

# North Carolina HIV/STD Quarterly Surveillance Report: Vol. 2009, No. 1

## 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. 1* presents statistics and trends of sexually transmitted diseases (including HIV and AIDS) in North Carolina from January 1 through March 31, 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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06/09



## **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/HIV REPORTS- January through March, 2009**

2009 Chlamydia Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
<b>Sex</b> <b>Male</b>	<b>Age Group</b> <b>Unknown</b>	11	0.1	n/a	n/a	n/a	n/a	n/a	n/a	11	0.1
	<b>0-9</b>	7	0.1	n/a	n/a	n/a	n/a	n/a	n/a	7	0.1
	<b>10-14</b>	8	0.1	n/a	n/a	n/a	n/a	n/a	n/a	8	0.1
	<b>15-19</b>	487	4.4	n/a	n/a	n/a	n/a	n/a	n/a	487	4.4
	<b>20-24</b>	811	7.3	n/a	n/a	n/a	n/a	n/a	n/a	811	7.3
	<b>25-29</b>	432	3.9	n/a	n/a	n/a	n/a	n/a	n/a	432	3.9
	<b>30-34</b>	203	1.8	n/a	n/a	n/a	n/a	n/a	n/a	203	1.8
	<b>35-39</b>	82	0.7	n/a	n/a	n/a	n/a	n/a	n/a	82	0.7
	<b>40-44</b>	59	0.5	n/a	n/a	n/a	n/a	n/a	n/a	59	0.5
	<b>45-54</b>	38	0.3	n/a	n/a	n/a	n/a	n/a	n/a	38	0.3
	<b>55-64</b>	12	0.1	n/a	n/a	n/a	n/a	n/a	n/a	12	0.1
	<b>65+</b>	2	0.0	n/a	n/a	n/a	n/a	n/a	n/a	2	0.0
	<b>Total</b>		2,152	19.4	n/a	n/a	n/a	n/a	n/a	n/a	2,152
<b>Sex</b> <b>Female</b>	<b>Age Group</b> <b>Unknown</b>	56	0.5	n/a	n/a	n/a	n/a	n/a	n/a	56	0.5
	<b>0-9</b>	14	0.1	n/a	n/a	n/a	n/a	n/a	n/a	14	0.1
	<b>10-14</b>	100	0.9	n/a	n/a	n/a	n/a	n/a	n/a	100	0.9
	<b>15-19</b>	3,564	32.1	n/a	n/a	n/a	n/a	n/a	n/a	3,564	32.1
	<b>20-24</b>	3,267	29.4	n/a	n/a	n/a	n/a	n/a	n/a	3,267	29.4
	<b>25-29</b>	1,113	10.0	n/a	n/a	n/a	n/a	n/a	n/a	1,113	10.0
	<b>30-34</b>	455	4.1	n/a	n/a	n/a	n/a	n/a	n/a	455	4.1
	<b>35-39</b>	192	1.7	n/a	n/a	n/a	n/a	n/a	n/a	192	1.7
	<b>40-44</b>	71	0.6	n/a	n/a	n/a	n/a	n/a	n/a	71	0.6
	<b>45-54</b>	50	0.5	n/a	n/a	n/a	n/a	n/a	n/a	50	0.5
	<b>55-64</b>	13	0.1	n/a	n/a	n/a	n/a	n/a	n/a	13	0.1
	<b>65+</b>	1	0.0	n/a	n/a	n/a	n/a	n/a	n/a	1	0.0
	<b>Total</b>		8,896	80.1	n/a	n/a	n/a	n/a	n/a	n/a	8,896
<b>Sex</b> <b>Total</b>	<b>Age Group</b> <b>Unknown</b>	92	0.8	n/a	n/a	n/a	n/a	n/a	n/a	92	0.8
	<b>0-9</b>	21	0.2	n/a	n/a	n/a	n/a	n/a	n/a	21	0.2
	<b>10-14</b>	110	1.0	n/a	n/a	n/a	n/a	n/a	n/a	110	1.0
	<b>15-19</b>	4,061	36.6	n/a	n/a	n/a	n/a	n/a	n/a	4,061	36.6
	<b>20-24</b>	4,090	36.8	n/a	n/a	n/a	n/a	n/a	n/a	4,090	36.8
	<b>25-29</b>	1,549	13.9	n/a	n/a	n/a	n/a	n/a	n/a	1,549	13.9
	<b>30-34</b>	663	6.0	n/a	n/a	n/a	n/a	n/a	n/a	663	6.0
	<b>35-39</b>	275	2.5	n/a	n/a	n/a	n/a	n/a	n/a	275	2.5
	<b>40-44</b>	131	1.2	n/a	n/a	n/a	n/a	n/a	n/a	131	1.2
	<b>45-54</b>	88	0.8	n/a	n/a	n/a	n/a	n/a	n/a	88	0.8
	<b>55-64</b>	25	0.2	n/a	n/a	n/a	n/a	n/a	n/a	25	0.2
	<b>65+</b>	3	0.0	n/a	n/a	n/a	n/a	n/a	n/a	3	0.0
	<b>Total</b>		11,108	100.0	n/a	n/a	n/a	n/a	n/a	n/a	11,108

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2009 Chlamydia Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
<b>Sex</b>	<b>Race/Ethnicity</b>										
<b>Unknown</b>	<b>Unknown</b>	22	0.2	n/a	n/a	n/a	n/a	n/a	n/a	22	0.2
	<b>White*</b>	8	0.1	n/a	n/a	n/a	n/a	n/a	n/a	8	0.1
	<b>Black*</b>	26	0.2	n/a	n/a	n/a	n/a	n/a	n/a	26	0.2
	<b>American Indian*</b>	1	0.0	n/a	n/a	n/a	n/a	n/a	n/a	1	0.0
	<b>Asian, Pac Islander*</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	<b>Hispanic</b>	3	0.0	n/a	n/a	n/a	n/a	n/a	n/a	3	0.0
	<b>Total</b>	60	0.5	n/a	n/a	n/a	n/a	n/a	n/a	60	0.5
<b>Male</b>	<b>Race/Ethnicity</b>										
	<b>Unknown</b>	684	6.2	n/a	n/a	n/a	n/a	n/a	n/a	684	6.2
	<b>White*</b>	287	2.6	n/a	n/a	n/a	n/a	n/a	n/a	287	2.6
	<b>Black*</b>	994	8.9	n/a	n/a	n/a	n/a	n/a	n/a	994	8.9
	<b>American Indian*</b>	19	0.2	n/a	n/a	n/a	n/a	n/a	n/a	19	0.2
	<b>Asian, Pac Islander*</b>	9	0.1	n/a	n/a	n/a	n/a	n/a	n/a	9	0.1
	<b>Hispanic</b>	159	1.4	n/a	n/a	n/a	n/a	n/a	n/a	159	1.4
	<b>Total</b>	2,152	19.4	n/a	n/a	n/a	n/a	n/a	n/a	2,152	19.4
<b>Female</b>	<b>Race/Ethnicity</b>										
	<b>Unknown</b>	2,775	25.0	n/a	n/a	n/a	n/a	n/a	n/a	2,775	25.0
	<b>White*</b>	1,564	14.1	n/a	n/a	n/a	n/a	n/a	n/a	1,564	14.1
	<b>Black*</b>	3,894	35.1	n/a	n/a	n/a	n/a	n/a	n/a	3,894	35.1
	<b>American Indian*</b>	111	1.0	n/a	n/a	n/a	n/a	n/a	n/a	111	1.0
	<b>Asian, Pac Islander*</b>	49	0.4	n/a	n/a	n/a	n/a	n/a	n/a	49	0.4
	<b>Hispanic</b>	503	4.5	n/a	n/a	n/a	n/a	n/a	n/a	503	4.5
	<b>Total</b>	8,896	80.1	n/a	n/a	n/a	n/a	n/a	n/a	8,896	80.1
<b>Total</b>	<b>Race/Ethnicity</b>										
	<b>Unknown</b>	3,481	31.3	n/a	n/a	n/a	n/a	n/a	n/a	3,481	31.3
	<b>White*</b>	1,859	16.7	n/a	n/a	n/a	n/a	n/a	n/a	1,859	16.7
	<b>Black*</b>	4,914	44.2	n/a	n/a	n/a	n/a	n/a	n/a	4,914	44.2
	<b>American Indian*</b>	131	1.2	n/a	n/a	n/a	n/a	n/a	n/a	131	1.2
	<b>Asian, Pac Islander*</b>	58	0.5	n/a	n/a	n/a	n/a	n/a	n/a	58	0.5
	<b>Hispanic</b>	665	6.0	n/a	n/a	n/a	n/a	n/a	n/a	665	6.0
	<b>Total</b>	11,108	100.0	n/a	n/a	n/a	n/a	n/a	n/a	11,108	100.0

\*non Hispanic

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2009 Gonorrhea Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Sex	Age Group										
Male	Unknown	7	0.2	n/a	n/a	n/a	n/a	n/a	n/a	7	0.2
	0-9	6	0.2	n/a	n/a	n/a	n/a	n/a	n/a	6	0.2
	10-14	4	0.1	n/a	n/a	n/a	n/a	n/a	n/a	4	0.1
	15-19	327	8.8	n/a	n/a	n/a	n/a	n/a	n/a	327	8.8
	20-24	550	14.9	n/a	n/a	n/a	n/a	n/a	n/a	550	14.9
	25-29	291	7.9	n/a	n/a	n/a	n/a	n/a	n/a	291	7.9
	30-34	175	4.7	n/a	n/a	n/a	n/a	n/a	n/a	175	4.7
	35-39	98	2.6	n/a	n/a	n/a	n/a	n/a	n/a	98	2.6
	40-44	61	1.6	n/a	n/a	n/a	n/a	n/a	n/a	61	1.6
	45-54	96	2.6	n/a	n/a	n/a	n/a	n/a	n/a	96	2.6
	55-64	21	0.6	n/a	n/a	n/a	n/a	n/a	n/a	21	0.6
	65+	7	0.2	n/a	n/a	n/a	n/a	n/a	n/a	7	0.2
	<b>Total</b>		1,643	44.4	n/a	n/a	n/a	n/a	n/a	n/a	1,643
Female	Unknown	14	0.4	n/a	n/a	n/a	n/a	n/a	n/a	14	0.4
	0-9	2	0.1	n/a	n/a	n/a	n/a	n/a	n/a	2	0.1
	10-14	23	0.6	n/a	n/a	n/a	n/a	n/a	n/a	23	0.6
	15-19	761	20.6	n/a	n/a	n/a	n/a	n/a	n/a	761	20.6
	20-24	724	19.6	n/a	n/a	n/a	n/a	n/a	n/a	724	19.6
	25-29	273	7.4	n/a	n/a	n/a	n/a	n/a	n/a	273	7.4
	30-34	121	3.3	n/a	n/a	n/a	n/a	n/a	n/a	121	3.3
	35-39	62	1.7	n/a	n/a	n/a	n/a	n/a	n/a	62	1.7
	40-44	33	0.9	n/a	n/a	n/a	n/a	n/a	n/a	33	0.9
	45-54	18	0.5	n/a	n/a	n/a	n/a	n/a	n/a	18	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	0	0.0
	<b>Total</b>		2,036	55.0	n/a	n/a	n/a	n/a	n/a	n/a	2,036
Total	Unknown	27	0.7	n/a	n/a	n/a	n/a	n/a	n/a	27	0.7
	0-9	8	0.2	n/a	n/a	n/a	n/a	n/a	n/a	8	0.2
	10-14	27	0.7	n/a	n/a	n/a	n/a	n/a	n/a	27	0.7
	15-19	1,092	29.5	n/a	n/a	n/a	n/a	n/a	n/a	1,092	29.5
	20-24	1,281	34.6	n/a	n/a	n/a	n/a	n/a	n/a	1,281	34.6
	25-29	569	15.4	n/a	n/a	n/a	n/a	n/a	n/a	569	15.4
	30-34	297	8.0	n/a	n/a	n/a	n/a	n/a	n/a	297	8.0
	35-39	160	4.3	n/a	n/a	n/a	n/a	n/a	n/a	160	4.3
	40-44	95	2.6	n/a	n/a	n/a	n/a	n/a	n/a	95	2.6
	45-54	114	3.1	n/a	n/a	n/a	n/a	n/a	n/a	114	3.1
	55-64	26	0.7	n/a	n/a	n/a	n/a	n/a	n/a	26	0.7
	65+	7	0.2	n/a	n/a	n/a	n/a	n/a	n/a	7	0.2
	<b>Total</b>		3,703	100.0	n/a	n/a	n/a	n/a	n/a	n/a	3,703

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2009 Gonorrhea Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Sex	Race/Ethnicity										
Unknown	Unknown	10	0.3	n/a	n/a	n/a	n/a	n/a	n/a	10	0.3
	White*	4	0.1	n/a	n/a	n/a	n/a	n/a	n/a	4	0.1
	Black*	10	0.3	n/a	n/a	n/a	n/a	n/a	n/a	10	0.3
	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	24	0.6	n/a	n/a	n/a	n/a	n/a	n/a	24	0.6
Male	Race/Ethnicity										
	Unknown	431	11.6	n/a	n/a	n/a	n/a	n/a	n/a	431	11.6
	White*	117	3.2	n/a	n/a	n/a	n/a	n/a	n/a	117	3.2
	Black*	1,027	27.7	n/a	n/a	n/a	n/a	n/a	n/a	1,027	27.7
	American Indian*	22	0.6	n/a	n/a	n/a	n/a	n/a	n/a	22	0.6
	Asian, Pac Islander*	5	0.1	n/a	n/a	n/a	n/a	n/a	n/a	5	0.1
	Hispanic	41	1.1	n/a	n/a	n/a	n/a	n/a	n/a	41	1.1
	Total	1,643	44.4	n/a	n/a	n/a	n/a	n/a	n/a	1,643	44.4
Female	Race/Ethnicity										
	Unknown	533	14.4	n/a	n/a	n/a	n/a	n/a	n/a	533	14.4
	White*	254	6.9	n/a	n/a	n/a	n/a	n/a	n/a	254	6.9
	Black*	1,161	31.4	n/a	n/a	n/a	n/a	n/a	n/a	1,161	31.4
	American Indian*	34	0.9	n/a	n/a	n/a	n/a	n/a	n/a	34	0.9
	Asian, Pac Islander*	6	0.2	n/a	n/a	n/a	n/a	n/a	n/a	6	0.2
	Hispanic	48	1.3	n/a	n/a	n/a	n/a	n/a	n/a	48	1.3
	Total	2,036	55.0	n/a	n/a	n/a	n/a	n/a	n/a	2,036	55.0
Total	Race/Ethnicity										
	Unknown	974	26.3	n/a	n/a	n/a	n/a	n/a	n/a	974	26.3
	White*	375	10.1	n/a	n/a	n/a	n/a	n/a	n/a	375	10.1
	Black*	2,198	59.4	n/a	n/a	n/a	n/a	n/a	n/a	2,198	59.4
	American Indian*	56	1.5	n/a	n/a	n/a	n/a	n/a	n/a	56	1.5
	Asian, Pac Islander*	11	0.3	n/a	n/a	n/a	n/a	n/a	n/a	11	0.3
	Hispanic	89	2.4	n/a	n/a	n/a	n/a	n/a	n/a	89	2.4
	Total	3,703	100.0	n/a	n/a	n/a	n/a	n/a	n/a	3,703	100.0

\*non Hispanic

**NORTH CAROLINA STD/HIV REPORTS- January through March, 2009**

2009 Early Syphilis Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
<b>Sex</b>	<b>Age Group</b>										
<b>Male</b>	<b>Unknown</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	<b>0-9</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	<b>10-14</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	<b>15-19</b>	9	4.7	n/a	n/a	n/a	n/a	n/a	n/a	9	4.7
	<b>20-24</b>	25	13.2	n/a	n/a	n/a	n/a	n/a	n/a	25	13.2
	<b>25-29</b>	27	14.2	n/a	n/a	n/a	n/a	n/a	n/a	27	14.2
	<b>30-34</b>	16	8.4	n/a	n/a	n/a	n/a	n/a	n/a	16	8.4
	<b>35-39</b>	18	9.5	n/a	n/a	n/a	n/a	n/a	n/a	18	9.5
	<b>40-44</b>	20	10.5	n/a	n/a	n/a	n/a	n/a	n/a	20	10.5
	<b>45-54</b>	27	14.2	n/a	n/a	n/a	n/a	n/a	n/a	27	14.2
	<b>55-64</b>	6	3.2	n/a	n/a	n/a	n/a	n/a	n/a	6	3.2
	<b>65+</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	<b>Total</b>		148	77.9	n/a	n/a	n/a	n/a	n/a	n/a	148
<b>Female</b>	<b>Age Group</b>										
	<b>Unknown</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	<b>0-9</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	<b>10-14</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	<b>15-19</b>	3	1.6	n/a	n/a	n/a	n/a	n/a	n/a	3	1.6
	<b>20-24</b>	10	5.3	n/a	n/a	n/a	n/a	n/a	n/a	10	5.3
	<b>25-29</b>	9	4.7	n/a	n/a	n/a	n/a	n/a	n/a	9	4.7
	<b>30-34</b>	3	1.6	n/a	n/a	n/a	n/a	n/a	n/a	3	1.6
	<b>35-39</b>	8	4.2	n/a	n/a	n/a	n/a	n/a	n/a	8	4.2
	<b>40-44</b>	5	2.6	n/a	n/a	n/a	n/a	n/a	n/a	5	2.6
	<b>45-54</b>	3	1.6	n/a	n/a	n/a	n/a	n/a	n/a	3	1.6
	<b>55-64</b>	1	0.5	n/a	n/a	n/a	n/a	n/a	n/a	1	0.5
	<b>65+</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
<b>Total</b>		42	22.1	n/a	n/a	n/a	n/a	n/a	n/a	42	22.1
<b>Total</b>	<b>Age Group</b>										
	<b>Unknown</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	<b>0-9</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	<b>10-14</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	<b>15-19</b>	12	6.3	n/a	n/a	n/a	n/a	n/a	n/a	12	6.3
	<b>20-24</b>	35	18.4	n/a	n/a	n/a	n/a	n/a	n/a	35	18.4
	<b>25-29</b>	36	18.9	n/a	n/a	n/a	n/a	n/a	n/a	36	18.9
	<b>30-34</b>	19	10.0	n/a	n/a	n/a	n/a	n/a	n/a	19	10.0
	<b>35-39</b>	26	13.7	n/a	n/a	n/a	n/a	n/a	n/a	26	13.7
	<b>40-44</b>	25	13.2	n/a	n/a	n/a	n/a	n/a	n/a	25	13.2
	<b>45-54</b>	30	15.8	n/a	n/a	n/a	n/a	n/a	n/a	30	15.8
	<b>55-64</b>	7	3.7	n/a	n/a	n/a	n/a	n/a	n/a	7	3.7
	<b>65+</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
<b>Total</b>		190	100.0	n/a	n/a	n/a	n/a	n/a	n/a	190	100.0

**NORTH CAROLINA STD/HIV REPORTS- January through March, 2009**

2009 Early Syphilis Reports		1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Year to Date	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Sex	Race/Ethnicity										
<b>Unknown</b>	<b>Unknown</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	<b>White*</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	<b>Black*</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	<b>American Indian*</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	<b>Asian, Pac Islander*</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	<b>Hispanic</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	<b>Total</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
<b>Male</b>	<b>Race/Ethnicity</b>										
	<b>Unknown</b>	1	0.5	n/a	n/a	n/a	n/a	n/a	n/a	1	0.5
	<b>White*</b>	29	15.3	n/a	n/a	n/a	n/a	n/a	n/a	29	15.3
	<b>Black*</b>	112	58.9	n/a	n/a	n/a	n/a	n/a	n/a	112	58.9
	<b>American Indian*</b>	1	0.5	n/a	n/a	n/a	n/a	n/a	n/a	1	0.5
	<b>Asian, Pac Islander*</b>	2	1.1	n/a	n/a	n/a	n/a	n/a	n/a	2	1.1
	<b>Hispanic</b>	3	1.6	n/a	n/a	n/a	n/a	n/a	n/a	3	1.6
	<b>Total</b>	148	77.9	n/a	n/a	n/a	n/a	n/a	n/a	148	77.9
<b>Female</b>	<b>Race/Ethnicity</b>										
	<b>Unknown</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	<b>White*</b>	9	4.7	n/a	n/a	n/a	n/a	n/a	n/a	9	4.7
	<b>Black*</b>	30	15.8	n/a	n/a	n/a	n/a	n/a	n/a	30	15.8
	<b>American Indian*</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	<b>Asian, Pac Islander*</b>	0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	0	0.0
	<b>Hispanic</b>	3	1.6	n/a	n/a	n/a	n/a	n/a	n/a	3	1.6
	<b>Total</b>	42	22.1	n/a	n/a	n/a	n/a	n/a	n/a	42	22.1
<b>Total</b>	<b>Race/Ethnicity</b>										
	<b>Unknown</b>	1	0.5	n/a	n/a	n/a	n/a	n/a	n/a	1	0.5
	<b>White*</b>	38	20.0	n/a	n/a	n/a	n/a	n/a	n/a	38	20.0
	<b>Black*</b>	142	74.7	n/a	n/a	n/a	n/a	n/a	n/a	142	74.7
	<b>American Indian*</b>	1	0.5	n/a	n/a	n/a	n/a	n/a	n/a	1	0.5
	<b>Asian, Pac Islander*</b>	2	1.1	n/a	n/a	n/a	n/a	n/a	n/a	2	1.1
	<b>Hispanic</b>	6	3.2	n/a	n/a	n/a	n/a	n/a	n/a	6	3.2
	<b>Total</b>	190	100.0	n/a	n/a	n/a	n/a	n/a	n/a	190	100.0

\*non Hispanic

**NORTH CAROLINA STD/HIV REPORTS- January through March, 2007-2009**

YEAR TO DATE	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2007 Jan-Mar	2008 Jan-Mar	2009 Jan-Mar	2007 Jan-Mar	2008 Jan-Mar	2009 Jan-Mar	2007 Jan-Mar	2008 Jan-Mar	2009 Jan-Mar	2007 Jan-Mar	2008 Jan-Mar	2009 Jan-Mar
ALAMANCE	88	94	155	38	18	59	1	0	0	1	1	2
ALEXANDER	10	14	27	3	4	3	0	0	0	0	0	0
ALLEGHANY	0	0	6	0	0	0	0	0	0	0	0	0
ANSON	38	18	78	34	15	53	0	0	0	0	0	0
ASHE	2	1	10	0	0	1	0	0	0	0	0	0
AVERY	1	1	7	0	0	1	0	0	0	0	0	0
BEAUFORT	47	16	62	14	7	24	0	0	0	0	0	0
BERTIE	29	20	33	14	8	13	0	0	0	0	0	0
BLADEN	29	17	59	8	2	14	0	0	0	0	0	1
BRUNSWICK	42	24	57	24	13	13	0	0	0	1	1	1
BUNCOMBE	130	44	208	37	11	52	1	1	4	1	0	1
BURKE	33	20	69	14	8	19	2	0	0	0	0	0
CABARRUS	149	88	224	59	35	38	0	0	0	1	2	0
CALDWELL	40	22	47	26	3	5	0	0	0	0	0	0
CAMDEN	2	4	5	1	1	0	0	0	1	0	0	0
CARTERET	46	26	66	12	1	7	0	0	0	0	0	0
CASWELL	11	3	23	7	0	11	0	0	0	0	0	0
CATAWBA	103	83	118	69	20	37	2	1	0	0	0	0
CHATHAM	26	8	29	10	2	9	1	0	0	0	0	1
CHEROKEE	14	3	5	0	0	0	0	0	0	0	0	0
CHOWAN	16	9	18	6	0	12	0	0	0	0	0	0
CLAY	3	0	5	1	0	0	0	0	0	0	0	0
CLEVELAND	82	48	102	51	33	38	1	2	1	0	1	0
COLUMBUS	52	22	58	31	8	23	0	0	0	0	0	0
CRAVEN	92	34	175	26	13	24	4	1	0	1	1	0
CUMBERLAND	646	274	785	461	130	282	0	0	4	1	1	4
CURRITUCK	13	8	17	3	5	10	0	0	1	0	0	0
DARE	24	3	23	6	3	5	0	0	0	0	0	0
DAVIDSON	89	28	134	54	3	11	0	0	1	0	0	0
DAVIE	15	7	30	10	4	3	0	0	0	1	0	0
DUPLIN	39	26	63	18	5	15	0	0	0	0	0	0
DURHAM	304	175	412	155	73	160	11	9	14	6	5	5
EDGECOMBE	135	74	148	69	44	86	1	0	1	2	6	4
FORSYTH	463	216	573	160	57	133	2	2	22	4	7	12
FRANKLIN	34	19	38	17	11	28	1	1	0	1	0	0
GASTON	143	78	164	93	58	91	1	0	2	0	0	0
GATES	6	9	15	1	3	5	0	0	0	0	0	0
GRAHAM	2	1	4	0	0	0	0	0	0	0	0	0
GRANVILLE	35	28	75	10	19	14	0	0	0	0	1	1
GREENE	30	25	34	11	5	9	0	0	0	0	0	0
GUILFORD	663	294	434	475	77	128	8	13	8	9	4	5
HALIFAX	116	83	103	65	11	45	0	0	0	1	0	1
HARNETT	79	20	91	52	9	31	0	0	0	1	0	0
HAYWOOD	16	4	43	4	0	8	0	0	0	0	0	0
HENDERSON	41	10	34	10	3	7	0	0	0	0	0	0
HERTFORD	36	18	57	11	5	23	0	0	0	0	0	0
HOKE	22	39	50	8	19	13	0	1	0	0	0	0
HYDE	4	2	6	1	0	0	0	0	0	0	0	0
IREDELL	79	71	126	57	45	69	0	0	0	1	0	0
JACKSON	10	7	44	1	3	1	0	0	1	0	0	0
JOHNSTON	59	42	113	13	14	28	2	0	1	1	3	1
JONES	18	4	9	5	0	3	0	0	0	0	0	0

**NORTH CAROLINA STD/HIV REPORTS- January through March, 2007-2009**

YEAR TO DATE	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2007 Jan-Mar	2008 Jan-Mar	2009 Jan-Mar	2007 Jan-Mar	2008 Jan-Mar	2009 Jan-Mar	2007 Jan-Mar	2008 Jan-Mar	2009 Jan-Mar	2007 Jan-Mar	2008 Jan-Mar	2009 Jan-Mar
LEE	37	19	60	17	8	16	0	0	1	0	0	0
LENOIR	90	46	81	32	18	33	1	0	1	1	0	0
LINCOLN	28	21	45	9	6	6	0	0	1	0	0	0
MACON	12	1	15	0	1	2	0	0	0	0	0	0
MADISON	7	6	5	1	0	2	0	0	0	0	0	0
MARTIN	32	17	51	10	2	19	0	0	0	0	0	0
MCDOWELL	14	11	31	6	4	10	0	0	0	1	0	0
MECKLENBURG	497	325	1,356	332	310	466	24	9	19	8	5	14
MITCHELL	4	3	3	0	0	0	0	0	0	0	0	0
MONTGOMERY	14	21	15	9	2	6	0	0	0	0	0	0
MOORE	20	45	47	18	6	29	0	1	1	0	1	1
NASH	91	116	154	68	19	67	1	4	1	2	2	0
NEW HANOVER	170	42	255	76	31	66	2	2	2	7	4	3
NORTHAMPTON	25	12	42	13	7	17	0	0	0	0	0	0
ONSLOW	224	42	275	52	21	64	1	0	0	1	2	0
ORANGE	66	27	109	26	6	15	2	1	0	2	0	0
PAMLICO	9	2	9	1	0	2	0	0	0	0	0	0
PASQUOTANK	38	40	63	23	11	36	0	0	0	0	0	0
PENDER	23	9	39	10	3	8	0	2	0	0	0	0
PERQUIMANS	13	6	35	3	5	16	0	0	0	0	0	0
PERSON	20	20	35	7	5	7	0	0	0	0	0	0
PITT	194	70	329	94	58	124	1	2	0	2	1	2
POLK	9	4	5	2	2	0	0	0	1	0	0	0
RANDOLPH	63	43	72	12	6	18	0	0	1	1	0	1
RICHMOND	53	29	141	35	4	87	0	0	0	0	0	0
ROBESON	191	30	242	83	43	125	3	0	0	1	1	0
ROCKINGHAM	47	36	107	18	16	28	0	0	0	0	1	0
ROWAN	95	61	163	28	65	57	0	0	0	0	0	0
RUTHERFORD	52	31	44	30	9	9	0	0	0	1	0	1
SAMPSON	32	25	69	45	9	19	1	0	1	0	1	0
SCOTLAND	89	32	58	56	4	33	1	0	0	0	0	0
STANLY	22	43	86	11	9	34	0	0	0	0	0	0
STOKES	37	20	17	9	4	2	0	0	0	0	1	0
SURRY	16	22	32	4	2	6	0	0	0	0	1	1
SWAIN	8	0	4	0	0	0	0	0	0	0	0	0
TRANSYLVANIA	7	9	20	8	2	4	0	0	0	0	0	0
TYRRELL	3	2	7	2	1	1	0	0	0	0	0	0
UNION	59	64	136	50	25	75	0	0	1	0	0	0
VANCE	55	32	106	20	17	51	0	0	2	0	0	0
WAKE	662	429	1,004	186	98	297	9	8	11	5	4	9
WARREN	28	4	35	15	9	20	0	0	0	0	0	0
WASHINGTON	23	11	22	5	3	8	0	0	0	0	0	0
WATAUGA	4	8	22	1	1	2	0	0	0	0	0	0
WAYNE	132	71	174	38	10	71	6	4	8	3	2	3
WILKES	11	11	42	1	3	4	0	0	0	0	1	0
WILSON	113	62	147	81	25	73	0	1	2	0	0	1
YADKIN	8	9	24	7	2	2	1	0	0	0	0	1
YANCEY	3	3	4	2	0	2	0	0	0	0	0	0
<b>TOTAL</b>	<b>7,656</b>	<b>4,176</b>	<b>11,108</b>	<b>3,811</b>	<b>1,700</b>	<b>3,703</b>	<b>91</b>	<b>65</b>	<b>114</b>	<b>68</b>	<b>60</b>	<b>76</b>

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

COUNTY	2007 Jan-Mar	2008 Jan-Mar	2009 Jan-Mar
ALAMANCE	6	14	0
ALEXANDER	0	2	0
ALLEGHANY	1	0	0
ANSON	0	1	1
ASHE	0	1	0
AVERY	0	2	2
BEAUFORT	2	5	1
BERTIE	4	1	0
BLADEN	2	0	0
BRUNSWICK	5	3	4
BUNCOMBE	3	9	5
BURKE	1	3	1
CABARRUS	6	15	1
CALDWELL	0	2	0
CAMDEN	0	0	1
CARTERET	2	1	1
CASWELL	1	1	0
CATAWBA	4	6	2
CHATHAM	1	1	0
CHEROKEE	0	0	0
CHOWAN	0	0	1
CLAY	0	0	0
CLEVELAND	2	5	1
COLUMBUS	1	3	2
CRAVEN	10	8	1
CUMBERLAND	17	25	12
CURRITUCK	1	1	0
DARE	0	1	0
DAVIDSON	2	8	0
DAVIE	0	1	0
DUPLIN	3	3	1
DURHAM	19	31	17
EDGECOMBE	5	4	6
FORSYTH	21	25	9
FRANKLIN	1	1	0
GASTON	4	4	7
GATES	0	0	0
GRAHAM	0	0	0
GRANVILLE	3	4	3
GREENE	0	0	0
GUILFORD	38	53	27
HALIFAX	1	1	1
HARNETT	0	4	3
HAYWOOD	1	1	0
HENDERSON	0	1	0
HERTFORD	3	5	1
HOKE	2	7	1
HYDE	0	0	0
IREDELL	3	6	0
JACKSON	0	0	1
JOHNSTON	4	5	2
JONES	0	0	0
LEE	1	7	2

COUNTY	2007 Jan-Mar	2008 Jan-Mar	2009 Jan-Mar
LENOIR	7	5	2
LINCOLN	0	1	0
MACON	0	1	1
MADISON	0	0	0
MARTIN	2	0	1
MCDOWELL	1	0	0
MECKLENBURG	103	99	80
MITCHELL	1	0	1
MONTGOMERY	1	0	1
MOORE	3	2	4
NASH	5	10	1
NEW HANOVER	9	25	3
NORTHAMPTON	2	2	1
ONSLow	3	5	3
ORANGE	4	7	1
PAMLICO	0	0	0
PASQUOTANK	1	1	1
PENDER	0	0	1
PERQUIMANS	0	2	0
PERSON	2	0	1
PITT	8	12	8
POLK	0	0	0
RANDOLPH	3	5	1
RICHMOND	6	3	2
ROBESON	9	8	7
ROCKINGHAM	1	4	3
ROWAN	7	5	3
RUTHERFORD	0	2	2
SAMPSON	0	2	3
SCOTLAND	1	2	1
STANLY	0	1	0
STOKES	1	0	0
SURRY	0	0	1
SWAIN	0	0	0
TRANSYLVANIA	1	2	2
TYRRELL	0	0	0
UNION	7	5	2
VANCE	4	5	0
WAKE	53	82	23
WARREN	0	1	0
WASHINGTON	0	0	1
WATAUGA	0	1	0
WAYNE	10	11	8
WILKES	0	2	1
WILSON	6	9	5
YADKIN	0	0	0
YANCEY	0	0	1
UNASSIGNED*	14	5	4
<b>TOTAL</b>	<b>455</b>	<b>608</b>	<b>297</b>

\* 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 March, 2007-2009 (By Date of AIDS Report)**

COUNTY	2007 Jan-Mar	2008 Jan-Mar	2009 Jan-Mar
ALAMANCE	3	1	2
ALEXANDER	0	2	0
ALLEGHANY	0	0	0
ANSON	3	0	2
ASHE	0	0	0
AVERY	0	1	1
BEAUFORT	1	1	4
BERTIE	1	0	0
BLADEN	1	0	2
BRUNSWICK	1	3	3
BUNCOMBE	3	3	7
BURKE	0	0	3
CABARRUS	2	1	1
CALDWELL	0	1	0
CAMDEN	0	0	2
CARTERET	1	1	1
CASWELL	0	1	0
CATAWBA	1	3	4
CHATHAM	1	0	0
CHEROKEE	0	0	0
CHOWAN	0	0	2
CLAY	0	0	0
CLEVELAND	2	2	3
COLUMBUS	3	4	4
CRAVEN	6	4	2
CUMBERLAND	13	10	17
CURRITUCK	0	0	1
DARE	0	0	1
DAVIDSON	1	3	2
DAVIE	0	0	0
DUPLIN	1	0	0
DURHAM	5	16	16
EDGECOMBE	3	2	6
FORSYTH	8	6	16
FRANKLIN	2	0	2
GASTON	3	3	3
GATES	0	0	0
GRAHAM	0	0	0
GRANVILLE	2	1	3
GREENE	0	0	1
GUILFORD	7	17	24
HALIFAX	2	2	3
HARNETT	1	5	2
HAYWOOD	0	0	1
HENDERSON	0	1	0
HERTFORD	2	2	2
HOKE	0	4	3
HYDE	0	0	0
IREDELL	2	3	2
JACKSON	0	0	0
JOHNSTON	2	6	2
JONES	0	1	0
LEE	1	2	6

COUNTY	2007 Jan-Mar	2008 Jan-Mar	2009 Jan-Mar
LENOIR	2	2	2
LINCOLN	0	0	0
MACON	0	0	0
MADISON	0	0	0
MARTIN	0	0	1
MCDOWELL	2	0	0
MECKLENBURG	49	44	49
MITCHELL	0	0	1
MONTGOMERY	0	0	0
MOORE	2	0	2
NASH	8	6	3
NEW HANOVER	10	6	3
NORTHAMPTON	1	0	1
ONSLow	1	0	4
ORANGE	1	1	2
PAMLICO	0	0	0
PASQUOTANK	1	1	1
PENDER	0	0	0
PERQUIMANS	0	0	0
PERSON	2	2	1
PITT	4	6	5
POLK	1	0	1
RANDOLPH	0	1	1
RICHMOND	1	3	4
ROBESON	7	7	5
ROCKINGHAM	1	4	0
ROWAN	3	5	4
RUTHERFORD	0	1	1
SAMPSON	3	0	3
SCOTLAND	1	2	1
STANLY	1	0	0
STOKES	1	0	0
SURRY	0	0	0
SWAIN	0	0	0
TRANSYLVANIA	1	0	0
TYRRELL	0	0	0
UNION	3	2	3
VANCE	1	2	2
WAKE	37	35	36
WARREN	0	0	0
WASHINGTON	0	3	0
WATAUGA	0	0	1
WAYNE	4	6	4
WILKES	0	0	0
WILSON	7	4	6
YADKIN	0	0	0
YANCEY	0	0	0
UNASSIGNED*	0	0	0
<b>TOTAL</b>	<b>239</b>	<b>255</b>	<b>303</b>

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