North Carolina HIV/STD Quarterly Surveillance Report: Vol. 2023, No. 1

HIV/STD Surveillance Unit

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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.

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. 2023, No. 1* presents statistics and trends of sexually transmitted diseases (including HIV and AIDS) in North Carolina from January 1 through September 30, 2022. All reports are presented by the **date of diagnosis**. 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 (https://epi.dph.ncdhhs.gov/cd/stds/figures.html). The CDC maintains data about these diseases for the United States; national information is available from its website (https://www.cdc.gov/hiv/library/reports/hiv-surveillance.html).

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES

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North Carolina Public Health

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 diagnosis in this publication.*** This gives a preliminary look at HIV infection surveillance for 2023. Also, HIV and AIDS cases diagnosed 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 (such as infertility), 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 diagnosis** 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 (such as infertility), 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 diagnosis** 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 diagnosis** in this publication.

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 https://epi.dph.ncdhhs.gov/cd/stds/figures.html.

Table 1. North Carolina Newly Diagnosed Chlamydia Infections by Gender and Age, 2023

Gender	Age Group	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2023 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	Unknown	2	0.0							2	0.0
	0-9	0	0.0							0	0.0
	10-14	12	0.1							12	0.1
	15-19	919	6.2							919	6.2
	20-24	1,774	12.0							1,774	12.0
	25-29	1,033	7.0							1,033	7.0
	30-34	598	4.0							598	4.0
	35-39	302	2.0							302	2.0
	40-44	158	1.1							158	1.1
	45-54	167	1.1							167	1.1
	55-64	75	0.5							75	0.5
	65+	20	0.1							20	0.1
	Total	5,060	34.2							5,060	34.2
Female	Unknown	0	0.0							0	0.0
	0-9	6	0.0							6	0.0
	10-14	66	0.4							66	0.4
	15-19	2,869	19.4							2,869	19.4
	20-24	3,661	24.8							3,661	24.8
	25-29	1,624	11.0							1,624	11.0
	30-34	823	5.6							823	5.6
	35-39	356	2.4							356	2.4
	40-44	165	1.1							165	1.1
	45-54	115	0.8							115	0.8
	55-64	30	0.2							30	0.2
	65+	5	0.0							5	0.0
	Total	9,720	65.8							9,720	65.8
Total	Unknown	2	0.0							2	0.0
	0-9	6	0.0							6	0.0
	10-14	78	0.5							78	0.5
	15-19	3,788	25.6							3,788	25.6
	20-24	5,435	36.8							5,435	36.8
	25-29	2,657	18.0							2,657	18.0
	30-34	1,421	9.6							1,421	9.6
	35-39	658	4.5							658	4.5
	40-44	323	2.2							323	2.2
	45-54	282	1.9							282	1.9
	55-64	105	0.7							105	0.7
	65+	25	0.2							25	0.2
	Total	14,780	100.0							14,780	100.0

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 1, 2023).

Table 2. North Carolina Newly Diagnosed Chlamydia Infections by Gender and Race/Ethnicity, 2023

Gender	Race/Ethnicity	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2023 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	American Indian/Alaska Native[a]	80	0.5							80	0.5
	Asian/Pacific Islander[a]	19	0.1							19	0.1
	Black/African American[a]	2,114	14.3							2,114	14.3
	Hispanic/Latino	465	3.1							465	3.1
	White/Caucasian[a]	712	4.8							712	4.8
	Multiple Race	40	0.3							40	0.3
	Unknown	1,630	11.0							1,630	11.0
	Total	5,060	34.2							5,060	34.2
Female	American Indian/Alaska Native[a]	198	1.3							198	1.3
	Asian/Pacific Islander[a]	63	0.4							63	0.4
	Black/African American[a]	3,461	23.4							3,461	23.4
	Hispanic/Latino	1,278	8.6							1,278	8.6
	White/Caucasian[a]	1,641	11.1							1,641	11.1
	Multiple Race	60	0.4							60	0.4
	Unknown	3,019	20.4							3,019	20.4
	Total	9,720	65.8							9,720	65.8
Total	American Indian/Alaska Native[a]	278	1.9							278	1.9
	Asian/Pacific Islander[a]	82	0.6							82	0.6
	Black/African American[a]	5,575	37.7							5,575	37.7
	Hispanic/Latino	1,743	11.8							1,743	11.8
	White/Caucasian[a]	2,353	15.9							2,353	15.9
	Multiple Race	100	0.7							100	0.7
	Unknown	4,649	31.5							4,649	31.5
	Total	14,780	100.0							14,780	100.0

[a]Non-Hispanic/Latino.

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 1, 2023).

Table 3. North Carolina Newly Diagnosed Gonorrhea Infections by Gender and Age, 2023

Gender	Age Group	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2023 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	Unknown	0	0.0							0	0.0
	0-9	1	0.0							1	0.0
	10-14	4	0.1							4	0.1
	15-19	316	7.2							316	7.2
	20-24	613	13.9							613	13.9
	25-29	541	12.3							541	12.3
	30-34	369	8.4							369	8.4
	35-39	211	4.8							211	4.8
	40-44	128	2.9							128	2.9
	45-54	145	3.3							145	3.3
	55-64	69	1.6							69	1.6
	65+	20	0.5							20	0.5
	Total	2,417	54.7							2,417	54.7
Female	Unknown	0	0.0							0	0.0
	0-9	0	0.0							0	0.0
	10-14	16	0.4							16	0.4
	15-19	484	11.0							484	11.0
	20-24	658	14.9							658	14.9
	25-29	360	8.2							360	8.2
	30-34	216	4.9							216	4.9
	35-39	127	2.9							127	2.9
	40-44	74	1.7							74	1.7
	45-54	50	1.1							50	1.1
	55-64	12	0.3							12	0.3
	65+	1	0.0							1	0.0
	Total	1,998	45.2							1,998	45.2
Total[a]	Unknown	0	0.0							0	0.0
	0-9	1	0.0							1	0.0
	10-14	20	0.5							20	0.5
	15-19	800	18.1							800	18.1
	20-24	1,272	28.8							1,272	28.8
	25-29	901	20.4							901	20.4
	30-34	585	13.2							585	13.2
	35-39	338	7.7							338	7.7
	40-44	202	4.6							202	4.6
	45-54	195	4.4							195	4.4
	55-64	81	1.8							81	1.8
	65+	21	0.5							21	0.5
	Total	4,416	100.0							4,416	100.0

[a]Total includes 1 case with unreported gender (1 case in Quarter 1).
Data Source: North Carolina Electronic Disease Surveillance System (data as of May 1, 2023).

Table 4. North Carolina Newly Diagnosed Gonorrhea Infections by Gender and Race/Ethnicity, 2023

Gender	Race/Ethnicity	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2023 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	American Indian/Alaska Native[a]	32	0.7							32	0.7
	Asian/Pacific Islander[a]	10	0.2							10	0.2
	Black/African American[a]	1,301	29.5							1,301	29.5
	Hispanic/Latino	143	3.2							143	3.2
	White/Caucasian[a]	270	6.1							270	6.1
	Multiple Race	23	0.5							23	0.5
	Unknown	638	14.4							638	14.4
	Total	2,417	54.7							2,417	54.7
Female	American Indian/Alaska Native[a]	51	1.2							51	1.2
	Asian/Pacific Islander[a]	10	0.2							10	0.2
	Black/African American[a]	945	21.4							945	21.4
	Hispanic/Latino	101	2.3							101	2.3
	White/Caucasian[a]	324	7.3							324	7.3
	Multiple Race	16	0.4							16	0.4
	Unknown	551	12.5							551	12.5
	Total	1,998	45.2							1,998	45.2
Total[b]	American Indian/Alaska Native[a]	83	1.9							83	1.9
	Asian/Pacific Islander[a]	20	0.5							20	0.5
	Black/African American[a]	2,246	50.9							2,246	50.9
	Hispanic/Latino	244	5.5							244	5.5
	White/Caucasian[a]	594	13.5							594	13.5
	Multiple Race	39	0.9							39	0.9
	Unknown	1,190	26.9							1,190	26.9
	Total	4,416	100.0							4,416	100.0

[a]Non-Hispanic/Latino.
[b]Total includes 1 case with unreported gender (1 case in Quarter 1).
Data Source: North Carolina Electronic Disease Surveillance System (data as of May 1, 2023).

Table 5. North Carolina Newly Diagnosed Early Syphilis (Primary, Secondary, and Early Latent) Infections by Gender and Age, 2023

Gender	Age Group	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2023 Total	
		Cases	%	Cases	%	Cases	%	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	15	1.6							15	1.6
	20-24	108	11.5							108	11.5
	25-29	131	13.9							131	13.9
	30-34	151	16.0							151	16.0
	35-39	80	8.5							80	8.5
	40-44	68	7.2							68	7.2
	45-54	100	10.6							100	10.6
	55-64	58	6.2							58	6.2
	65+	17	1.8							17	1.8
	Total	728	77.3							728	77.3
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	22	2.3							22	2.3
	20-24	39	4.1							39	4.1
	25-29	51	5.4							51	5.4
	30-34	29	3.1							29	3.1
	35-39	25	2.7							25	2.7
	40-44	12	1.3							12	1.3
	45-54	19	2.0							19	2.0
	55-64	15	1.6							15	1.6
	65+	2	0.2							2	0.2
	Total	214	22.7							214	22.7
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	37	3.9							37	3.9
	20-24	147	15.6							147	15.6
	25-29	182	19.3							182	19.3
	30-34	180	19.1							180	19.1
	35-39	105	11.1							105	11.1
	40-44	80	8.5							80	8.5
	45-54	119	12.6							119	12.6
	55-64	73	7.7							73	7.7
	65+	19	2.0							19	2.0
	Total	942	100.0							942	100.0

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 1, 2023).

Table 6. North Carolina Newly Diagnosed Early Syphilis (Primary, Secondary, and Early Latent) Infections by Gender and Race/Ethnicity, 2023

Gender	Race/Ethnicity	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2023 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	American Indian/Alaska Native[a]	4	0.4							4	0.4
	Asian/Pacific Islander[a]	6	0.6							6	0.6
	Black/African American[a]	422	44.8							422	44.8
	Hispanic/Latino	72	7.6							72	7.6
	White/Caucasian[a]	160	17.0							160	17.0
	Multiple Race	37	3.9							37	3.9
	Unknown	27	2.9							27	2.9
	Total	728	77.3							728	77.3
Female	American Indian/Alaska Native[a]	3	0.3							3	0.3
	Asian/Pacific Islander[a]	1	0.1							1	0.1
	Black/African American[a]	110	11.7							110	11.7
	Hispanic/Latino	12	1.3							12	1.3
	White/Caucasian[a]	71	7.5							71	7.5
	Multiple Race	11	1.2							11	1.2
	Unknown	6	0.6							6	0.6
	Total	214	22.7							214	22.7
Total[c]	American Indian/Alaska Native[a]	7	0.7							7	0.7
	Asian/Pacific Islander[a]	7	0.7							7	0.7
	Black/African American[a]	532	56.5							532	56.5
	Hispanic/Latino	84	8.9							84	8.9
	White/Caucasian[a]	231	24.5							231	24.5
	Multiple Race	48	5.1							48	5.1
	Unknown	33	3.5							33	3.5
	Total	942	100.0							942	100.0

[a]Non-Hispanic/Latino.

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 1, 2023).

Table 7. North Carolina Newly Diagnosed Chlamydia, Gonorrhea, and Early Syphilis (Primary, Secondary, and Early Latent) Infections by County of Residence at Time of Diagnosis, 2020-2023

COUNTY	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2021 Jan-Mar	2022 Jan-Mar	2023 Jan-Mar	2021 Jan-Mar	2022 Jan-Mar	2023 Jan-Mar	2021 Jan-Mar	2022 Jan-Mar	2023 Jan-Mar	2021 Jan-Mar	2022 Jan-Mar	2023 Jan-Mar
ALAMANCE	247	212	232	99	105	48	7	15	12	2	15	10
ALEXANDER	24	21	13	10	2	2	0	1	2	0	0	0
ALLEGHANY	4	1	5	1	0	2	0	0	0	0	0	0
ANSON	51	44	69	25	24	10	0	2	1	1	1	2
ASHE	25	7	5	7	1	2	1	1	1	0	0	0
AVERY	7	7	4	0	1	1	0	0	0	0	0	0
BEAUFORT	73	59	55	29	23	12	1	1	3	0	0	0
BERTIE	28	48	22	15	16	13	0	4	1	1	2	2
BLADEN	35	44	61	28	19	15	1	1	2	0	2	3
BRUNSWICK	105	97	78	35	27	13	3	1	1	0	4	0
BUNCOMBE	260	252	205	112	112	50	6	9	11	4	6	10
BURKE	95	56	59	27	10	15	2	6	1	2	1	1
CABARRUS	335	299	350	95	103	98	6	5	8	1	5	7
CALDWELL	66	79	60	28	17	14	2	4	4	0	2	2
CAMDEN	7	2	8	1	2	0	0	0	0	0	0	0
CARTERET	37	40	50	12	9	7	0	2	3	1	2	0
CASWELL	17	29	26	18	10	6	1	2	2	1	0	0
CATAWBA	189	167	123	60	61	48	2	8	4	3	8	4
CHATHAM	51	64	45	9	12	7	1	0	2	0	0	0
CHEROKEE	7	11	6	5	0	0	0	0	0	0	0	0
CHOWAN	21	19	21	13	10	3	1	0	0	0	0	0
CLAY	6	6	2	0	0	0	0	0	1	0	0	0
CLEVELAND	206	160	135	73	73	36	2	7	10	1	8	6
COLUMBUS	88	74	53	44	40	18	1	3	1	1	3	1
CRAVEN	147	102	134	54	32	32	1	3	2	1	2	6
CUMBERLAND	1,042	1,016	869	435	427	298	18	28	32	8	26	16
CURRITUCK	12	12	0	7	0	0	0	0	0	1	0	0
DARE	12	21	23	2	3	1	0	1	0	0	0	1
DAVIDSON	199	193	160	104	87	62	4	5	7	2	8	3
DAVIE	29	29	31	10	19	5	0	2	2	0	1	0
DUPLIN	102	94	79	26	29	19	2	2	0	0	1	0
DURHAM	585	650	633	281	257	216	23	44	20	16	21	15
EDGECOMBE	138	169	173	69	93	62	1	7	8	1	5	6
FORSYTH	728	697	394	470	288	136	17	20	26	4	17	14
FRANKLIN	80	76	75	34	42	18	0	2	2	1	2	1
GASTON	404	354	314	182	172	100	8	8	13	5	10	9
GATES	10	3	4	2	2	0	0	0	0	0	0	1
GRAHAM	2	2	3	1	0	0	0	0	0	0	0	0
GRANVILLE	74	80	88	38	46	33	0	1	2	1	1	2
GREENE	27	28	48	14	14	11	1	1	2	3	2	1
GUILFORD	1,142	1,092	1,057	586	480	340	45	43	25	31	39	35
HALIFAX	132	121	110	80	37	30	2	0	5	1	1	0
HARNETT	207	182	154	85	58	48	4	5	3	2	8	11
HAYWOOD	41	36	30	15	5	2	1	2	0	0	2	2
HENDERSON	69	73	59	30	23	16	2	3	1	2	1	0
HERTFORD	49	52	38	18	18	17	0	0	0	0	2	1
HOKE	127	117	70	48	63	14	2	8	6	2	5	5
HYDE	3	5	1	2	1	1	0	0	0	0	0	0
IREDELL	187	163	182	85	77	58	5	6	1	1	2	0
JACKSON	67	73	59	12	8	14	0	1	0	0	0	1
JOHNSTON	231	232	264	85	106	71	12	8	9	8	4	2
JONES	11	10	8	6	9	1	0	0	0	0	0	0

Continued

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 1, 2023).

Table 7 (Continued). North Carolina Newly Diagnosed Chlamydia, Gonorrhea, and Early Syphilis (Primary, Secondary, and Early Latent) Infections by County of Residence at Time of Diagnosis, 2021-2023

COUNTY	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2021 Jan-Mar	2022 Jan-Mar	2023 Jan-Mar	2021 Jan-Mar	2022 Jan-Mar	2023 Jan-Mar	2021 Jan-Mar	2022 Jan-Mar	2023 Jan-Mar	2021 Jan-Mar	2022 Jan-Mar	2023 Jan-Mar
LEE	77	90	57	30	35	14	1	1	3	1	3	1
LENOIR	141	163	100	73	76	41	0	2	6	1	7	5
LINCOLN	63	73	54	16	24	17	4	2	4	0	1	0
MACON	28	19	18	8	6	0	1	0	0	0	0	0
MADISON	17	14	9	5	5	0	1	0	0	0	0	0
MARTIN	35	47	34	25	15	11	1	0	1	0	1	1
MCDOWELL	31	32	35	17	20	11	1	9	5	1	3	2
MECKLENBURG	2,520	2,456	2,482	1,183	1,130	817	97	110	125	85	92	97
MITCHELL	6	6	3	3	3	0	0	0	0	0	0	0
MONTGOMERY	31	32	34	21	16	7	1	0	0	1	0	1
MOORE	111	99	88	44	38	21	1	0	0	0	4	1
NASH	166	175	161	101	99	68	2	8	10	2	4	5
NEW HANOVER	333	274	252	91	78	53	7	14	7	4	5	5
NORTHAMPTON	37	46	35	17	15	12	1	2	0	0	0	0
ONSLOW	538	461	443	109	153	58	2	3	3	5	6	2
ORANGE	175	190	164	34	58	41	3	7	2	0	4	2
PAMLICO	10	5	13	4	4	5	0	0	0	0	0	0
PASQUOTANK	59	66	55	39	24	18	1	0	1	0	0	2
PENDER	35	39	41	10	14	9	2	0	0	0	1	1
PERQUIMANS	12	11	13	5	15	2	0	0	1	0	0	0
PERSON	80	55	40	34	30	15	0	2	1	1	0	1
PITT	482	602	459	202	251	145	9	18	17	3	15	14
POLK	12	11	9	5	3	1	0	0	0	0	0	0
RANDOLPH	138	136	137	50	40	35	1	4	3	0	8	6
RICHMOND	105	97	62	58	54	20	0	4	4	0	2	1
ROBESON	359	312	325	187	165	94	1	17	8	4	7	8
ROCKINGHAM	98	100	80	43	32	25	3	1	3	1	1	0
ROWAN	196	208	209	77	70	76	3	8	11	2	9	6
RUTHERFORD	73	45	48	36	45	19	0	4	12	1	2	7
SAMPSON	72	96	94	27	35	18	2	3	3	1	2	3
SCOTLAND	63	89	97	24	46	28	2	0	2	1	1	0
STANLY	65	54	69	25	25	10	0	2	0	0	0	1
STOKES	36	15	17	9	11	3	3	1	0	0	0	0
SURRY	51	59	29	28	19	5	0	3	1	0	0	0
SWAIN	14	14	9	8	11	1	0	0	0	0	0	1
TRANSYLVANIA	18	14	13	5	4	1	1	0	0	1	0	1
TYRRELL	1	2	1	0	3	0	0	0	0	0	0	0
UNION	259	239	246	89	74	45	1	4	7	2	5	5
VANCE	95	122	153	55	104	91	3	5	3	2	0	0
WAKE	1,379	1,562	1,257	601	545	399	58	41	45	41	49	30
WARREN	22	26	28	14	13	10	1	3	0	0	1	0
WASHINGTON	17	27	16	6	12	3	0	0	0	0	0	0
WATAUGA	30	109	77	2	12	1	2	0	1	0	1	1
WAYNE	250	221	231	103	77	57	2	5	6	1	2	6
WILKES	34	36	34	28	17	6	4	0	0	0	2	0
WILSON	207	232	174	112	117	72	4	2	5	7	10	10
YADKIN	21	25	18	8	11	5	1	1	0	0	1	0
YANCEY	7	7	10	2	4	1	0	0	0	0	0	0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	16,450	16,293	14,780	7,200	6,731	4,416	412	558	536	276	468	406

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 1, 2023).

Table 8. North Carolina Newly Diagnosed HIV Infections by County of Residence at Time of Diagnosis, 2021-2023

COUNTY	2021 Jan-Mar	2022 Jan-Mar	2023 Jan-Mar
ALAMANCE	5	2	4
ALEXANDER	0	0	1
ALLEGHANY	1	0	0
ANSON	0	2	0
ASHE	0	0	2
AVERY	0	0	0
BEAUFORT	1	4	0
BERTIE	0	1	0
BLADEN	2	0	0
BRUNSWICK	1	1	2
BUNCOMBE	1	6	1
BURKE	2	1	1
CABARRUS	7	7	9
CALDWELL	0	2	1
CAMDEN	0	0	0
CARTERET	0	0	0
CASWELL	1	1	0
CATAWBA	1	5	4
CHATHAM	2	2	3
CHEROKEE	0	0	1
CHOWAN	0	0	0
CLAY	0	0	0
CLEVELAND	2	3	2
COLUMBUS	0	1	1
CRAVEN	3	4	2
CUMBERLAND	17	14	23
CURRITUCK	0	0	0
DARE	0	2	1
DAVIDSON	0	5	2
DAVIE	2	0	2
DUPLIN	2	1	1
DURHAM	11	17	17
EDGECOMBE	4	3	2
FORSYTH	15	18	17
FRANKLIN	3	2	1
GASTON	7	3	4
GATES	1	0	1
GRAHAM	0	0	0
GRANVILLE	0	1	0
GREENE	1	0	1
GUILFORD	34	36	26
HALIFAX	1	1	3
HARNETT	2	2	5
HAYWOOD	1	1	2
HENDERSON	6	1	1
HERTFORD	1	0	1
HOKE	3	5	1
HYDE	0	0	0
IREDELL	2	3	2
JACKSON	0	0	0
JOHNSTON	2	6	1
JONES	0	0	0
LEE	0	1	4
LENOIR	0	2	1
LINCOLN	0	0	0
MACON	0	0	1
MADISON	0	0	0
MARTIN	3	5	0
MCDOWELL	0	0	0
MECKLENBURG	78	64	84
MITCHELL	1	0	0
MONTGOMERY	0	0	0
MOORE	1	1	2
NASH	3	8	2
NEW HANOVER	9	5	2
NORTHAMPTON	0	1	2
ONSLOW	0	5	5
ORANGE	3	1	4
PAMLICO	1	0	1
PASQUOTANK	0	0	1
PENDER	2	0	1
PERQUIMANS	0	0	0
PERSON	1	0	0
PITT	6	12	16
POLK	0	0	0
RANDOLPH	3	4	2
RICHMOND	1	1	0
ROBESON	1	6	8
ROCKINGHAM	0	1	4
ROWAN	5	2	3
RUTHERFORD	1	0	0
SAMPSON	2	3	2
SCOTLAND	2	2	3
STANLY	1	1	2
STOKES	0	0	1
SURRY	0	0	1
SWAIN	0	0	0
TRANSYLVANIA	1	0	1
TYRRELL	0	0	0
UNION	0	5	4
VANCE	4	4	5
WAKE	39	44	38
WARREN	1	0	0
WASHINGTON	0	1	0
WATAUGA	0	0	0
WAYNE	5	3	4
WILKES	0	0	1
WILSON	1	2	4
YADKIN	0	0	1
YANCEY	0	0	0
UNASSIGNED*	3	10	10
TOTAL	322	357	368

* 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 May 1, 2023).

Table 9. North Carolina Newly Diagnosed AIDS (HIV Infection Stage 3) Cases by County of Residence at Time of Diagnosis, 2021-2023

COUNTY	2021 Jan-Mar	2022 Jan-Mar	2023 Jan-Mar
ALAMANCE	4	2	1
ALEXANDER	1	0	0
ALLEGHANY	0	0	0
ANSON	0	0	3
ASHE	0	0	1
AVERY	0	0	0
BEAUFORT	1	3	1
BERTIE	0	0	0
BLADEN	0	0	1
BRUNSWICK	1	0	2
BUNCOMBE	0	4	1
BURKE	1	0	0
CABARRUS	0	3	2
CALDWELL	0	0	0
CAMDEN	0	0	0
CARTERET	0	1	0
CASWELL	0	1	0
CATAWBA	1	1	1
CHATHAM	0	0	0
CHEROKEE	0	1	0
CHOWAN	0	0	0
CLAY	0	0	0
CLEVELAND	1	1	3
COLUMBUS	0	2	1
CRAVEN	1	1	0
CUMBERLAND	11	6	11
CURRITUCK	0	0	0
DARE	0	1	1
DAVIDSON	1	2	2
DAVIE	1	0	2
DUPLIN	1	1	0
DURHAM	11	5	6
EDGECOMBE	2	6	2
FORSYTH	9	8	9
FRANKLIN	1	2	1
GASTON	1	1	4
GATES	0	0	0
GRAHAM	0	0	0
GRANVILLE	1	0	0
GREENE	1	0	0
GUILFORD	9	7	13
HALIFAX	2	0	1
HARNETT	0	0	1
HAYWOOD	0	0	0
HENDERSON	1	0	1
HERTFORD	1	0	1
HOKE	2	3	0
HYDE	0	0	0
IREDELL	0	0	0
JACKSON	0	0	0
JOHNSTON	1	1	1
JONES	0	0	0
LEE	1	0	3
LENOIR	0	0	2
LINCOLN	0	0	0
MACON	1	0	0
MADISON	0	0	0
MARTIN	2	3	0
MCDOWELL	0	1	0
MECKLENBURG	16	22	45
MITCHELL	1	0	0
MONTGOMERY	1	0	0
MOORE	2	0	0
NASH	2	2	2
NEW HANOVER	2	1	0
NORTHAMPTON	0	0	2
ONSLOW	2	1	3
ORANGE	0	0	2
PAMLICO	0	1	0
PASQUOTANK	0	1	1
PENDER	2	1	0
PERQUIMANS	0	0	0
PERSON	1	1	1
PITT	4	2	5
POLK	0	0	0
RANDOLPH	0	1	1
RICHMOND	1	1	0
ROBESON	3	1	4
ROCKINGHAM	0	0	1
ROWAN	0	1	0
RUTHERFORD	1	0	0
SAMPSON	2	1	1
SCOTLAND	2	1	0
STANLY	2	0	2
STOKES	0	0	0
SURRY	0	0	2
SWAIN	0	0	0
TRANSYLVANIA	0	0	0
TYRRELL	0	0	0
UNION	1	3	3
VANCE	2	2	0
WAKE	17	12	21
WARREN	0	3	1
WASHINGTON	0	1	0
WATAUGA	0	0	0
WAYNE	2	2	2
WILKES	0	0	0
WILSON	1	0	2
YADKIN	0	0	0
YANCEY	0	0	0
UNASSIGNED*	0	0	1
TOTAL	138	128	180

* 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 May 1, 2023).