

North Carolina HIV/STD Quarterly Surveillance Report: Vol. 2009, No. 3

Communicable Disease Surveillance Unit

Communicable Disease Branch
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ANNOUNCEMENTS:

Readers will note a substantial increase in syphilis reports for 2009 as compared to 2008. This increase is noteworthy and represents true increases in disease morbidity. Increases in gonorrhea and 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 (North Carolina Electronic Disease Surveillance System). Reporting delays and changes in reporting processes for chlamydia and gonorrhea 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 3* 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). 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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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. Morbidity totals have increased since 2008 as a result of enhancements in laboratory reporting. 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. Morbidity totals have increased since 2008 as a result of enhancements in laboratory reporting.

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 .

NORTH CAROLINA STD/HIV REPORTS- January through September, 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	5	0.0	n/a	n/a	21	0.1
	0-9	6	0.1	8	0.1	9	0.1	n/a	n/a	23	0.1
	10-14	8	0.1	5	0.0	4	0.0	n/a	n/a	17	0.1
	15-19	487	4.4	507	4.4	434	4.2	n/a	n/a	1,428	4.3
	20-24	812	7.3	848	7.3	715	6.9	n/a	n/a	2,375	7.2
	25-29	432	3.9	412	3.6	306	3.0	n/a	n/a	1,150	3.5
	30-34	207	1.9	177	1.5	134	1.3	n/a	n/a	518	1.6
	35-39	83	0.7	114	1.0	79	0.8	n/a	n/a	276	0.8
	40-44	60	0.5	55	0.5	40	0.4	n/a	n/a	155	0.5
	45-54	38	0.3	31	0.3	36	0.3	n/a	n/a	105	0.3
	55-64	13	0.1	10	0.1	7	0.1	n/a	n/a	30	0.1
	65+	2	0.0	2	0.0	1	0.0	n/a	n/a	5	0.0
Total		2,159	19.5	2,174	18.7	1,770	17.2	n/a	n/a	6,103	18.5
Female	Age Group										
	Unknown	47	0.4	43	0.4	32	0.3	n/a	n/a	122	0.4
	0-9	13	0.1	11	0.1	6	0.1	n/a	n/a	30	0.1
	10-14	101	0.9	114	1.0	102	1.0	n/a	n/a	317	1.0
	15-19	3,560	32.1	3,545	30.6	3,396	33.0	n/a	n/a	10,501	31.8
	20-24	3,257	29.4	3,498	30.2	3,187	30.9	n/a	n/a	9,942	30.1
	25-29	1,109	10.0	1,250	10.8	1,053	10.2	n/a	n/a	3,412	10.3
	30-34	458	4.1	480	4.1	401	3.9	n/a	n/a	1,339	4.1
	35-39	192	1.7	205	1.8	176	1.7	n/a	n/a	573	1.7
	40-44	72	0.6	84	0.7	69	0.7	n/a	n/a	225	0.7
	45-54	49	0.4	44	0.4	43	0.4	n/a	n/a	136	0.4
	55-64	13	0.1	10	0.1	7	0.1	n/a	n/a	30	0.1
65+	1	0.0	2	0.0	n/a	0.0	n/a	n/a	3	0.0	
Total		8,872	80.0	9,286	80.1	8,472	82.3	n/a	n/a	26,630	80.7
Total	Age Group										
	Unknown	78	0.7	71	0.6	46	0.4	n/a	n/a	195	0.6
	0-9	19	0.2	22	0.2	15	0.1	n/a	n/a	56	0.2
	10-14	111	1.0	119	1.0	107	1.0	n/a	n/a	337	1.0
	15-19	4,058	36.6	4,080	35.2	3,840	37.3	n/a	n/a	11,978	36.3
	20-24	4,081	36.8	4,398	37.9	3,922	38.1	n/a	n/a	12,401	37.6
	25-29	1,545	13.9	1,680	14.5	1,368	13.3	n/a	n/a	4,593	13.9
	30-34	669	6.0	661	5.7	540	5.2	n/a	n/a	1,870	5.7
	35-39	276	2.5	324	2.8	257	2.5	n/a	n/a	857	2.6
	40-44	133	1.2	141	1.2	110	1.1	n/a	n/a	384	1.2
	45-54	87	0.8	76	0.7	79	0.8	n/a	n/a	242	0.7
	55-64	26	0.2	20	0.2	14	0.1	n/a	n/a	60	0.2
65+	3	0.0	4	0.0	1	0.0	n/a	n/a	8	0.0	
Total		11,086	100.0	11,596	100.0	10,299	100.0	n/a	n/a	32,981	100.0

NORTH CAROLINA STD/HIV REPORTS- January through September, 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	16	0.1	111	1.0	36	0.3	n/a	n/a	163	0.5
	White*	8	0.1	2	0.0	3	0.0	n/a	n/a	13	0.0
	Black*	26	0.2	16	0.1	18	0.2	n/a	n/a	60	0.2
	American Indian*	1	0.0	0	0.0	0	0.0	n/a	n/a	1	0.0
	Asian, Pac Islander*	0	0.0	0	0.0	0	0.0	n/a	n/a	0	0.0
	Hispanic	4	0.0	7	0.1	0	0.0	n/a	n/a	11	0.0
	Total	55	0.5	136	1.2	57	0.6	n/a	n/a	248	0.8
Male	Race/Ethnicity										
	Unknown	627	5.7	691	6.0	628	6.1	n/a	n/a	1,946	5.9
	White*	298	2.7	243	2.1	187	1.8	n/a	n/a	728	2.2
	Black*	1,029	9.3	1,074	9.3	835	8.1	n/a	n/a	2,938	8.9
	American Indian*	21	0.2	19	0.2	15	0.1	n/a	n/a	55	0.2
	Asian, Pac Islander*	10	0.1	13	0.1	6	0.1	n/a	n/a	29	0.1
	Hispanic	174	1.6	134	1.2	99	1.0	n/a	n/a	407	1.2
Total	2,159	19.5	2,174	18.7	1,770	17.2	n/a	n/a	6,103	18.5	
Female	Race/Ethnicity										
	Unknown	2,389	21.5	2,769	23.9	2,697	26.2	n/a	n/a	7,855	23.8
	White*	1,658	15.0	1,601	13.8	1,371	13.3	n/a	n/a	4,630	14.0
	Black*	4,111	37.1	4,163	35.9	3,767	36.6	n/a	n/a	12,041	36.5
	American Indian*	118	1.1	132	1.1	144	1.4	n/a	n/a	394	1.2
	Asian, Pac Islander*	55	0.5	43	0.4	41	0.4	n/a	n/a	139	0.4
	Hispanic	541	4.9	578	5.0	452	4.4	n/a	n/a	1,571	4.8
Total	8,872	80.0	9,286	80.1	8,472	82.3	n/a	n/a	26,630	80.7	
Total	Race/Ethnicity										
	Unknown	3,032	27.3	3,571	30.8	3,361	32.6	n/a	n/a	9,964	30.2
	White*	1,964	17.7	1,846	15.9	1,561	15.2	n/a	n/a	5,371	16.3
	Black*	5,166	46.6	5,253	45.3	4,620	44.9	n/a	n/a	15,039	45.6
	American Indian*	140	1.3	151	1.3	159	1.5	n/a	n/a	450	1.4
	Asian, Pac Islander*	65	0.6	56	0.5	47	0.5	n/a	n/a	168	0.5
	Hispanic	719	6.5	719	6.2	551	5.4	n/a	n/a	1,989	6.0
Total	11,086	100.0	11,596	100.0	10,299	100.0	n/a	n/a	32,981	100.0	

*non Hispanic

NORTH CAROLINA STD/HIV REPORTS- January through September, 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	3	0.1	9	0.2	n/a	n/a	18	0.2
	0-9	5	0.1	2	0.1	3	0.1	n/a	n/a	10	0.1
	10-14	4	0.1	2	0.1	5	0.1	n/a	n/a	11	0.1
	15-19	327	8.9	319	8.2	304	8.1	n/a	n/a	950	8.4
	20-24	550	14.9	557	14.3	545	14.6	n/a	n/a	1,652	14.6
	25-29	290	7.9	315	8.1	289	7.7	n/a	n/a	894	7.9
	30-34	180	4.9	166	4.3	154	4.1	n/a	n/a	500	4.4
	35-39	100	2.7	109	2.8	93	2.5	n/a	n/a	302	2.7
	40-44	61	1.7	78	2.0	62	1.7	n/a	n/a	201	1.8
	45-54	95	2.6	76	2.0	89	2.4	n/a	n/a	260	2.3
	55-64	21	0.6	28	0.7	13	0.3	n/a	n/a	62	0.5
	65+	7	0.2	4	0.1	5	0.1	n/a	n/a	16	0.1
Total		1,646	44.6	1,659	42.7	1,571	42.0	n/a	n/a	4,876	43.1
Female	Age Group										
	Unknown	7	0.2	15	0.4	15	0.4	n/a	n/a	37	0.3
	0-9	1	0.0	4	0.1	2	0.1	n/a	n/a	7	0.1
	10-14	23	0.6	24	0.6	27	0.7	n/a	n/a	74	0.7
	15-19	761	20.6	763	19.6	742	19.8	n/a	n/a	2,266	20.0
	20-24	719	19.5	802	20.6	792	21.2	n/a	n/a	2,313	20.4
	25-29	273	7.4	325	8.4	322	8.6	n/a	n/a	920	8.1
	30-34	121	3.3	139	3.6	132	3.5	n/a	n/a	392	3.5
	35-39	61	1.7	62	1.6	57	1.5	n/a	n/a	180	1.6
	40-44	32	0.9	30	0.8	30	0.8	n/a	n/a	92	0.8
	45-54	19	0.5	10	0.3	23	0.6	n/a	n/a	52	0.5
	55-64	5	0.1	5	0.1	1	0.0	n/a	n/a	11	0.1
65+	0	0.0	0	0.0	0	0.0	n/a	n/a	0	0.0	
Total		2,022	54.8	2,179	56.1	2,143	57.3	n/a	n/a	6,344	56.1
Total	Age Group										
	Unknown	15	0.4	30	0.8	28	0.7	n/a	n/a	73	0.6
	0-9	6	0.2	6	0.2	5	0.1	n/a	n/a	17	0.2
	10-14	27	0.7	26	0.7	32	0.9	n/a	n/a	85	0.8
	15-19	1,092	29.6	1,087	28.0	1,053	28.2	n/a	n/a	3,232	28.6
	20-24	1,277	34.6	1,379	35.5	1,343	35.9	n/a	n/a	3,999	35.4
	25-29	567	15.4	644	16.6	614	16.4	n/a	n/a	1,825	16.1
	30-34	302	8.2	308	7.9	289	7.7	n/a	n/a	899	7.9
	35-39	161	4.4	172	4.4	150	4.0	n/a	n/a	483	4.3
	40-44	94	2.5	108	2.8	94	2.5	n/a	n/a	296	2.6
	45-54	114	3.1	88	2.3	112	3.0	n/a	n/a	314	2.8
	55-64	26	0.7	33	0.8	14	0.4	n/a	n/a	73	0.6
65+	7	0.2	4	0.1	5	0.1	n/a	n/a	16	0.1	
Total		3,688	100.0	3,885	100.0	3,739	100.0	n/a	n/a	11,312	100.0

NORTH CAROLINA STD/HIV REPORTS- January through September, 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	5	0.1	34	0.9	15	0.4	n/a	n/a	54	0.5
	White*	4	0.1	1	0.0	2	0.1	n/a	n/a	7	0.1
	Black*	11	0.3	11	0.3	7	0.2	n/a	n/a	29	0.3
	American Indian*	0	0.0	0	0.0	0	0.0	n/a	n/a	0	0.0
	Asian, Pac Islander*	0	0.0	0	0.0	0	0.0	n/a	n/a	0	0.0
	Hispanic	0	0.0	1	0.0	1	0.0	n/a	n/a	2	0.0
	Total		20	0.5	47	1.2	25	0.7	n/a	n/a	92
Male	Race/Ethnicity										
	Unknown	409	11.1	429	11.0	443	11.8	n/a	n/a	1,281	11.3
	White*	123	3.3	125	3.2	99	2.6	n/a	n/a	347	3.1
	Black*	1,045	28.3	1,051	27.1	980	26.2	n/a	n/a	3,076	27.2
	American Indian*	22	0.6	16	0.4	15	0.4	n/a	n/a	53	0.5
	Asian, Pac Islander*	5	0.1	5	0.1	3	0.1	n/a	n/a	13	0.1
	Hispanic	42	1.1	33	0.8	31	0.8	n/a	n/a	106	0.9
Total		1,646	44.6	1,659	42.7	1,571	42.0	n/a	n/a	4,876	43.1
Female	Race/Ethnicity										
	Unknown	443	12.0	561	14.4	602	16.1	n/a	n/a	1,606	14.2
	White*	270	7.3	273	7.0	247	6.6	n/a	n/a	790	7.0
	Black*	1,214	32.9	1,264	32.5	1,224	32.7	n/a	n/a	3,702	32.7
	American Indian*	39	1.1	30	0.8	33	0.9	n/a	n/a	102	0.9
	Asian, Pac Islander*	6	0.2	6	0.2	7	0.2	n/a	n/a	19	0.2
	Hispanic	50	1.4	45	1.2	30	0.8	n/a	n/a	125	1.1
Total		2,022	54.8	2,179	56.1	2,143	57.3	n/a	n/a	6,344	56.1
Total	Race/Ethnicity										
	Unknown	857	23.2	1,024	26.4	1,060	28.3	n/a	n/a	2,941	26.0
	White*	397	10.8	399	10.3	348	9.3	n/a	n/a	1,144	10.1
	Black*	2,270	61.6	2,326	59.9	2,211	59.1	n/a	n/a	6,807	60.2
	American Indian*	61	1.7	46	1.2	48	1.3	n/a	n/a	155	1.4
	Asian, Pac Islander*	11	0.3	11	0.3	10	0.3	n/a	n/a	32	0.3
	Hispanic	92	2.5	79	2.0	62	1.7	n/a	n/a	233	2.1
Total		3,688	100.0	3,885	100.0	3,739	100.0	n/a	n/a	11,312	100.0

*non Hispanic

NORTH CAROLINA STD/HIV REPORTS- January through September, 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	0	0.0	n/a	n/a	0	0.0
	0-9	0	0.0	0	0.0	0	0.0	n/a	n/a	0	0.0
	10-14	0	0.0	0	0.0	0	0.0	n/a	n/a	0	0.0
	15-19	9	4.8	13	5.4	8	3.1	n/a	n/a	30	4.4
	20-24	25	13.2	37	15.5	42	16.4	n/a	n/a	104	15.2
	25-29	27	14.3	36	15.1	36	14.1	n/a	n/a	99	14.5
	30-34	15	7.9	26	10.9	22	8.6	n/a	n/a	63	9.2
	35-39	18	9.5	24	10.0	25	9.8	n/a	n/a	67	9.8
	40-44	20	10.6	17	7.1	21	8.2	n/a	n/a	58	8.5
	45-54	27	14.3	29	12.1	24	9.4	n/a	n/a	80	11.7
	55-64	6	3.2	10	4.2	9	3.5	n/a	n/a	25	3.7
	65+	0	0.0	2	0.8	2	0.8	n/a	n/a	4	0.6
Total		147	77.8	194	81.2	189	73.8	n/a	n/a	530	77.5
Female	Unknown	0	0.0	0	0.0	0	0.0	n/a	n/a	0	0.0
	0-9	0	0.0	0	0.0	0	0.0	n/a	n/a	0	0.0
	10-14	0	0.0	0	0.0	0	0.0	n/a	n/a	0	0.0
	15-19	3	1.6	4	1.7	10	3.9	n/a	n/a	17	2.5
	20-24	10	5.3	13	5.4	16	6.3	n/a	n/a	39	5.7
	25-29	9	4.8	7	2.9	15	5.9	n/a	n/a	31	4.5
	30-34	3	1.6	6	2.5	9	3.5	n/a	n/a	18	2.6
	35-39	8	4.2	5	2.1	7	2.7	n/a	n/a	20	2.9
	40-44	5	2.6	4	1.7	3	1.2	n/a	n/a	12	1.8
	45-54	3	1.6	5	2.1	6	2.3	n/a	n/a	14	2.0
	55-64	1	0.5	1	0.4	0	0.0	n/a	n/a	2	0.3
	65+	0	0.0	0	0.0	1	0.4	n/a	n/a	1	0.1
Total		42	22.2	45	18.8	67	26.2	n/a	n/a	154	22.5
Total	Unknown	0	0.0	0	0.0	0	0.0	n/a	n/a	0	0.0
	0-9	0	0.0	0	0.0	0	0.0	n/a	n/a	0	0.0
	10-14	0	0.0	0	0.0	0	0.0	n/a	n/a	0	0.0
	15-19	12	6.3	17	7.1	18	7.0	n/a	n/a	47	6.9
	20-24	35	18.5	50	20.9	58	22.7	n/a	n/a	143	20.9
	25-29	36	19.0	43	18.0	51	19.9	n/a	n/a	130	19.0
	30-34	18	9.5	32	13.4	31	12.1	n/a	n/a	81	11.8
	35-39	26	13.8	29	12.1	32	12.5	n/a	n/a	87	12.7
	40-44	25	13.2	21	8.8	24	9.4	n/a	n/a	70	10.2
	45-54	30	15.9	34	14.2	30	11.7	n/a	n/a	94	13.7
	55-64	7	3.7	11	4.6	9	3.5	n/a	n/a	27	3.9
	65+	0	0.0	2	0.8	3	1.2	n/a	n/a	5	0.7
Total		189	100.0	239	100.0	256	100.0	n/a	n/a	684	100.0

NORTH CAROLINA STD/HIV REPORTS- January through September, 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	0	0.0	n/a	n/a	0	0.0
	White*	0	0.0	0	0.0	0	0.0	n/a	n/a	0	0.0
	Black*	0	0.0	0	0.0	0	0.0	n/a	n/a	0	0.0
	American Indian*	0	0.0	0	0.0	0	0.0	n/a	n/a	0	0.0
	Asian, Pac Islander*	0	0.0	0	0.0	0	0.0	n/a	n/a	0	0.0
	Hispanic	0	0.0	0	0.0	0	0.0	n/a	n/a	0	0.0
	Total	0	0.0	0	0.0	0	0.0	n/a	n/a	0	0.0
Male	Race/Ethnicity										
	Unknown	1	0.5	4	1.7	4	1.6	n/a	n/a	9	1.3
	White*	29	15.3	40	16.7	43	16.8	n/a	n/a	112	16.4
	Black*	111	58.7	141	59.0	135	52.7	n/a	n/a	387	56.6
	American Indian*	1	0.5	3	1.3	1	0.4	n/a	n/a	5	0.7
	Asian, Pac Islander*	2	1.1	0	0.0	0	0.0	n/a	n/a	2	0.3
	Hispanic	3	1.6	6	2.5	6	2.3	n/a	n/a	15	2.2
Total	147	77.8	194	81.2	189	73.8	n/a	n/a	530	77.5	
Female	Race/Ethnicity										
	Unknown	0	0.0	2	0.8	2	0.8	n/a	n/a	4	0.6
	White*	9	4.8	9	3.8	15	5.9	n/a	n/a	33	4.8
	Black*	30	15.9	30	12.6	45	17.6	n/a	n/a	105	15.4
	American Indian*	0	0.0	1	0.4	0	0.0	n/a	n/a	1	0.1
	Asian, Pac Islander*	0	0.0	0	0.0	1	0.4	n/a	n/a	1	0.1
	Hispanic	3	1.6	3	1.3	4	1.6	n/a	n/a	10	1.5
Total	42	22.2	45	18.8	67	26.2	n/a	n/a	154	22.5	
Total	Race/Ethnicity										
	Unknown	1	0.5	6	2.5	6	2.3	n/a	n/a	13	1.9
	White*	38	20.1	49	20.5	58	22.7	n/a	n/a	145	21.2
	Black*	141	74.6	171	71.5	180	70.3	n/a	n/a	492	71.9
	American Indian*	1	0.5	4	1.7	1	0.4	n/a	n/a	6	0.9
	Asian, Pac Islander*	2	1.1	0	0.0	1	0.4	n/a	n/a	3	0.4
	Hispanic	6	3.2	9	3.8	10	3.9	n/a	n/a	25	3.7
Total	189	100.0	239	100.0	256	100.0	n/a	n/a	684	100.0	

*non Hispanic

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

YEAR TO DATE	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2007 Jan-Sep	2008 Jan-Sep	2009 Jan-Sep	2007 Jan-Sep	2008 Jan-Sep	2009 Jan-Sep	2007 Jan-Sep	2008 Jan-Sep	2009 Jan-Sep	2007 Jan-Sep	2008 Jan-Sep	2009 Jan-Sep
ALAMANCE	334	357	425	159	106	170	5	3	0	1	1	4
ALEXANDER	27	46	61	9	6	11	0	0	0	0	0	0
ALLEGHANY	2	6	8	0	0	0	0	0	0	0	0	0
ANSON	96	107	169	56	68	141	0	0	0	0	2	0
ASHE	9	16	20	1	1	1	0	0	0	0	0	0
AVERY	5	8	9	0	2	1	0	0	0	0	0	0
BEAUFORT	137	75	189	61	19	74	0	0	1	0	0	0
BERTIE	85	88	95	34	25	43	0	0	0	0	0	0
BLADEN	104	78	164	24	17	44	0	0	1	0	0	4
BRUNSWICK	164	95	190	57	35	33	1	1	0	3	4	2
BUNCOMBE	423	391	549	144	104	121	3	1	7	2	0	4
BURKE	90	156	224	39	52	48	2	0	1	0	0	0
CABARRUS	425	399	533	160	90	117	1	1	4	1	2	2
CALDWELL	111	143	124	65	42	24	0	1	0	0	0	0
CAMDEN	15	9	11	4	4	3	0	0	1	0	0	0
CARTERET	100	95	179	27	14	27	0	0	0	2	0	0
CASWELL	23	35	60	17	9	22	0	0	0	0	0	0
CATAWBA	289	343	407	147	134	110	2	1	3	0	0	0
CHATHAM	61	48	110	30	10	19	1	0	0	0	0	2
CHEROKEE	33	22	15	1	0	1	0	0	0	0	0	0
CHOWAN	38	26	60	21	12	26	0	0	0	0	0	0
CLAY	6	8	8	2	1	0	0	0	0	0	0	0
CLEVELAND	242	313	308	132	152	111	2	3	3	1	1	0
COLUMBUS	116	124	206	51	32	61	0	0	1	2	1	0
CRAVEN	310	228	440	81	87	88	6	2	2	5	1	2
CUMBERLAND	1,743	1,942	2,236	895	982	839	9	8	7	3	3	8
CURRITUCK	26	26	32	8	11	20	0	0	1	0	0	0
DARE	41	19	54	10	7	12	0	0	1	0	0	0
DAVIDSON	239	173	368	93	36	53	0	0	2	1	0	1
DAVIE	38	59	78	24	14	13	0	2	0	1	0	0
DUPLIN	150	134	161	54	17	53	0	0	2	2	1	0
DURHAM	804	1,265	1,051	436	649	411	23	18	22	13	10	10
EDGECOMBE	379	405	453	224	214	204	2	3	9	6	8	7
FORSYTH	1,627	1,863	2,297	553	521	627	5	19	98	9	16	51
FRANKLIN	110	90	129	57	31	64	1	1	0	3	1	1
GASTON	527	544	539	240	302	272	4	5	7	2	0	6
GATES	24	26	27	9	8	8	0	1	0	0	0	0
GRAHAM	4	14	7	0	0	0	0	0	0	0	0	0
GRANVILLE	123	176	172	40	79	46	1	0	1	0	1	3
GREENE	77	81	95	39	19	33	1	0	2	1	0	0
GUILFORD	1,682	2,088	1,896	1,032	946	712	18	28	31	11	13	13
HALIFAX	362	254	317	162	76	144	1	2	0	2	0	1
HARNETT	187	122	268	98	94	73	0	0	0	1	0	1
HAYWOOD	49	33	83	10	2	13	0	0	0	0	0	1
HENDERSON	106	82	97	35	29	19	0	0	2	0	0	2
HERTFORD	73	60	134	25	17	65	0	0	0	0	0	1
HOKE	83	171	158	21	77	51	0	1	0	0	0	1
HYDE	12	8	12	2	1	2	0	0	1	0	0	0
IREDELL	233	338	385	163	167	187	0	0	2	1	1	0
JACKSON	48	76	96	7	15	5	0	1	2	0	0	0
JOHNSTON	190	368	296	100	168	102	5	1	2	5	3	2

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

YEAR TO DATE	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2007 Jan-Sep	2008 Jan-Sep	2009 Jan-Sep	2007 Jan-Sep	2008 Jan-Sep	2009 Jan-Sep	2007 Jan-Sep	2008 Jan-Sep	2009 Jan-Sep	2007 Jan-Sep	2008 Jan-Sep	2009 Jan-Sep
JONES	27	17	29	9	4	9	0	0	0	0	0	0
LEE	126	90	190	42	30	39	0	0	3	0	1	0
LENOIR	242	189	261	111	81	90	3	0	3	2	2	0
LINCOLN	84	104	131	17	28	30	1	0	1	0	0	0
MACON	26	33	26	1	1	1	0	0	1	0	0	0
MADISON	14	29	17	3	6	4	0	0	1	0	0	2
MARTIN	101	98	130	27	31	52	1	1	1	0	1	0
MCDOWELL	38	79	69	20	28	23	0	0	1	1	0	0
MECKLENBURG	1,310	3,459	4,619	721	1,644	1,664	70	30	85	28	29	44
MITCHELL	8	14	10	0	2	0	0	0	0	0	0	0
MONTGOMERY	45	69	50	14	17	19	0	0	0	0	0	0
MOORE	161	180	142	50	63	73	2	1	2	0	2	1
NASH	334	502	448	203	238	185	6	8	4	6	3	1
NEW HANOVER	524	753	696	206	310	237	13	6	5	16	11	5
NORTHAMPTON	118	61	106	43	30	55	0	1	0	0	0	0
ONSLow	725	842	809	127	241	214	1	0	0	1	2	1
ORANGE	180	230	286	60	56	56	4	2	4	2	0	3
PAMLICO	20	17	25	2	2	4	0	0	0	0	0	0
PASQUOTANK	112	130	198	62	55	113	0	0	1	0	0	0
PENDER	82	136	104	31	31	24	0	3	0	1	2	0
PERQUIMANS	38	26	58	14	8	21	0	0	0	0	0	0
PERSON	64	92	97	31	21	23	0	0	0	0	0	0
PITT	661	918	1,001	304	407	443	3	7	4	2	2	4
POLK	22	23	14	6	5	3	0	0	1	0	0	0
RANDOLPH	171	166	230	40	29	36	0	1	1	1	0	3
RICHMOND	149	130	243	83	46	127	0	1	0	0	0	0
ROBESON	592	754	800	291	480	366	5	0	2	8	4	1
ROCKINGHAM	165	239	255	76	82	71	2	1	0	2	1	1
ROWAN	280	288	448	134	152	178	2	0	3	1	0	2
RUTHERFORD	121	169	140	72	58	22	0	0	1	1	0	1
SAMPSON	128	113	187	101	34	55	1	0	1	2	1	0
SCOTLAND	176	106	142	92	30	82	1	0	0	0	1	0
STANLY	78	116	196	31	22	88	2	0	0	1	1	0
STOKES	64	72	57	16	8	12	0	1	2	0	2	0
SURRY	49	84	81	6	13	16	0	1	0	0	1	1
SWAIN	27	20	13	0	4	0	0	0	0	0	0	0
TRANSYLVANIA	18	42	55	14	12	15	1	0	1	0	0	0
TYRRELL	11	20	19	2	8	7	0	0	0	0	0	0
UNION	157	211	379	109	83	165	0	0	2	0	1	2
UNKNOWN	0	0	0	0	0	0	0	0	0	0	1	0
VANCE	208	236	272	112	127	114	0	0	2	0	0	2
WAKE	2,072	2,704	2,586	713	913	751	22	19	49	10	9	31
WARREN	94	32	88	39	27	32	0	0	2	0	0	0
WASHINGTON	56	60	58	15	23	24	0	0	0	0	0	1
WATAUGA	12	56	64	1	6	5	0	0	0	0	0	0
WAYNE	266	511	517	80	181	243	7	12	26	5	11	17
WILKES	51	90	122	4	13	13	0	0	0	0	1	0
WILSON	342	327	441	269	134	170	1	3	3	2	0	3
YADKIN	40	27	55	16	9	9	1	0	0	0	0	1
YANCEY	8	16	12	2	2	5	0	0	0	0	0	0
TOTAL	22,579	28,313	32,981	10,081	11,339	11,312	242	201	428	170	158	256

NORTH CAROLINA HIV CASES- January through September, 2007-2009

HIV By County	2007 Jan-Sep	2008 Jan-Sep	2009 Jan-Sep
ALAMANCE	19	32	6
ALEXANDER	1	4	2
ALLEGHANY	2	0	0
ANSON	0	5	3
ASHE	3	1	0
AVERY	1	1	2
BEAUFORT	7	10	4
BERTIE	4	5	1
BLADEN	3	3	17
BRUNSWICK	7	6	11
BUNCOMBE	22	28	19
BURKE	5	8	9
CABARRUS	10	26	32
CALDWELL	1	5	1
CAMDEN	0	0	5
CARTERET	2	4	3
CASWELL	4	3	6
CATAWBA	13	16	7
CHATHAM	5	5	7
CHEROKEE	3	0	0
CHOWAN	0	2	1
CLAY	0	0	1
CLEVELAND	9	11	14
COLUMBUS	11	8	7
CRAVEN	16	11	5
CUMBERLAND	76	81	51
CURRITUCK	3	1	1
DARE	1	3	1
DAVIDSON	9	19	17
DAVIE	1	1	0
DUPLIN	7	7	6
DURHAM	63	95	64
EDGECOMBE	18	10	18
FORSYTH	70	65	68
FRANKLIN	2	7	9
GASTON	19	27	31
GATES	1	3	2
GRAHAM	0	0	0
GRANVILLE	5	17	9
GREENE	2	0	1
GUILFORD	140	135	98
HALIFAX	8	9	5
HARNETT	7	10	18
HAYWOOD	4	6	1
HENDERSON	5	2	6
HERTFORD	7	8	2
HOKE	5	12	6
HYDE	0	0	0
IREDELL	6	12	6
JACKSON	0	3	1
JOHNSTON	9	19	19
JONES	0	0	6
LEE	5	9	2

HIV By County	2007 Jan-Sep	2008 Jan-Sep	2009 Jan-Sep
LENOIR	19	10	5
LINCOLN	3	2	3
MACON	0	2	1
MADISON	0	1	0
MARTIN	8	0	0
MCDOWELL	1	0	2
MECKLENBURG	303	323	302
MITCHELL	1	0	3
MONTGOMERY	3	4	2
MOORE	8	10	7
NASH	14	21	8
NEW HANOVER	29	38	17
NORTHAMPTON	3	9	3
ONSLow	10	16	6
ORANGE	12	13	5
PAMLICO	0	2	0
PASQUOTANK	5	6	1
PENDER	3	4	3
PERQUIMANS	0	2	2
PERSON	8	1	2
PITT	30	30	24
POLK	1	1	1
RANDOLPH	9	10	4
RICHMOND	13	6	7
ROBESON	35	25	26
ROCKINGHAM	3	10	5
ROWAN	18	17	13
RUTHERFORD	0	5	3
SAMPSON	4	6	6
SCOTLAND	2	8	3
STANLY	6	2	4
STOKES	3	1	1
SURRY	1	3	5
SWAIN	0	0	0
TRANSYLVANIA	2	1	3
TYRRELL	0	0	0
UNION	17	15	19
VANCE	10	8	2
WAKE	165	207	137
WARREN	2	3	1
WASHINGTON	7	4	3
WATAUGA	0	2	1
WAYNE	15	13	14
WILKES	4	6	1
WILSON	15	19	19
YADKIN	0	2	0
YANCEY	1	0	2
UNASSIGNED*	86	67	71
TOTAL	1,500	1,690	1,358

* 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 September, 2007-2009

AIDS BY COUNTY	2007 Jan-Sep	2008 Jan-Sep	2009 Jan-Sep
ALAMANCE	7	6	7
ALEXANDER	0	3	2
ALLEGHANY	0	0	0
ANSON	0	4	2
ASHE	0	0	0
AVERY	1	1	1
BEAUFORT	1	6	7
BERTIE	3	2	3
BLADEN	2	4	4
BRUNSWICK	4	4	6
BUNCOMBE	4	6	12
BURKE	0	4	6
CABARRUS	5	4	12
CALDWELL	1	3	0
CAMDEN	0	0	3
CARTERET	1	2	2
CASWELL	2	0	0
CATAWBA	7	7	9
CHATHAM	2	2	1
CHEROKEE	2	1	0
CHOWAN	0	2	5
CLAY	0	0	0
CLEVELAND	7	5	9
COLUMBUS	8	7	7
CRAVEN	9	8	8
CUMBERLAND	35	36	34
CURRITUCK	0	0	3
DARE	0	1	3
DAVIDSON	3	10	9
DAVIE	0	0	0
DUPLIN	3	5	2
DURHAM	26	43	32
EDGECOMBE	9	9	15
FORSYTH	22	17	47
FRANKLIN	3	1	7
GASTON	6	10	21
GATES	0	1	2
GRAHAM	0	0	0
GRANVILLE	3	4	8
GREENE	0	0	2
GUILFORD	38	52	63
HALIFAX	4	8	8
HARNETT	4	8	10
HAYWOOD	1	4	2
HENDERSON	4	1	4
HERTFORD	4	2	5
HOKE	2	6	4
HYDE	0	0	0
IREDELL	3	5	5
JACKSON	0	0	1
JOHNSTON	7	15	16
JONES	0	1	4
LEE	5	3	8

AIDS BY COUNTY	2007 Jan-Sep	2008 Jan-Sep	2009 Jan-Sep
LENOIR	9	8	9
LINCOLN	0	2	0
MACON	0	0	0
MADISON	0	0	0
MARTIN	2	0	4
MCDOWELL	2	0	1
MECKLENBURG	128	102	163
MITCHELL	0	0	1
MONTGOMERY	0	2	1
MOORE	6	6	4
NASH	10	11	12
NEW HANOVER	18	15	9
NORTHAMPTON	1	4	3
ONSLow	4	5	4
ORANGE	2	3	3
PAMLICO	0	0	0
PASQUOTANK	3	3	1
PENDER	0	1	1
PERQUIMANS	1	1	2
PERSON	5	2	2
PITT	16	17	15
POLK	1	0	1
RANDOLPH	4	3	2
RICHMOND	4	5	7
ROBESON	21	15	7
ROCKINGHAM	3	6	1
ROWAN	5	7	8
RUTHERFORD	1	1	1
SAMPSON	6	1	4
SCOTLAND	2	6	2
STANLY	3	0	2
STOKES	2	0	0
SURRY	0	3	0
SWAIN	0	0	0
TRANSYLVANIA	1	0	1
TYRRELL	0	0	0
UNION	6	5	9
VANCE	4	3	4
WAKE	94	102	100
WARREN	1	0	0
WASHINGTON	3	3	1
WATAUGA	0	1	2
WAYNE	5	7	9
WILKES	2	0	0
WILSON	11	10	16
YADKIN	0	1	0
YANCEY	1	0	0
UNASSIGNED*	49	38	55
TOTAL	684	722	888

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