



**2008 HIV/STD
Surveillance Report
Communicable Disease Branch**

(Revised 12/09)



N.C. Division of Public Health
N.C. Department of Health & Human Services

Please direct any questions or comments to:

Communicable Disease Surveillance Unit
1902 Mail Service Center
Raleigh, North Carolina 27699-1902
919-733-7301

www.epi.state.nc.us/epi/hiv



State of North Carolina • Beverly Eaves Perdue, Governor
Department of Health and Human Services
Lanier M. Cansler, Secretary
Jeffrey P. Engel, M.D., State Health Director
Division of Public Health • www.ncdhhs.gov
NC DHHS is an equal opportunity employer and provider
06/09 (Revised 12/09)

Technical Notes

Readers should note that fluctuations in the number of disease reports per year may be influenced by reporting issues. These issues may vary by disease. Readers should also be aware that HIV and AIDS data are presented differently than in previous years. Some HIV and AIDS data are presented by date of diagnosis rather than date of report. Please see the individual surveillance disease notes below for more information.

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 these 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 content of this report

This document, the *North Carolina 2008 HIV/STD Surveillance Report*, includes summary tables of surveillance reports and other information for syphilis, gonorrhea, Chlamydia, HIV disease, and AIDS. In some instances, total numbers of reports may not agree between separate cross-tabulations due to missing values for some variables.

Rates are presented for several categories of race/ethnicity, age groups and gender for each disease. Rates are also presented for counties and regions across the state. Rates are expressed as cases per 100,000 population. Rate denominators were calculated using the bridged race population estimates from the National Center for Health Statistics that were available at publication. Because bridged race population estimates were unavailable for 2008, 2007 estimates were used as denominators in rate calculation for 2008. Thus, the 2008 rates should be considered *preliminary* rates. More information about bridged race categories is available at the website, <http://www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm>.

Rates that are based on small numbers of cases (generally fewer than 20) should be viewed with caution and are considered unreliable because these rates have large standard errors and confidence intervals that can be wider than the rates themselves. For a more complete discussion of rates based on small numbers, please see the North Carolina Center for Health Statistics' publication, *Statistical*

Primer No.12 “Problems with Rates Based on Small Numbers” by Paul Buescher. This publication is available at the website, <http://www.schs.state.nc.us/SCHS/>.

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. Cases are counted by the date of diagnosis or by the date of report for the initial diagnosis. **AIDS** (acquired immunodeficiency syndrome) **case reports**, by contrast, represent only persons with HIV infection who have progressed to this later, more life threatening, stage of disease. AIDS cases are counted by the date of AIDS diagnosis or the date of AIDS report. Most AIDS case reports represent persons who were diagnosed with HIV infection in earlier years. In North Carolina, about one-fourth to one-third of the new HIV disease reports represent persons who are diagnosed with HIV infection and AIDS at the same time (concurrent). This group of concurrent diagnoses can represent up to half of our AIDS reports for the same year. Therefore, 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 category of HIV disease includes AIDS cases that are counted by the initial diagnosis of HIV infection.

Notice of changes in this report

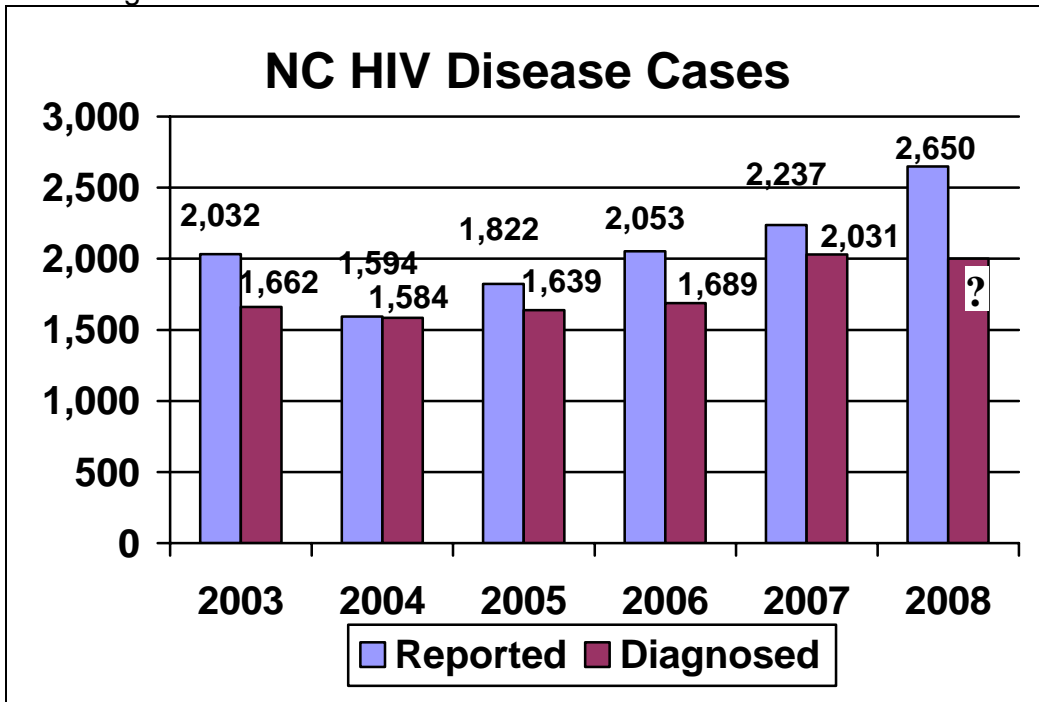
- **HIV disease cases diagnosed in prisons are not included in county totals.**

Geographically, cases are counted by the county of residence for the patient at diagnosis. Patients who are residents of a long-term facility such as prisons or other institutions are counted by the address of the facility. This causes the case counts for counties with large institutions to be higher than otherwise expected. People with HIV disease in the prisons play different roles in the epidemic of HIV/AIDS from other residents in the county. In this annual report, person diagnosed in long-term prison setting are excluded from county case totals and rates. These cases are, however, included in state totals.

- **Year of report versus year of diagnosis**

HIV disease is unlike most communicable diseases in that it is chronic in nature. Failure of providers to initially report cases and change in residence after initial diagnosis can complicate case counting. Therefore enhanced surveillance activities may artificially fluctuate the number of case reports counted by date of report. Tables 3, 5 - 7, and tables 12-17 now display cases by date of diagnosis rather than date of report. Counting cases by the date of initial diagnosis improves the analysis of the epidemic. This can be illustrated by the graph below. This graph displays case reports counted by the date of first report to the local health department (and state) compared to the date of initial diagnosis.

Note the fluctuations in report totals when counted by date of report. This has occurred because of enhanced surveillance activities. In 2003 and 2006, active follow up with providers of laboratory reports received at the central state office yielded several prevalent cases being reported that had not been reported at initial diagnosis.



Also in 2008, through a special collaborative project with one of our larger infectious disease clinics, we identified several prevalent cases of HIV and AIDS that had not been reported to the local health departments and the state. These cases were added to the surveillance system in late 2008. These cases generally represented older diagnoses, some dating back many years. Thus the report totals for HIV and AIDS in 2008 do not necessarily represent estimates of new diagnoses. Without these newly added prevalent cases, disease totals would be similar to those noted in recent years. Following cases by date of diagnosis gives a much better picture of the true increases in new diagnoses.

Tabulating case totals by date of diagnosis does delay the reporting of disease information. It takes at least six months from diagnosis for most cases reports to be verified and fully recorded in surveillance databases. Therefore, tables in this report by date of diagnosis only include cases diagnosed through 2007. As 2008 data is available it will be published in other reports.

In this annual report, the year of HIV disease diagnosis will be used in tables 3, 5 to 7, and tables 12-17. Because the complete diagnosis information usually takes 6 month to enter surveillance system, the HIV disease and AIDS diagnosed in 2008 was not listed in this annual report. In order to give readers the most recent

information, we continue displaying some tables based on the year of case report including tables 1, 2 and 4. The county rankings for HIV disease (Table 3) and AIDS cases (Table 5) are based on three-year average rates. Averaging rates helps improve the reliability of rates for counties with small numbers of annual cases.

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. The North Carolina STD Surveillance data system has undergone extensive changes in 2008 as North Carolina implements North Carolina Electronic Disease Surveillance System (NC EDSS). During this transition, Chlamydia morbidity counts for some counties may have been affected. Report totals for 2008 should be considered with this in mind. Reports are summarized by the date received in the Communicable Disease Surveillance Unit office rather than by date of diagnosis.

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. During the transition to NC EDSS, Gonorrhea morbidity counts for some counties may have been affected. Report totals for 2008 should be considered with this in mind. Reports are summarized by the date received in the Communicable Disease Surveillance Unit office rather than by date of diagnosis.

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 Communicable Disease Surveillance Unit. 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). However, thorough contact tracing further aids in case detection and reduces these biases. Reports are summarized by the date received in the Communicable Disease Surveillance Unit office rather than by date of diagnosis.

For more information

For a more detailed discussion of the content, strengths, and weaknesses of STD and HIV surveillance data, please see Appendix B of the most recent *HIV/STD Prevention & Community Planning Epidemiologic Profile for North Carolina*. Recent trend information can also be found on the fact sheets available at the web site, <http://www.epi.state.nc.us/epi/hiv/surveillance.html>.

Table of Contents

Technical Notes.....	i
Highlight Page.....	1
Table 1. North Carolina HIV/AIDS Cases Living as of 12/31/08 by Current Report Status.....	3
Table 2. North Carolina HIV Disease Cases by Year Reported.....	4
Table 3. North Carolina AIDS by Year Reported.....	6
*Table 4. North Carolina HIV Disease Cases by County Rank Order (by Year Diagnosed).....	8
*Table 5. North Carolina AIDS Cases by County Rank Order. (by Year Diagnosed).....	10
*Table 6. North Carolina HIV Disease Cases by County/Year of First Diagnosis, 2004-2008.....	12
*Table 7. North Carolina AIDS Cases by County/Year of AIDS Diagnosis, 2004-2008.....	14
Table 8. North Carolina Chlamydia Cases by County of Report, 2004-2008.....	16
Table 9. North Carolina Gonorrhea Cases by County of Report, 2004-2008.....	18
Table 10. North Carolina Primary and Secondary Syphilis Cases by County of Report, 2004-2008.....	20
Table 11. North Carolina Early Syphilis Cases by County of Report, 2004-2008.....	22
*Table 12. N.C Adult/Adolescent HIV Disease Cases by Gender and Race/Ethnicity, 2004-2008.....	24
*Table 13. N.C Adult/Adolescent HIV Disease Cases by Gender and Age, 2004-2008.....	25
*Table 14. N.C Adult/Adolescent HIV Disease Cases by Gender and Mode, 2004-2008.....	27
*Table 15. N.C Adult/Adolescent AIDS Cases by Gender and Race/Ethnicity, 2004-2008.....	28
*Table 16. N.C Adult/Adolescent AIDS Cases by Gender and Age, 2004-2008.....	29
*Table 17. N.C Adult/Adolescent AIDS Cases by Gender and Mode, 2004-2008.....	31
Table 18. North Carolina Chlamydia Cases by Gender and Race/Ethnicity, 2004-2008.....	32
Table 19. North Carolina Chlamydia Cases by Gender and Age, 2004-2008.....	32
Table 20. North Carolina Gonorrhea Cases by Gender and Race/Ethnicity, 2004-2008.....	35
Table 21. North Carolina Gonorrhea Cases by Gender and Age, 2004-2008.....	37
Table 22. North Carolina Primary and Secondary Syphilis by Gender and Race/Ethnicity, 2004-2008.....	38
Table 23. North Carolina Primary and Secondary Syphilis by Gender and Age, 2004-2008.....	39
Table 24. North Carolina Early Syphilis Cases by Gender and Race/Ethnicity, 2004-2008.....	40
Table 25. North Carolina Early Syphilis Cases by Gender and Age, 2004-2008.....	42
Table 26. North Carolina Congenital Syphilis Cases by Race/Ethnicity, 2004-2008.....	44
Table 27. North Carolina Likely Perinatal Cases by Year of Birth, 1999-2008.....	44

(* -Updated Tables with 2008 Data)

Map

North Carolina Communicable Disease Branch Regions.....	back cover
---	------------

Highlights

- As of December 31, 2008, the estimated number of living HIV/AIDS cases reported in NC was 23,356 (Table 1)
- As of December 31, 2008, the cumulative number of HIV disease cases reported in NC was 35,346 (Table 2).
- As of December 31, 2008, the cumulative number of AIDS cases reported in NC was 17,995 (Table 3).
- The three-year (2005-2007) average rate of diagnosed HIV disease in NC was 20.1 per 100,000 population. The top five counties with highest rates were Mecklenburg (41.8 per 100,000), Edgecombe (40.2 per 100,000), Durham (34.7 per 100,000), Washington (33.3 per 100,000) and Lenoir County (33.3 per 100,000) (Table 4).
- Among the HIV disease cases diagnosed in 2007, African Americans represented 62% of all cases with a rate of 79.5 per 100,000 adult/adolescent population. The highest rate (113.6 per 100,000) was among adult/adolescent African American males (Table 12).
- The reported number of early syphilis cases in NC in 2008 was 509, with a rate of 5.6 per 100,000 population (Table 11).
- The top five counties reporting most early syphilis cases in 2008 are Mecklenburg (91), Guilford (50), Forsyth (46), Durham (39), and Wake County (37) (Table 11).
- African American males represented 55% of total early syphilis cases (Table 24).
- The reported number of gonorrhea cases in 2008 was 14,866 (Table 9).
- In 2008, African American males and females had highest gonorrhea rates (490.1 and 473.4 per 100,000 respectively), and represented 30% and 33% of total cases. American Indian females ranked the third with rate of 351.2 per 100,000 population (Table 20).
- The reported number of Chlamydia cases in 2008 was 37,555. (Table 8).
- In 2008 among female Chlamydia reports, the age groups with highest rates was 20-24 year olds (4,040.6 per 100,000) followed by 15-19 year olds (3,968.6 per 100,000) (Table 19).

This page is intentionally blank

**Table 1. North Carolina HIV/AIDS Cases Living as of 12/31/08
by Current Report Status and County of Residence**

COUNTY	HIV	AIDS	TOTAL
ALAMANCE	192	107	299
ALEXANDER	16	13	29
ALLEGHANY	2	0	2
ANSON	20	38	58
ASHE	6	3	9
AVERY	4	4	8
BEAUFORT	54	49	103
BERTIE	30	42	72
BLADEN	33	36	69
BRUNSWICK	67	60	127
BUNCOMBE	251	193	444
BURKE	36	37	73
CABARRUS	121	64	185
CALDWELL	18	20	38
CAMDEN	3	8	11
CARTERET	27	24	51
CASWELL	20	10	30
CATAWBA	90	91	181
CHATHAM	49	20	69
CHEROKEE	7	8	15
CHOWAN	14	16	30
CLAY	4	0	4
CLEVELAND	106	66	172
COLUMBUS	84	71	155
CRAVEN	111	118	229
CUMBERLAND	742	381	1,123
CURRITUCK	11	7	18
DARE	17	14	31
DAVIDSON	123	73	196
DAVIE	13	13	26
DUPLIN	70	83	153
DURHAM	875	469	1,344
EDGECOMBE	139	116	255
FORSYTH	751	383	1,134
FRANKLIN	44	41	85
GASTON	279	147	426
GATES	7	3	10
GRAHAM	1	2	3
GRANVILLE	84	50	134
GREENE	24	34	58
GUILFORD	1,140	563	1,703
HALIFAX	70	76	146
HARNETT	78	83	161
HAYWOOD	21	30	51
HENDERSON	31	46	77
HERTFORD	27	40	67
HOKE	53	50	103
HYDE	1	6	7
IREDELL	58	48	106
JACKSON	11	12	23
JOHNSTON	155	137	292
JONES	9	6	15
LEE	104	41	145

COUNTY	HIV	AIDS	TOTAL
LENOIR	144	110	254
LINCOLN	30	21	51
MACON	11	13	24
MADISON	11	4	15
MARTIN	42	36	78
MCDOWELL	5	14	19
MECKLENBURG	2,709	1,355	4,064
MITCHELL	4	4	8
MONTGOMERY	21	18	39
MOORE	90	56	146
NASH	134	123	257
NEW HANOVER	354	255	609
NORTHAMPTON	33	30	63
ONSLow	118	82	200
ORANGE	191	85	276
PAMLICO	12	6	18
PASQUOTANK	45	36	81
PENDER	25	34	59
PERQUIMANS	16	12	28
PERSON	38	19	57
PITT	241	235	476
POLK	11	9	20
RANDOLPH	88	50	138
RICHMOND	81	39	120
ROBESON	213	173	386
ROCKINGHAM	86	40	126
ROWAN	112	101	213
RUTHERFORD	29	27	56
SAMPSON	67	64	131
SCOTLAND	66	42	108
STANLY	46	21	67
STOKES	19	13	32
SURRY	29	19	48
SWAIN	5	10	15
TRANSYLVANIA	15	9	24
TYRRELL	3	2	5
UNION	82	55	137
VANCE	86	63	149
WAKE	1,263	1,170	2,433
WARREN	24	10	34
WASHINGTON	23	30	53
WATAUGA	10	9	19
WAYNE	119	135	254
WILKES	21	16	37
WILSON	149	148	297
YADKIN	11	14	25
YANCEY	2	6	8
NC TOTAL*	14,045	9,318	23,363

*Total includes cases with unknown county of residence at diagnosis or cases that were diagnosed at a long-term care facility such as prisons (See Technical Notes)

Table 2. North Carolina HIV Disease† Cases by Year Reported

COUNTY	83-90	91-96	97-02	2003	2004	2005	2006	2007	2008	CUMULATIVE
ALAMANCE	25	125	89	24	19	29	18	23	93	445
ALEXANDER	1	11	9	1	3	4	2	2	4	37
ALLEGHANY	0	0	0	0	0	0	0	2	0	2
ANSON	4	51	20	1	3	0	6	0	5	90
ASHE	0	1	2	0	1	0	2	3	1	10
AVERY	2	3	3	0	0	0	0	1	2	11
BEAUFORT	18	57	45	5	5	9	6	10	11	166
BERTIE	8	24	46	2	9	7	5	4	8	113
BLADEN	7	33	26	12	5	3	8	5	5	104
BRUNSWICK	8	47	52	19	16	10	8	15	20	195
BUNCOMBE	41	277	195	23	19	21	27	48	37	688
BURKE	8	37	20	5	1	9	2	8	6	96
CABARRUS	23	96	62	19	7	18	18	14	27	284
CALDWELL	5	34	10	2	1	5	3	2	7	69
CAMDEN	0	7	10	1	0	2	1	1	0	22
CARTERET	12	39	11	7	6	0	2	4	9	90
CASWELL	0	14	8	3	1	0	1	4	9	40
CATAWBA	20	83	72	21	9	9	15	28	19	276
CHATHAM	5	35	22	6	6	3	1	8	20	106
CHEROKEE	1	8	3	1	0	2	2	4	3	24
CHOWAN	3	17	10	2	1	3	0	0	3	39
CLAY	0	1	2	0	1	1	1	1	0	7
CLEVELAND	21	107	68	14	20	26	14	18	12	300
COLUMBUS	18	83	71	22	7	16	13	15	12	257
CRAVEN	31	121	85	24	10	12	22	18	17	340
CUMBERLAND	135	570	360	92	66	76	131	128	166	1,724
CURRITUCK	2	7	8	2	1	1	3	3	1	28
DARE	5	14	14	3	7	1	2	1	3	50
DAVIDSON	24	98	73	12	13	18	13	14	22	287
DAVIE	4	16	15	0	1	2	1	2	1	42
DUPLIN	14	68	66	20	15	15	14	12	12	236
DURHAM	171	761	547	91	71	111	97	92	189	2,130
EDGECOMBE	15	129	99	38	21	18	27	24	16	387
FORSYTH	136	492	507	132	90	92	94	87	80	1,710
FRANKLIN	11	38	33	7	5	7	16	3	14	134
GASTON	58	315	188	36	19	32	33	33	25	739
GATES	0	3	4	2	0	0	0	1	3	13
GRAHAM	0	2	1	0	1	0	0	0	0	4
GRANVILLE	17	66	35	18	9	15	6	9	22	197
GREENE	3	33	30	1	2	4	4	2	0	79
GUILFORD	156	844	732	108	118	121	157	203	159	2,598
HALIFAX	20	105	75	9	6	9	10	10	21	265
HARNETT	12	84	48	13	12	9	21	8	33	240
HAYWOOD	6	27	16	0	2	9	2	7	5	74
HENDERSON	12	48	40	3	3	3	3	12	7	131
HERTFORD	11	34	33	7	5	3	2	10	12	117
HOKE	8	44	39	7	1	6	13	8	21	147
HYDE	0	3	2	2	2	1	0	0	0	10
IREDELL	14	65	42	13	9	12	14	8	11	188
JACKSON	2	8	4	0	1	2	5	1	4	27
JOHNSTON	30	138	115	21	12	22	28	14	62	442
JONES	0	11	9	1	2	1	0	0	1	25
LEE	11	49	61	9	11	5	12	9	27	194
LENOIR	26	159	123	18	11	24	21	22	13	417

Table 2. (Continued) North Carolina HIV Disease† Cases by Year Reported

COUNTY	83-90	91-96	97-02	2003	2004	2005	2006	2007	2008	CUMULATIVE
LINCOLN	4	22	24	8	5	2	2	4	3	74
MACON	2	10	9	1	2	4	1	2	2	33
MADISON	1	7	6	1	1	0	2	1	1	20
MARTIN	4	36	36	10	5	7	8	10	0	116
MCDOWELL	5	14	8	0	1	0	2	1	0	31
MECKLENBURG	456	1,918	1,420	428	341	319	384	490	375	6,131
MITCHELL	1	5	4	0	0	0	0	1	0	11
MONTGOMERY	4	19	15	1	5	3	1	3	8	59
MOORE	16	51	64	11	7	13	13	11	37	223
NASH	21	147	108	18	12	23	25	20	30	404
NEW HANOVER	54	258	255	55	47	62	53	39	64	887
NORTHAMPTON	9	36	26	5	2	3	2	5	19	107
ONSLow	29	87	84	18	11	14	13	13	21	290
ORANGE	42	117	76	16	16	16	21	19	82	405
PAMLICO	3	11	7	3	0	2	2	1	3	32
PASQUOTANK	5	36	28	10	6	3	11	7	8	114
PENDER	9	37	20	7	5	5	5	3	5	96
PERQUIMANS	1	10	18	2	0	3	1	0	3	38
PERSON	5	35	25	5	5	0	2	9	7	93
PITT	46	298	206	35	22	37	21	42	36	743
POLK	1	13	9	3	1	0	1	1	3	32
RANDOLPH	12	53	49	19	9	7	12	12	15	188
RICHMOND	5	75	38	9	4	11	11	16	29	198
ROBESON	22	174	142	30	32	40	25	48	51	564
ROCKINGHAM	10	76	52	3	11	7	5	11	15	190
ROWAN	23	133	65	18	20	18	10	22	16	325
RUTHERFORD	12	31	30	1	5	4	8	0	5	96
SAMPSON	17	89	57	9	5	12	16	7	21	233
SCOTLAND	6	74	42	6	13	10	4	4	16	175
STANLY	7	31	37	1	8	1	3	9	3	100
STOKES	2	9	10	2	3	5	2	4	2	39
SURRY	4	23	20	4	5	9	1	2	3	71
SWAIN	5	7	8	3	0	2	1	1	0	27
TRANSYLVANIA	5	14	12	5	0	1	3	2	2	44
TYRRELL	2	2	2	0	0	0	0	1	0	7
UNION	14	74	56	12	8	6	9	23	17	219
VANCE	19	91	62	21	15	6	9	10	21	254
WAKE	306	932	796	207	177	196	237	249	312	3,412
WARREN	5	11	17	5	3	2	5	2	4	54
WASHINGTON	3	37	23	2	2	8	2	8	4	89
WATAUGA	4	5	2	5	0	5	3	1	3	28
WAYNE	45	146	139	21	17	16	20	18	24	446
WILKES	3	12	11	2	4	4	2	5	7	50
WILSON	39	194	142	20	16	30	24	22	25	512
YADKIN	3	8	8	4	3	3	3	2	2	36
YANCEY	1	6	4	1	1	0	0	1	0	14
UNASSIGNED*	12	376	566	106	73	95	162	114	86	1590
NC TOTAL	2,468	11,392	9,098	2,032	1,594	1,822	2,053	2,237	2,650	35,346

†HIV Disease includes all newly diagnosed HIV infected individuals by the date of first report (HIV or AIDS)

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

Table 3. North Carolina AIDS Cases by Year Reported

COUNTY	83-90	91-96	97-02	2003	2004	2005	2006	2007	2008	CUMULATIVE
ALAMANCE	16	57	27	12	18	16	2	9	46	203
ALEXANDER	1	5	4	0	2	1	3	1	3	20
ALLEGHANY	0	0	0	0	0	0	0	0	0	0
ANSON	2	15	19	1	5	5	0	0	5	52
ASHE	0	3	1	0	0	0	1	0	0	5
AVERY	0	1	1	0	0	0	0	1	1	4
BEAUFORT	13	37	27	5	5	7	4	3	7	108
BERTIE	7	15	32	3	5	6	3	3	2	76
BLADEN	5	16	16	7	8	2	5	2	6	67
BRUNSWICK	6	30	26	8	6	4	7	7	16	110
BUNCOMBE	25	158	128	12	18	10	12	12	13	388
BURKE	6	24	8	3	4	6	4	1	3	59
CABARRUS	13	46	30	10	2	6	7	8	8	130
CALDWELL	3	16	8	3	2	4	0	2	3	41
CAMDEN	0	3	7	1	0	2	1	0	0	14
CARTERET	8	24	5	4	4	0	1	1	6	53
CASWELL	0	9	2	0	0	0	0	2	5	18
CATAWBA	14	45	41	11	13	6	12	13	8	163
CHATHAM	5	10	10	2	3	2	0	4	8	44
CHEROKEE	1	5	2	1	0	0	2	3	1	15
CHOWAN	4	6	8	0	0	2	2	0	2	24
CLAY	0	0	1	0	1	0	0	0	0	2
CLEVELAND	13	30	28	6	14	18	12	14	8	143
COLUMBUS	14	27	38	15	12	7	12	10	10	145
CRAVEN	22	52	47	13	5	14	11	11	10	185
CUMBERLAND	71	220	164	47	53	29	58	54	89	785
CURRITUCK	1	6	3	1	0	1	2	0	0	14
DARE	5	8	9	1	4	1	0	0	1	29
DAVIDSON	20	52	26	9	3	7	2	5	15	139
DAVIE	2	7	7	0	1	0	1	0	1	19
DUPLIN	10	41	43	13	12	9	6	4	10	148
DURHAM	108	418	212	38	53	49	39	34	87	1,038
EDGECOMBE	12	64	65	18	19	21	10	11	15	235
FORSYTH	103	228	233	54	35	40	28	30	31	782
FRANKLIN	8	16	10	6	3	7	7	3	6	66
GASTON	25	126	108	24	16	31	8	13	16	367
GATES	0	0	3	0	0	0	0	0	1	4
GRAHAM	0	1	0	0	1	0	1	0	0	3
GRANVILLE	8	26	24	5	8	8	3	4	5	91
GREENE	1	12	23	0	2	2	3	1	1	45
GUILFORD	107	470	296	56	36	43	46	56	83	1,193
HALIFAX	12	50	41	9	8	8	11	9	12	160
HARNETT	7	39	34	10	9	11	8	6	26	150
HAYWOOD	5	21	10	0	3	5	2	1	4	51
HENDERSON	8	25	37	4	2	3	1	9	2	91
HERTFORD	10	15	23	1	4	1	4	4	4	66
HOKE	3	10	19	4	3	5	7	3	13	67
HYDE	0	3	1	1	3	0	0	0	0	8
IREDELL	11	31	25	7	5	8	5	3	7	102
JACKSON	2	7	3	0	2	1	1	0	0	16
JOHNSTON	19	49	49	16	12	16	21	12	43	237
JONES	0	4	3	1	1	0	1	0	2	12
LEE	4	15	15	5	4	1	5	6	12	67
LENOIR	12	76	86	4	12	15	12	9	12	238

Table 3. (Continued) North Carolina AIDS Cases by Year Reported

COUNTY	83-90	91-96	97-02	2003	2004	2005	2006	2007	2008	CUMULATIVE
LINCOLN	2	8	8	1	4	2	4	0	2	31
MACON	0	9	5	1	2	2	1	0	2	22
MADISON	0	4	4	0	1	0	0	0	0	9
MARTIN	3	14	22	5	3	8	5	4	1	65
MCDOWELL	3	4	7	0	0	3	2	2	0	21
MECKLENBURG	221	655	555	183	191	174	176	180	160	2,495
MITCHELL	1	2	4	0	0	0	0	0	0	7
MONTGOMERY	1	6	3	1	2	5	1	0	6	25
MOORE	9	20	23	7	4	6	5	8	23	105
NASH	19	75	59	10	9	17	12	14	16	231
NEW HANOVER	35	112	143	36	20	22	27	25	33	453
NORTHAMPTON	4	23	18	5	4	4	1	2	5	66
ONSLow	26	44	44	10	10	7	6	4	8	159
ORANGE	35	50	25	1	7	5	6	3	35	167
PAMLICO	3	6	3	2	1	2	0	0	0	17
PASQUOTANK	4	16	13	6	8	2	3	3	5	60
PENDER	5	27	14	6	1	5	2	2	3	65
PERQUIMANS	1	4	6	1	1	3	1	1	1	19
PERSON	2	14	9	3	1	0	0	5	5	39
PITT	37	163	127	24	14	24	15	23	21	448
POLK	1	10	6	3	0	0	0	1	0	21
RANDOLPH	11	29	13	4	12	7	6	4	7	93
RICHMOND	4	25	15	3	3	7	5	5	17	84
ROBESON	16	71	89	22	25	26	17	24	25	315
ROCKINGHAM	6	36	28	1	2	1	1	4	10	89
ROWAN	17	61	34	6	11	11	6	7	10	163
RUTHERFORD	9	24	14	1	2	6	0	1	1	58
SAMPSON	10	27	38	3	5	4	9	10	16	122
SCOTLAND	5	32	20	1	5	4	2	5	14	88
STANLY	5	6	15	1	1	2	1	4	3	38
STOKES	1	7	6	1	0	0	1	3	1	20
SURRY	3	14	11	1	1	2	0	0	4	36
SWAIN	4	7	7	0	1	1	1	1	0	22
TRANSYLVANIA	5	7	6	2	0	0	1	2	0	23
TYRRELL	1	1	1	0	0	0	0	0	0	3
UNION	12	22	31	7	7	4	9	8	8	108
VANCE	12	40	44	11	8	6	5	6	7	139
WAKE	180	432	441	120	130	127	136	129	172	1,867
WARREN	2	6	6	4	2	1	1	1	0	23
WASHINGTON	3	24	13	2	0	3	3	5	3	56
WATAUGA	4	4	1	3	0	3	1	0	1	17
WAYNE	36	78	85	11	12	15	20	11	15	283
WILKES	3	4	8	2	1	0	1	2	2	23
WILSON	22	72	85	12	27	23	25	16	15	297
YADKIN	3	3	5	3	2	0	2	2	1	21
YANCEY	1	5	1	0	2	0	1	1	0	11
UNASSIGNED*	53	239	478	47	85	71	92	62	52	1,179
NC TOTAL	1,592	5,216	4,681	1,024	1,068	1,055	1,006	974	1,379	17,995

by date of report of an AIDS diagnosis

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

**Table 4. North Carolina HIV Disease† Cases by County Rank Order (by Year Diagnosed)
(Updated 12/09)**

COUNTY	2006 CASES	2007 CASES	2008 CASES	2006 RATE	2007 RATE	2008 RATE	AVG RATE*	Rank
MECKLENBURG	307	458	426	36.8	52.8	49.1	46.2	1
EDGECOMBE	20	20	19	37.7	38.0	36.1	37.3	2
DURHAM	96	75	102	38.4	29.2	39.8	35.8	3
CUMBERLAND	108	114	92	35.1	37.2	30.0	34.1	4
GUILFORD	147	165	161	32.2	35.4	34.6	34.1	4
NORTHAMPTON	4	3	14	19.2	14.4	67.2	33.6	6
WASHINGTON	2	7	4	15.3	54.2	31.0	33.5	7
LENOIR	21	19	12	36.8	33.5	21.1	30.5	8
BERTIE	5	4	6	26.8	21.5	32.3	26.9	9
WAKE	193	222	219	24.3	26.7	26.3	25.8	10
ROBESON	20	46	32	15.7	35.9	25.0	25.5	11
WILSON	19	20	19	25.0	26.1	24.8	25.3	12
RICHMOND	10	17	7	21.8	37.0	15.2	24.7	13
FORSYTH	85	81	75	25.6	23.9	22.1	23.9	14
HOKE	11	9	8	26.7	21.2	18.9	22.3	15
NASH	24	15	22	26.2	16.1	23.7	22.0	16
NEW HANOVER	50	41	34	26.7	21.5	17.9	22.0	16
HALIFAX	7	9	20	12.7	16.3	36.3	21.8	18
HERTFORD	3	6	6	12.9	25.9	25.9	21.6	19
COLUMBUS	10	15	9	18.5	27.8	16.7	21.0	20
NORTH CAROLINA	1689	2031	1964	19.0	22.4	21.7	21.0	
PITT	19	41	34	12.8	27.0	22.4	20.7	21
PASQUOTANK	9	7	8	22.8	17.3	19.7	19.9	22
MARTIN	7	7	0	29.3	29.7	0.0	19.7	23
GRANVILLE	7	10	15	13.0	18.2	27.3	19.5	24
VANCE	5	9	11	11.6	20.9	25.6	19.4	25
CRAVEN	19	18	14	19.7	18.6	14.5	17.6	26
LEE	10	12	7	17.6	20.7	12.1	16.8	27
BEAUFORT	3	10	10	6.6	21.8	21.8	16.7	28
ALAMANCE	12	24	33	8.5	16.5	22.7	15.9	29
DUPLIN	11	9	5	21.0	17.0	9.4	15.8	30
BUNCOMBE	26	41	34	11.7	18.1	15.0	14.9	31
CLEVELAND	14	17	13	14.3	17.3	13.2	14.9	31
GASTON	31	27	31	15.7	13.3	15.3	14.8	33
SCOTLAND	2	4	10	5.5	11.0	27.5	14.7	34
CASWELL	1	3	6	4.3	12.9	25.8	14.3	35
WARREN	2	2	4	10.3	10.3	20.6	13.7	36
MOORE	13	9	12	15.7	10.7	14.2	13.5	37
PAMLICO	2	1	2	15.9	8.0	15.9	13.3	38
ANSON	5	0	5	19.8	0.0	19.8	13.2	39
FRANKLIN	12	3	7	21.6	5.2	12.2	13.0	40
ORANGE	15	21	12	12.3	16.9	9.7	13.0	40
CABARRUS	19	13	30	12.2	8.0	18.4	12.9	42
JOHNSTON	25	15	20	16.6	9.5	12.7	12.9	42
WAYNE	11	18	15	9.8	15.8	13.2	12.9	42
BLADEN	2	4	6	6.2	12.4	18.6	12.4	45
CATAWBA	11	25	19	7.2	16.1	12.2	11.8	46
SAMPSON	8	6	8	12.7	9.4	12.6	11.6	47
GREENE	3	2	2	14.7	9.8	9.8	11.4	48
HARNETT	14	8	14	13.2	7.4	12.9	11.2	49
PERQUIMANS	1	0	3	8.3	0.0	24.0	10.8	50
ROCKINGHAM	5	12	13	5.4	13.0	14.1	10.8	50
PERSON	3	7	2	8.1	18.7	5.4	10.7	52

**Table 4. (Continued) North Carolina HIV Disease† Cases by County Rank Order (by Year Diagnosed)
(Updated 12/09)**

COUNTY	2006 CASES	2007 CASES	2008 CASES	2006 RATE	2007 RATE	2008 RATE	AVG RATE*	Rank
CAMDEN	1	1	1	10.9	10.5	10.5	10.6	53
ROWAN	7	22	13	5.2	16.0	9.5	10.2	54
DAVIDSON	13	12	20	8.4	7.7	12.8	9.6	55
BRUNSWICK	5	14	9	5.3	14.1	9.1	9.5	56
CHOWAN	0	0	4	0.0	0.0	27.3	9.1	57
RANDOLPH	12	13	12	8.7	9.3	8.6	8.9	58
CHEROKEE	1	3	3	3.8	11.3	11.3	8.8	59
UNION	7	25	16	4.1	13.5	8.7	8.8	59
GATES	0	0	3	0.0	0.0	25.6	8.5	61
MONTGOMERY	1	3	3	3.7	10.9	10.9	8.5	61
CURRITUCK	2	3	1	8.5	12.5	4.2	8.4	63
ONslow	9	14	18	5.6	8.6	11.1	8.4	63
JACKSON	4	1	4	11.0	2.7	10.9	8.2	65
CHATHAM	2	9	4	3.3	14.6	6.5	8.1	66
PENDER	4	3	5	8.4	6.0	10.0	8.1	66
TYRRELL	0	1	0	0.0	24.3	0.0	8.1	66
STANLY	3	9	2	5.1	15.2	3.4	7.9	69
IREDELL	11	10	13	7.5	6.6	8.6	7.6	70
HAYWOOD	4	5	3	7.1	8.9	5.3	7.1	71
POLK	1	1	2	5.3	5.3	10.5	7.0	72
CLAY	1	1	0	10.0	9.8	0.0	6.6	73
MADISON	2	1	1	9.9	4.9	4.9	6.6	73
ALEXANDER	2	2	3	5.6	5.5	8.2	6.4	75
BURKE	1	8	8	1.1	9.0	9.0	6.4	75
RUTHERFORD	6	2	4	9.5	3.2	6.3	6.3	77
ALLEGHANY	0	2	0	0.0	18.3	0.0	6.1	78
WILKES	1	4	7	1.5	6.0	10.5	6.0	79
DARE	2	1	3	5.9	3.0	8.9	5.9	80
HENDERSON	2	11	4	2.0	10.9	4.0	5.6	81
CARTERET	3	2	5	4.7	3.2	7.9	5.3	82
YADKIN	2	2	2	5.3	5.3	5.3	5.3	82
ASHE	0	3	1	0.0	11.8	3.9	5.2	84
WATAUGA	3	1	3	6.8	2.2	6.7	5.2	84
MACON	1	2	2	3.1	6.1	6.1	5.1	86
TRANSYLVANIA	2	1	1	6.7	3.3	3.3	4.4	87
CALDWELL	2	4	4	2.5	5.0	5.0	4.2	88
MITCHELL	0	1	1	0.0	6.3	6.3	4.2	88
LINCOLN	2	4	3	2.8	5.5	4.1	4.1	90
AVERY	0	2	0	0.0	11.3	0.0	3.8	91
STOKES	1	3	1	2.2	6.5	2.2	3.6	92
YANCEY	1	0	1	5.5	0.0	5.4	3.6	92
MCDOWELL	3	0	1	6.9	0.0	2.3	3.1	94
DAVIE	1	2	0	2.5	4.9	0.0	2.5	95
SWAIN	0	1	0	0.0	7.3	0.0	2.4	96
SURRY	1	1	3	1.4	1.4	4.1	2.3	97
GRAHAM	0	0	0	0.0	0.0	0.0	0.0	98
HYDE	0	0	0	0.0	0.0	0.0	0.0	98
JONES	0	0	0	0.0	0.0	0.0	0.0	98

†HIV Disease includes all newly diagnosed HIV infected individuals by the date of first diagnosis (HIV or AIDS) *three year average of rates per 100,000 **Total includes cases with unknown county of residence at diagnosis or cases that were diagnosed at a long-term care facility such as prisons (See Technical Notes)

**Table 5. North Carolina AIDS Cases by County Rank Order (by Year Diagnosed)
(Updated 12/09)**

COUNTY	2006 CASES	2007 CASES	2008 CASES	2006 RATE	2007 RATE	2008 RATE	AVG RATE*	Rank
WILSON	25	17	12	32.9	22.1	15.6	23.5	1
EDGEcombe	10	9	16	18.8	17.1	30.4	22.1	2
WASHINGTON	1	5	2	7.7	38.7	15.5	20.6	3
LENOIR	12	7	14	21	12.3	24.7	19.3	4
MECKLENBURG	160	156	160	19.2	18	18.5	18.6	5
CUMBERLAND	50	49	54	16.3	16	17.6	16.6	6
COLUMBUS	9	11	6	16.7	20.4	11.1	16.1	7
HOKE	5	7	8	12.1	16.5	18.9	15.8	8
HALIFAX	8	7	11	14.5	12.7	20	15.7	9
WAKE	124	122	123	15.6	14.6	14.8	15.0	10
ROBESON	14	25	17	11	19.5	13.3	14.6	11
BERTIE	3	3	2	16.1	16.1	10.8	14.3	12
HERTFORD	3	4	3	12.9	17.2	12.9	14.3	12
DURHAM	35	32	40	14	12.5	15.6	14.0	14
RICHMOND	6	9	4	13.1	19.6	8.7	13.8	15
NASH	12	11	12	13.1	11.8	12.9	12.6	16
PITT	15	20	22	10.1	13.2	14.5	12.6	16
BLADEN	3	1	8	9.3	3.1	24.8	12.4	18
GUILFORD	45	53	68	9.9	11.4	14.6	12.0	19
NEW HANOVER	27	18	22	14.4	9.5	11.6	11.8	20
CLEVELAND	13	13	8	13.3	13.2	8.1	11.5	21
CHOWAN	1	0	4	6.9	0	27.3	11.4	22
MARTIN	4	3	1	16.7	12.7	4.2	11.2	23
SCOTLAND	0	6	6	0	16.5	16.5	11.0	24
JOHNSTON	23	11	15	15.2	7	9.5	10.6	25
SAMPSON	8	7	5	12.7	11	7.9	10.5	26
CRAVEN	10	11	9	10.4	11.4	9.3	10.4	27
NORTH CAROLINA	906	892	963	10.2	9.8	10.6	10.2	
VANCE	3	5	5	7	11.6	11.6	10.1	28
WAYNE	14	11	9	12.4	9.7	7.9	10.0	29
BEAUFORT	2	4	7	4.4	8.7	15.3	9.5	30
DUPLIN	5	4	4	9.5	7.6	7.6	8.2	31
LEE	4	6	4	7	10.3	6.9	8.1	32
FORSYTH	22	29	30	6.6	8.6	8.9	8.0	33
NORTHAMPTON	0	1	4	0	4.8	19.2	8.0	33
ANSON	0	0	6	0	0	23.8	7.9	35
MOORE	6	6	7	7.3	7.1	8.3	7.6	36
HARNETT	9	5	10	8.5	4.6	9.2	7.4	37
CASWELL	0	2	3	0	8.6	12.9	7.2	38
CAMDEN	1	0	1	10.9	0	10.5	7.1	39
CATAWBA	10	12	10	6.5	7.7	6.4	6.9	40
BRUNSWICK	3	8	9	3.2	8.1	9.1	6.8	41
GRANVILLE	3	4	4	5.6	7.3	7.3	6.7	42
JONES	1	1	0	10	9.9	0	6.6	43
GREENE	1	1	2	4.9	4.9	9.8	6.5	44
ALEXANDER	4	0	3	11.1	0	8.2	6.4	45
PERSON	1	3	3	2.7	8	8	6.2	46
FRANKLIN	6	2	2	10.8	3.5	3.5	5.9	47
GASTON	10	13	12	5.1	6.4	5.9	5.8	48
PERQUIMANS	1	1	0	8.3	8	0	5.4	49
ROWAN	3	9	10	2.2	6.6	7.3	5.4	49
ALAMANCE	3	10	9	2.1	6.9	6.2	5.1	51

**Table 5. (Continued) North Carolina AIDS Cases by County Rank Order (by Year Diagnosed)
(Updated 12/09)**

COUNTY	2006 CASES	2007 CASES	2008 CASES	2006 RATE	2007 RATE	2008 RATE	AVG RATE*	Rank
BUNCOMBE	10	11	13	4.5	4.9	5.7	5.0	52
CHEROKEE	1	2	1	3.8	7.5	3.8	5.0	52
PASQUOTANK	1	2	3	2.5	4.9	7.4	4.9	54
MONTGOMERY	2	0	2	7.3	0	7.3	4.9	54
DAVIDSON	2	8	12	1.3	5.1	7.7	4.7	56
CABARRUS	9	7	6	5.8	4.3	3.7	4.6	57
UNION	9	6	9	5.2	3.2	4.9	4.4	58
ROCKINGHAM	1	7	4	1.1	7.6	4.3	4.3	59
CARTERET	2	1	5	3.2	1.6	7.9	4.2	60
GRAHAM	1	0	0	12.6	0	0	4.2	60
HAYWOOD	3	1	3	5.3	1.8	5.3	4.1	62
ORANGE	6	3	6	4.9	2.4	4.8	4.0	63
AVERY	0	2	0	0	11.3	0	3.8	64
BURKE	4	0	6	4.5	0	6.7	3.7	65
YANCEY	2	0	0	11	0	0	3.7	65
HENDERSON	1	8	2	1	7.9	2	3.6	67
RANDOLPH	6	5	4	4.3	3.6	2.9	3.6	67
YADKIN	1	2	1	2.7	5.3	2.6	3.5	69
WARREN	2	0	0	10.3	0	0	3.4	70
STANLY	2	3	1	3.4	5.1	1.7	3.4	70
MCDOWELL	4	0	0	9.3	0	0	3.1	72
CURRITUCK	1	0	1	4.3	0	4.2	2.8	73
GATES	0	0	1	0	0	8.5	2.8	73
LINCOLN	4	0	2	5.6	0	2.7	2.8	73
CHATHAM	0	4	1	0	6.5	1.6	2.7	76
PENDER	1	1	2	2.1	2	4	2.7	76
IREDELL	4	1	7	2.7	0.7	4.6	2.7	76
ONSLOW	3	3	7	1.9	1.8	4.3	2.7	76
WILKES	1	2	2	1.5	3	3	2.5	80
SWAIN	1	0	0	7.4	0	0	2.5	80
TRANSYLVANIA	1	1	0	3.4	3.3	0	2.2	82
RUTHERFORD	0	3	1	0	4.8	1.6	2.1	83
CALDWELL	0	2	3	0	2.5	3.8	2.1	83
MACON	1	0	1	3.1	0	3.1	2.1	83
POLK	0	1	0	0	5.3	0	1.8	86
WATAUGA	1	0	1	2.3	0	2.2	1.5	87
STOKES	1	1	0	2.2	2.2	0	1.5	87
SURRY	0	0	3	0	0	4.1	1.4	89
DARE	0	0	1	0	0	3	1.0	90
JACKSON	1	0	0	2.8	0	0	0.9	91
DAVIE	0	0	1	0	0	2.5	0.8	92
ALLEGHANY	0	0	0	0	0	0	0.0	93
ASHE	0	0	0	0	0	0	0.0	93
CLAY	0	0	0	0	0	0	0.0	93
HYDE	0	0	0	0	0	0	0.0	93
MADISON	0	0	0	0	0	0	0.0	93
MITCHELL	0	0	0	0	0	0	0.0	93
PAMLICO	0	0	0	0	0	0	0.0	93
TYRRELL	0	0	0	0	0	0	0.0	93

*three year average of rates per 100,000 **Total includes cases with unknown county of residence at diagnosis or cases that were diagnosed at a long-term care facility such as prisons (See Technical Notes)

Table 6. N.C. HIV Disease† Cases by County/Year of First Diagnosis, 2004-2008 (Updated 12/09)

COUNTY/REGION		2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
		Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
ALAMANCE	3	24	27	12	24	33	17.4	19.3	8.5	16.5	22.7
ALEXANDER	2	5	3	2	2	3	14.2	8.4	5.6	5.5	8.2
ALLEGHANY	3	0	0	0	2	0	0.0	0.0	0.0	18.3	0.0
ANSON	5	2	0	5	0	5	7.9	0.0	19.8	0.0	19.8
ASHE	3	1	0	0	3	1	4.0	0.0	0.0	11.8	3.9
AVERY	1	0	1	0	2	0	0.0	5.7	0.0	11.3	0.0
BEAUFORT	6	6	7	3	10	10	13.3	15.4	6.6	21.8	21.8
BERTIE	6	9	6	5	4	6	47.0	31.6	26.8	21.5	32.3
BLADEN	7	4	6	2	4	6	12.3	18.4	6.2	12.4	18.6
BRUNSWICK	7	13	5	5	14	9	15.5	5.7	5.3	14.1	9.1
BUNCOMBE	1	14	20	26	41	34	6.5	9.1	11.7	18.1	15.0
BURKE	1	2	3	1	8	8	2.3	3.4	1.1	9.0	9.0
CABARRUS	2	11	13	19	13	30	7.6	8.7	12.2	8.0	18.4
CALDWELL	1	0	4	2	4	4	0.0	5.1	2.5	5.0	5.0
CAMDEN	6	1	1	1	1	1	12.0	11.2	10.9	10.5	10.5
CARTERET	7	5	1	3	2	5	8.1	1.6	4.7	3.2	7.9
CASWELL	3	1	1	1	3	6	4.3	4.3	4.3	12.9	25.8
CATAWBA	2	7	8	11	25	19	4.7	5.3	7.2	16.1	12.2
CHATHAM	4	6	3	2	9	4	10.5	5.2	3.3	14.6	6.5
CHEROKEE	1	0	1	1	3	3	0.0	3.9	3.8	11.3	11.3
CHOWAN	6	2	1	0	0	4	14.0	7.0	0.0	0.0	27.3
CLAY	1	1	1	1	1	0	10.5	10.3	10.0	9.8	0.0
CLEVELAND	2	18	18	14	17	13	18.4	18.5	14.3	17.3	13.2
COLUMBUS	7	11	14	10	15	9	20.3	26.0	18.5	27.8	16.7
CRAVEN	6	8	11	19	18	14	8.5	11.6	19.7	18.6	14.5
CUMBERLAND	5	63	75	108	114	92	20.2	24.5	35.1	37.2	30.0
CURRITUCK	6	1	2	2	3	1	4.6	8.7	8.5	12.5	4.2
DARE	6	4	0	2	1	3	11.9	0.0	5.9	3.0	8.9
DAVIDSON	3	10	14	13	12	20	6.6	9.1	8.4	7.7	12.8
DAVIE	3	1	2	1	2	0	2.7	5.2	2.5	4.9	0.0
DUPLIN	7	11	12	11	9	5	21.4	23.2	21.0	17.0	9.4
DURHAM	4	81	89	96	75	102	33.7	36.4	38.4	29.2	39.8
EDGECOMBE	6	19	24	20	20	19	35.3	44.9	37.7	38.0	36.1
FORSYTH	3	75	85	85	81	75	23.4	26.1	25.6	23.9	22.1
FRANKLIN	4	5	6	12	3	7	9.4	11.0	21.6	5.2	12.2
GASTON	2	28	21	31	27	31	14.5	10.8	15.7	13.3	15.3
GATES	6	0	1	0	0	3	0.0	9.0	0.0	0.0	25.6
GRAHAM	1	1	0	0	0	0	12.5	0.0	0.0	0.0	0.0
GRANVILLE	4	10	12	7	10	15	19.0	22.6	13.0	18.2	27.3
GREENE	6	2	4	3	2	2	10.1	20.2	14.7	9.8	9.8
GUILFORD	3	110	128	147	165	161	25.1	28.7	32.2	35.4	34.6
HALIFAX	6	7	7	7	9	20	12.6	12.6	12.7	16.3	36.3
HARNETT	5	14	7	14	8	14	13.9	6.8	13.2	7.4	12.9
HAYWOOD	1	1	3	4	5	3	1.8	5.4	7.1	8.9	5.3
HENDERSON	1	3	4	2	11	4	3.2	4.1	2.0	10.9	4.0
HERTFORD	6	6	2	3	6	6	25.8	8.6	12.9	25.9	25.9
HOKE	5	1	6	11	9	8	2.6	15.1	26.7	21.2	18.9
HYDE	6	2	1	0	0	0	37.0	18.6	0.0	0.0	0.0
IREDELL	2	12	7	11	10	13	8.8	5.0	7.5	6.6	8.6
JACKSON	1	0	3	4	1	4	0.0	8.4	11.0	2.7	10.9
JOHNSTON	4	17	20	25	15	20	12.1	13.7	16.6	9.5	12.7
JONES	6	2	1	0	0	0	19.7	9.9	0.0	0.0	0.0
LEE	4	11	7	10	12	7	20.2	12.6	17.6	20.7	12.1

Table 6. (Cont.) N.C. HIV Disease† Cases by County/Year of First Diagnosis, 2004-2008 (Updated 12/09)

COUNTY/REGION		2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
		Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
LENOIR	6	12	17	21	19	12	20.8	29.6	36.8	33.5	21.1
LINCOLN	2	4	2	2	4	3	5.9	2.9	2.8	5.5	4.1
MACON	1	1	1	1	2	2	3.2	3.1	3.1	6.1	6.1
MADISON	1	1	0	2	1	1	5.0	0.0	9.9	4.9	4.9
MARTIN	6	5	7	7	7	0	20.5	29.2	29.3	29.7	0.0
MCDOWELL	1	1	0	3	0	1	2.3	0.0	6.9	0.0	2.3
MECKLENBURG	2	328	287	307	458	426	42.3	35.8	36.8	52.8	49.1
MITCHELL	1	0	0	0	1	1	0.0	0.0	0.0	6.3	6.3
MONTGOMERY	5	3	3	1	3	3	11.1	11.0	3.7	10.9	10.9
MOORE	5	7	12	13	9	12	8.8	14.8	15.7	10.7	14.2
NASH	6	15	19	24	15	22	16.7	21.0	26.2	16.1	23.7
NEW HANOVER	7	43	52	50	41	34	24.4	28.5	26.7	21.5	17.9
NORTHAMPTON	6	2	2	4	3	14	9.5	9.5	19.2	14.4	67.2
ONSLow	7	12	10	9	14	18	7.4	6.3	5.6	8.6	11.1
ORANGE	4	16	20	15	21	12	13.5	16.7	12.3	16.9	9.7
PAMLICO	6	0	1	2	1	2	0.0	7.9	15.9	8.0	15.9
PASQUOTANK	6	5	3	9	7	8	13.5	7.9	22.8	17.3	19.7
PENDER	7	4	5	4	3	5	9.0	10.9	8.4	6.0	10.0
PERQUIMANS	6	1	2	1	0	3	8.6	16.9	8.3	0.0	24.0
PERSON	4	4	1	3	7	2	10.9	2.7	8.1	18.7	5.4
PITT	6	19	34	19	41	34	13.4	23.5	12.8	27.0	22.4
POLK	1	1	0	1	1	2	5.3	0.0	5.3	5.3	10.5
RANDOLPH	3	10	3	12	13	12	7.4	2.2	8.7	9.3	8.6
RICHMOND	5	6	9	10	17	7	13.0	19.5	21.8	37.0	15.2
ROBESON	5	28	30	20	46	32	22.4	23.8	15.7	35.9	25.0
ROCKINGHAM	3	11	5	5	12	13	12.0	5.4	5.4	13.0	14.1
ROWAN	2	21	16	7	22	13	15.8	11.9	5.2	16.0	9.5
RUTHERFORD	1	4	2	6	2	4	6.4	3.2	9.5	3.2	6.3
SAMPSON	7	7	14	8	6	8	11.3	22.4	12.7	9.4	12.6
SCOTLAND	5	11	9	2	4	10	30.1	24.7	5.5	11.0	27.5
STANLY	2	7	0	3	9	2	12.0	0.0	5.1	15.2	3.4
STOKES	3	4	3	1	3	1	8.8	6.6	2.2	6.5	2.2
SURRY	3	6	6	1	1	3	8.4	8.3	1.4	1.4	4.1
SWAIN	1	0	2	0	1	0	0.0	15.1	0.0	7.3	0.0
TRANSYLVANIA	1	0	3	2	1	1	0.0	10.2	6.7	3.3	3.3
TYRRELL	6	0	0	0	1	0	0.0	0.0	0.0	24.3	0.0
UNION	2	8	8	7	25	16	5.3	5.0	4.1	13.5	8.7
VANCE	4	13	7	5	9	11	30.2	16.3	11.6	20.9	25.6
WAKE	4	192	178	193	222	219	26.5	23.5	24.3	26.7	26.3
WARREN	4	3	3	2	2	4	15.2	15.2	10.3	10.3	20.6
WASHINGTON	6	5	4	2	7	4	38.0	30.5	15.3	54.2	31.0
WATAUGA	3	2	3	3	1	3	4.6	6.9	6.8	2.2	6.7
WAYNE	6	12	18	11	18	15	10.6	15.9	9.8	15.8	13.2
WILKES	3	0	5	1	4	7	0.0	7.5	1.5	6.0	10.5
WILSON	4	18	28	19	20	19	23.9	37.0	25.0	26.1	24.8
YADKIN	3	1	3	2	2	2	2.7	8.0	5.3	5.3	5.3
YANCEY	1	0	0	1	0	1	0.0	0.0	5.5	0.0	5.4
UNASSIGNED		83	104	94	90	78	---	---	---	---	---
NC TOTAL		1,584	1,639	1,689	2,031	1,964	18.6	18.9	19.0	22.4	21.7

†HIV Disease includes all newly diagnosed HIV infected individuals by the date of first diagnosis (HIV or AIDS)

*per 100,000 population

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

Table 7. N.C. AIDS Cases by County/Year of AIDS Diagnosis, 2004-2008 (Updated 12/09)

COUNTY/REGION		2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
		Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
ALAMANCE	3	13	12	3	10	9	9.4	8.6	2.1	6.9	6.2
ALEXANDER	2	1	1	4	0	3	2.8	2.8	11.1	0.0	8.2
ALLEGHANY	3	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
ANSON	5	3	4	0	0	6	11.8	15.7	0.0	0.0	23.8
ASHE	3	0	1	0	0	0	0.0	4.0	0.0	0.0	0.0
AVERY	1	0	0	0	2	0	0.0	0.0	0.0	11.3	0.0
BEAUFORT	6	7	4	2	4	7	15.5	8.8	4.4	8.7	15.3
BERTIE	6	5	3	3	3	2	26.1	15.8	16.1	16.1	10.8
BLADEN	7	2	3	3	1	8	6.1	9.2	9.3	3.1	24.8
BRUNSWICK	7	3	5	3	8	9	3.6	5.7	3.2	8.1	9.1
BUNCOMBE	1	14	7	10	11	13	6.5	3.2	4.5	4.9	5.7
BURKE	1	3	5	4	0	6	3.4	5.6	4.5	0.0	6.7
CABARRUS	2	2	5	9	7	6	1.4	3.4	5.8	4.3	3.7
CALDWELL	1	2	2	0	2	3	2.6	2.5	0.0	2.5	3.8
CAMDEN	6	1	1	1	0	1	12.0	11.2	10.9	0.0	10.5
CARTERET	7	1	1	2	1	5	1.6	1.6	3.2	1.6	7.9
CASWELL	3	0	0	0	2	3	0.0	0.0	0.0	8.6	12.9
CATAWBA	2	4	3	10	12	10	2.7	2.0	6.5	7.7	6.4
CHATHAM	4	1	2	0	4	1	1.8	3.4	0.0	6.5	1.6
CHEROKEE	1	1	1	1	2	1	4.0	3.9	3.8	7.5	3.8
CHOWAN	6	1	0	1	0	4	7.0	0.0	6.9	0.0	27.3
CLAY	1	1	0	0	0	0	10.5	0.0	0.0	0.0	0.0
CLEVELAND	2	6	16	13	13	8	6.1	16.4	13.3	13.2	8.1
COLUMBUS	7	5	8	9	11	6	9.2	14.9	16.7	20.4	11.1
CRAVEN	6	6	11	10	11	9	6.4	11.6	10.4	11.4	9.3
CUMBERLAND	5	28	29	50	49	54	9.0	9.5	16.3	16.0	17.6
CURRITUCK	6	0	2	1	0	1	0.0	8.7	4.3	0.0	4.2
DARE	6	2	0	0	0	1	6.0	0.0	0.0	0.0	3.0
DAVIDSON	3	2	6	2	8	12	1.3	3.9	1.3	5.1	7.7
DAVIE	3	0	1	0	0	1	0.0	2.6	0.0	0.0	2.5
DUPLIN	7	5	8	5	4	4	9.7	15.5	9.5	7.6	7.6
DURHAM	4	42	42	35	32	40	17.5	17.2	14.0	12.5	15.6
EDGECOMBE	6	14	15	10	9	16	26.0	28.1	18.8	17.1	30.4
FORSYTH	3	29	29	22	29	30	9.1	8.9	6.6	8.6	8.9
FRANKLIN	4	3	6	6	2	2	5.6	11.0	10.8	3.5	3.5
GASTON	2	20	20	10	13	12	10.4	10.3	5.1	6.4	5.9
GATES	6	0	0	0	0	1	0.0	0.0	0.0	0.0	8.5
GRAHAM	1	1	0	1	0	0	12.5	0.0	12.6	0.0	0.0
GRANVILLE	4	6	5	3	4	4	11.4	9.4	5.6	7.3	7.3
GREENE	6	1	4	1	1	2	5.0	20.2	4.9	4.9	9.8
GUILFORD	3	28	40	45	53	68	6.4	9.0	9.9	11.4	14.6
HALIFAX	6	8	6	8	7	11	14.3	10.8	14.5	12.7	20.0
HARNETT	5	7	5	9	5	10	7.0	4.9	8.5	4.6	9.2
HAYWOOD	1	4	3	3	1	3	7.2	5.4	5.3	1.8	5.3
HENDERSON	1	1	3	1	8	2	1.1	3.1	1.0	7.9	2.0
HERTFORD	6	3	3	3	4	3	12.9	12.9	12.9	17.2	12.9
HOKE	5	2	6	5	7	8	5.3	15.1	12.1	16.5	18.9
HYDE	6	2	0	0	0	0	37.0	0.0	0.0	0.0	0.0
IREDELL	2	2	9	4	1	7	1.5	6.4	2.7	0.7	4.6
JACKSON	1	0	1	1	0	0	0.0	2.8	2.8	0.0	0.0
JOHNSTON	4	11	13	23	11	15	7.8	8.9	15.2	7.0	9.5
JONES	6	1	0	1	1	0	9.8	0.0	10.0	9.9	0.0
LEE	4	2	4	4	6	4	3.7	7.2	7.0	10.3	6.9

Table 7. (Cont.) N.C. AIDS Cases by County/Year of AIDS Diagnosis, 2004-2008 (Updated 12/09)

COUNTY/REGION		2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
		Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
LENOIR	6	13	8	12	7	14	22.6	13.9	21.0	12.3	24.7
LINCOLN	2	3	1	4	0	2	4.4	1.4	5.6	0.0	2.7
MACON	1	1	0	1	0	1	3.2	0.0	3.1	0.0	3.1
MADISON	1	1	0	0	0	0	5.0	0.0	0.0	0.0	0.0
MARTIN	6	4	7	4	3	1	16.4	29.2	16.7	12.7	4.2
MCDOWELL	1	3	0	4	0	0	7.0	0.0	9.3	0.0	0.0
MECKLENBURG	2	134	153	160	156	160	17.3	19.1	19.2	18.0	18.5
MITCHELL	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
MONTGOMERY	5	1	5	2	0	2	3.7	18.4	7.3	0.0	7.3
MOORE	5	6	6	6	6	7	7.5	7.4	7.3	7.1	8.3
NASH	6	7	14	12	11	12	7.8	15.5	13.1	11.8	12.9
NEW HANOVER	7	15	22	27	18	22	8.5	12.1	14.4	9.5	11.6
NORTHAMPTON	6	5	5	0	1	4	23.7	23.7	0.0	4.8	19.2
ONSLow	7	3	8	3	3	7	1.8	5.0	1.9	1.8	4.3
ORANGE	4	8	4	6	3	6	6.8	3.3	4.9	2.4	4.8
PAMLICO	6	1	1	0	0	0	8.0	7.9	0.0	0.0	0.0
PASQUOTANK	6	4	3	1	2	3	10.8	7.9	2.5	4.9	7.4
PENDER	7	2	5	1	1	2	4.5	10.9	2.1	2.0	4.0
PERQUIMANS	6	2	1	1	1	0	17.3	8.5	8.3	8.0	0.0
PERSON	4	0	1	1	3	3	0.0	2.7	2.7	8.0	8.0
PITT	6	13	22	15	20	22	9.2	15.2	10.1	13.2	14.5
POLK	1	0	0	0	1	0	0.0	0.0	0.0	5.3	0.0
RANDOLPH	3	9	5	6	5	4	6.7	3.7	4.3	3.6	2.9
RICHMOND	5	6	4	6	9	4	13.0	8.7	13.1	19.6	8.7
ROBESON	5	19	17	14	25	17	15.2	13.5	11.0	19.5	13.3
ROCKINGHAM	3	1	0	1	7	4	1.1	0.0	1.1	7.6	4.3
ROWAN	2	5	11	3	9	10	3.8	8.2	2.2	6.6	7.3
RUTHERFORD	1	3	3	0	3	1	4.8	4.8	0.0	4.8	1.6
SAMPSON	7	4	6	8	7	5	6.4	9.6	12.7	11.0	7.9
SCOTLAND	5	4	3	0	6	6	11.0	8.2	0.0	16.5	16.5
STANLY	2	0	2	2	3	1	0.0	3.4	3.4	5.1	1.7
STOKES	3	0	1	1	1	0	0.0	2.2	2.2	2.2	0.0
SURRY	3	1	2	0	0	3	1.4	2.8	0.0	0.0	4.1
SWAIN	1	1	1	1	0	0	7.6	7.5	7.4	0.0	0.0
TRANSYLVANIA	1	0	1	1	1	0	0.0	3.4	3.4	3.3	0.0
TYRRELL	6	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
UNION	2	6	5	9	6	9	4.0	3.1	5.2	3.2	4.9
VANCE	4	7	5	3	5	5	16.2	11.6	7.0	11.6	11.6
WAKE	4	106	104	124	122	123	14.6	13.8	15.6	14.6	14.8
WARREN	4	1	0	2	0	0	5.1	0.0	10.3	0.0	0.0
WASHINGTON	6	0	5	1	5	2	0.0	38.1	7.7	38.7	15.5
WATAUGA	3	0	3	1	0	1	0.0	6.9	2.3	0.0	2.2
WAYNE	6	7	15	14	11	9	6.2	13.2	12.4	9.7	7.9
WILKES	3	0	0	1	2	2	0.0	0.0	1.5	3.0	3.0
WILSON	4	16	17	25	17	12	21.3	22.5	32.9	22.1	15.6
YADKIN	3	0	1	1	2	1	0.0	2.7	2.7	5.3	2.6
YANCEY	1	0	0	2	0	0	0.0	0.0	11.0	0.0	0.0
UNASSIGNED		57	61	79	51	45	---	---	---	---	---
NC TOTAL		785	893	906	892	963	9.2	10.3	10.2	9.8	10.6

*per 100,000 population

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

Table 8. North Carolina Chlamydia Cases by County of Report, 2004-2008

COUNTY/REGION		2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
		Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
ALAMANCE	3	403	410	409	409	582	291.9	293.2	288.1	281.4	400.4
ALEXANDER	2	25	45	44	44	58	71.0	126.3	122.2	120.9	159.4
ALLEGHANY	3	1	0	0	4	7	9.3	0.0	0.0	36.6	64.1
ANSON	5	114	164	107	122	156	447.7	644.0	422.9	484.1	619.0
ASHE	3	13	10	18	12	25	51.7	39.8	71.1	47.0	97.9
AVERY	1	8	3	4	8	11	45.2	17.0	22.4	45.0	61.9
BEAUFORT	6	173	174	188	196	226	383.2	382.9	410.5	428.2	493.8
BERTIE	6	101	143	141	102	173	527.3	752.9	754.8	548.4	930.1
BLADEN	7	130	151	156	151	205	398.7	463.4	481.7	467.5	634.7
BRUNSWICK	7	167	159	194	225	205	199.3	179.9	206.3	226.8	206.6
BUNCOMBE	1	550	574	533	596	675	254.6	262.2	239.1	262.8	297.7
BURKE	1	109	122	141	130	213	122.8	137.6	158.7	146.1	239.4
CABARRUS	2	341	435	428	595	593	234.7	291.7	275.2	364.4	363.2
CALDWELL	1	119	155	149	178	158	151.8	196.7	188.4	224.0	198.9
CAMDEN	6	11	12	17	19	15	131.7	134.8	184.6	200.2	158.1
CARTERET	7	131	122	134	134	163	211.7	195.4	211.8	211.9	257.8
CASWELL	3	67	72	76	33	63	286.2	308.4	324.9	141.9	270.8
CATAWBA	2	302	363	459	424	422	202.8	240.4	299.8	272.4	271.1
CHATHAM	4	102	57	76	85	93	178.6	98.0	127.0	138.3	151.3
CHEROKEE	1	15	14	19	40	27	59.5	54.8	72.7	150.9	101.9
CHOWAN	6	61	47	57	47	56	426.5	327.0	392.4	321.1	382.6
CLAY	1	4	7	8	8	10	42.2	72.1	79.9	78.1	97.7
CLEVELAND	2	307	419	370	325	356	314.0	429.5	378.5	330.1	361.6
COLUMBUS	7	166	224	202	208	278	306.9	416.0	373.9	384.9	514.4
CRAVEN	6	531	629	600	467	584	565.0	661.8	623.5	482.7	603.6
CUMBERLAND	5	2,657	2,471	2,572	2,194	2,291	853.8	808.8	836.5	715.8	747.4
CURRITUCK	6	27	27	34	33	33	123.5	117.7	144.6	137.7	137.7
DARE	6	63	66	54	43	27	188.0	195.8	159.7	127.3	79.9
DAVIDSON	3	227	270	282	317	398	148.8	176.0	182.1	202.5	254.3
DAVIE	3	41	49	74	50	79	108.7	126.5	186.6	123.4	195.0
DUPLIN	7	110	149	204	208	255	214.2	288.4	388.9	392.6	481.3
DURHAM	4	1,349	1,479	1,331	1,218	1,441	560.5	604.7	532.1	474.9	561.8
EDGECOMBE	6	470	460	520	471	543	874.0	861.5	978.9	894.6	1031.4
FORSYTH	3	1,665	1,709	1,845	2,193	2,318	520.1	525.5	555.8	647.3	684.2
FRANKLIN	4	113	96	159	149	147	212.5	176.7	286.7	260.4	256.9
GASTON	2	453	805	673	688	694	235.0	412.9	339.9	339.7	342.7
GATES	6	41	44	45	32	41	382.6	397.0	393.9	272.6	349.3
GRAHAM	1	6	2	7	5	15	74.9	25.1	88.1	63.6	190.9
GRANVILLE	4	188	134	228	169	205	357.9	252.0	422.5	307.0	372.4
GREENE	6	93	96	82	110	133	468.2	485.0	402.5	539.1	651.8
GUILFORD	3	1,833	1,867	1,877	2,282	2,315	417.6	418.5	411.7	489.8	496.9
HALIFAX	6	390	411	437	449	474	699.4	739.9	790.6	815.5	860.9
HARNETT	5	149	247	251	204	361	148.2	239.6	237.5	187.6	332.0
HAYWOOD	1	66	72	75	80	41	118.2	128.9	133.6	141.8	72.7
HENDERSON	1	140	168	184	157	153	147.4	174.0	186.6	155.7	151.8
HERTFORD	6	78	67	176	101	155	335.5	288.0	758.1	435.2	667.9
HOKE	5	128	156	124	114	199	336.3	392.9	301.2	268.7	469.1
HYDE	6	11	10	10	17	24	203.4	186.3	191.5	328.7	464.0
IREDELL	2	300	321	359	340	440	220.0	228.8	245.6	224.5	290.5
JACKSON	1	42	62	53	65	91	118.4	173.8	146.0	176.9	247.6
JOHNSTON	4	197	139	364	254	523	139.8	95.5	241.1	161.3	332.2
JONES	6	27	32	38	33	30	265.5	317.1	378.7	325.9	296.2
LEE	4	180	146	177	169	180	330.8	263.1	311.4	291.5	310.5

Table 8. (Continued) North Carolina Chlamydia Cases by County of Report, 2004-2008

COUNTY/REGION		2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
		Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
LENOIR	6	362	373	297	303	320	628.3	649.9	520.3	533.8	563.8
LINCOLN	2	30	83	87	109	137	44.3	120.0	122.2	149.1	187.4
MACON	1	45	43	29	32	39	143.1	135.4	90.0	98.1	119.6
MADISON	1	15	22	31	15	32	75.3	110.0	154.1	73.9	157.6
MARTIN	6	88	115	160	124	130	360.9	479.0	668.6	525.5	550.9
MCDOWELL	1	60	41	53	56	97	139.9	95.2	122.7	128.6	222.8
MECKLENBURG	2	3,186	3,527	2,836	1,740	3,998	410.8	439.6	339.5	200.7	461.1
MITCHELL	1	7	10	10	12	17	44.0	63.3	63.7	76.0	107.7
MONTGOMERY	5	45	41	34	58	82	166.1	150.9	124.5	211.3	298.7
MOORE	5	188	242	201	210	310	236.1	298.9	243.5	248.7	367.1
NASH	6	316	382	502	433	575	351.2	422.0	549.0	465.8	618.6
NEW HANOVER	7	567	718	837	698	828	322.0	393.5	447.1	366.5	434.8
NORTHAMPTON	6	130	154	176	157	134	615.9	730.8	843.4	753.7	643.3
ONSLow	7	1,150	941	1,254	972	1,061	709.2	588.7	774.2	597.3	651.9
ORANGE	4	174	251	315	233	322	147.3	209.3	257.9	187.4	259.0
PAMLICO	6	16	20	35	28	37	127.6	158.7	278.7	222.6	294.2
PASQUOTANK	6	161	185	178	153	205	436.1	484.2	450.4	377.4	505.6
PENDER	7	124	141	146	101	164	279.0	307.7	304.8	202.5	328.9
PERQUIMANS	6	45	55	25	45	36	388.5	465.8	206.3	360.1	288.0
PERSON	4	98	108	102	103	161	267.4	292.0	275.1	275.7	431.0
PITT	6	781	908	928	909	1,216	550.9	628.6	624.9	597.8	799.6
POLK	1	22	16	20	29	25	117.2	84.9	105.5	152.3	131.3
RANDOLPH	3	174	213	195	210	278	128.6	155.5	140.6	149.8	198.4
RICHMOND	5	174	200	181	220	161	378.0	434.2	394.2	478.4	350.1
ROBESON	5	820	960	816	833	1,030	656.8	760.4	642.2	650.0	803.8
ROCKINGHAM	3	213	255	233	221	300	232.1	277.5	252.8	239.1	324.6
ROWAN	2	387	552	484	436	597	290.3	412.2	357.2	317.4	434.6
RUTHERFORD	1	182	170	174	176	200	289.5	270.5	276.1	279.3	317.4
SAMPSON	7	157	162	172	175	232	253.1	259.4	273.0	275.0	364.5
SCOTLAND	5	159	192	164	241	235	435.5	526.9	451.7	662.7	646.2
STANLY	2	125	125	127	99	159	214.6	213.9	216.8	167.2	268.6
STOKES	3	33	27	31	65	79	73.0	59.4	67.7	141.1	171.5
SURRY	3	84	75	81	82	97	116.9	104.1	112.2	113.3	134.0
SWAIN	1	23	35	47	27	23	175.6	263.4	348.6	197.9	168.6
TRANSYLVANIA	1	57	68	33	22	61	194.8	230.9	111.1	73.4	203.4
TYRRELL	6	14	15	11	16	23	335.6	363.2	264.3	388.3	558.1
UNION	2	204	353	274	242	359	134.7	219.4	159.1	131.0	194.4
VANCE	4	303	180	390	299	258	702.7	419.2	904.8	695.5	600.1
WAKE	4	2,143	1,915	3,941	2,777	3,098	295.7	253.4	496.3	333.4	371.9
WARREN	4	72	80	108	118	90	364.8	405.8	555.9	607.9	463.7
WASHINGTON	6	43	51	68	62	80	326.6	388.6	521.0	480.1	619.4
WATAUGA	3	50	39	30	34	54	115.7	89.6	67.9	76.3	121.2
WAYNE	6	409	524	455	423	714	359.7	462.1	403.3	372.4	628.6
WILKES	3	57	59	65	85	129	85.8	88.6	97.6	127.2	193.0
WILSON	4	457	447	448	457	340	607.8	591.4	590.5	595.4	443.0
YADKIN	3	46	38	49	50	47	124.0	101.7	130.3	132.3	124.3
YANCEY	1	7	8	16	14	25	39.0	44.3	88.2	75.9	135.5
UNKNOWN		0	0	0	1	0	---	---	---	---	---
NC TOTAL		28,998	31,185	33,614	30,612	37,555	339.6	359.3	379.0	337.8	414.5

*per 100,000 population

Table 9. North Carolina Gonorrhea Cases by County of Report, 2004-2008

COUNTY/REGION		2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
		Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
ALAMANCE	3	237	165	236	258	221	171.7	118.0	166.2	177.5	152.0
ALEXANDER	2	6	8	22	13	11	17.0	22.4	61.1	35.7	30.2
ALLEGHANY	3	0	0	0	2	0	0.0	0.0	0.0	18.3	0.0
ANSON	5	74	84	81	96	106	290.6	329.9	320.1	380.9	420.6
ASHE	3	1	1	0	1	4	4.0	4.0	0.0	3.9	15.7
AVERY	1	3	0	0	0	2	17.0	0.0	0.0	0.0	11.3
BEAUFORT	6	65	45	79	112	75	144.0	99.0	172.5	244.7	163.9
BERTIE	6	75	89	76	53	69	391.6	468.6	406.8	284.9	370.9
BLADEN	7	47	42	58	50	59	144.1	128.9	179.1	154.8	182.7
BRUNSWICK	7	103	130	143	104	69	122.9	147.1	152.1	104.8	69.5
BUNCOMBE	1	198	258	320	248	185	91.7	117.9	143.5	109.4	81.6
BURKE	1	51	52	95	76	69	57.5	58.6	107.0	85.4	77.5
CABARRUS	2	190	154	207	241	145	130.8	103.3	133.1	147.6	88.8
CALDWELL	1	31	43	65	103	52	39.5	54.6	82.2	129.6	65.4
CAMDEN	6	2	6	4	12	6	23.9	67.4	43.4	126.4	63.2
CARTERET	7	68	86	70	50	32	109.9	137.8	110.7	79.1	50.6
CASWELL	3	30	23	33	29	21	128.1	98.5	141.1	124.7	90.3
CATAWBA	2	123	148	248	233	184	82.6	98.0	162.0	149.7	118.2
CHATHAM	4	51	38	35	45	18	89.3	65.3	58.5	73.2	29.3
CHEROKEE	1	2	2	3	4	0	7.9	7.8	11.5	15.1	0.0
CHOWAN	6	39	34	53	27	24	272.7	236.6	364.9	184.5	164.0
CLAY	1	1	0	2	2	1	10.5	0.0	20.0	19.5	9.8
CLEVELAND	2	188	291	262	208	174	192.3	298.3	268.0	211.3	176.7
COLUMBUS	7	106	115	108	112	105	196.0	213.6	199.9	207.2	194.3
CRAVEN	6	198	223	169	130	180	210.7	234.6	175.6	134.4	186.1
CUMBERLAND	5	1,055	921	882	1,273	1,127	339.0	301.5	286.8	415.3	367.7
CURRITUCK	6	9	9	30	21	12	41.2	39.2	127.6	87.6	50.1
DARE	6	32	18	17	15	10	95.5	53.4	50.3	44.4	29.6
DAVIDSON	3	61	139	117	140	105	40.0	90.6	75.6	89.4	67.1
DAVIE	3	14	26	27	34	18	37.1	67.1	68.1	83.9	44.4
DUPLIN	7	50	49	114	87	46	97.4	94.8	217.4	164.2	86.8
DURHAM	4	657	743	769	808	725	273.0	303.8	307.4	315.0	282.7
EDGECOMBE	6	401	293	364	377	289	745.7	548.8	685.2	716.1	548.9
FORSYTH	3	794	721	796	882	661	248.0	221.7	239.8	260.4	195.1
FRANKLIN	4	52	42	72	100	86	97.8	77.3	129.8	174.8	150.3
GASTON	2	291	589	510	362	406	150.9	302.1	257.6	178.7	200.5
GATES	6	14	25	20	22	16	130.6	225.6	175.1	187.4	136.3
GRAHAM	1	0	1	0	0	2	0.0	12.6	0.0	0.0	25.5
GRANVILLE	4	95	47	98	77	86	180.9	88.4	181.6	139.9	156.2
GREENE	6	44	66	41	54	52	221.5	333.5	201.2	264.6	254.8
GUILFORD	3	965	858	1,083	1,702	1,021	219.8	192.3	237.5	365.3	219.1
HALIFAX	6	189	214	244	242	150	338.9	385.3	441.5	439.5	272.4
HARNETT	5	108	127	154	153	156	107.4	123.2	145.7	140.7	143.5
HAYWOOD	1	7	10	9	21	3	12.5	17.9	16.0	37.2	5.3
HENDERSON	1	53	51	79	55	42	55.8	52.8	80.1	54.6	41.7
HERTFORD	6	40	38	90	41	73	172.1	163.3	387.6	176.7	314.6
HOKE	5	67	57	47	66	86	176.0	143.5	114.1	155.6	202.7
HYDE	6	8	5	2	4	4	147.9	93.1	38.3	77.3	77.3
IREDELL	2	179	222	302	274	233	131.3	158.3	206.6	180.9	153.9
JACKSON	1	13	5	6	17	17	36.7	14.0	16.5	46.3	46.3
JOHNSTON	4	107	69	199	147	227	75.9	47.4	131.8	93.4	144.2
JONES	6	18	18	14	12	10	177.0	178.4	139.5	118.5	98.7
LEE	4	108	79	111	80	59	198.5	142.3	195.3	138.0	101.8

Table 9. (Continued) North Carolina Gonorrhea Cases by County of Report, 2004-2008

COUNTY/REGION		2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
		Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
LENOIR	6	205	230	173	191	166	355.8	400.7	303.1	336.5	292.5
LINCOLN	2	27	30	39	36	38	39.9	43.4	54.8	49.2	52.0
MACON	1	1	2	3	2	1	3.2	6.3	9.3	6.1	3.1
MADISON	1	2	4	3	6	6	10.0	20.0	14.9	29.5	29.5
MARTIN	6	60	68	89	50	35	246.0	283.2	371.9	211.9	148.3
MCDOWELL	1	4	7	12	37	31	9.3	16.3	27.8	85.0	71.2
MECKLENBURG	2	2,019	2,084	2,079	1,181	1,865	260.3	259.7	248.9	136.2	215.1
MITCHELL	1	2	1	2	0	2	12.6	6.3	12.7	0.0	12.7
MONTGOMERY	5	14	23	25	26	20	51.7	84.7	91.6	94.7	72.9
MOORE	5	87	67	102	121	106	109.3	82.7	123.6	143.3	125.5
NASH	6	231	199	281	341	254	256.7	219.8	307.3	366.9	273.3
NEW HANOVER	7	269	305	380	336	325	152.8	167.2	203.0	176.4	170.7
NORTHAMPTON	6	63	66	85	73	74	298.5	313.2	407.3	350.5	355.3
ONSLow	7	471	376	386	202	294	290.4	235.2	238.3	124.1	180.7
ORANGE	4	84	107	108	96	76	71.1	89.2	88.4	77.2	61.1
PAMLICO	6	7	5	10	2	3	55.8	39.7	79.6	15.9	23.9
PASQUOTANK	6	87	133	109	109	115	235.6	348.1	275.8	268.9	283.6
PENDER	7	51	55	63	48	33	114.8	120.0	131.5	96.3	66.2
PERQUIMANS	6	19	30	19	25	12	164.0	254.1	156.8	200.0	96.0
PERSON	4	52	43	42	46	33	141.9	116.3	113.3	123.1	88.3
PITT	6	455	491	529	503	531	321.0	339.9	356.2	330.8	349.2
POLK	1	6	8	4	9	5	32.0	42.4	21.1	47.3	26.3
RANDOLPH	3	81	75	76	63	61	59.9	54.8	54.8	45.0	43.5
RICHMOND	5	114	66	129	140	70	247.6	143.3	280.9	304.4	152.2
ROBESON	5	479	509	404	479	668	383.7	403.2	317.9	373.8	521.3
ROCKINGHAM	3	219	123	137	124	95	238.6	133.9	148.7	134.2	102.8
ROWAN	2	168	224	235	248	240	126.0	167.3	173.4	180.5	174.7
RUTHERFORD	1	125	150	152	110	69	198.8	238.6	241.2	174.6	109.5
SAMPSON	7	128	96	115	171	91	206.4	153.7	182.5	268.7	143.0
SCOTLAND	5	88	118	121	156	98	241.0	323.8	333.3	429.0	269.5
STANLY	2	67	89	67	66	32	115.1	152.3	114.4	111.5	54.1
STOKES	3	12	9	8	21	10	26.5	19.8	17.5	45.6	21.7
SURRY	3	14	21	19	20	16	19.5	29.1	26.3	27.6	22.1
SWAIN	1	6	8	5	1	4	45.8	60.2	37.1	7.3	29.3
TRANSYLVANIA	1	12	23	13	24	12	41.0	78.1	43.8	80.0	40.0
TYRRELL	6	4	7	8	3	9	95.9	169.5	192.2	72.8	218.4
UNION	2	144	197	161	208	164	95.1	122.5	93.5	112.6	88.8
VANCE	4	161	93	165	218	128	373.4	216.6	382.8	507.1	297.7
WAKE	4	1,131	731	1,615	1,192	1,023	156.1	96.7	203.4	143.1	122.8
WARREN	4	44	34	43	70	49	222.9	172.5	221.3	360.6	252.4
WASHINGTON	6	39	38	44	25	33	296.2	289.5	337.1	193.6	255.5
WATAUGA	3	4	5	5	5	7	9.3	11.5	11.3	11.2	15.7
WAYNE	6	234	228	207	181	259	205.8	201.1	183.5	159.3	228.0
WILKES	3	20	18	23	7	14	30.1	27.0	34.5	10.5	20.9
WILSON	4	359	372	426	384	137	477.5	492.2	561.5	500.3	178.5
YADKIN	3	7	19	18	25	15	18.9	50.9	47.9	66.1	39.7
YANCEY	1	2	3	4	3	3	11.1	16.6	22.0	16.3	16.3
UNKNOWN		0	0	0	0	0	---	---	---	---	---
NC TOTAL		15,198	15,069	17,309	16,659	14,866	178.0	173.6	195.2	183.9	164.1

*per 100,000 population

Table 10. N.C. Primary and Secondary Syphilis Cases by County of Report, 2004-2008

COUNTY/REGION		2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
		Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
ALAMANCE	3	1	4	3	5	5	0.7	2.9	2.1	3.4	3.4
ALEXANDER	2	1	1	0	0	0	2.8	2.8	0.0	0.0	0.0
ALLEGHANY	3	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
ANSON	5	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
ASHE	3	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
AVERY	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
BEAUFORT	6	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
BERTIE	6	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
BLADEN	7	0	1	0	1	0	0.0	3.1	0.0	3.1	0.0
BRUNSWICK	7	1	1	2	2	2	1.2	1.1	2.1	2.0	2.0
BUNCOMBE	1	2	2	4	3	7	0.9	0.9	1.8	1.3	3.1
BURKE	1	0	0	0	2	1	0.0	0.0	0.0	2.2	1.1
CABARRUS	2	2	4	4	2	2	1.4	2.7	2.6	1.2	1.2
CALDWELL	1	1	0	0	0	1	1.3	0.0	0.0	0.0	1.3
CAMDEN	6	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
CARTERET	7	1	0	0	2	0	1.6	0.0	0.0	3.2	0.0
CASWELL	3	1	0	0	0	0	4.3	0.0	0.0	0.0	0.0
CATAWBA	2	1	2	1	2	1	0.7	1.3	0.7	1.3	0.6
CHATHAM	4	1	1	1	1	0	1.8	1.7	1.7	1.6	0.0
CHEROKEE	1	0	0	0	0	1	0.0	0.0	0.0	0.0	3.8
CHOWAN	6	0	0	0	1	0	0.0	0.0	0.0	6.8	0.0
CLAY	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
CLEVELAND	2	0	3	2	5	3	0.0	3.1	2.0	5.1	3.0
COLUMBUS	7	0	1	0	0	0	0.0	1.9	0.0	0.0	0.0
CRAVEN	6	0	0	1	6	3	0.0	0.0	1.0	6.2	3.1
CUMBERLAND	5	9	11	15	12	12	2.9	3.6	4.9	3.9	3.9
CURRITUCK	6	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
DARE	6	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
DAVIDSON	3	0	1	1	1	0	0.0	0.7	0.6	0.6	0.0
DAVIE	3	0	1	1	0	3	0.0	2.6	2.5	0.0	7.4
DUPLIN	7	1	0	0	0	0	1.9	0.0	0.0	0.0	0.0
DURHAM	4	12	12	16	31	24	5.0	4.9	6.4	12.1	9.4
EDGECOMBE	6	3	0	4	4	3	5.6	0.0	7.5	7.6	5.7
FORSYTH	3	3	7	10	13	26	0.9	2.2	3.0	3.8	7.7
FRANKLIN	4	1	1	0	1	2	1.9	1.8	0.0	1.7	3.5
GASTON	2	0	1	8	5	5	0.0	0.5	4.0	2.5	2.5
GATES	6	0	0	0	0	1	0.0	0.0	0.0	0.0	8.5
GRAHAM	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
GRANVILLE	4	0	1	0	1	0	0.0	1.9	0.0	1.8	0.0
GREENE	6	0	0	0	2	0	0.0	0.0	0.0	9.8	0.0
GUILFORD	3	38	33	28	23	34	8.7	7.4	6.1	4.9	7.3
HALIFAX	6	0	1	2	2	2	0.0	1.8	3.6	3.6	3.6
HARNETT	5	0	0	0	1	0	0.0	0.0	0.0	0.9	0.0
HAYWOOD	1	0	0	0	0	1	0.0	0.0	0.0	0.0	1.8
HENDERSON	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
HERTFORD	6	0	0	1	0	0	0.0	0.0	4.3	0.0	0.0
HOKE	5	0	0	1	0	1	0.0	0.0	2.4	0.0	2.4
HYDE	6	0	0	1	0	0	0.0	0.0	19.1	0.0	0.0
IREDELL	2	1	1	2	0	0	0.7	0.7	1.4	0.0	0.0
JACKSON	1	0	0	0	0	2	0.0	0.0	0.0	0.0	5.4
JOHNSTON	4	1	4	7	5	2	0.7	2.7	4.6	3.2	1.3
JONES	6	0	1	0	1	0	0.0	9.9	0.0	9.9	0.0
LEE	4	0	2	1	0	0	0.0	3.6	1.8	0.0	0.0

Table 10. (Continued) N.C. Primary and Secondary Syphilis Cases by County of Report, 2004-2008

COUNTY/REGION		2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
		Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
LENOIR	6	4	4	0	3	0	6.9	7.0	0.0	5.3	0.0
LINCOLN	2	1	0	0	1	1	1.5	0.0	0.0	1.4	1.4
MACON	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
MADISON	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
MARTIN	6	2	0	2	1	1	8.2	0.0	8.4	4.2	4.2
MCDOWELL	1	0	1	0	0	0	0.0	2.3	0.0	0.0	0.0
MECKLENBURG	2	40	85	104	93	48	5.2	10.6	12.5	10.7	5.5
MITCHELL	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
MONTGOMERY	5	0	1	0	0	0	0.0	3.7	0.0	0.0	0.0
MOORE	5	1	0	0	2	1	1.3	0.0	0.0	2.4	1.2
NASH	6	1	2	7	8	11	1.1	2.2	7.7	8.6	11.8
NEW HANOVER	7	3	3	8	13	10	1.7	1.6	4.3	6.8	5.3
NORTHAMPTON	6	0	0	2	0	2	0.0	0.0	9.6	0.0	9.6
ONSLow	7	0	0	1	2	0	0.0	0.0	0.6	1.2	0.0
ORANGE	4	0	0	3	6	3	0.0	0.0	2.5	4.8	2.4
PAMLICO	6	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
PASQUOTANK	6	1	0	0	0	0	2.7	0.0	0.0	0.0	0.0
PENDER	7	0	0	0	0	3	0.0	0.0	0.0	0.0	6.0
PERQUIMANS	6	0	0	1	0	0	0.0	0.0	8.3	0.0	0.0
PERSON	4	1	0	3	0	0	2.7	0.0	8.1	0.0	0.0
PITT	6	0	1	1	4	9	0.0	0.7	0.7	2.6	5.9
POLK	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
RANDOLPH	3	2	7	1	0	1	1.5	5.1	0.7	0.0	0.7
RICHMOND	5	0	0	0	0	1	0.0	0.0	0.0	0.0	2.2
ROBESON	5	16	10	0	6	0	12.8	7.9	0.0	4.7	0.0
ROCKINGHAM	3	0	1	2	3	3	0.0	1.1	2.2	3.2	3.2
ROWAN	2	1	3	1	3	0	0.8	2.2	0.7	2.2	0.0
RUTHERFORD	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
SAMPSON	7	1	0	0	1	1	1.6	0.0	0.0	1.6	1.6
SCOTLAND	5	0	1	0	1	0	0.0	2.7	0.0	2.7	0.0
STANLY	2	0	0	0	2	0	0.0	0.0	0.0	3.4	0.0
STOKES	3	0	2	0	0	1	0.0	4.4	0.0	0.0	2.2
SURRY	3	1	0	2	0	1	1.4	0.0	2.8	0.0	1.4
SWAIN	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
TRANSYLVANIA	1	1	0	0	1	0	3.4	0.0	0.0	3.3	0.0
TYRRELL	6	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
UNION	2	1	3	3	0	0	0.7	1.9	1.7	0.0	0.0
VANCE	4	0	1	0	0	2	0.0	2.3	0.0	0.0	4.7
WAKE	4	20	41	35	27	25	2.8	5.4	4.4	3.2	3.0
WARREN	4	1	1	0	0	0	5.1	5.1	0.0	0.0	0.0
WASHINGTON	6	0	1	0	0	0	0.0	7.6	0.0	0.0	0.0
WATAUGA	3	1	0	2	0	0	2.3	0.0	4.5	0.0	0.0
WAYNE	6	2	3	10	9	15	1.8	2.6	8.9	7.9	13.2
WILKES	3	1	1	0	0	0	1.5	1.5	0.0	0.0	0.0
WILSON	4	9	3	5	1	4	12.0	4.0	6.6	1.3	5.2
YADKIN	3	0	2	0	2	0	0.0	5.4	0.0	5.3	0.0
YANCEY	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
UNKNOWN		0	0	0	1	0	---	---	---	---	---
NC TOTAL		192	274	309	324	287	2.2	3.2	3.5	3.6	3.2

*per 100,000 population

Table 11. North Carolina Early Syphilis (Primary, Secondary, Early Latent) Cases by County of Report, 2004-2008

COUNTY/REGION		2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
		Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
ALAMANCE	3	3	4	6	7	6	2.2	2.9	4.2	4.8	4.1
ALEXANDER	2	1	2	0	0	0	2.8	5.6	0.0	0.0	0.0
ALLEGHANY	3	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
ANSON	5	0	0	1	0	2	0.0	0.0	4.0	0.0	7.9
ASHE	3	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
AVERY	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
BEAUFORT	6	1	0	1	0	0	2.2	0.0	2.2	0.0	0.0
BERTIE	6	0	0	1	0	0	0.0	0.0	5.4	0.0	0.0
BLADEN	7	5	3	3	1	0	15.3	9.2	9.3	3.1	0.0
BRUNSWICK	7	1	2	4	5	6	1.2	2.3	4.3	5.0	6.0
BUNCOMBE	1	4	6	7	5	17	1.9	2.7	3.1	2.2	7.5
BURKE	1	0	3	0	2	3	0.0	3.4	0.0	2.2	3.4
CABARRUS	2	3	5	5	5	4	2.1	3.4	3.2	3.1	2.5
CALDWELL	1	1	0	0	0	1	1.3	0.0	0.0	0.0	1.3
CAMDEN	6	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
CARTERET	7	1	0	0	4	0	1.6	0.0	0.0	6.3	0.0
CASWELL	3	1	0	0	0	0	4.3	0.0	0.0	0.0	0.0
CATAWBA	2	2	2	2	2	1	1.3	1.3	1.3	1.3	0.6
CHATHAM	4	1	4	1	1	0	1.8	6.9	1.7	1.6	0.0
CHEROKEE	1	0	1	0	0	1	0.0	3.9	0.0	0.0	3.8
CHOWAN	6	0	0	0	1	0	0.0	0.0	0.0	6.8	0.0
CLAY	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
CLEVELAND	2	0	5	2	6	4	0.0	5.1	2.0	6.1	4.1
COLUMBUS	7	0	3	1	2	1	0.0	5.6	1.9	3.7	1.9
CRAVEN	6	0	0	2	12	4	0.0	0.0	2.1	12.4	4.1
CUMBERLAND	5	23	18	26	18	19	7.4	5.9	8.5	5.9	6.2
CURRITUCK	6	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
DARE	6	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
DAVIDSON	3	2	2	2	3	0	1.3	1.3	1.3	1.9	0.0
DAVIE	3	0	1	1	1	3	0.0	2.6	2.5	2.5	7.4
DUPLIN	7	2	0	1	2	3	3.9	0.0	1.9	3.8	5.7
DURHAM	4	32	15	33	47	39	13.3	6.1	13.2	18.3	15.2
EDGECOMBE	6	7	0	7	11	13	13.0	0.0	13.2	20.9	24.7
FORSYTH	3	6	16	34	31	46	1.9	4.9	10.2	9.2	13.6
FRANKLIN	4	1	1	0	4	3	1.9	1.8	0.0	7.0	5.2
GASTON	2	1	6	12	10	5	0.5	3.1	6.1	4.9	2.5
GATES	6	1	0	0	0	1	9.3	0.0	0.0	0.0	8.5
GRAHAM	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
GRANVILLE	4	0	2	0	1	1	0.0	3.8	0.0	1.8	1.8
GREENE	6	0	1	0	3	0	0.0	5.1	0.0	14.7	0.0
GUILFORD	3	91	68	74	45	50	20.7	15.2	16.2	9.7	10.7
HALIFAX	6	0	3	2	4	2	0.0	5.4	3.6	7.3	3.6
HARNETT	5	1	1	1	2	0	1.0	1.0	0.9	1.8	0.0
HAYWOOD	1	0	1	0	1	1	0.0	1.8	0.0	1.8	1.8
HENDERSON	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
HERTFORD	6	0	0	1	0	0	0.0	0.0	4.3	0.0	0.0
HOKE	5	0	0	1	0	2	0.0	0.0	2.4	0.0	4.7
HYDE	6	0	0	1	0	0	0.0	0.0	19.1	0.0	0.0
IREDELL	2	1	1	3	1	1	0.7	0.7	2.1	0.7	0.7
JACKSON	1	0	0	0	0	2	0.0	0.0	0.0	0.0	5.4
JOHNSTON	4	4	9	12	10	5	2.8	6.2	7.9	6.4	3.2
JONES	6	0	1	0	1	0	0.0	9.9	0.0	9.9	0.0

Table 11. (Continued) North Carolina Early Syphilis (Primary, Secondary, Early Latent) Cases by County of Report, 2004-2008

COUNTY/REGION		2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
		Cases	Cases	Cases	Cases	Cases	Rate*	Rate*	Rate*	Rate*	Rate*
LEE	4	0	3	4	0	1	0.0	5.4	7.0	0.0	1.7
LENOIR	6	5	5	1	5	3	8.7	8.7	1.8	8.8	5.3
LINCOLN	2	1	0	0	1	1	1.5	0.0	0.0	1.4	1.4
MACON	1	0	1	0	0	0	0.0	3.1	0.0	0.0	0.0
MADISON	1	0	0	0	0	1	0.0	0.0	0.0	0.0	4.9
MARTIN	6	2	0	2	1	2	8.2	0.0	8.4	4.2	8.5
MCDOWELL	1	0	2	0	1	1	0.0	4.6	0.0	2.3	2.3
MECKLENBURG	2	82	142	188	141	91	10.6	17.7	22.5	16.3	10.5
MITCHELL	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
MONTGOMERY	5	0	1	1	0	0	0.0	3.7	3.7	0.0	0.0
MOORE	5	5	1	1	3	5	6.3	1.2	1.2	3.6	5.9
NASH	6	2	3	16	15	16	2.2	3.3	17.5	16.1	17.2
NEW HANOVER	7	6	8	12	35	22	3.4	4.4	6.4	18.4	11.6
NORTHAMPTON	6	0	0	3	0	2	0.0	0.0	14.4	0.0	9.6
ONSLow	7	0	0	3	3	2	0.0	0.0	1.9	1.8	1.2
ORANGE	4	1	0	5	8	3	0.8	0.0	4.1	6.4	2.4
PAMLICO	6	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
PASQUOTANK	6	1	0	1	0	0	2.7	0.0	2.5	0.0	0.0
PENDER	7	0	0	0	1	5	0.0	0.0	0.0	2.0	10.0
PERQUIMANS	6	0	0	2	0	0	0.0	0.0	16.5	0.0	0.0
PERSON	4	1	0	4	0	0	2.7	0.0	10.8	0.0	0.0
PITT	6	2	2	5	7	12	1.4	1.4	3.4	4.6	7.9
POLK	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
RANDOLPH	3	2	11	4	2	1	1.5	8.0	2.9	1.4	0.7
RICHMOND	5	3	0	0	0	1	6.5	0.0	0.0	0.0	2.2
ROBESON	5	51	20	4	15	5	40.9	15.8	3.1	11.7	3.9
ROCKINGHAM	3	3	2	3	5	4	3.3	2.2	3.3	5.4	4.3
ROWAN	2	3	4	1	5	0	2.3	3.0	0.7	3.6	0.0
RUTHERFORD	1	2	1	0	1	0	3.2	1.6	0.0	1.6	0.0
SAMPSON	7	1	2	1	3	2	1.6	3.2	1.6	4.7	3.1
SCOTLAND	5	1	2	0	1	1	2.7	5.5	0.0	2.7	2.7
STANLY	2	0	1	3	3	1	0.0	1.7	5.1	5.1	1.7
STOKES	3	0	3	0	0	3	0.0	6.6	0.0	0.0	6.5
SURRY	3	2	1	3	0	2	2.8	1.4	4.2	0.0	2.8
SWAIN	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
TRANSYLVANIA	1	2	0	0	1	0	6.8	0.0	0.0	3.3	0.0
TYRRELL	6	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
UNION	2	3	4	3	0	2	2.0	2.5	1.7	0.0	1.1
VANCE	4	1	4	3	0	2	2.3	9.3	7.0	0.0	4.7
WAKE	4	44	65	60	39	37	6.1	8.6	7.6	4.7	4.4
WARREN	4	4	1	0	0	0	20.3	5.1	0.0	0.0	0.0
WASHINGTON	6	0	1	0	2	0	0.0	7.6	0.0	15.5	0.0
WATAUGA	3	1	0	2	0	0	2.3	0.0	4.5	0.0	0.0
WAYNE	6	3	5	15	17	28	2.6	4.4	13.3	15.0	24.7
WILKES	3	1	1	0	0	1	1.5	1.5	0.0	0.0	1.5
WILSON	4	21	5	5	3	5	27.9	6.6	6.6	3.9	6.5
YADKIN	3	1	2	0	2	0	2.7	5.4	0.0	5.3	0.0
YANCEY	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
UNKNOWN		0	0	0	1	1	---	---	---	---	---
NC TOTAL		453	489	602	569	509	5.3	5.6	6.8	6.3	5.6

*per 100,000 population

Table 12. N.C. Adult/Adolescent HIV Disease† Cases by Gender and Race/Ethnicity by Year Of Diagnosis, 2004-2008 (Updated 12/09)

Race/Ethnicity		2004	2004	2004	2005	2005	2005	2006	2006	2006	2007	2007	2007	2008	2008	2008
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	White**	335	21%	13.9	337	21%	13.8	343	20%	13.8	490	24%	19.5	418	21%	16.6
	Black**	718	46%	106.1	732	45%	106.1	732	43%	103.4	819	41%	113.6	869	45%	120.5
	Am.In/AN**	11	1%	27.8	14	1%	34.9	10	1%	24.5	6	0%	14.5	10	1%	24.2
	Asian,PI**	2	0%	3.4	8	0%	12.9	11	1%	16.8	9	0%	13.0	8	0%	11.6
	Hispanic	67	4%	30.4	103	6%	44.6	113	7%	46.0	127	6%	49.0	136	7%	52.5
	Unknown	1	0%	---	2	0%	---	3	0%	---	3	0%	---	19	1%	---
	Total	1,134	72%	33.3	1,196	73%	34.5	1,212	72%	34.2	1,454	72%	40.3	1,460	75%	40.5
Female	White**	65	4%	2.5	74	5%	2.8	71	4%	2.7	92	5%	3.4	82	4%	3.0
	Black**	349	22%	43.8	326	20%	40.1	363	22%	43.7	431	21%	50.7	380	19%	44.7
	Am.In/AN**	2	0%	4.7	9	1%	20.7	1	0%	2.3	5	0%	11.2	0	0%	0.0
	Asian,PI**	1	0%	1.6	4	0%	6.0	3	0%	4.3	1	0%	1.4	2	0%	2.7
	Hispanic	27	2%	18.7	24	1%	15.5	31	2%	18.5	35	2%	19.2	22	1%	12.1
	Unknown	0	0%	---	0	0%	---	2	0%	---	3	0%	---	6	0%	---
	Total	444	28%	12.2	437	27%	11.8	471	28%	12.5	567	28%	14.7	492	25%	12.8
Total	White**	400	25%	8.0	411	25%	8.1	414	25%	8.1	582	29%	11.2	500	26%	9.6
	Black**	1,067	68%	72.4	1,058	65%	70.4	1,095	65%	71.1	1,250	62%	79.5	1,249	64%	79.5
	Am.In/AN**	13	1%	15.8	23	1%	27.5	11	1%	12.9	11	1%	12.8	10	1%	11.6
	Asian,PI**	3	0%	2.4	12	1%	9.3	14	1%	10.3	10	0%	7.0	10	1%	7.0
	Hispanic	94	6%	25.8	127	8%	32.9	144	9%	34.8	162	8%	36.7	158	8%	35.8
	Unknown	1	0%	---	2	0%	---	5	0%	---	6	0%	---	25	1%	---
	Total	1,578	100%	22.4	1,633	100%	22.8	1,683	100%	23.0	2,021	100%	27.1	1,952	100%	26.2

**non Hispanic; Am. In/AN= American Indian/Alaskan Native; Asian, PI= Asian/Pacific Islander

†HIV Disease includes all newly diagnosed HIV infected individuals by the date of first diagnosis (HIV or AIDS)

Table 13. N.C. Adult/Adolescent HIV Disease† Cases by Gender and Age by Year of Diagnosis, 2004-2008 (Updated 12/09)

Age		2004	2004	2004	2005	2005	2005	2006	2006	2006	2007	2007	2007	2008	2008	2008
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	13-14	2	0%	1.6	1	0%	0.8	1	0%	0.8	1	0%	0.8	0	0%	0.0
	15-19	29	2%	9.9	50	3%	16.5	46	3%	14.8	78	4%	24.6	64	3%	20.2
	20-24	125	8%	40.2	135	8%	43.3	146	9%	44.9	170	8%	53.2	192	10%	60.1
	25-29	118	7%	40.7	133	8%	45.8	172	10%	57.7	186	9%	61.7	202	10%	67.0
	30-34	148	9%	46.5	175	11%	56.2	143	8%	46.6	162	8%	53.3	156	8%	51.3
	35-39	184	12%	58.6	176	11%	55.3	188	11%	57.4	195	10%	58.2	171	9%	51.0
	40-44	202	13%	61.4	198	12%	60.0	183	11%	55.4	224	11%	67.8	215	11%	65.0
	45-54	220	14%	37.7	229	14%	38.2	245	15%	39.8	305	15%	48.2	324	17%	51.2
	55-64	86	5%	20.3	80	5%	18.0	72	4%	15.5	110	5%	22.6	111	6%	22.8
	65+	20	1%	4.7	18	1%	4.2	16	1%	3.6	23	1%	5.0	25	1%	5.5
	Unknown	0	0%	---	1	0%	---	0	0%	---	0	0%	---	0	0%	---
	Total	1,134	72%	33.3	1,196	73%	34.5	1,212	72%	34.2	1,454	72%	40.3	1,460	75%	40.5
Female	13-14	2	0%	1.7	2	0%	1.7	3	0%	2.5	0	0%	0.0	1	0%	0.8
	15-19	19	1%	6.8	16	1%	5.6	25	1%	8.5	22	1%	7.3	20	1%	6.6
	20-24	39	2%	13.7	49	3%	17.3	44	3%	15.4	59	3%	20.3	33	2%	11.4
	25-29	45	3%	15.6	62	4%	21.1	47	3%	15.5	59	3%	19.2	55	3%	17.9
	30-34	62	4%	19.8	59	4%	19.0	51	3%	16.7	68	3%	22.2	62	3%	20.2
	35-39	83	5%	26.4	70	4%	22.1	67	4%	20.5	91	5%	27.1	63	3%	18.8
	40-44	70	4%	20.6	67	4%	19.7	70	4%	20.6	91	5%	26.8	96	5%	28.2
	45-54	94	6%	15.2	79	5%	12.5	120	7%	18.4	123	6%	18.4	115	6%	17.2
	55-64	22	1%	4.7	26	2%	5.3	38	2%	7.4	39	2%	7.3	38	2%	7.1
	65+	7	0%	1.1	7	0%	1.1	6	0%	0.9	15	1%	2.3	9	0%	1.4
	Unknown	1	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
	Total	444	28%	12.2	437	27%	11.8	471	28%	12.5	567	28%	14.7	492	25%	12.8

Table 13. (Cont.) N.C. Adult/Adolescent HIV Disease† Cases by Gender and Age by Year of Diagnosis, 2004-2008 (Updated 12/09)

Age		2004	2004	2004	2005	2005	2005	2006	2006	2006	2007	2007	2007	2008	2008	2008
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Total	13-14	4	0%	1.6	3	0%	1.2	4	0%	1.7	1	0%	0.4	1	0%	0.4
	15-19	48	3%	8.4	66	4%	11.2	71	4%	11.7	100	5%	16.1	84	4%	13.5
	20-24	164	10%	27.6	184	11%	30.9	190	11%	31.1	229	11%	37.5	225	12%	36.9
	25-29	163	10%	28.2	195	12%	33.4	219	13%	36.4	245	12%	40.3	257	13%	42.2
	30-34	210	13%	33.3	234	14%	37.6	194	12%	31.7	230	11%	37.7	218	11%	35.7
	35-39	267	17%	42.5	246	15%	38.7	255	15%	39.0	286	14%	42.6	234	12%	34.9
	40-44	272	17%	40.7	265	16%	39.5	253	15%	37.8	315	16%	47.0	311	16%	46.4
	45-54	314	20%	26.1	308	19%	25.0	365	22%	28.8	428	21%	32.9	439	22%	33.8
	55-64	108	7%	12.2	106	6%	11.4	110	7%	11.3	149	7%	14.6	149	8%	14.6
	65+	27	2%	2.6	25	2%	2.4	22	1%	2.0	38	2%	3.4	34	2%	3.1
	Unknown	1	0%	---	1	0%	---	0	0%	---	0	0%	---	0	0%	---
Total		1,578	100%	22.4	1,633	100%	22.8	1,683	100%	23.0	2,021	100%	27.1	1,952	100%	26.2

†HIV Disease includes all diagnosed HIV infected individuals by the date of first diagnosis (HIV or AIDS)

Table 14. N.C. Adult/Adolescent HIV Disease† Cases by Gender and Mode of Transmission by Year of Diagnosis, 2004-2008 (Updated 12/09)

Mode of Exposure*		2004		2005		2006		2007		2008	
		Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct
Male	MSM	540	34%	580	36%	617	37%	747	37%	760	39%
	IDU	67	4%	48	3%	30	2%	39	2%	37	2%
	MSM/IDU	23	1%	13	1%	21	1%	19	1%	25	1%
	Blood Products	3	0%	---	---	1	0%	1	0%	1	0%
	Heterosexual-CDC	119	8%	93	6%	75	4%	55	3%	103	5%
	NIR/NRR	234	15%	318	19%	325	19%	441	22%	403	21%
	Presumed Heterosexual	148	9%	143	9%	143	8%	152	8%	131	7%
	Total	1,134	72%	1,195	73%	1,212	72%	1,454	72%	1,460	75%
Female	IDU	34	2%	31	2%	19	1%	21	1%	26	1%
	Blood Products	1	0%	3	0%	1	0%	1	0%	---	---
	Heterosexual-CDC	165	10%	110	7%	92	5%	115	6%	135	7%
	NIR/NRR	152	10%	192	12%	254	15%	281	14%	220	11%
	Presumed Heterosexual	91	6%	101	6%	105	6%	149	7%	111	6%
	Total	443	28%	437	27%	471	28%	567	28%	492	25%
Total	MSM	540	34%	580	36%	617	37%	747	37%	760	39%
	IDU	101	6%	79	5%	49	3%	60	3%	63	3%
	MSM/IDU	23	1%	13	1%	21	1%	19	1%	25	1%
	Blood Products	4	0%	3	0%	2	0%	2	0%	1	0%
	Heterosexual-CDC	284	18%	203	12%	167	10%	170	8%	238	12%
	NIR/NRR	386	24%	510	31%	579	34%	722	36%	623	32%
	Presumed Heterosexual	239	15%	244	15%	248	15%	301	15%	242	12%
	Total	1,577	100%	1,632	100%	1,683	100%	2,021	100%	1,952	100%

*MSM= men who have sex with men; IDU= intravenous drug use; "Blood products" includes adult hemophilia; "Presumed Heterosexual" includes cases initially classified as "NIR" with additional risk information consistent with heterosexual transmission; NIR= no identified risk reported †HIV Disease includes all newly diagnosed HIV infected individuals by the date of first diagnosis (HIV or AIDS)

Table 15. N.C. Adult/Adolescent AIDS Cases by Gender and Race/Ethnicity by Year of AIDS Diagnosis, 2004-2008 (Updated 12/09)

Race/Ethnicity		2004	2004	2004	2005	2005	2005	2006	2006	2006	2007	2007	2007	2008	2008	2008
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	White**	156	20%	6.5	171	19%	7.0	154	17%	6.2	164	18%	6.5	178	19%	7.1
	Black**	374	48%	55.3	389	44%	56.4	416	46%	58.8	398	45%	55.2	434	45%	60.2
	Am.In/AN**	9	1%	22.7	6	1%	15.0	9	1%	22.0	2	0%	4.8	6	1%	14.5
	Asian,PI**	3	0%	5.1	1	0%	1.6	4	0%	6.1	2	0%	2.9	1	0%	1.4
	Hispanic	23	3%	10.5	40	4%	17.3	69	8%	28.1	56	6%	21.6	65	7%	25.1
	Unknown	0	0%	---	3	0%	---	2	0%	---	2	0%	---	4	0%	---
	Total	565	72%	16.6	610	68%	17.6	654	72%	18.4	624	70%	17.3	688	72%	19.1
Female	White**	35	4%	1.4	36	4%	1.4	39	4%	1.5	41	5%	1.5	34	4%	1.3
	Black**	175	22%	22.0	232	26%	28.5	191	21%	23.0	205	23%	24.1	225	23%	26.4
	Am.In/AN**	1	0%	2.3	3	0%	6.9	2	0%	4.5	6	1%	13.4	0	0%	0.0
	Asian,PI**	0	0%	0.0	1	0%	1.5	2	0%	2.9	1	0%	1.4	0	0%	0.0
	Hispanic	6	1%	4.2	10	1%	6.4	18	2%	10.7	11	1%	6.0	11	1%	6.0
	Unknown	2	0%	---	1	0%	---	0	0%	---	2	0%	---	3	0%	---
	Total	219	28%	6.0	283	32%	7.7	252	28%	6.7	266	30%	6.9	273	28%	7.1
Total	White**	191	24%	3.8	207	23%	4.1	193	21%	3.8	205	23%	3.9	212	22%	4.1
	Black**	549	70%	37.3	621	70%	41.3	607	67%	39.4	603	68%	38.4	659	69%	41.9
	Am.In/AN**	10	1%	12.1	9	1%	10.8	11	1%	12.9	8	1%	9.3	6	1%	7.0
	Asian,PI**	3	0%	2.4	2	0%	1.6	6	1%	4.4	3	0%	2.1	1	0%	0.7
	Hispanic	29	4%	8.0	50	6%	12.9	87	10%	21.1	67	8%	15.2	76	8%	17.2
	Unknown	2	0%	---	4	0%	---	2	0%	---	4	0%	---	7	1%	---
	Total	784	100%	11.1	893	100%	12.5	906	100%	12.4	890	100%	11.9	961	100%	12.9

**non Hispanic; Am. In/AN= American Indian/Alaskan Native; Asian, PI= Asian/Pacific Islander

Table 16. N.C. Adult/Adolescent AIDS Cases by Gender and Age by Year of AIDS Diagnosis, 2004-2008 (Updated 12/09)

Age		2004	2004	2004	2005	2005	2005	2006	2006	2006	2007	2007	2007	2008	2008	2008
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	13-14	2	0%	1.6	2	0%	1.6	0	0%	0.0	0	0%	0.0	0	0%	0.0
	15-19	4	1%	1.4	4	0%	1.3	8	1%	2.6	5	1%	1.6	7	1%	2.2
	20-24	19	2%	6.1	24	3%	7.7	34	4%	10.5	27	3%	8.4	30	3%	9.4
	25-29	48	6%	16.6	50	6%	17.2	73	8%	24.5	67	8%	22.2	58	6%	19.2
	30-34	67	9%	21.1	78	9%	25.0	90	10%	29.3	72	8%	23.7	86	9%	28.3
	35-39	104	13%	33.1	96	11%	30.2	116	13%	35.4	94	11%	28.0	103	11%	30.7
	40-44	119	15%	36.2	132	15%	40.0	116	13%	35.1	124	14%	37.5	119	12%	36.0
	45-54	140	18%	24.0	150	17%	25.0	151	17%	24.6	184	21%	29.1	189	20%	29.9
	55-64	48	6%	11.3	60	7%	13.5	52	6%	11.2	42	5%	8.6	77	8%	15.8
	65+	14	2%	3.3	14	2%	3.2	14	2%	3.2	9	1%	2.0	16	2%	3.5
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
	Total	565	72%	16.6	610	68%	17.6	654	72%	18.4	624	70%	17.3	685	72%	19.0
Female	13-14	0	0%	0.0	0	0%	0.0	1	0%	0.8	1	0%	0.8	0	0%	0.0
	15-19	0	0%	0.0	1	0%	0.3	4	0%	1.4	1	0%	0.3	4	0%	1.3
	20-24	11	1%	3.9	10	1%	3.5	9	1%	3.2	11	1%	3.8	7	1%	2.4
	25-29	14	2%	4.8	34	4%	11.6	20	2%	6.6	13	1%	4.2	21	2%	6.8
	30-34	29	4%	9.3	33	4%	10.6	31	3%	10.1	32	4%	10.4	30	3%	9.8
	35-39	54	7%	17.2	57	6%	18.0	50	6%	15.3	55	6%	16.4	48	5%	14.3
	40-44	34	4%	10.0	51	6%	15.0	46	5%	13.6	49	6%	14.4	63	7%	18.5
	45-54	54	7%	8.7	75	8%	11.8	59	7%	9.1	79	9%	11.8	66	7%	9.9
	55-64	15	2%	3.2	18	2%	3.7	29	3%	5.7	18	2%	3.4	23	2%	4.3
	65+	8	1%	1.3	4	0%	0.6	3	0%	0.5	7	1%	1.1	6	1%	0.9
	Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
	Total	219	28%	6.0	283	32%	7.7	252	28%	6.7	266	30%	6.9	268	28%	7.0

*per 100,000 population

Table 16. (Cont.) N.C. Adult/Adolescent AIDS Cases by Gender and Age by Year of AIDS Diagnosis, 2004-2008 (Updated 12/09)

Age	2004	2004	2004	2005	2005	2005	2006	2006	2006	2007	2007	2007	2008	2008	2008
	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Total															
13-14	2	0%	0.8	2	0%	0.8	1	0%	0.4	1	0%	0.4	0	0%	0.0
15-19	4	1%	0.7	5	1%	0.8	12	1%	2.0	6	1%	1.0	11	1%	1.8
20-24	30	4%	5.0	34	4%	5.7	43	5%	7.0	38	4%	6.2	37	4%	6.1
25-29	62	8%	10.7	84	9%	14.4	93	10%	15.5	80	9%	13.1	79	8%	13.0
30-34	96	12%	15.2	111	12%	17.9	121	13%	19.7	104	12%	17.0	116	12%	19.0
35-39	158	20%	25.2	153	17%	24.1	166	18%	25.4	149	17%	22.2	151	16%	22.5
40-44	153	20%	22.9	183	20%	27.3	162	18%	24.2	173	19%	25.8	182	19%	27.1
45-54	194	25%	16.1	225	25%	18.2	210	23%	16.6	263	30%	20.2	255	27%	19.6
55-64	63	8%	7.1	78	9%	8.4	81	9%	8.3	60	7%	5.9	100	10%	9.8
65+	22	3%	2.1	18	2%	1.7	17	2%	1.6	16	2%	1.5	22	2%	2.0
Unknown	0	0%	---	0	0%	---	0	0%	---	0	0%	---	0	0%	---
Total	784	100%	11.1	893	100%	12.5	906	100%	12.4	890	100%	11.9	953	100%	12.8

*per 100,000 population

**Table 17. N.C. Adult/Adolescent AIDS Cases by Gender and Mode of Transmission by Year of AIDS Diagnosis, 2004-2008
(Updated 12/09)**

Mode of Exposure*		2004		2005		2006		2007		2008	
		Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct
Male	MSM	225	29%	247	28%	266	29%	269	30%	297	31%
	IDU	54	7%	48	5%	41	5%	29	3%	32	3%
	MSM/IDU	13	2%	12	1%	13	1%	19	2%	14	1%
	Blood Products	2	0%	4	0%	---	---	---	---	1	0%
	Heterosexual-CDC	64	8%	64	7%	64	7%	39	4%	80	8%
	NIR/NRR	147	19%	171	19%	187	21%	174	20%	191	20%
	Presumed Heterosexual	60	8%	64	7%	83	9%	94	11%	73	8%
	Total	565	72%	610	68%	654	72%	624	70%	688	72%
Female	IDU	25	3%	26	3%	23	3%	25	3%	26	3%
	Blood Products	2	0%	2	0%	1	0%	---	---	1	0%
	Heterosexual-CDC	84	11%	90	10%	65	7%	73	8%	86	9%
	NIR/NRR	75	10%	119	13%	114	13%	105	12%	117	12%
	Presumed Heterosexual	33	4%	46	5%	49	5%	63	7%	43	5%
	Total	219	28%	283	32%	252	28%	266	30%	273	28%
Total	MSM	225	29%	247	28%	266	29%	269	30%	297	31%
	IDU	79	10%	74	8%	64	7%	54	6%	58	6%
	MSM/IDU	13	2%	12	1%	13	1%	19	2%	14	1%
	Blood Products	4	1%	6	1%	1	0%	---	---	2	0%
	Heterosexual-CDC	148	19%	154	17%	129	14%	112	13%	166	17%
	NIR/NRR	222	28%	290	32%	301	33%	279	31%	308	32%
	Presumed Heterosexual	93	12%	110	12%	132	15%	157	18%	116	12%
Total	784	100%	893	100%	906	100%	890	100%	961	100%	

*MSM= men who have sex with men; IDU= intravenous drug use; "Blood products" includes adult hemophilia; "Presumed Heterosexual" includes cases initially classified as "NIR" with additional risk information consistent with heterosexual transmission; NIR= no identified risk reported

Table 18. North Carolina Chlamydia Cases by Gender and Race/Ethnicity, 2004-2008

Race/Ethnicity		2004	2004	2004	2005	2005	2005	2006	2006	2006	2007	2007	2007	2008	2008	2008
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	White**	1,184	4%	41.1	1,186	4%	40.7	1,359	4%	45.8	1,030	3%	34.3	1,048	3%	34.9
	Black**	3,343	12%	383.7	3,642	12%	411.7	4,056	12%	448.5	3,480	11%	377.6	3,474	9%	376.9
	Am.In/AN**	37	0%	74.0	41	0%	81.5	36	0%	70.6	33	0%	64.1	51	0%	99.0
	Asian,PI**	30	0%	39.8	42	0%	53.2	37	0%	44.3	49	0%	55.7	34	0%	38.6
	Hispanic	402	1%	135.8	413	1%	131.2	535	2%	158.3	492	2%	136.4	438	1%	121.4
	Unknown	67	0%	---	157	1%	---	290	1%	---	409	1%	---	1,495	4%	---
	Total	5,063	17%	121.2	5,481	18%	129.2	6,313	19%	145.4	5,493	18%	124.1	6,540	17%	147.7
Female	White**	6,357	22%	209.9	6,754	22%	220.5	7,148	21%	230.0	6,276	21%	198.5	6,423	17%	203.1
	Black**	15,114	52%	1532.9	15,697	50%	1566.4	16,094	48%	1573.5	14,019	46%	1339.9	15,104	40%	1443.6
	Am.In/AN**	356	1%	673.2	424	1%	793.8	331	1%	613.3	337	1%	616.5	448	1%	819.6
	Asian,PI**	177	1%	222.7	203	1%	243.2	193	1%	219.6	156	1%	168.0	211	1%	227.2
	Hispanic	1,735	6%	803.8	1,900	6%	812.2	2,048	6%	805.3	1,807	6%	650.6	1,977	5%	711.8
	Unknown	196	1%	---	726	2%	---	1,487	4%	---	2,516	8%	---	6,852	18%	---
	Total	23,935	83%	548.7	25,704	82%	579.4	27,301	81%	603.1	25,111	82%	541.9	31,015	83%	669.4
Total	White**	7,541	26%	127.6	7,940	25%	132.8	8,507	25%	140.1	7,306	24%	118.5	7,471	20%	121.1
	Black**	18,457	64%	993.8	19,339	62%	1025.0	20,150	60%	1045.6	17,505	57%	889.5	18,578	49%	944.0
	Am.In/AN**	393	1%	381.9	465	1%	448.3	367	1%	349.6	370	1%	348.4	499	1%	469.9
	Asian,PI**	207	1%	133.7	245	1%	150.9	230	1%	134.1	205	1%	113.3	245	1%	135.4
	Hispanic	2,137	7%	417.5	2,313	7%	421.5	2,583	8%	436.2	2,299	8%	360.1	2,415	6%	378.3
	Unknown	263	1%	---	883	3%	---	1,777	5%	---	2,927	10%	---	8,347	22%	---
	Total	28,998	100%	339.6	31,185	100%	359.3	33,614	100%	379.0	30,612	100%	337.8	37,555	100%	414.5

**non Hispanic; Am. In/AN= American Indian/Alaskan Native; Asian, PI= Asian/Pacific Islander

Table 19. North Carolina Chlamydia Cases by Gender and Age, 2004-2008

Age	2004	2004	2004	2005	2005	2005	2006	2006	2006	2007	2007	2007	2008	2008	2008	
	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	
Male	10-14	28	0%	9.3	25	0%	8.3	25	0%	8.3	24	0%	7.9	16	0%	5.3
	15-19	1,031	4%	350.5	1,150	4%	379.8	1,338	4%	430.0	1,236	4%	389.2	1,460	4%	459.7
	20-24	2,125	7%	683.9	2,239	7%	717.9	2,571	8%	791.2	2,167	7%	678.1	2,670	7%	835.5
	25-29	925	3%	319.1	1,013	3%	348.8	1,230	4%	412.3	1,037	3%	344.0	1,161	3%	385.1
	30-34	437	2%	137.4	492	2%	157.9	537	2%	174.9	459	1%	150.9	550	1%	180.8
	35-39	233	1%	74.3	247	1%	77.7	310	1%	94.7	254	1%	75.8	308	1%	91.9
	40-44	139	0%	42.2	143	0%	43.3	132	0%	39.9	138	0%	41.7	171	0%	51.7
	45-54	97	0%	16.6	124	0%	20.7	141	0%	22.9	138	0%	21.8	129	0%	20.4
	55-64	23	0%	5.4	21	0%	4.7	14	0%	3.0	27	0%	5.5	32	0%	6.6
	65+	6	0%	1.4	13	0%	3.0	10	0%	2.3	6	0%	1.3	10	0%	2.2
	Total	5,063	17%	121.2	5,481	18%	129.2	6,313	19%	145.4	5,493	18%	124.1	6,540	17%	147.7
Female	10-14	505	2%	174.6	487	2%	169.3	444	1%	154.5	319	1%	110.1	369	1%	127.4
	15-19	9,704	33%	3486.2	10,367	33%	3607.4	10,812	32%	3660.1	9,689	32%	3203.7	12,002	32%	3968.6
	20-24	8,760	30%	3087.4	9,541	31%	3365.4	10,135	30%	3555.9	9,381	31%	3229.5	11,737	31%	4040.6
	25-29	3,017	10%	1043.6	3,328	11%	1133.3	3,638	11%	1201.1	3,414	11%	1111.7	4,178	11%	1360.4
	30-34	1,212	4%	386.8	1,138	4%	366.9	1,305	4%	426.9	1,354	4%	441.5	1,520	4%	495.7
	35-39	401	1%	127.7	498	2%	156.9	554	2%	169.5	529	2%	157.6	677	2%	201.7
	40-44	180	1%	53.0	171	1%	50.2	210	1%	61.9	233	1%	68.5	263	1%	77.4
	45-54	98	0%	15.8	118	0%	18.6	158	0%	24.3	144	0%	21.6	159	0%	23.8
	55-64	18	0%	3.9	18	0%	3.7	24	0%	4.7	27	0%	5.0	29	0%	5.4
	65+	10	0%	1.6	6	0%	1.0	3	0%	0.5	3	0%	0.5	2	0%	0.3
	Total	23,935	83%	548.7	25,704	82%	579.4	27,301	81%	603.1	25,111	82%	541.9	31,015	83%	669.4

*per 100,000 population

Table 19. (Continued) North Carolina Chlamydia Cases by Gender and Age, 2004-2008

Age	2004	2004	2004	2005	2005	2005	2006	2006	2006	2007	2007	2007	2008	2008	2008	
	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	
Total	10-14	533	2%	90.1	512	2%	86.8	469	1%	79.5	343	1%	57.8	385	1%	64.9
	15-19	10,735	37%	1875.0	11,517	37%	1951.5	12,150	36%	2003.1	10,928	36%	1762.5	13,462	36%	2171.2
	20-24	10,885	38%	1831.1	11,780	38%	1978.5	12,706	38%	2083.1	11,551	38%	1893.4	14,407	38%	2361.6
	25-29	3,942	14%	680.9	4,341	14%	743.3	4,868	14%	809.7	4,453	15%	731.7	5,339	14%	877.3
	30-34	1,649	6%	261.2	1,630	5%	262.2	1,842	5%	300.6	1,813	6%	296.8	2,070	6%	338.9
	35-39	634	2%	101.0	745	2%	117.2	864	3%	132.1	783	3%	116.7	985	3%	146.8
	40-44	319	1%	47.7	314	1%	46.8	342	1%	51.1	371	1%	55.3	434	1%	64.7
	45-54	195	1%	16.2	242	1%	19.6	299	1%	23.6	282	1%	21.7	288	1%	22.1
	55-64	41	0%	4.6	39	0%	4.2	38	0%	3.9	54	0%	5.3	61	0%	6.0
	65+	16	0%	1.5	19	0%	1.8	13	0%	1.2	9	0%	0.8	12	0%	1.1
Total	28,998	100%	339.6	31,185	100%	359.3	33,614	100%	379.0	30,612	100%	337.8	37,555	100%	414.5	

*per 100,000 population

Table 20. North Carolina Gonorrhea Cases by Gender and Race/Ethnicity, 2004-2008

Race/Ethnicity		2004	2004	2004	2005	2005	2005	2006	2006	2006	2007	2007	2007	2008	2008	2008
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	White**	866	6%	30.0	915	6%	31.4	981	6%	33.1	823	5%	27.4	549	4%	18.3
	Black**	6,554	43%	752.3	6,072	40%	686.4	6,888	40%	761.6	5,971	36%	647.9	4,517	30%	490.1
	Am.In/AN**	76	1%	152.0	77	1%	153.0	60	0%	117.6	63	0%	122.3	80	1%	155.3
	Asian,PI**	24	0%	31.9	25	0%	31.7	21	0%	25.1	27	0%	30.7	18	0%	20.4
	Hispanic	219	1%	74.0	245	2%	77.8	276	2%	81.7	233	1%	64.6	166	1%	46.0
	Unknown	72	0%	---	190	1%	---	364	2%	---	606	4%	---	1,192	8%	---
	Total	7,811	51%	187.0	7,524	50%	177.3	8,590	50%	197.8	7,723	46%	174.4	6,522	44%	147.3
Female	White**	1,542	10%	50.9	1,557	10%	50.8	1,830	11%	58.9	1,768	11%	55.9	1,317	9%	41.7
	Black**	5,481	36%	555.9	5,469	36%	545.8	6,061	35%	592.6	5,892	35%	563.1	4,953	33%	473.4
	Am.In/AN**	115	1%	217.5	121	1%	226.5	97	1%	179.7	131	1%	239.6	192	1%	351.2
	Asian,PI**	27	0%	34.0	34	0%	40.7	34	0%	38.7	39	0%	42.0	29	0%	31.2
	Hispanic	167	1%	77.4	154	1%	65.8	184	1%	72.4	167	1%	60.1	209	1%	75.3
	Unknown	55	0%	---	210	1%	---	513	3%	---	939	6%	---	1,644	11%	---
	Total	7,387	49%	169.3	7,545	50%	170.1	8,719	50%	192.6	8,936	54%	192.9	8,344	56%	180.1
Total	White**	2,408	16%	40.7	2,472	16%	41.4	2,811	16%	46.3	2,591	16%	42.0	1,866	13%	30.3
	Black**	12,035	79%	648.0	11,541	77%	611.7	12,949	75%	671.9	11,863	71%	602.8	9,470	64%	481.2
	Am.In/AN**	191	1%	185.6	198	1%	190.9	157	1%	149.5	194	1%	182.7	272	2%	256.2
	Asian,PI**	51	0%	32.9	59	0%	36.3	55	0%	32.1	66	0%	36.5	47	0%	26.0
	Hispanic	386	3%	75.4	399	3%	72.7	460	3%	77.7	400	2%	62.7	375	3%	58.7
	Unknown	127	1%	---	400	3%	---	877	5%	---	1,545	9%	---	2,836	19%	---
	Total	15,198	100%	178.0	15,069	100%	173.6	17,309	100%	195.2	16,659	100%	183.9	14,866	100%	164.1

* per 100,000 population

**non Hispanic; Am. In/AN= American Indian/Alaskan Native; Asian, PI= Asian/Pacific Islander

Table 21. North Carolina Gonorrhea Cases by Gender and Age, 2004-2008

Age		2004	2004	2004	2005	2005	2005	2006	2006	2006	2007	2007	2007	2008	2008	2008
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	10-14	19	0%	6.3	23	0%	7.6	27	0%	8.9	19	0%	6.3	20	0%	6.6
	15-19	1,214	8%	412.7	1,116	7%	368.6	1,369	8%	440.0	1,257	8%	395.8	1,129	8%	355.5
	20-24	2,537	17%	816.5	2,196	15%	704.1	2,578	15%	793.4	2,346	14%	734.1	2,144	14%	670.9
	25-29	1,539	10%	530.9	1,479	10%	509.3	1,724	10%	577.9	1,449	9%	480.6	1,229	8%	407.6
	30-34	915	6%	287.7	882	6%	283.1	981	6%	319.4	906	5%	297.9	713	5%	234.4
	35-39	548	4%	174.6	599	4%	188.4	658	4%	201.0	578	3%	172.5	436	3%	130.1
	40-44	418	3%	127.0	513	3%	155.5	461	3%	139.4	452	3%	136.7	317	2%	95.9
	45-54	459	3%	78.6	521	3%	87.0	576	3%	93.7	503	3%	79.5	398	3%	62.9
	55-64	132	1%	31.1	159	1%	35.8	168	1%	36.1	172	1%	35.3	86	1%	17.7
	65+	25	0%	5.9	33	0%	7.6	45	0%	10.2	39	0%	8.5	24	0%	5.3
	Total	7,811	51%	187.0	7,524	50%	177.3	8,590	50%	197.8	7,723	46%	174.4	6,522	44%	147.3
Female	10-14	144	1%	49.8	135	1%	46.9	150	1%	52.2	117	1%	40.4	86	1%	29.7
	15-19	2,617	17%	940.2	2,573	17%	895.3	2,882	17%	975.6	2,911	17%	962.5	2,760	19%	912.6
	20-24	2,484	16%	875.5	2,577	17%	909.0	3,046	18%	1068.7	3,185	19%	1096.5	3,015	20%	1037.9
	25-29	1,138	7%	393.6	1,194	8%	406.6	1,375	8%	454.0	1,440	9%	468.9	1,332	9%	433.7
	30-34	509	3%	162.4	499	3%	160.9	571	3%	186.8	623	4%	203.2	567	4%	184.9
	35-39	238	2%	75.8	275	2%	86.6	348	2%	106.4	339	2%	101.0	278	2%	82.8
	40-44	138	1%	40.7	173	1%	50.8	197	1%	58.1	171	1%	50.3	150	1%	44.1
	45-54	94	1%	15.2	94	1%	14.8	128	1%	19.7	127	1%	19.0	113	1%	16.9
	55-64	13	0%	2.8	12	0%	2.5	14	0%	2.7	13	0%	2.4	12	0%	2.2
	65+	1	0%	0.2	4	0%	0.6	1	0%	0.2	2	0%	0.3	1	0%	0.2
	Total	7,387	49%	169.3	7,545	50%	170.1	8,719	50%	192.6	8,936	54%	192.9	8,344	56%	180.1

*per 100,000 population

Table 21. (Continued) North Carolina Gonorrhea Cases by Gender and Age, 2004-2008

Age	2004	2004	2004	2005	2005	2005	2006	2006	2006	2007	2007	2007	2008	2008	2008	
	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	
Total	10-14	163	1%	27.5	158	1%	26.8	177	1%	30.0	136	1%	22.9	106	1%	17.9
	15-19	3,831	25%	669.1	3,689	24%	625.1	4,251	25%	700.8	4,168	25%	672.2	3,889	26%	627.2
	20-24	5,021	33%	844.7	4,773	32%	801.7	5,624	32%	922.0	5,531	33%	906.6	5,159	35%	845.7
	25-29	2,677	18%	462.4	2,673	18%	457.7	3,099	18%	515.4	2,889	17%	474.7	2,561	17%	420.8
	30-34	1,424	9%	225.5	1,381	9%	222.1	1,552	9%	253.3	1,529	9%	250.3	1,280	9%	209.6
	35-39	786	5%	125.2	874	6%	137.5	1,006	6%	153.8	917	6%	136.7	714	5%	106.4
	40-44	556	4%	83.2	686	5%	102.3	658	4%	98.3	623	4%	92.9	467	3%	69.7
	45-54	553	4%	46.0	615	4%	49.9	704	4%	55.6	630	4%	48.4	511	3%	39.3
	55-64	145	1%	16.3	171	1%	18.4	182	1%	18.6	185	1%	18.1	98	1%	9.6
	65+	26	0%	2.5	37	0%	3.5	46	0%	4.3	41	0%	3.7	25	0%	2.3
Total	15,198	100%	178.0	15,069	100%	173.6	17,309	100%	195.2	16,659	100%	183.9	14,866	100%	164.1	

*per 100,000 population

Table 22. North Carolina Primary and Secondary Syphilis Cases by Gender and Race/Ethnicity, 2004-2008

Race/Ethnicity		2004	2004	2004	2005	2005	2005	2006	2006	2006	2007	2007	2007	2008	2008	2008
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	White**	48	25%	1.7	89	32%	3.1	85	28%	2.9	69	21%	2.3	63	22%	2.1
	Black**	87	45%	10.0	113	41%	12.8	152	49%	16.8	185	57%	20.1	168	59%	18.2
	Am.In/AN**	3	2%	6.0	0	0%	0.0	0	0%	0.0	1	0%	1.9	0	0%	0.0
	Asian,PI**	0	0%	0.0	0	0%	0.0	1	0%	1.2	0	0%	0.0	2	1%	2.3
	Hispanic	6	3%	2.0	13	5%	4.1	4	1%	1.2	9	3%	2.5	9	3%	2.5
	Unknown	0	0%	---	1	0%	---	1	0%	---	0	0%	---	1	0%	---
	Total	144	75%	3.4	216	79%	5.1	243	79%	5.6	264	81%	6.0	243	85%	5.5
Female	White**	6	3%	0.2	17	6%	0.6	9	3%	0.3	8	2%	0.3	10	3%	0.3
	Black**	38	20%	3.9	36	13%	3.6	55	18%	5.4	51	16%	4.9	30	10%	2.9
	Am.In/AN**	2	1%	3.8	3	1%	5.6	0	0%	0.0	0	0%	0.0	0	0%	0.0
	Asian,PI**	0	0%	0.0	1	0%	1.2	0	0%	0.0	0	0%	0.0	0	0%	0.0
	Hispanic	2	1%	0.9	0	0%	0.0	2	1%	0.8	1	0%	0.4	3	1%	1.1
	Unknown	0	0%	---	1	0%	---	0	0%	---	0	0%	---	1	0%	---
	Total	48	25%	1.1	58	21%	1.3	66	21%	1.5	60	19%	1.3	44	15%	0.9
Total	White**	54	28%	0.9	106	39%	1.8	94	30%	1.5	77	24%	1.2	73	25%	1.2
	Black**	125	65%	6.7	149	54%	7.9	207	67%	10.7	236	73%	12.0	198	69%	10.1
	Am.In/AN**	5	3%	4.9	3	1%	2.9	0	0%	0.0	1	0%	0.9	0	0%	0.0
	Asian,PI**	0	0%	0.0	1	0%	0.6	1	0%	0.6	0	0%	0.0	2	1%	1.1
	Hispanic	8	4%	1.6	13	5%	2.4	6	2%	1.0	10	3%	1.6	12	4%	1.9
	Unknown	0	0%	---	2	1%	---	1	0%	---	0	0%	---	2	1%	---
	Total	192	100%	2.2	274	100%	3.2	309	100%	3.5	324	100%	3.6	287	100%	3.2

* per 100,000 population

**non Hispanic; Am. In/AN= American Indian/Alaskan Native; Asian, PI= Asian/Pacific Islander

Table 23. North Carolina Primary and Secondary Syphilis Cases by Gender and Age, 2004-2008

Age		2004	2004	2004	2005	2005	2005	2006	2006	2006	2007	2007	2007	2008	2008	2008
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	10-14	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	15-19	4	2%	1.4	9	3%	3.0	12	4%	3.9	17	5%	5.4	21	7%	6.6
	20-24	19	10%	6.1	31	11%	9.9	30	10%	9.2	47	15%	14.7	52	18%	16.3
	25-29	25	13%	8.6	28	10%	9.6	39	13%	13.1	50	15%	16.6	31	11%	10.3
	30-34	19	10%	6.0	29	11%	9.3	34	11%	11.1	32	10%	10.5	19	7%	6.2
	35-39	30	16%	9.6	25	9%	7.9	44	14%	13.4	33	10%	9.8	39	14%	11.6
	40-44	20	10%	6.1	47	17%	14.2	37	12%	11.2	38	12%	11.5	31	11%	9.4
	45-54	19	10%	3.3	31	11%	5.2	34	11%	5.5	35	11%	5.5	39	14%	6.2
	55-64	7	4%	1.7	13	5%	2.9	9	3%	1.9	7	2%	1.4	9	3%	1.8
	65+	1	1%	0.2	2	1%	0.5	4	1%	0.9	5	2%	1.1	2	1%	0.4
	Total	144	75%	3.4	216	79%	5.1	243	79%	5.6	264	81%	6.0	243	85%	5.5
Female	10-14	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0	1	0%	0.3
	15-19	2	1%	0.7	5	2%	1.7	9	3%	3.0	1	0%	0.3	4	1%	1.3
	20-24	10	5%	3.5	10	4%	3.5	11	4%	3.9	17	5%	5.9	8	3%	2.8
	25-29	5	3%	1.7	5	2%	1.7	7	2%	2.3	5	2%	1.6	6	2%	2.0
	30-34	5	3%	1.6	3	1%	1.0	9	3%	2.9	7	2%	2.3	8	3%	2.6
	35-39	6	3%	1.9	12	4%	3.8	8	3%	2.4	8	2%	2.4	3	1%	0.9
	40-44	10	5%	2.9	14	5%	4.1	11	4%	3.2	14	4%	4.1	6	2%	1.8
	45-54	8	4%	1.3	8	3%	1.3	9	3%	1.4	8	2%	1.2	7	2%	1.0
	55-64	2	1%	0.4	1	0%	0.2	2	1%	0.4	0	0%	0.0	1	0%	0.2
	65+	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	Total	48	25%	1.1	58	21%	1.3	66	21%	1.5	60	19%	1.3	44	15%	0.9

*per 100,000 population

Table 23. (Continued) North Carolina Primary and Secondary Syphilis Cases by Gender and Age, 2004-2008

Age	2004	2004	2004	2005	2005	2005	2006	2006	2006	2007	2007	2007	2008	2008	2008
	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Total															
10-14	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0	1	0%	0.2
15-19	6	3%	1.0	14	5%	2.4	21	7%	3.5	18	6%	2.9	25	9%	4.0
20-24	29	15%	4.9	41	15%	6.9	41	13%	6.7	64	20%	10.5	60	21%	9.8
25-29	30	16%	5.2	33	12%	5.7	46	15%	7.7	55	17%	9.0	37	13%	6.1
30-34	24	13%	3.8	32	12%	5.1	43	14%	7.0	39	12%	6.4	27	9%	4.4
35-39	36	19%	5.7	37	14%	5.8	52	17%	7.9	41	13%	6.1	42	15%	6.3
40-44	30	16%	4.5	61	22%	9.1	48	16%	7.2	52	16%	7.8	37	13%	5.5
45-54	27	14%	2.2	39	14%	3.2	43	14%	3.4	43	13%	3.3	46	16%	3.5
55-64	9	5%	1.0	14	5%	1.5	11	4%	1.1	7	2%	0.7	10	3%	1.0
65+	1	1%	0.1	2	1%	0.2	4	1%	0.4	5	2%	0.5	2	1%	0.2
Total	192	100%	2.2	274	100%	3.2	309	100%	3.5	324	100%	3.6	287	100%	3.2

*per 100,000 population

Table 24. North Carolina Early Syphilis (Primary, Secondary, Early Latent) Cases by Gender and Race/Ethnicity, 2004-2008

Race/Ethnicity		2004	2004	2004	2005	2005	2005	2006	2006	2006	2007	2007	2007	2008	2008	2008
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	White**	77	17%	2.7	136	28%	4.7	125	21%	4.2	97	17%	3.2	95	19%	3.2
	Black**	211	47%	24.2	175	36%	19.8	281	47%	31.1	298	52%	32.3	279	55%	30.3
	Am.In/AN**	6	1%	12.0	0	0%	0.0	0	0%	0.0	2	0%	3.9	0	0%	0.0
	Asian,PI**	1	0%	1.3	2	0%	2.5	1	0%	1.2	1	0%	1.1	2	0%	2.3
	Hispanic	11	2%	3.7	28	6%	8.9	22	4%	6.5	23	4%	6.4	18	4%	5.0
	Unknown	0	0%	---	2	0%	---	1	0%	---	1	0%	---	1	0%	---
	Total	306	68%	7.3	343	70%	8.1	430	71%	9.9	422	74%	9.5	395	78%	8.9
Female	White**	20	4%	0.7	36	7%	1.2	25	4%	0.8	28	5%	0.9	22	4%	0.7
	Black**	106	23%	10.8	98	20%	9.8	129	21%	12.6	104	18%	9.9	82	16%	7.8
	Am.In/AN**	9	2%	17.0	4	1%	7.5	1	0%	1.9	2	0%	3.7	0	0%	0.0
	Asian,PI**	0	0%	0.0	2	0%	2.4	0	0%	0.0	1	0%	1.1	0	0%	0.0
	Hispanic	11	2%	5.1	5	1%	2.1	17	3%	6.7	12	2%	4.3	8	2%	2.9
	Unknown	1	0%	---	1	0%	---	0	0%	---	0	0%	---	2	0%	---
	Total	147	32%	3.4	146	30%	3.3	172	29%	3.8	147	26%	3.2	114	22%	2.5
Total	White**	97	21%	1.6	172	35%	2.9	150	25%	2.5	125	22%	2.0	117	23%	1.9
	Black**	317	70%	17.1	273	56%	14.5	410	68%	21.3	402	71%	20.4	361	71%	18.3
	Am.In/AN**	15	3%	14.6	4	1%	3.9	1	0%	1.0	4	1%	3.8	0	0%	0.0
	Asian,PI**	1	0%	0.6	4	1%	2.5	1	0%	0.6	2	0%	1.1	2	0%	1.1
	Hispanic	22	5%	4.3	33	7%	6.0	39	6%	6.6	35	6%	5.5	26	5%	4.1
	Unknown	1	0%	---	3	1%	---	1	0%	---	1	0%	---	3	1%	---
	Total	453	100%	5.3	489	100%	5.6	602	100%	6.8	569	100%	6.3	509	100%	5.6

* per 100,000 population

**non Hispanic; Am. In/AN= American Indian/Alaskan Native; Asian, PI= Asian/Pacific Islander

Table 25. N.C. Early Syphilis (Primary, Secondary, Early Latent) Cases by Gender and Age, 2004-2008

Age		2004	2004	2004	2005	2005	2005	2006	2006	2006	2007	2007	2007	2008	2008	2008
		Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Male	10-14	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0
	15-19	9	2%	3.1	13	3%	4.3	20	3%	6.4	25	4%	7.9	30	6%	9.4
	20-24	39	9%	12.6	48	10%	15.4	68	11%	20.9	66	12%	20.7	77	15%	24.1
	25-29	49	11%	16.9	51	10%	17.6	70	12%	23.5	76	13%	25.2	60	12%	19.9
	30-34	38	8%	11.9	51	10%	16.4	58	10%	18.9	49	9%	16.1	29	6%	9.5
	35-39	57	13%	18.2	47	10%	14.8	72	12%	22.0	58	10%	17.3	60	12%	17.9
	40-44	43	9%	13.1	59	12%	17.9	63	10%	19.1	61	11%	18.5	58	11%	17.5
	45-54	45	10%	7.7	53	11%	8.8	57	9%	9.3	62	11%	9.8	64	13%	10.1
	55-64	23	5%	5.4	18	4%	4.0	17	3%	3.7	18	3%	3.7	14	3%	2.9
	65+	3	1%	0.7	2	0%	0.5	5	1%	1.1	7	1%	1.5	3	1%	0.7
	Total	306	68%	7.3	343	70%	8.1	430	71%	9.9	422	74%	9.5	395	78%	8.9
Female	10-14	1	0%	0.3	0	0%	0.0	0	0%	0.0	0	0%	0.0	1	0%	0.3
	15-19	11	2%	4.0	16	3%	5.6	20	3%	6.8	8	1%	2.6	14	3%	4.6
	20-24	22	5%	7.8	23	5%	8.1	31	5%	10.9	30	5%	10.3	21	4%	7.2
	25-29	22	5%	7.6	18	4%	6.1	15	2%	5.0	22	4%	7.2	13	3%	4.2
	30-34	21	5%	6.7	16	3%	5.2	24	4%	7.9	19	3%	6.2	17	3%	5.5
	35-39	29	6%	9.2	25	5%	7.9	25	4%	7.6	24	4%	7.1	13	3%	3.9
	40-44	24	5%	7.1	22	4%	6.5	25	4%	7.4	20	4%	5.9	12	2%	3.5
	45-54	14	3%	2.3	22	4%	3.5	28	5%	4.3	24	4%	3.6	20	4%	3.0
	55-64	3	1%	0.6	3	1%	0.6	4	1%	0.8	0	0%	0.0	2	0%	0.4
	65+	0	0%	0.0	1	0%	0.2	0	0%	0.0	0	0%	0.0	0	0%	0.0
	Total	147	32%	3.4	146	30%	3.3	172	29%	3.8	147	26%	3.2	114	22%	2.5

*per 100,000 population

Table 25. (Continued) N.C. Early Syphilis (Primary, Secondary, Early Latent) Cases by Gender and Age, 2004-2008

Age	2004	2004	2004	2005	2005	2005	2006	2006	2006	2007	2007	2007	2008	2008	2008
	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*	Cases	Pct	Rate*
Total															
10-14	1	0%	0.2	0	0%	0.0	0	0%	0.0	0	0%	0.0	1	0%	0.2
15-19	20	4%	3.5	29	6%	4.9	40	7%	6.6	33	6%	5.3	44	9%	7.1
20-24	61	13%	10.3	71	15%	11.9	99	16%	16.2	96	17%	15.7	98	19%	16.1
25-29	71	16%	12.3	69	14%	11.8	85	14%	14.1	98	17%	16.1	73	14%	12.0
30-34	59	13%	9.3	67	14%	10.8	82	14%	13.4	68	12%	11.1	46	9%	7.5
35-39	86	19%	13.7	72	15%	11.3	97	16%	14.8	82	14%	12.2	73	14%	10.9
40-44	67	15%	10.0	81	17%	12.1	88	15%	13.1	81	14%	12.1	70	14%	10.4
45-54	59	13%	4.9	75	15%	6.1	85	14%	6.7	86	15%	6.6	84	17%	6.5
55-64	26	6%	2.9	21	4%	2.3	21	3%	2.2	18	3%	1.8	16	3%	1.6
65+	3	1%	0.3	3	1%	0.3	5	1%	0.5	7	1%	0.6	3	1%	0.3
Total	453	100%	5.3	489	100%	5.6	602	100%	6.8	569	100%	6.3	509	100%	5.6

*per 100,000 population

Table 26. North Carolina Congenital Syphilis Cases by Race/Ethnicity by Year of Birth, 1999-2008

Race/Ethnicity	1999		2000		2001		2002		2003	
	Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct
White, non Hispanic	4	67%	2	10%	7	37%	3	19%	3	14%
Black, non Hispanic	2	33%	13	65%	10	53%	9	56%	16	76%
Other	---	---	5	25%	2	11%	4	25%	2	10%
Total	6	100%	20	100%	19	100%	16	100%	21	100%

Race/Ethnicity	2004		2005		2006		2007		2008	
	Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct	Cases	Pct
White, non Hispanic	3	27%	3	23%	2	29%	1	11%	2	20%
Black, non Hispanic	5	45%	7	54%	1	14%	4	44%	4	40%
Other	3	27%	3	23%	4	57%	4	44%	4	40%
Total	11	100%	13	100%	7	100%	9	100%	10	100%

Table 27. North Carolina Likely Perinatal HIV Disease Cases, 1999-2008 (Updated 12/09)

Year of Birth	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	6	4	6	3	5	3	1	5	5	2

North Carolina Communicable Disease Branch Regions

