North Carolina HIV/STD Quarterly Surveillance Report: Vol. 2015, No. 2

HIV/STD Surveillance Unit

Communicable Disease Branch
Epidemiology Section, Division of Public Health
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ANNOUNCEMENTS:

Readers should consider the data in this report to be *preliminary*. These data represent reports for short time periods and changes noted from quarter to quarter may not be meaningful. Some cases listed in this report are considered presumptive; their status may change as case investigation continues.

The North Carolina sexually transmitted disease (STD) surveillance data system underwent extensive changes in 2012 and 2013 as North Carolina implemented reporting for human immunodeficiency virus (HIV) infection, including acquired immunodeficiency syndrome (AIDS), and syphilis into North Carolina Electronic Disease Surveillance System (NC EDSS). Reporting delays and changes in reporting processes for these two conditions may have substantially affected data

If you have questions or comments, please contact us at the address or phone number above.

About the authors

North Carolina law requires that diagnoses of certain communicable diseases, including sexually transmitted diseases (STDs), be reported to local health departments that in turn report the information to the state. The HIV/STD Surveillance Unit (HSSU) is the designated recipient for STD morbidity reports at the state level and is responsible for aggregating reports and providing statewide information about these diseases to others, including the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia. The HSSU is part of the Communicable Disease Branch within the North Carolina Division of Public Health.

About the contents of this report

The *North Carolina HIV/STD Surveillance Report: Vol. 2015, No. 2* presents statistics and trends of sexually transmitted diseases (including HIV and AIDS) in North Carolina from January 1 through June 30, 2015. All reports are presented by the date received by the HSSU. This report is intended as a reference document for local health departments, program managers, health planners, researchers and others who are concerned with the public health implications of these diseases. **The information in this quarterly report is meant to be brief and provide limited data on these diseases throughout the year. More detailed and complete information will continue to be available in annual publications.** This report and our annual publications are available on our website (http://epi.publichealth.nc.gov/cd/stds/figures.html). The CDC maintains data about these diseases for the United States; national information is available from its website (http://www.cdc.gov/hiv/library/reports/surveillance/).

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Department of Health & Human Services ● Aldona Z. Wos, M.D. Secretary
Division of Public Health ● Megan Davies, M.D., Interim State Health Director
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HIV Infection Surveillance Data

Human immunodeficiency virus (HIV) infection case reports represents all new diagnoses with HIV in North Carolina regardless of the stage of the disease (including acquired immunodeficiency syndrome [AIDS]). Most persons are reported with only an HIV infection, but some persons are reported with a concurrent diagnosis of AIDS (an AIDS diagnosis within six months of the initial HIV infection diagnosis). In North Carolina, about one-quarter of the new HIV infection reports represent persons who are diagnosed with HIV infection and AIDS at the same time. ***AIDS case reports***, by contrast, represent only persons with HIV infection who have progressed to this later, more life threatening, stage of disease. For these reasons, HIV infection reports and AIDS case reports should be considered separately. The two categories should never be combined to estimate an infected population, as the broad group of HIV disease includes AIDS cases, and combining the two categories would therefore double-count the AIDS cases. ***HIV infection and AIDS cases are both presented by date of report in this publication.*** This gives a preliminary look at HIV infection surveillance for 2015. Because HIV and AIDS morbidity trends are better described using date of diagnosis rather than date of report, only summary counts for the counties and a state total are provided. Annual reports and the HIV/STD Epidemiologic Profile present HIV infections by **date of diagnosis**, not date of report, and therefore should not be compared to the quarterly report. Also, HIV and AIDS cases diagnosed/reported from long-term care institutions, such as prisons, are not included in county totals, but are listed under “Unassigned” county.

Chlamydia Surveillance Data

Chlamydia case reports represent persons who have a laboratory-confirmed chlamydial infection. It is important to note that chlamydial infection is often asymptomatic in both males and females, and most cases are detected through screening. The disease can cause serious complications in females, and a number of screening programs are in place to detect infection in young women. There are no comparable screening programs for young men. For this reason, chlamydia case reports are always highly biased with respect to gender. Changes in the number of reported cases may be due to changes in screening practices. Increases in morbidity totals since 2008 are likely to be the result of enhancements in laboratory reporting. Chlamydia infections are presented by **date of report** in this publication.

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. Gonorrhea infections are presented by **date of report** in this publication.

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 person has been infected for less than a year. 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 HSSU. Because North Carolina performs patient interviews, partner notification, and contact tracing on all early syphilis cases, the quality of the early latent case data is also quite good. Screening programs are more likely to detect asymptomatic cases, which may introduce some bias in the early latent case reports toward screened populations (pregnant women, jail inmates, others). But, thorough contact tracing further aids in case detection and reduces these biases. Syphilis infections are presented by **date of report** in this publication; however, in the annual report and HIV/STD Epidemiologic Profile, infections are presented by **date of diagnosis**.

For more information

The data descriptions provided on this page are succinct. For a more detailed discussion of the content, strengths, and weaknesses of STD and HIV surveillance data, please see Appendix B in the *Epidemiologic Profile for HIV/STD Prevention & Care Planning, December 2013*. This report can be found on our website http://epi.publichealth.nc.gov/cd/stds/figures.html.

Table 1. North Carolina Newly Reported Chlamydia Infections by Gender and Age, 2015

Gender	Age Group	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2015 Total	
		Cases	%	Cases	%	Case	%	Cases	%	Cases	%
Male	Unknown	---[a]	---	---[a]	---					---[a]	---
	0-9	0	0.0	---[a]	---					---[a]	---
	10-14	13	0.1	12	0.1					25	0.1
	15-19	895	4.7	627	4.7					1,522	4.7
	20-24	1,977	10.5	1,389	10.4					3,366	10.4
	25-29	975	5.2	745	5.6					1,720	5.3
	30-34	439	2.3	314	2.4					753	2.3
	35-39	196	1.0	152	1.1					348	1.1
	40-44	129	0.7	77	0.6					206	0.6
	45-54	143	0.8	88	0.7					231	0.7
	55-64	34	0.2	21	0.2					55	0.2
	65+	---[a]	---	---[a]	---					9	0.0
	Total	**4,808**	**25.4**	**3,429**	**25.8**					**8,237**	**25.6**
Female	Unknown	---[a]	---	---[a]	---					---[a]	---
	0-9	0	0.0	---[a]	---					---[a]	---
	10-14	125	0.7	87	0.7					212	0.7
	15-19	4,220	22.3	2,963	22.3					7,183	22.3
	20-24	5,822	30.8	4,075	30.6					9,897	30.7
	25-29	2,307	12.2	1,610	12.1					3,917	12.2
	30-34	849	4.5	654	4.9					1,503	4.7
	35-39	431	2.3	285	2.1					716	2.2
	40-44	198	1.0	114	0.9					312	1.0
	45-54	113	0.6	84	0.6					197	0.6
	55-64	28	0.1	8	0.1					36	0.1
	65+	---[a]	---	---[a]	---					5	0.0
	Total	**14,097**	**74.6**	**9,885**	**74.2**					**23,982**	**74.4**
Total[b]	Unknown	1	0.0	3	0.0					4	0.0
	0-9	0	0.0	3	0.0					3	0.0
	10-14	138	0.7	99	0.7					237	0.7
	15-19	5,115	27.1	3,591	27.0					8,706	27.0
	20-24	7,799	41.3	5,464	41.0					13,263	41.2
	25-29	3,282	17.4	2,355	17.7					5,637	17.5
	30-34	1,288	6.8	968	7.3					2,256	7.0
	35-39	627	3.3	437	3.3					1,064	3.3
	40-44	327	1.7	191	1.4					518	1.6
	45-54	256	1.4	172	1.3					428	1.3
	55-64	62	0.3	29	0.2					91	0.3
	65+	10	0.1	4	0.0					14	0.0
	Total	**18,905**	**100.0**	**13,316**	**100.0**					**32,221**	**100.0**

[a]Cell count and percentages have been suppressed to avoid identification of cells that have counts less than five through direct or indirect means.

[b]Total includes 1 case with unreported gender (1 case in Quarter 2).

Data Source: North Carolina Electronic Disease Surveillance System (data as of July 6, 2015).

Table 2. North Carolina Newly Reported Chlamydia Infections by Gender and Race/Ethnicity, 2015

Gender	Race/Ethnicity	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2015 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	American Indian/Alaska Native[a]	45	0.2	33	0.2					78	0.2
	Asian/Pacific Islander[a]	29	0.2	18	0.1					47	0.1
	Black/African American[a]	2,000	10.6	1,381	10.4					3,381	10.5
	Hispanic/Latino	273	1.4	231	1.7					504	1.6
	White/Caucasian[a]	695	3.7	492	3.7					1,187	3.7
	Unknown	1,766	9.3	1,274	9.6					3,040	9.4
	Total	**4,808**	**25.4**	**3,429**	**25.8**					**8,237**	**25.6**
Female	American Indian/Alaska Native[a]	221	1.2	171	1.3					392	1.2
	Asian/Pacific Islander[a]	98	0.5	81	0.6					179	0.6
	Black/African American[a]	5,543	29.3	3,791	28.5					9,334	29
	Hispanic/Latino	974	5.2	742	5.6					1,716	5.3
	White/Caucasian[a]	2,794	14.8	1,969	14.8					4,763	14.8
	Unknown	4,467	23.6	3,131	23.5					7,598	23.6
	Total	**14,097**	**74.6**	**9,885**	**74.2**					**23,982**	**74.4**
Total[b]	American Indian/Alaska Native[a]	266	1.4	204	1.5					470	1.5
	Asian/Pacific Islander[a]	127	0.7	99	0.7					226	0.7
	Black/African American[a]	7,543	39.9	5,173	38.8					12,716	39.5
	Hispanic/Latino	1,247	6.6	973	7.3					2,220	6.9
	White/Caucasian[a]	3,489	18.5	2,462	18.5					5,951	18.5
	Unknown	6,233	33	4,405	33.1					10,638	33
	Total	**18,905**	**100.0**	**13,315**	**100.0**					**32,220**	**100.0**

[a]Non-Hispanic/Latino.

[b]Total includes 1 case with unreported gender (1 case in Quarter 2).

Data Source: North Carolina Electronic Disease Surveillance System (data as of July 6, 2015).

Table 3. North Carolina Newly Reported Gonorrhea Infections by Gender and Age, 2015

Gender	Age Group	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2015 Total	
		Cases	%	Cases	%	Case	%	Cases	%	Cases	%
Male	Unknown	---[a]	---	---[a]	---					---[a]	---
	0-9	---[a]	---	---[a]	---					---[a]	---
	10-14	---[a]	---	---[a]	---					8	0.1
	15-19	356	6.8	276	6.8					632	6.8
	20-24	818	15.6	681	16.7					1,499	16.1
	25-29	555	10.6	459	11.3					1,014	10.9
	30-34	302	5.8	194	4.8					496	5.3
	35-39	159	3.0	133	3.3					292	3.1
	40-44	109	2.1	75	1.8					184	2.0
	45-54	120	2.3	114	2.8					234	2.5
	55-64	40	0.8	43	1.1					83	0.9
	65+	---[a]	---	---[a]	---					---[a]	---
	Total	**2,470**	**47.1**	**1,986**	**48.8**					**4,456**	**47.9**
Female	Unknown	---[a]	---	---[a]	---					---[a]	---
	0-9	---[a]	---	---[a]	---					---[a]	---
	10-14	30	0.6	20	0.5					50	0.5
	15-19	698	13.3	516	12.7					1,214	13.0
	20-24	1,102	21.0	798	19.6					1,900	20.4
	25-29	550	10.5	424	10.4					974	10.5
	30-34	220	4.2	161	4.0					381	4.1
	35-39	90	1.7	87	2.1					177	1.9
	40-44	43	0.8	37	0.9					80	0.9
	45-54	29	0.6	30	0.7					59	0.6
	55-64	---[a]	---	---[a]	---					9	0.1
	65+	---[a]	---	---[a]	---					---[a]	---
	Total	**2,772**	**52.9**	**2,080**	**51.2**					**4,852**	**52.1**
Total[b]	Unknown	2	0.0	1	0.0					3	0.0
	0-9	1	0.0	1	0.0					2	0.0
	10-14	33	0.6	25	0.6					58	0.6
	15-19	1,054	20.1	792	19.5					1,846	19.8
	20-24	1,920	36.6	1,479	36.4					3,399	36.5
	25-29	1,106	21.1	883	21.7					1,989	21.4
	30-34	522	10.0	355	8.7					877	9.4
	35-39	249	4.7	220	5.4					469	5.0
	40-44	152	2.9	112	2.8					264	2.8
	45-54	149	2.8	144	3.5					293	3.1
	55-64	46	0.9	46	1.1					92	1.0
	65+	9	0.2	8	0.2					17	0.2
	Total	**5,243**	**100.0**	**4,066**	**100.0**					**9,309**	**100.0**

[a]Cell count and percentages have been suppressed to avoid identification of cells that have counts less than five through direct or indirect means.

[b]Total includes 1 case with unreported gender (1 case in Quarter 1).

Data Source: North Carolina Electronic Disease Surveillance System (data as of July 6, 2015).

Table 4. North Carolina Newly Reported Gonorrhea Infections by Gender and Race/Ethnicity, 2015

Gender	Race/Ethnicity	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2015 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	American Indian/Alaska Native[a]	---[a]	---	---[a]	---					45	0.5
	Asian/Pacific Islander[a]	---[a]	---	---[a]	---					14	0.2
	Black/African American[a]	1,423	27.1	1,136	27.9					2,559	27.5
	Hispanic/Latino	72	1.4	51	1.3					123	1.3
	White/Caucasian[a]	306	5.8	236	5.8					542	5.8
	Unknown	631	12	542	13.3					1,173	12.6
	Total	**2,470**	**47.1**	**1,986**	**48.8**					**4,456**	**47.9**
Female	American Indian/Alaska Native[a]	---[a]	---	---[a]	---					80	0.9
	Asian/Pacific Islander[a]	---[a]	---	---[a]	---					15	0.2
	Black/African American[a]	1,551	29.6	1,118	27.5					2,669	28.7
	Hispanic/Latino	74	1.4	56	1.4					130	1.4
	White/Caucasian[a]	381	7.3	295	7.3					676	7.3
	Unknown	714	13.6	568	14.0					1,282	13.8
	Total	**2,772**	**52.9**	**2,080**	**51.2**					**4,852**	**52.1**
Total[c]	American Indian/Alaska Native[a]	70	1.3	55	1.4					125	1.3
	Asian/Pacific Islander[a]	20	0.4	9	0.2					29	0.3
	Black/African American[a]	2,974	56.7	2,254	55.4					5,228	56.2
	Hispanic/Latino	146	2.8	107	2.6					253	2.7
	White/Caucasian[a]	687	13.1	531	13.1					1,218	13.1
	Unknown	1,346	25.7	1,110	27.3					2,456	26.4
	Total	**5,243**	**100.0**	**4,066**	**100.0**					**9,309**	**100.0**

[a]Non-Hispanic/Latino.

[b]Cell count and percentages have been suppressed to avoid identification of cells that have counts less than five through direct or indirect means.

[c]Total includes 1 case with unreported gender (1 case in Quarter 1).

Data Source: North Carolina Electronic Disease Surveillance System (data as of July 6, 2015).

Table 5. North Carolina Newly Reported Early Syphilis (Primary, Secondary, and Early Latent) Infections by Gender and Age, 2015

Gender	Age Group	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2015 Total	
		Cases	%	Cases	%	Case	%	Cases	%	Cases	%
Male	Unknown	0	0.0	0	0.0					0	0.0
	0-9	0	0.0	0	0.0					0	0.0
	10-14	0	0.0	0	0.0					0	0.0
	15-19	---[a]	---	---[a]	---					---[a]	---
	20-24	51	18.0	90	22.2					141	20.5
	25-29	---[a]	---	---[a]	---					119	17.3
	30-34	---[a]	---	---[a]	---					98	14.2
	35-39	---[a]	---	---[a]	---					51	7.4
	40-44	---[a]	---	---[a]	---					59	8.6
	45-54	---[a]	---	---[a]	---					81	11.8
	55-64	---[a]	---	---[a]	---					---[a]	---
	65+	---[a]	---	---[a]	---					---[a]	---
	Total	**252**	**89.0**	**354**	**87.4**					**606**	**88.1**
Female	Unknown	0	0.0	0	0.0					0	0.0
	0-9	0	0.0	0	0.0					0	0.0
	10-14	0	0.0	0	0.0					0	0.0
	15-19	0	0.0	---[a]	---					---[a]	---
	20-24	9	3.2	14	3.5					23	3.3
	25-29	---[a]	---	---[a]	---					13	1.9
	30-34	---[a]	---	---[a]	---					12	1.7
	35-39	---[a]	---	---[a]	---					8	1.2
	40-44	---[a]	---	---[a]	---					10	1.5
	45-54	---[a]	---	---[a]	---					9	1.3
	55-64	---[a]	---	---[a]	---					---[a]	---
	65+	0	0.0	---[a]	---					---[a]	---
	Total	**31**	**11.0**	**51**	**12.6**					**82**	**11.9**
Total	Unknown	0	0.0	0	0.0					0	0.0
	0-9	0	0.0	0	0.0					0	0.0
	10-14	0	0.0	0	0.0					0	0.0
	15-19	8	2.8	15	3.7					23	3.3
	20-24	60	21.2	104	25.7					164	23.8
	25-29	59	20.8	73	18.0					132	19.2
	30-34	45	15.9	65	16.0					110	16.0
	35-39	26	9.2	33	8.1					59	8.6
	40-44	36	12.7	33	8.1					69	10.0
	45-54	37	13.1	53	13.1					90	13.1
	55-64	10	3.5	24	5.9					34	4.9
	65+	2	0.7	5	1.2					7	1.0
	Total	**283**	**100.0**	**405**	**100.0**					**688**	**100.0**

[a]Cell count and percentages have been suppressed to avoid identification of cells that have counts less than five through direct or indirect means.

Data Source: North Carolina Electronic Disease Surveillance System (data as of July 6, 2015).

Table 6. North Carolina Newly Reported Early Syphilis (Primary, Secondary, and Early Latent) Infections by Gender and Race/Ethnicity, 2015

Gender	Race/Ethnicity	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2015 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	American Indian/Alaska Native[a]	---[a]	---	---[a]	---					---[a]	---
	Asian/Pacific Islander[a]	---[a]	---	---[a]	---					---[a]	---
	Black/African American[a]	144	50.9	201	49.6					345	50.1
	Hispanic/Latino	---[a]	---	---[a]	---					31	4.5
	White/Caucasian[a]	84	29.7	109	26.9					193	28.1
	Unknown	---[a]	---	---[a]	---					---[a]	---
	Total	**252**	**89.0**	**354**	**87.4**					**606**	**88.1**
Female	American Indian/Alaska Native[a]	0	0.0	0	0.0					0	0.0
	Asian/Pacific Islander[a]	---[a]	---	---[a]	---					---[a]	---
	Black/African American[a]	21	7.4	37	9.1					58	8.4
	Hispanic/Latino	---[a]	---	---[a]	---					5	0.7
	White/Caucasian[a]	8	2.8	7	1.7					15	2.2
	Unknown	---[a]	---	---[a]	---					---[a]	---
	Total	**31**	**11**	**51**	**12.6**					**82**	**11.9**
Total[c]	American Indian/Alaska Native[a]	3	1.1	3	0.7					6	0.9
	Asian/Pacific Islander[a]	1	0.4	5	1.2					6	0.9
	Black/African American[a]	165	58.3	238	58.8					403	58.6
	Hispanic/Latino	11	3.9	25	6.2					36	5.2
	White/Caucasian[a]	92	32.5	116	28.6					208	30.2
	Unknown	11	3.9	18	4.4					29	4.2
	Total	**283**	**100.0**	**405**	**100.0**					**688**	**100.0**

[a]Non-Hispanic/Latino.

[b]Cell count and percentages have been suppressed to avoid identification of cells that have counts less than five through direct or indirect means.

Data Source: North Carolina Electronic Disease Surveillance System (data as of July 6, 2015).

Table 7. North Carolina Newly Reported Chlamydia, Gonorrhea, and Early Syphilis (Primary, Secondary, and Early Latent) Infections by County of Residence at Time of Report, 2013-2015

COUNTY	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2013 Jan-Jun	2014 Jan-Jun	2015 Jan-Jun	2013 Jan-Jun	2014 Jan-Jun	2015 Jan-Jun	2013 Jan-Jun	2014 Jan-Jun	2015 Jan-Jun	2013 Jan-Jun	2014 Jan-Jun	2015 Jan-Jun
ALAMANCE	270	380	623	57	161	234	3	3	2	0	1	3
ALEXANDER	32	40	39	4	10	0	0	0	0	0	0	0
ALLEGHANY	11	7	12	1	0	0	0	0	0	0	0	0
ANSON	72	97	93	23	34	48	0	0	1	0	0	0
ASHE	8	11	12	0	1	0	0	0	0	0	0	0
AVERY	6	7	11	0	1	2	0	0	0	0	0	0
BEAUFORT	151	118	139	23	21	30	0	3	2	1	0	2
BERTIE	62	49	93	26	12	39	0	0	0	0	0	0
BLADEN	99	107	105	39	30	39	0	0	1	0	2	2
BRUNSWICK	141	136	168	38	41	47	0	2	1	1	0	2
BUNCOMBE	512	479	535	142	139	146	0	1	5	2	2	9
BURKE	123	114	162	20	17	12	1	2	0	3	0	0
CABARRUS	339	401	465	75	91	75	1	0	2	0	1	3
CALDWELL	96	105	122	15	16	22	0	0	2	0	0	1
CAMDEN	27	12	22	3	0	5	0	0	0	0	0	0
CARTERET	86	101	124	18	10	20	0	0	2	0	0	0
CASWELL	27	41	51	11	15	17	0	0	1	1	0	0
CATAWBA	277	316	306	46	98	52	0	1	1	0	1	6
CHATHAM	87	103	109	17	19	29	1	2	0	0	1	0
CHEROKEE	15	25	21	2	3	3	0	0	3	0	0	2
CHOWAN	31	43	53	9	9	7	0	0	0	0	0	0
CLAY	5	9	4	2	3	1	0	0	0	0	0	0
CLEVELAND	209	248	263	72	75	76	0	0	1	0	0	3
COLUMBUS	123	109	167	37	36	45	0	0	3	0	1	0
CRAVEN	289	259	347	52	55	90	0	1	4	1	1	3
CUMBERLAND	1,913	1,862	1,854	593	628	681	1	27	52	1	18	18
CURRITUCK	31	42	43	3	6	5	0	0	0	0	0	0
DARE	54	49	47	4	6	15	0	0	1	0	0	0
DAVIDSON	301	247	330	71	69	106	0	1	4	1	2	0
DAVIE	76	76	77	13	21	18	0	0	0	0	0	0
DUPLIN	110	113	130	28	20	43	0	2	1	0	1	1
DURHAM	1,002	1,277	1,429	373	447	409	7	15	37	5	12	16
EDGECOMBE	303	293	351	95	108	123	0	2	2	1	0	6
FORSYTH	1,494	1,272	1,568	381	467	569	5	21	26	2	13	8
FRANKLIN	79	161	188	26	56	63	0	2	2	0	0	1
GASTON	681	608	756	194	196	158	0	3	5	0	2	5
GATES	27	16	26	6	1	6	0	0	0	0	0	0
GRAHAM	5	4	11	0	1	1	0	0	0	0	0	0
GRANVILLE	135	157	229	45	30	49	1	1	2	0	0	1
GREENE	41	52	55	24	13	16	0	3	0	0	0	0
GUILFORD	1,936	1,968	2,319	679	702	755	11	15	43	6	21	30
HALIFAX	253	255	238	60	44	85	0	0	0	0	0	2
HARNETT	226	243	330	76	62	76	1	5	3	1	1	1
HAYWOOD	52	67	77	10	9	18	0	0	0	0	1	1
HENDERSON	114	161	121	31	36	27	0	0	1	0	2	1
HERTFORD	93	100	114	28	21	37	0	2	0	0	0	0
HOKE	117	169	141	41	50	74	0	1	1	1	2	1
HYDE	6	3	14	1	0	1	0	0	0	0	1	0
IREDELL	250	276	338	37	100	75	2	1	1	2	1	0
JACKSON	57	66	80	3	12	27	0	0	1	0	0	1
JOHNSTON	262	277	393	63	63	94	1	3	4	1	2	0
JONES	14	14	20	2	4	10	0	0	0	0	0	0

Continued

Data Source: North Carolina Electronic Disease Surveillance System (data as of July 6, 2015).

Table 7 (Continued). North Carolina Newly Reported Chlamydia, Gonorrhea, and Early Syphilis (Primary, Secondary, and Early Latent) Infections by County of Residence at Time of Report, 2013-2015

COUNTY	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2013 Jan-Jun	2014 Jan-Jun	2015 Jan-Jun	2013 Jan-Jun	2014 Jan-Jun	2015 Jan-Jun	2013 Jan-Jun	2014 Jan-Jun	2015 Jan-Jun	2013 Jan-Jun	2014 Jan-Jun	2015 Jan-Jun
LEE	185	154	152	43	45	30	0	1	0	0	0	1
LENOIR	190	212	232	71	83	85	1	4	1	2	4	1
LINCOLN	87	99	137	11	11	25	0	0	0	0	2	1
MACON	30	50	49	3	2	10	0	0	0	0	1	0
MADISON	29	18	32	2	5	4	0	0	0	0	0	0
MARTIN	77	62	78	17	9	18	0	1	1	0	0	0
MCDOWELL	46	57	89	2	6	7	0	0	1	0	0	0
MECKLENBURG	3,269	3,740	4,792	957	1,320	1,450	31	55	74	16	26	35
MITCHELL	7	6	11	1	1	0	0	0	0	0	0	0
MONTGOMERY	45	68	68	8	22	13	0	0	1	0	0	1
MOORE	156	168	161	15	58	29	0	1	0	0	1	2
NASH	298	341	351	83	104	134	0	2	4	0	0	5
NEW HANOVER	473	519	708	143	183	218	0	3	15	0	1	4
NORTHAMPTON	69	77	86	18	23	18	0	1	0	0	0	0
ONSLOW	845	658	824	155	124	133	0	2	3	1	2	3
ORANGE	239	266	389	59	63	101	1	9	5	0	0	2
PAMLICO	13	26	11	2	15	5	0	0	1	0	0	0
PASQUOTANK	194	127	158	25	38	36	1	1	0	0	1	1
PENDER	76	76	79	29	18	31	1	1	1	0	1	3
PERQUIMANS	23	34	42	7	6	15	0	0	0	0	0	0
PERSON	88	77	117	20	32	39	0	1	1	0	0	0
PITT	795	914	1,008	150	204	244	5	10	11	1	13	7
POLK	12	17	13	0	3	1	0	1	0	0	0	0
RANDOLPH	179	253	239	21	59	81	0	1	4	0	2	1
RICHMOND	113	211	262	23	35	45	0	1	0	0	0	1
ROBESON	531	514	710	141	170	226	1	8	8	0	4	5
ROCKINGHAM	152	155	136	56	39	41	2	0	0	0	1	1
ROWAN	385	387	432	114	148	109	1	2	2	2	0	4
RUTHERFORD	118	102	126	19	50	19	0	0	2	0	0	0
SAMPSON	153	148	171	81	38	48	0	1	2	1	1	2
SCOTLAND	146	145	153	76	58	51	1	0	0	2	1	2
STANLY	79	101	139	17	26	22	0	2	0	0	2	2
STOKES	62	63	81	7	8	7	0	0	2	0	0	0
SURRY	82	91	116	10	8	5	0	0	2	0	0	1
SWAIN	26	42	41	3	8	3	0	0	0	0	0	0
TRANSYLVANIA	37	55	37	9	13	7	0	0	0	0	0	0
TYRRELL	13	8	7	1	3	0	0	0	0	0	0	0
UNION	266	341	428	67	56	88	1	2	1	0	0	1
VANCE	239	270	298	100	130	111	2	4	1	1	1	1
WAKE	2,282	2,274	2,676	648	616	787	30	47	67	19	29	27
WARREN	56	74	91	21	17	17	1	0	0	0	0	0
WASHINGTON	50	26	41	9	12	4	0	0	0	0	0	0
WATAUGA	72	74	107	2	7	13	0	0	0	0	0	0
WAYNE	395	438	468	113	103	198	2	3	3	0	10	6
WILKES	64	74	114	6	8	10	0	0	3	0	0	0
WILSON	239	306	382	69	70	186	2	2	4	0	1	2
YADKIN	51	43	42	6	6	3	0	0	0	0	1	0
YANCEY	7	19	11	1	1	2	0	0	0	0	0	0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	25,773	27,125	32,220	7,060	8,133	9,309	118	285	437	75	194	251

Data Source: North Carolina Electronic Disease Surveillance System (data as of July 6, 2015).

Table 8. North Carolina Newly Reported HIV Infections by County of Residence at Time of Report, 2013-2015

COUNTY	2013 Jan-Jun	2014 Jan-Jun	2015 Jan-Jun
ALAMANCE	6	11	9
ALEXANDER	0	3	0
ALLEGHANY	0	0	0
ANSON	3	2	1
ASHE	1	0	0
AVERY	0	0	1
BEAUFORT	1	2	1
BERTIE	1	3	1
BLADEN	2	3	2
BRUNSWICK	4	6	1
BUNCOMBE	12	10	12
BURKE	2	1	5
CABARRUS	5	11	4
CALDWELL	2	0	1
CAMDEN	0	0	1
CARTERET	3	4	2
CASWELL	0	0	0
CATAWBA	9	12	6
CHATHAM	5	2	5
CHEROKEE	1	2	1
CHOWAN	0	0	0
CLAY	0	0	0
CLEVELAND	3	8	3
COLUMBUS	4	6	7
CRAVEN	7	2	2
CUMBERLAND	25	47	68
CURRITUCK	0	0	0
DARE	2	0	3
DAVIDSON	11	6	6
DAVIE	0	0	0
DUPLIN	6	2	5
DURHAM	36	34	41
EDGECOMBE	7	16	6
FORSYTH	33	27	30
FRANKLIN	3	2	3
GASTON	12	14	13
GATES	1	0	0
GRAHAM	0	0	0
GRANVILLE	4	2	4
GREENE	1	2	2
GUILFORD	62	60	60
HALIFAX	2	1	7
HARNETT	6	3	6
HAYWOOD	1	1	1
HENDERSON	0	1	3
HERTFORD	3	2	3
HOKE	4	8	2
HYDE	0	0	0
IREDELL	3	1	6
JACKSON	1	4	0
JOHNSTON	8	6	3
JONES	0	0	0
LEE	2	3	5
LENOIR	7	2	4
LINCOLN	2	0	2
MACON	1	1	0
MADISON	0	0	0
MARTIN	0	1	3
MCDOWELL	1	1	1
MECKLENBURG	179	184	167
MITCHELL	0	0	0
MONTGOMERY	1	2	0
MOORE	4	6	5
NASH	8	6	9
NEW HANOVER	10	6	12
NORTHAMPTON	2	3	2
ONSLOW	10	7	15
ORANGE	8	9	8
PAMLICO	3	1	0
PASQUOTANK	1	2	2
PENDER	0	5	3
PERQUIMANS	0	1	0
PERSON	4	2	3
PITT	14	27	15
POLK	0	2	0
RANDOLPH	1	3	5
RICHMOND	1	2	2
ROBESON	4	11	15
ROCKINGHAM	4	0	2
ROWAN	3	3	8
RUTHERFORD	1	0	1
SAMPSON	3	4	3
SCOTLAND	0	2	9
STANLY	2	4	1
STOKES	1	0	1
SURRY	3	3	1
SWAIN	1	1	0
TRANSYLVANIA	0	1	0
TYRRELL	0	0	0
UNION	9	5	8
VANCE	5	7	4
WAKE	74	92	82
WARREN	0	1	0
WASHINGTON	0	3	0
WATAUGA	1	0	4
WAYNE	10	8	8
WILKES	1	1	0
WILSON	5	5	5
YADKIN	1	3	0
YANCEY	0	0	0
UNASSIGNED*	30	32	28
TOTAL	719	789	780

* Unassigned includes cases with unknown county of residence at diagnosis or cases that were diagnosed at a long-term care facility such as prison.
Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of July 6, 2015).

Table 9. North Carolina Newly Reported AIDS (HIV Infection Stage 3) Cases by County of Residence at Time of Report, 2013-2015

COUNTY	2013 Jan-Jun	2014 Jan-Jun	2015 Jan-Jun
ALAMANCE	3	9	7
ALEXANDER	0	0	0
ALLEGHANY	0	0	0
ANSON	2	2	1
ASHE	0	0	0
AVERY	0	0	1
BEAUFORT	1	2	3
BERTIE	0	1	1
BLADEN	2	2	0
BRUNSWICK	2	2	0
BUNCOMBE	15	7	3
BURKE	2	3	3
CABARRUS	12	5	3
CALDWELL	1	1	1
CAMDEN	0	0	1
CARTERET	1	1	3
CASWELL	0	0	0
CATAWBA	3	4	4
CHATHAM	1	4	4
CHEROKEE	0	1	0
CHOWAN	0	0	1
CLAY	0	0	0
CLEVELAND	3	4	1
COLUMBUS	6	3	4
CRAVEN	1	2	4
CUMBERLAND	15	20	25
CURRITUCK	0	0	0
DARE	0	0	1
DAVIDSON	4	0	4
DAVIE	2	0	0
DUPLIN	6	1	0
DURHAM	9	10	32
EDGECOMBE	6	4	3
FORSYTH	18	10	17
FRANKLIN	2	1	1
GASTON	12	6	12
GATES	0	0	0
GRAHAM	0	0	0
GRANVILLE	3	2	2
GREENE	0	1	2
GUILFORD	29	19	21
HALIFAX	2	2	2
HARNETT	3	6	8
HAYWOOD	1	1	1
HENDERSON	1	0	1
HERTFORD	2	2	1
HOKE	1	3	0
HYDE	0	0	0
IREDELL	5	0	7
JACKSON	0	1	0
JOHNSTON	4	8	4
JONES	1	0	0
LEE	2	3	4
LENOIR	7	2	4
LINCOLN	1	1	0
MACON	2	0	0
MADISON	0	0	2
MARTIN	0	1	2
MCDOWELL	0	0	1
MECKLENBURG	222	100	89
MITCHELL	1	0	0
MONTGOMERY	0	1	0
MOORE	3	8	6
NASH	11	3	9
NEW HANOVER	6	2	7
NORTHAMPTON	2	2	3
ONSLOW	9	1	6
ORANGE	2	5	6
PAMLICO	1	1	0
PASQUOTANK	1	1	2
PENDER	0	3	1
PERQUIMANS	1	1	0
PERSON	1	1	1
PITT	10	6	3
POLK	1	0	0
RANDOLPH	3	1	3
RICHMOND	1	4	4
ROBESON	2	5	10
ROCKINGHAM	3	1	3
ROWAN	6	4	1
RUTHERFORD	1	0	1
SAMPSON	2	3	1
SCOTLAND	1	1	4
STANLY	8	1	2
STOKES	1	0	2
SURRY	1	1	1
SWAIN	0	0	0
TRANSYLVANIA	1	1	0
TYRRELL	0	0	0
UNION	9	4	2
VANCE	3	2	5
WAKE	43	34	48
WARREN	1	1	1
WASHINGTON	1	2	0
WATAUGA	1	0	1
WAYNE	7	9	1
WILKES	1	0	0
WILSON	8	4	4
YADKIN	0	1	0
YANCEY	1	0	0
UNASSIGNED*	18	12	13
TOTAL	587	383	442

* Unassigned includes cases with unknown county of residence at diagnosis or cases that were diagnosed at a long-term care facility such as prison.
Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of July 6, 2015).