n/a	n/a	n/a	n/a	18	4.2
	Black*	30	15.9	30	12.6	n/a	n/a	n/a	n/a	60	14.0
	American Indian*	0	0.0	1	0.4	n/a	n/a	n/a	n/a	1	0.2
	Asian/Pac. Islander*	0	0.0	0	0.0	n/a	n/a	n/a	n/a	0	0.0
	Hispanic	3	1.6	3	1.3	n/a	n/a	n/a	n/a	6	1.4
	Total	42	22.2	45	18.8	n/a	n/a	n/a	n/a	87	20.3
Total	Race/Ethnicity										
	Unknown	1	0.5	6	2.5	n/a	n/a	n/a	n/a	7	1.6
	White*	38	20.1	49	20.5	n/a	n/a	n/a	n/a	87	20.3
	Black*	141	74.6	171	71.5	n/a	n/a	n/a	n/a	312	72.9
	American Indian*	1	0.5	4	1.7	n/a	n/a	n/a	n/a	5	1.2
	Asian/Pac. Islander*	2	1.1	0	0.0	n/a	n/a	n/a	n/a	2	0.5
	Hispanic	6	3.2	9	3.8	n/a	n/a	n/a	n/a	15	3.5
	Total	189	100	239	100	n/a	n/a	n/a	n/a	428	100

\*non Hispanic



# NORTH CAROLINA STD REPORTS- January through June, 2007-2009

YEAR TO DATE	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2007 Jan-Jun	2008 Jan-Jun	2009 Jan-Jun	2007 Jan-Jun	2008 Jan-Jun	2009 Jan-Jun	2007 Jan-Jun	2008 Jan-Jun	2009 Jan-Jun	2007 Jan-Jun	2008 Jan-Jun	2009 Jan-Jun
ALAMANCE	199	221	280	93	65	116	3	2	0	1	1	2
ALEXANDER	16	24	42	4	4	7	0	0	0	0	0	0
ALLEGHANY	0	1	8	0	0	0	0	0	0	0	0	0
ANSON	67	44	121	52	28	95	0	0	0	0	0	0
ASHE	4	8	12	1	0	1	0	0	0	0	0	0
AVERY	4	3	9	0	1	1	0	0	0	0	0	0
BEAUFORT	75	44	129	39	12	56	0	0	0	0	0	0
BERTIE	64	57	60	23	15	31	0	0	0	0	0	0
BLADEN	63	42	109	17	12	26	0	0	0	0	0	3
BRUNSWICK	92	60	115	36	18	20	1	0	0	2	3	2
BUNCOMBE	228	123	395	96	23	80	1	1	6	2	0	4
BURKE	59	63	128	26	18	33	2	0	1	0	0	0
CABARRUS	274	200	383	115	46	77	0	0	3	1	2	0
CALDWELL	67	48	92	43	6	16	0	1	0	0	0	0
CAMDEN	9	5	10	2	2	1	0	0	1	0	0	0
CARTERET	61	66	126	22	6	13	0	0	0	0	0	0
CASWELL	13	19	37	13	5	17	0	0	0	0	0	0
CATAWBA	170	177	250	108	50	69	2	1	1	0	0	0
CHATHAM	39	28	70	15	4	14	1	0	0	0	0	2
CHEROKEE	19	11	12	1	0	0	0	0	0	0	0	0
CHOWAN	31	15	41	16	3	18	0	0	0	0	0	0
CLAY	5	3	8	1	0	0	0	0	0	0	0	0
CLEVELAND	160	130	213	99	59	83	2	2	1	0	1	0
COLUMBUS	74	68	116	42	17	31	0	0	1	2	1	0
CRAVEN	223	142	323	71	53	62	4	1	0	5	1	2
CUMBERLAND	1,163	662	1,604	671	335	565	4	4	6	2	1	7
CURRITUCK	19	15	22	7	8	12	0	0	1	0	0	0
DARE	33	13	38	7	5	9	0	0	0	0	0	0
DAVIDSON	126	107	261	70	22	27	0	0	1	0	0	1
DAVIE	22	26	55	17	6	8	0	2	0	1	0	0
DUPLIN	82	85	109	32	11	32	0	0	0	0	1	0
DURHAM	610	323	823	273	108	303	19	16	19	10	7	8
EDGECOMBE	240	204	288	154	104	148	2	1	4	5	6	4
FORSYTH	942	1,161	1,695	351	315	463	3	14	56	7	11	35
FRANKLIN	66	57	89	36	23	46	1	1	0	1	1	0
GASTON	337	196	334	168	134	193	2	5	3	0	0	4
GATES	13	18	24	7	5	6	0	0	0	0	0	0
GRAHAM	2	4	6	0	0	0	0	0	0	0	0	0
GRANVILLE	77	105	123	23	63	25	1	0	0	0	1	2
GREENE	48	50	56	24	11	18	1	0	1	0	0	0
GUILFORD	1,140	622	1,029	795	209	356	12	22	21	9	9	8
HALIFAX	225	166	215	119	45	87	1	0	0	2	0	1
HARNETT	123	58	173	58	67	54	0	0	0	1	0	0
HAYWOOD	36	15	64	4	2	10	0	0	0	0	0	1
HENDERSON	69	25	64	23	4	14	0	0	1	0	0	1
HERTFORD	49	39	97	20	10	45	0	0	0	0	0	1
HOKE	36	64	115	12	22	34	0	1	0	0	0	0
HYDE	7	6	8	1	1	0	0	0	0	0	0	0
IREDELL	124	175	255	101	89	129	0	0	0	1	1	0
JACKSON	32	18	66	5	4	2	0	1	1	0	0	0
JOHNSTON	131	180	213	82	80	83	5	0	2	3	3	2
JONES	23	6	17	8	2	6	0	0	0	0	0	0

# NORTH CAROLINA STD REPORTS- January through June, 2007-2009

YEAR TO DATE	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2007 Jan-Jun	2008 Jan-Jun	2009 Jan-Jun	2007 Jan-Jun	2008 Jan-Jun	2009 Jan-Jun	2007 Jan-Jun	2008 Jan-Jun	2009 Jan-Jun	2007 Jan-Jun	2008 Jan-Jun	2009 Jan-Jun
LEE	72	54	131	30	21	25	0	0	3	0	1	0
LENOIR	176	123	166	74	47	61	1	0	2	1	2	0
LINCOLN	45	55	88	12	17	14	1	0	1	0	0	0
MACON	19	15	19	0	1	1	0	0	1	0	0	0
MADISON	9	9	14	2	0	3	0	0	0	0	0	1
MARTIN	54	25	89	17	5	35	0	1	1	0	0	0
MCDOWELL	21	24	50	12	11	17	0	0	0	1	0	0
MECKLENBURG	792	2,371	3,315	479	1,113	1,156	50	20	51	19	19	32
MITCHELL	6	4	7	0	0	0	0	0	0	0	0	0
MONTGOMERY	20	42	29	9	5	14	0	0	0	0	0	0
MOORE	78	89	92	38	20	51	1	1	2	0	2	1
NASH	200	322	311	139	148	128	3	6	2	4	3	1
NEW HANOVER	402	483	477	160	159	160	9	4	3	12	8	5
NORTHAMPTON	61	35	75	30	11	35	0	1	0	0	0	0
ONslow	452	330	533	87	78	124	1	0	0	1	2	1
ORANGE	128	106	211	49	33	27	3	1	3	2	0	1
PAMLICO	14	8	11	1	0	2	0	0	0	0	0	0
PASQUOTANK	93	82	149	48	29	70	0	0	0	0	0	0
PENDER	43	69	77	23	15	13	0	2	0	1	1	0
PERQUIMANS	22	14	50	11	5	17	0	0	0	0	0	0
PERSON	47	60	68	19	14	15	0	0	0	0	0	0
PITT	420	617	644	210	235	272	3	5	1	2	2	3
POLK	17	7	12	5	2	3	0	0	1	0	0	0
RANDOLPH	109	102	162	30	16	27	0	1	1	1	0	1
RICHMOND	89	71	195	57	26	107	0	0	0	0	0	0
ROBESON	383	265	482	217	166	242	5	0	2	7	3	0
ROCKINGHAM	96	105	189	46	31	45	2	1	0	1	1	0
ROWAN	182	98	323	58	85	114	2	0	0	0	0	0
RUTHERFORD	83	70	83	43	23	13	0	0	0	1	0	1
SAMPSON	48	67	128	56	22	35	1	0	1	1	1	0
SCOTLAND	125	68	105	69	14	58	1	0	0	0	1	0
STANLY	40	74	146	26	10	59	1	0	0	1	0	0
STOKES	49	30	32	13	4	9	0	1	1	0	2	0
SURRY	28	39	54	6	9	8	0	1	0	0	1	1
SWAIN	18	2	11	0	0	0	0	0	0	0	0	0
TRANSYLVANIA	10	18	38	12	3	8	0	0	1	0	0	0
TYRRELL	9	5	13	2	3	5	0	0	0	0	0	0
UNION	98	143	273	67	68	120	0	0	1	0	0	1
VANCE	122	175	191	71	91	82	0	0	2	0	0	1
WAKE	1,572	2,135	1,832	505	700	544	17	15	30	8	6	20
WARREN	60	15	69	29	19	29	0	0	1	0	0	0
WASHINGTON	39	26	38	15	6	15	0	0	0	0	0	0
WATAUGA	9	28	44	1	3	3	0	0	0	0	0	0
WAYNE	219	187	327	67	57	147	6	7	16	4	8	6
WILKES	23	50	81	2	9	5	0	0	0	0	1	0
WILSON	206	239	271	178	91	115	0	3	2	1	0	2
YADKIN	23	17	37	13	4	7	1	0	0	0	0	1
YANCEY	5	9	9	2	1	3	0	0	0	0	0	0
TOTAL	14,627	14,984	22,683	7,043	5,562	7,585	175	145	259	123	114	169

**NORTH CAROLINA HIV CASES- January through June, 2007-2009 (By Date of HIV Report)**

HIV By County	2007 Jan-Jun	2008 Jan-Jun	2009 Jan-Jun
ALAMANCE	10	25	3
ALEXANDER	0	4	2
ALLEGHANY	1	0	0
ANSON	0	2	0
ASHE	2	1	0
AVERY	1	2	2
BEAUFORT	5	8	2
BERTIE	4	3	0
BLADEN	2	2	8
BRUNSWICK	6	3	7
BUNCOMBE	11	16	9
BURKE	2	7	4
CABARRUS	9	23	15
CALDWELL	0	3	0
CAMDEN	0	0	1
CARTERET	2	1	1
CASWELL	3	1	5
CATAWBA	10	9	7
CHATHAM	4	1	5
CHEROKEE	2	0	0
CHOWAN	0	2	1
CLAY	0	0	1
CLEVELAND	6	9	8
COLUMBUS	8	4	3
CRAVEN	12	7	3
CUMBERLAND	41	50	21
CURRITUCK	2	1	1
DARE	0	3	0
DAVIDSON	5	16	5
DAVIE	0	1	0
DUPLIN	5	4	1
DURHAM	41	61	37
EDGECOMBE	14	9	11
FORSYTH	46	44	34
FRANKLIN	2	5	5
GASTON	10	13	20
GATES	0	2	1
GRAHAM	0	0	0
GRANVILLE	3	11	7
GREENE	1	0	0
GUILFORD	79	95	63
HALIFAX	5	2	2
HARNETT	2	7	13
HAYWOOD	4	4	0
HENDERSON	2	3	4
HERTFORD	5	8	1
HOKE	2	8	2
HYDE	0	0	0
IREDELL	5	8	4
JACKSON	0	2	1
JOHNSTON	6	7	13
JONES	0	0	3
LEE	4	8	2

HIV By County	2007 Jan-Jun	2008 Jan-Jun	2009 Jan-Jun
LENOIR	9	7	1
LINCOLN	1	1	3
MACON	0	1	1
MADISON	0	0	0
MARTIN	2	0	0
MCDOWELL	1	0	1
MECKLENBURG	193	203	200
MITCHELL	1	0	1
MONTGOMERY	2	2	1
MOORE	6	3	9
NASH	8	14	7
NEW HANOVER	16	34	13
NORTHAMPTON	2	5	1
ONslow	8	10	5
ORANGE	6	11	4
PAMLICO	0	2	0
PASQUOTANK	3	3	1
PENDER	1	1	3
PERQUIMANS	0	2	2
PERSON	6	1	2
PITT	15	24	15
POLK	0	0	1
RANDOLPH	4	5	3
RICHMOND	10	4	5
ROBESON	22	15	16
ROCKINGHAM	1	7	4
ROWAN	10	12	10
RUTHERFORD	0	2	3
SAMPSON	1	4	4
SCOTLAND	2	4	2
STANLY	3	1	1
STOKES	1	1	0
SURRY	0	3	3
SWAIN	0	0	0
TRANSYLVANIA	2	1	3
TYRRELL	0	0	0
UNION	12	11	12
VANCE	7	7	1
WAKE	101	137	75
WARREN	1	2	1
WASHINGTON	6	1	3
WATAUGA	0	2	2
WAYNE	8	11	14
WILKES	1	4	1
WILSON	10	16	12
YADKIN	0	1	0
YANCEY	1	0	2
UNASSIGNED*	54	44	48
TOTAL	921	1,124	834

\* 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 CASES- January through June, 2007-2009 (By Date of AIDS Report)**

AIDS BY COUNTY	2007 Jan-Jun	2008 Jan-Jun	2009 Jan-Jun
ALAMANCE	4	4	4
ALEXANDER	0	3	2
ALLEGHANY	0	0	0
ANSON	0	1	1
ASHE	0	0	0
AVERY	1	1	1
BEAUFORT	1	4	5
BERTIE	3	0	1
BLADEN	2	0	4
BRUNSWICK	2	4	5
BUNCOMBE	3	4	11
BURKE	0	1	3
CABARRUS	5	1	6
CALDWELL	0	3	0
CAMDEN	0	0	2
CARTERET	1	2	2
CASWELL	1	0	0
CATAWBA	5	5	7
CHATHAM	1	1	1
CHEROKEE	1	1	0
CHOWAN	0	1	3
CLAY	0	0	0
CLEVELAND	4	2	5
COLUMBUS	6	4	6
CRAVEN	8	4	5
CUMBERLAND	22	16	24
CURRITUCK	0	0	3
DARE	0	0	2
DAVIDSON	1	6	6
DAVIE	0	0	0
DUPLIN	1	2	1
DURHAM	16	33	19
EDGECOMBE	5	6	10
FORSYTH	14	13	28
FRANKLIN	3	0	4
GASTON	5	7	5
GATES	0	0	1
GRAHAM	0	0	0
GRANVILLE	2	4	6
GREENE	0	0	2
GUILFORD	21	32	45
HALIFAX	3	6	5
HARNETT	4	5	7
HAYWOOD	1	1	1
HENDERSON	0	1	2
HERTFORD	2	1	3
HOKE	0	4	4
HYDE	0	0	0
IREDELL	3	3	4
JACKSON	0	0	0
JOHNSTON	5	9	8
JONES	0	1	1

AIDS BY COUNTY	2007 Jan-Jun	2008 Jan-Jun	2009 Jan-Jun
LEE	5	2	7
LENOIR	5	5	6
LINCOLN	0	0	0
MACON	0	0	0
MADISON	0	0	0
MARTIN	0	0	2
MCDOWELL	2	0	0
MECKLENBURG	86	66	105
MITCHELL	0	0	0
MONTGOMERY	0	1	0
MOORE	3	1	2
NASH	7	8	7
NEW HANOVER	15	10	8
NORTHAMPTON	1	1	1
ONSLOW	3	2	5
ORANGE	2	2	3
PAMLICO	0	0	0
PASQUOTANK	2	1	1
PENDER	0	0	1
PERQUIMANS	1	1	0
PERSON	3	2	2
PITT	10	12	11
POLK	1	0	1
RANDOLPH	2	1	1
RICHMOND	2	4	6
ROBESON	12	11	5
ROCKINGHAM	3	5	0
ROWAN	2	4	6
RUTHERFORD	1	1	1
SAMPSON	4	0	3
SCOTLAND	1	4	0
STANLY	1	0	1
STOKES	1	0	0
SURRY	0	0	0
SWAIN	0	0	0
TRANSYLVANIA	1	0	1
TYRRELL	0	0	0
UNION	6	4	7
VANCE	4	2	3
WAKE	68	59	64
WARREN	1	0	0
WASHINGTON	1	3	1
WATAUGA	0	0	2
WAYNE	4	6	6
WILKES	1	0	0
WILSON	8	7	10
YADKIN	0	1	0
YANCEY	1	0	0
UNASSIGNED*	35	23	40
TOTAL	461	445	584

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