

North Carolina HIV/STD Quarterly Surveillance Report: Vol. 2015, No. 1

HIV/STD Surveillance Unit

Communicable Disease Branch
Epidemiology Section, Division of Public Health
North Carolina Department of Health & Human Services

1902 Mail Service Center
Raleigh, North Carolina 27699-1902
(919) 733-7301

<http://epi.publichealth.nc.gov/cd/stds/figures.html>

ANNOUNCEMENTS:

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.

Readers should consider the data in this report to be *preliminary*. Readers are also cautioned that these data represent reports for short time periods and that changes noted from quarter to quarter may not be meaningful. The data system changes for HIV and syphilis in 2012 and 2013 have increased this likelihood for data reported in that period. Some cases listed in this report are considered presumptive; their status may change as case investigation continues.

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

North Carolina HIV/STD Surveillance Report Vol. 2015, No.1

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	---
	0-9	0	0.0							0	0.0
	10-14	13	0.1							13	0.1
	15-19	894	4.7							894	4.7
	20-24	1,971	10.4							1,971	10.4
	25-29	971	5.1							971	5.1
	30-34	439	2.3							439	2.3
	35-39	196	1.0							196	1.0
	40-44	128	0.7							128	0.7
	45-54	143	0.8							143	0.8
	55-64	34	0.2							34	0.2
	65+	--- ^a	---							--- ^a	---
Total	4,796	25.4							4,796	25.4	
Female	Unknown	0	0.0							0	0.0
	0-9	<5	---							<5	---
	10-14	126	0.7							126	0.7
	15-19	4,219	22.3							4,219	22.3
	20-24	5,809	30.8							5,809	30.8
	25-29	2,305	12.2							2,305	12.2
	30-34	850	4.5							850	4.5
	35-39	430	2.3							430	2.3
	40-44	199	1.1							199	1.1
	45-54	113	0.6							113	0.6
	55-64	28	0.1							28	0.1
	65+	<5	---							<5	---
Total	14,084	74.6							14,084	74.6	
Total	Unknown	<5	---							<5	---
	0-9	<5	---							<5	---
	10-14	139	0.7							139	0.7
	15-19	5,113	27.1							5,113	27.1
	20-24	7,780	41.2							7,780	41.2
	25-29	3,276	17.4							3,276	17.4
	30-34	1,289	6.8							1,289	6.8
	35-39	626	3.3							626	3.3
	40-44	327	1.7							327	1.7
	45-54	256	1.4							256	1.4
	55-64	62	0.3							62	0.3
	65+	--- ^a	---							--- ^a	---
Total	18,880	100.0							18,880	100.0	

^aCell 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 April 5, 2015).

North Carolina HIV/STD Surveillance Report Vol. 2015, No.1

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							45	0.2
	Asian/Pacific Islander^a	29	0.2							29	0.2
	Black/African American^a	2,000	10.6							2,000	10.6
	Hispanic/Latino	273	1.4							273	1.4
	White/Caucasian^a	693	3.7							693	3.7
	Unknown	1,756	9.3							1,756	9.3
	Total	4,796	25.4							4,796	25.4
Female	American Indian/Alaska Native^a	221	1.2							221	1.2
	Asian/Pacific Islander^a	97	0.5							97	0.5
	Black/African American^a	5,534	29.3							5,534	29.3
	Hispanic/Latino	973	5.2							973	5.2
	White/Caucasian^a	2,796	14.8							2,796	14.8
	Unknown	4,463	23.6							4,463	23.6
	Total	14,084	74.6							14,084	74.6
Total	American Indian/Alaska Native^a	266	1.4							266	1.4
	Asian/Pacific Islander^a	126	0.7							126	0.7
	Black/African American^a	7,534	39.9							7,534	39.9
	Hispanic/Latino	1,246	6.6							1,246	6.6
	White/Caucasian^a	3,489	18.5							3,489	18.5
	Unknown	6,219	32.9							6,219	32.9
	Total	18,880	100.0							18,880	100.0

^aNon-Hispanic/Latino.

Data Source: North Carolina Electronic Disease Surveillance System (data as of April 5, 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	0	0.0							0	0.0
	0-9	0	0.0							0	0.0
	10-14	--- ^a	---							--- ^a	---
	15-19	356	6.8							356	6.8
	20-24	818	15.6							818	15.6
	25-29	555	10.6							555	10.6
	30-34	301	5.8							301	5.8
	35-39	157	3.0							157	3.0
	40-44	109	2.1							109	2.1
	45-54	119	2.3							119	2.3
	55-64	40	0.8							40	0.8
	65+	--- ^a	---							--- ^a	---
Total	2,466	47.1							2,466	47.1	
Female	Unknown	<5	---							<5	---
	0-9	<5	---							<5	---
	10-14	--- ^a	---							--- ^a	---
	15-19	695	13.3							695	13.3
	20-24	1,103	21.1							1,103	21.1
	25-29	546	10.4							546	10.4
	30-34	220	4.2							220	4.2
	35-39	89	1.7							89	1.7
	40-44	43	0.8							43	0.8
	45-54	29	0.6							29	0.6
	55-64	6	0.1							6	0.1
	65+	--- ^a	---							--- ^a	---
Total	2,765	52.8							2,765	52.8	
Total ^b	Unknown	<5	---							<5	---
	0-9	<5	---							<5	---
	10-14	33	0.6							33	0.6
	15-19	1,051	20.1							1,051	20.1
	20-24	1,921	36.7							1,921	36.7
	25-29	1,102	21.1							1,102	21.1
	30-34	521	10.0							521	10.0
	35-39	246	4.7							246	4.7
	40-44	152	2.9							152	2.9
	45-54	148	2.8							148	2.8
	55-64	46	0.9							46	0.9
65+	9	0.2							9	0.2	
Total	5,232	100.0							5,232	100.0	

^aCell count and percentages have been suppressed to avoid identification of cells that have counts less than five through direct or indirect means.

^bTotal includes 1 case with unreported gender (1 case in Quarter 1).

Data Source: North Carolina Electronic Disease Surveillance System (data as of April 5, 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	28	0.5							28	0.5
	Asian/Pacific Islander ^a	10	0.2							10	0.2
	Black/African American ^a	1,425	27.2							1,425	27.2
	Hispanic/Latino	71	1.4							71	1.4
	White/Caucasian ^a	305	5.8							305	5.8
	Unknown	627	12							627	12
	Total	2,466	47.1							2,466	47.1
Female	American Indian/Alaska Native ^a	42	0.8							42	0.8
	Asian/Pacific Islander ^a	10	0.2							10	0.2
	Black/African American ^a	1,547	29.6							1,547	29.6
	Hispanic/Latino	74	1.4							74	1.4
	White/Caucasian ^a	380	7.3							380	7.3
	Unknown	712	13.6							712	13.6
	Total	2,765	52.8							2,765	52.8
Total ^c	American Indian/Alaska Native ^a	70	1.3							70	1.3
	Asian/Pacific Islander ^a	20	0.4							20	0.4
	Black/African American ^a	2,972	56.8							2,972	56.8
	Hispanic/Latino	145	2.8							145	2.8
	White/Caucasian ^a	685	13.1							685	13.1
	Unknown	1,340	25.6							1,340	25.6
	Total	5,232	100.0							5,232	100.0

^aNon-Hispanic/Latino.

^bCell count and percentages have been suppressed to avoid identification of cells that have counts less than five through direct or indirect means.

^cTotal includes 1 case with unreported gender (1 case in Quarter 1).

Data Source: North Carolina Electronic Disease Surveillance System (data as of January 5, 2015).

North Carolina HIV/STD Surveillance Report Vol. 2015, No.1

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
	0-9	0	0.0							0	0.0
	10-14	0	0.0							0	0.0
	15-19	---a	---							---a	---
	20-24	70	19.5							70	19.5
	25-29	72	20.1							72	20.1
	30-34	---a	---							---a	---
	35-39	---a	---							---a	---
	40-44	---a	---							---a	---
	45-54	34	9.5							34	9.5
	55-64	---a	---							---a	---
	65+	---a	---							---a	---
	Total		320	89.1							320
Female	Unknown	0	0.0							0	0.0
	0-9	0	0.0							0	0.0
	10-14	0	0.0							0	0.0
	15-19	---a	---							---a	---
	20-24	10	2.8							10	2.8
	25-29	7	1.9							7	1.9
	30-34	---a	---							---a	---
	35-39	---a	---							---a	---
	40-44	---a	---							---a	---
	45-54	7	1.9							7	1.9
	55-64	---a	---							---a	---
	65+	---a	---							---a	---
	Total		39	10.9							39
Total	Unknown	0	0.0							0	0.0
	0-9	0	0.0							0	0.0
	10-14	0	0.0							0	0.0
	15-19	---a	---							---a	---
	20-24	80	22.3							80	22.3
	25-29	79	22.0							79	22.0
	30-34	56	15.6							56	15.6
	35-39	38	10.6							38	10.6
	40-44	41	11.4							41	11.4
	45-54	41	11.4							41	11.4
	55-64	11	3.1							11	3.1
	65+	---a	---							---a	---
Total		359	100.0							359	100.0

^aCell 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 April 5, 2015).

North Carolina HIV/STD Surveillance Report Vol. 2015, No.1

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	<5	---							<5	---
	Asian/Pacific Islander ^a	<5	---							<5	---
	Black/African American ^a	180	50.1							180	50.1
	Hispanic/Latino	--- ^b	---							--- ^b	---
	White/Caucasian ^a	106	29.5							106	29.5
	Unknown	--- ^b	---							--- ^b	---
	Total	320	89.1							320	89.1
Female	American Indian/Alaska Native ^a	0	0.0							0	0.0
	Asian/Pacific Islander ^a	0	0.0							0	0.0
	Black/African American ^a	27	7.5							27	7.5
	Hispanic/Latino	--- ^b	---							--- ^b	---
	White/Caucasian ^a	10	2.8							10	2.8
	Unknown	--- ^b	---							--- ^b	---
	Total	39	10.9							39	10.9
Total ^c	American Indian/Alaska Native ^a	<5	---							<5	---
	Asian/Pacific Islander ^a	<5	---							<5	---
	Black/African American ^a	207	57.7							207	57.7
	Hispanic/Latino	15	4.2							15	4.2
	White/Caucasian ^a	116	32.3							116	32.3
	Unknown	16	4.5							16	4.5
	Total	359	100.0							359	100.0

^aNon-Hispanic/Latino.

^bCell 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 April 5, 2015).

North Carolina HIV/STD Surveillance Report Vol. 2015, No.1

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-Mar	2014 Jan-Mar	2015 Jan-Mar	2013 Jan-Mar	2014 Jan-Mar	2015 Jan-Mar	2013 Jan-Mar	2014 Jan-Mar	2015 Jan-Mar	2013 Jan-Mar	2014 Jan-Mar	2015 Jan-Mar
ALAMANCE	153	132	421	34	68	171	0	0	5	0	1	3
ALEXANDER	17	16	20	2	6	0	0	0	0	0	0	0
ALLEGHANY	7	4	8	0	0	0	0	0	0	0	0	0
ANSON	39	46	61	11	17	26	0	0	1	0	0	0
ASHE	6	6	8	0	0	0	0	0	0	0	0	0
AVERY	3	6	11	0	1	1	0	0	0	0	0	0
BEAUFORT	73	50	81	9	9	15	0	1	1	0	0	1
BERTIE	34	28	62	16	8	28	0	0	0	0	0	0
BLADEN	40	55	65	20	15	23	0	0	0	0	1	1
BRUNSWICK	80	92	100	21	25	27	0	1	0	0	0	0
BUNCOMBE	309	281	315	76	68	73	0	1	2	0	2	7
BURKE	62	66	95	12	12	8	0	0	0	1	0	0
CABARRUS	165	231	269	41	49	48	0	0	0	0	0	3
CALDWELL	66	55	74	12	11	15	0	0	1	0	0	0
CAMDEN	17	3	13	2	0	2	0	0	0	0	0	0
CARTERET	52	42	57	9	5	9	0	0	1	0	0	0
CASWELL	11	22	23	7	10	9	0	0	0	0	0	0
CATAWBA	140	169	184	24	64	22	0	0	0	0	0	3
CHATHAM	47	63	66	11	16	18	0	0	0	0	1	0
CHEROKEE	4	16	14	1	2	3	0	0	1	0	0	0
CHOWAN	15	29	32	3	5	5	0	0	0	0	0	0
CLAY	4	4	3	2	0	1	0	0	0	0	0	0
CLEVELAND	107	149	159	40	42	49	0	0	0	0	0	3
COLUMBUS	63	55	93	17	13	21	0	0	2	0	1	0
CRAVEN	127	134	192	29	34	59	0	1	1	0	0	1
CUMBERLAND	1,098	1,122	1,110	308	352	381	0	12	21	0	10	5
CURRITUCK	14	25	26	2	5	5	0	0	0	0	0	0
DARE	29	25	31	3	2	5	0	0	0	0	0	0
DAVIDSON	93	131	190	16	43	64	0	0	1	0	1	0
DAVIE	26	12	57	1	2	12	0	0	0	0	0	0
DUPLIN	62	55	72	14	10	26	0	2	1	0	1	1
DURHAM	400	684	891	165	232	249	1	2	18	1	8	8
EDGECOMBE	157	158	177	41	46	64	0	1	1	0	0	1
FORSYTH	697	662	953	177	219	332	0	11	14	0	7	9
FRANKLIN	46	101	106	14	31	39	0	1	1	0	0	0
GASTON	488	312	448	126	89	72	0	1	4	0	1	4
GATES	17	9	17	2	1	3	0	0	0	0	0	0
GRAHAM	5	1	8	0	1	1	0	0	0	0	0	0
GRANVILLE	54	76	117	21	17	25	1	0	0	0	0	0
GREENE	22	30	43	12	7	14	0	1	1	0	0	0
GUILFORD	930	1,106	1,344	312	378	394	4	6	14	2	7	10
HALIFAX	136	104	144	38	20	42	0	0	0	0	0	0
HARNETT	106	145	193	40	41	44	0	3	2	0	1	1
HAYWOOD	25	32	42	4	1	11	0	0	0	0	0	1
HENDERSON	61	96	72	15	21	15	0	0	1	0	1	1
HERTFORD	49	40	58	10	15	19	0	2	0	0	0	0
HOKE	64	105	67	20	33	37	0	0	2	0	0	0
HYDE	3	1	9	0	0	0	0	0	0	0	1	0
IREDELL	124	149	206	18	58	44	0	1	0	0	1	0
JACKSON	27	40	47	2	8	16	0	0	1	0	0	1
JOHNSTON	116	166	182	28	35	37	0	1	3	0	1	1
JONES	6	10	11	1	4	4	0	0	0	0	0	0

Continued

Data Source: North Carolina Electronic Disease Surveillance System (data as of April 5, 2015).

North Carolina HIV/STD Surveillance Report Vol. 2015, No.1

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-Mar	2014 Jan-Mar	2015 Jan-Mar	2013 Jan-Mar	2014 Jan-Mar	2015 Jan-Mar	2013 Jan-Mar	2014 Jan-Mar	2015 Jan-Mar	2013 Jan-Mar	2014 Jan-Mar	2015 Jan-Mar
LEE	89	79	99	17	25	17	0	0	0	0	0	0
LENOIR	96	129	129	26	37	38	0	1	2	2	3	1
LINCOLN	44	51	49	2	7	9	0	0	0	0	1	1
MACON	20	24	34	2	2	7	0	0	0	0	0	0
MADISON	23	9	19	2	3	1	0	0	0	0	0	0
MARTIN	35	37	54	9	7	12	0	0	2	0	0	0
MCDOWELL	31	35	58	0	3	3	0	0	0	0	0	0
MECKLENBURG	1,691	1,986	2,897	494	708	836	12	18	50	3	11	30
MITCHELL	6	4	9	0	1	0	0	0	0	0	0	0
MONTGOMERY	23	35	39	4	9	9	0	0	1	0	0	0
MOORE	88	97	101	8	32	19	0	0	0	0	1	1
NASH	147	188	189	44	48	56	0	0	2	0	0	1
NEW HANOVER	252	262	424	80	98	131	0	0	4	0	0	3
NORTHAMPTON	43	44	56	8	14	10	0	0	0	0	0	0
ONSLow	525	347	468	78	67	79	0	2	2	0	1	2
ORANGE	114	155	238	33	35	60	0	4	0	0	0	1
PAMLICO	7	16	8	1	12	2	0	0	0	0	0	0
PASQUOTANK	94	64	86	11	20	21	0	1	0	0	1	0
PENDER	33	54	48	13	10	21	0	1	0	0	0	1
PERQUIMANS	9	28	25	2	6	11	0	0	0	0	0	0
PERSON	47	33	67	9	13	28	0	1	2	0	0	0
PITT	423	536	605	81	117	127	4	5	5	0	7	1
POLK	5	9	10	0	2	0	0	0	0	0	0	0
RANDOLPH	85	136	143	8	34	41	0	0	3	0	2	1
RICHMOND	59	129	168	16	22	24	0	0	0	0	0	0
ROBESON	229	253	413	76	78	143	0	4	3	0	3	2
ROCKINGHAM	84	84	70	27	17	23	0	0	0	0	1	0
ROWAN	184	202	257	52	85	69	0	1	1	1	0	2
RUTHERFORD	50	47	76	8	27	13	0	0	1	0	0	0
SAMPSON	67	77	105	39	20	28	0	1	1	0	0	0
SCOTLAND	78	72	97	50	36	38	0	0	0	1	0	1
STANLY	31	54	91	5	17	10	0	0	0	0	1	0
STOKES	28	32	55	5	4	3	0	0	2	0	0	0
SURRY	43	44	64	7	3	5	0	0	1	0	0	0
SWAIN	13	14	24	2	2	5	0	0	0	0	0	0
TRANSYLVANIA	25	19	26	6	5	6	0	0	0	0	0	0
TYRRELL	7	5	4	1	1	0	0	0	0	0	0	0
UNION	163	169	274	47	33	46	0	1	2	0	0	1
VANCE	146	58	183	55	40	68	0	1	3	0	1	1
WAKE	1,220	1,330	1,338	370	350	379	9	17	38	4	9	14
WARREN	24	40	57	10	12	8	0	0	0	0	0	0
WASHINGTON	23	13	25	2	5	2	0	0	0	0	0	0
WATAUGA	37	35	51	1	5	8	0	0	0	0	0	0
WAYNE	196	225	263	53	66	102	1	2	0	0	7	1
WILKES	36	34	63	1	4	7	0	0	2	0	0	0
WILSON	95	175	247	26	33	116	1	0	2	0	0	0
YADKIN	28	27	20	4	3	1	0	0	0	0	1	0
YANCEY	3	10	7	1	1	2	0	0	0	0	0	0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	13,295	14,657	18,880	3,585	4,330	5,232	33	108	229	15	96	130

Data Source: North Carolina Electronic Disease Surveillance System (data as of April 5, 2015).

North Carolina HIV/STD Surveillance Report Vol. 2015, No.1

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

COUNTY	2013 Jan-Mar	2014 Jan-Mar	2015 Jan-Mar
ALAMANCE	1	8	4
ALEXANDER	0	2	0
ALLEGHANY	0	0	0
ANSON	3	1	0
ASHE	0	0	0
AVERY	0	0	0
BEAUFORT	0	2	1
BERTIE	0	1	0
BLADEN	0	4	0
BRUNSWICK	2	6	1
BUNCOMBE	6	4	5
BURKE	0	1	2
CABARRUS	4	7	0
CALDWELL	1	0	0
CAMDEN	0	0	0
CARTERET	2	0	3
CASWELL	0	0	0
CATAWBA	3	6	0
CHATHAM	3	3	2
CHEROKEE	0	0	0
CHOWAN	0	0	0
CLAY	0	0	0
CLEVELAND	0	6	0
COLUMBUS	0	4	3
CRAVEN	2	1	0
CUMBERLAND	2	26	40
CURRITUCK	0	0	0
DARE	1	0	0
DAVIDSON	5	3	4
DAVIE	0	0	0
DUPLIN	2	1	0
DURHAM	10	13	14
EDGECOMBE	1	9	2
FORSYTH	15	14	14
FRANKLIN	1	1	1
GASTON	6	10	8
GATES	0	0	0
GRAHAM	0	0	0
GRANVILLE	0	0	2
GREENE	0	1	1
GUILFORD	16	39	23
HALIFAX	1	1	5
HARNETT	2	3	3
HAYWOOD	1	0	0
HENDERSON	0	0	2
HERTFORD	2	0	1
HOKE	1	4	3
HYDE	0	0	0
IREDELL	1	1	2
JACKSON	1	2	0
JOHNSTON	4	3	0

COUNTY	2013 Jan-Mar	2014 Jan-Mar	2015 Jan-Mar
JONES	0	0	0
LEE	1	3	4
LENOIR	2	0	3
LINCOLN	0	0	0
MACON	0	0	0
MADISON	0	0	1
MARTIN	0	1	1
MCDOWELL	0	0	0
MECKLENBURG	59	96	85
MITCHELL	0	0	0
MONTGOMERY	0	0	0
MOORE	0	4	3
NASH	3	3	4
NEW HANOVER	5	2	7
NORTHAMPTON	1	1	1
ONSLow	3	4	9
ORANGE	3	6	2
PAMLICO	2	0	0
PASQUOTANK	0	1	1
PENDER	0	3	1
PERQUIMANS	0	1	0
PERSON	2	2	1
PITT	5	14	9
POLK	0	0	0
RANDOLPH	0	1	4
RICHMOND	0	2	3
ROBESON	1	2	7
ROCKINGHAM	2	0	0
ROWAN	2	2	5
RUTHERFORD	1	0	0
SAMPSON	0	0	2
SCOTLAND	0	0	7
STANLY	2	1	1
STOKES	0	0	0
SURRY	0	2	0
SWAIN	1	0	0
TRANSYLVANIA	0	1	0
TYRRELL	0	0	0
UNION	2	2	4
VANCE	0	4	2
WAKE	21	54	37
WARREN	0	1	0
WASHINGTON	0	2	0
WATAUGA	0	0	3
WAYNE	3	7	0
WILKES	0	0	0
WILSON	1	3	3
YADKIN	0	2	0
YANCEY	0	0	0
UNASSIGNED*	8	17	11
TOTAL	229	431	367

* 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 April 5, 2015).

North Carolina HIV/STD Surveillance Report Vol. 2015, No.1

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-Mar	2014 Jan-Mar	2015 Jan-Mar
ALAMANCE	1	4	3
ALEXANDER	0	0	0
ALLEGHANY	0	0	0
ANSON	1	0	0
ASHE	0	0	0
AVERY	0	0	0
BEAUFORT	0	1	3
BERTIE	0	0	0
BLADEN	1	1	0
BRUNSWICK	2	1	0
BUNCOMBE	8	2	0
BURKE	0	3	2
CABARRUS	7	5	2
CALDWELL	0	1	0
CAMDEN	0	0	0
CARTERET	0	0	2
CASWELL	0	0	0
CATAWBA	3	0	1
CHATHAM	0	3	2
CHEROKEE	0	0	0
CHOWAN	0	0	0
CLAY	0	0	0
CLEVELAND	1	2	1
COLUMBUS	3	2	2
CRAVEN	1	1	3
CUMBERLAND	7	11	18
CURRITUCK	0	0	0
DARE	0	0	1
DAVIDSON	2	0	0
DAVIE	1	0	0
DUPLIN	2	0	0
DURHAM	3	7	19
EDGECOMBE	1	3	2
FORSYTH	5	6	2
FRANKLIN	1	0	0
GASTON	3	4	7
GATES	0	0	0
GRAHAM	0	0	0
GRANVILLE	2	0	1
GREENE	0	0	2
GUILFORD	9	14	6
HALIFAX	1	2	2
HARNETT	2	3	4
HAYWOOD	1	0	0
HENDERSON	0	0	0
HERTFORD	1	1	0
HOKE	0	1	0
HYDE	0	0	0
IREDELL	5	0	2
JACKSON	0	0	0
JOHNSTON	3	3	2
JONES	1	0	0
LEE	0	2	1

COUNTY	2013 Jan-Mar	2014 Jan-Mar	2015 Jan-Mar
LENOIR	2	1	2
LINCOLN	1	1	0
MACON	0	0	0
MADISON	0	0	2
MARTIN	0	0	0
MCDOWELL	0	0	0
MECKLENBURG	136	49	44
MITCHELL	1	0	0
MONTGOMERY	0	1	0
MOORE	0	4	4
NASH	7	2	5
NEW HANOVER	1	1	5
NORTHAMPTON	2	1	1
ONSLow	4	0	5
ORANGE	0	3	1
PAMLICO	0	0	0
PASQUOTANK	0	1	1
PENDER	0	1	0
PERQUIMANS	0	0	0
PERSON	0	1	0
PITT	8	3	1
POLK	0	0	0
RANDOLPH	1	0	2
RICHMOND	0	1	3
ROBESON	1	0	2
ROCKINGHAM	1	1	1
ROWAN	3	2	0
RUTHERFORD	1	0	0
SAMPSON	1	2	2
SCOTLAND	1	0	1
STANLY	5	0	0
STOKES	0	0	0
SURRY	0	1	0
SWAIN	0	0	0
TRANSYLVANIA	0	1	0
TYRRELL	0	0	0
UNION	6	3	2
VANCE	2	1	2
WAKE	20	17	26
WARREN	1	1	0
WASHINGTON	0	2	0
WATAUGA	0	0	0
WAYNE	2	3	0
WILKES	0	0	0
WILSON	2	3	3
YADKIN	0	0	0
YANCEY	0	0	0
UNASSIGNED*	3	15	9
TOTAL	290	205	214

* 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 April 5, 2015).