North Carolina HIV/STD Quarterly Surveillance Report: Vol. 2024, 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. 2024, No. 1* presents statistics and trends of sexually transmitted diseases (including HIV and AIDS) in North Carolina from January 1 through March 31, 2024. 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 2024. 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, 2024

Gender	Age Group	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2024 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	Unknown	1	0.0							1	0.0
	0-9	4	0.0							4	0.0
	10-14	15	0.1							15	0.1
	15-19	1,058	7.0							1,058	7.0
	20-24	1,770	11.7							1,770	11.7
	25-29	974	6.4							974	6.4
	30-34	598	3.9							598	3.9
	35-39	368	2.4							368	2.4
	40-44	163	1.1							163	1.1
	45-54	176	1.2							176	1.2
	55-64	76	0.5							76	0.5
	65+	16	0.1							16	0.1
	Total	5,219	34.4							5,219	34.4
Female	Unknown	6	0.0							6	0.0
	0-9	3	0.0							3	0.0
	10-14	66	0.4							66	0.4
	15-19	2,983	19.7							2,983	19.7
	20-24	3,561	23.5							3,561	23.5
	25-29	1,643	10.8							1,643	10.8
	30-34	894	5.9							894	5.9
	35-39	404	2.7							404	2.7
	40-44	192	1.3							192	1.3
	45-54	140	0.9							140	0.9
	55-64	48	0.3							48	0.3
	65+	10	0.1							10	0.1
	Total	9,950	65.6							9,950	65.6
Total	Unknown	7	0.0							7	0.0
	0-9	7	0.0							7	0.0
	10-14	81	0.5							81	0.5
	15-19	4,041	26.6							4,041	26.6
	20-24	5,331	35.1							5,331	35.1
	25-29	2,617	17.3							2,617	17.3
	30-34	1,492	9.8							1,492	9.8
	35-39	772	5.1							772	5.1
	40-44	355	2.3							355	2.3
	45-54	316	2.1							316	2.1
	55-64	124	0.8							124	0.8
	65+	26	0.2							26	0.2
	Total	15,169	100.0							15,169	100.0

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 6, 2024).

Table 2. North Carolina Newly Diagnosed Chlamydia Infections by Gender and Race/Ethnicity, 2024

Gender	Race/Ethnicity	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2024 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	American Indian/Alaska Native[a]	75	0.5							75	0.5
	Asian/Pacific Islander[a]	30	0.2							30	0.2
	Black/African American[a]	2,241	14.8							2,241	14.8
	Hispanic/Latino	583	3.8							583	3.8
	White/Caucasian[a]	783	5.2							783	5.2
	Multiple Race	34	0.2							34	0.2
	Unknown	1,473	9.7							1,473	9.7
	Total	5,219	34.4							5,219	34.4
Female	American Indian/Alaska Native[a]	222	1.5							222	1.5
	Asian/Pacific Islander[a]	64	0.4							64	0.4
	Black/African American[a]	3,807	25.1							3,807	25.1
	Hispanic/Latino	1,376	9.1							1,376	9.1
	White/Caucasian[a]	1,707	11.3							1,707	11.3
	Multiple Race	69	0.5							69	0.5
	Unknown	2,705	17.8							2,705	17.8
	Total	9,950	65.6							9,950	65.6
Total	American Indian/Alaska Native[a]	297	2.0							297	2.0
	Asian/Pacific Islander[a]	94	0.6							94	0.6
	Black/African American[a]	6,048	39.9							6,048	39.9
	Hispanic/Latino	1,959	12.9							1,959	12.9
	White/Caucasian[a]	2,490	16.4							2,490	16.4
	Multiple Race	103	0.7							103	0.7
	Unknown	4,178	27.5							4,178	27.5
	Total	15,169	100.0							15,169	100.0

[a]Non-Hispanic/Latino.

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 6, 2024).

Table 3. North Carolina Newly Diagnosed Gonorrhea Infections by Gender and Age, 2024

Gender	Age Group	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2024 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	Unknown	0	0.0							0	0.0
	0-9	1	0.0							1	0.0
	10-14	3	0.1							3	0.1
	15-19	445	7.6							445	7.6
	20-24	824	14.2							824	14.2
	25-29	663	11.4							663	11.4
	30-34	567	9.7							567	9.7
	35-39	309	5.3							309	5.3
	40-44	189	3.2							189	3.2
	45-54	197	3.4							197	3.4
	55-64	103	1.8							103	1.8
	65+	21	0.4							21	0.4
	Total	3,322	57.1							3,322	57.1
Female	Unknown	0	0.0							0	0.0
	0-9	2	0.0							2	0.0
	10-14	19	0.3							19	0.3
	15-19	606	10.4							606	10.4
	20-24	856	14.7							856	14.7
	25-29	403	6.9							403	6.9
	30-34	273	4.7							273	4.7
	35-39	149	2.6							149	2.6
	40-44	90	1.5							90	1.5
	45-54	81	1.4							81	1.4
	55-64	19	0.3							19	0.3
	65+	2	0.0							2	0.0
	Total	2,500	42.9							2,500	42.9
Total	Unknown	0	0.0							0	0.0
	0-9	3	0.1							3	0.1
	10-14	22	0.4							22	0.4
	15-19	1,051	18.1							1,051	18.1
	20-24	1,680	28.9							1,680	28.9
	25-29	1,066	18.3							1,066	18.3
	30-34	840	14.4							840	14.4
	35-39	458	7.9							458	7.9
	40-44	279	4.8							279	4.8
	45-54	278	4.8							278	4.8
	55-64	122	2.1							122	2.1
	65+	23	0.4							23	0.4
	Total	5,822	100.0							5,822	100.0

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 6, 2024

Table 4. North Carolina Newly Diagnosed Gonorrhea Infections by Gender and Race/Ethnicity, 2024

Gender	Race/Ethnicity	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2024 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	American Indian/Alaska Native[a]	51	0.9							51	0.9
	Asian/Pacific Islander[a]	20	0.3							20	0.3
	Black/African American[a]	1,805	31.0							1,805	31.0
	Hispanic/Latino	233	4.0							233	4.0
	White/Caucasian[a]	421	7.2							421	7.2
	Multiple Race	39	0.7							39	0.7
	Unknown	753	12.9							753	12.9
	Total	3,322	57.1							3,322	57.1
Female	American Indian/Alaska Native[a]	43	0.7							43	0.7
	Asian/Pacific Islander[a]	7	0.1							7	0.1
	Black/African American[a]	1,263	21.7							1,263	21.7
	Hispanic/Latino	123	2.1							123	2.1
	White/Caucasian[a]	434	7.5							434	7.5
	Multiple Race	23	0.4							23	0.4
	Unknown	607	10.4							607	10.4
	Total	2,500	42.9							2,500	42.9
Total	American Indian/Alaska Native[a]	94	1.6							94	1.6
	Asian/Pacific Islander[a]	27	0.5							27	0.5
	Black/African American[a]	3,068	52.7							3,068	52.7
	Hispanic/Latino	356	6.1							356	6.1
	White/Caucasian[a]	855	14.7							855	14.7
	Multiple Race	62	1.1							62	1.1
	Unknown	1,360	23.4							1,360	23.4
	Total	5,822	100.0							5,822	100.0

[a]Non-Hispanic/Latino.

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 6, 2024).

Table 5. North Carolina Newly Diagnosed Early Syphilis (Primary, Secondary, and Early Latent) Infections by Gender and Age, 2024

Gender	Age Group	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2024 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	23	2.5							23	2.5
	20-24	76	8.4							76	8.4
	25-29	127	14.1							127	14.1
	30-34	130	14.4							130	14.4
	35-39	104	11.5							104	11.5
	40-44	59	6.5							59	6.5
	45-54	80	8.9							80	8.9
	55-64	76	8.4							76	8.4
	65+	16	1.8							16	1.8
	Total	691	76.5							691	76.5
Female	Unknown	0	0.0							0	0.0
	0-9	0	0.0							0	0.0
	10-14	1	0.1							1	0.1
	15-19	10	1.1							10	1.1
	20-24	38	4.2							38	4.2
	25-29	48	5.3							48	5.3
	30-34	40	4.4							40	4.4
	35-39	23	2.5							23	2.5
	40-44	13	1.4							13	1.4
	45-54	27	3.0							27	3.0
	55-64	11	1.2							11	1.2
	65+	1	0.1							1	0.1
	Total	212	23.5							212	23.5
Total	Unknown	0	0.0							0	0.0
	0-9	0	0.0							0	0.0
	10-14	1	0.1							1	0.1
	15-19	33	3.7							33	3.7
	20-24	114	12.6							114	12.6
	25-29	175	19.4							175	19.4
	30-34	170	18.8							170	18.8
	35-39	127	14.1							127	14.1
	40-44	72	8.0							72	8.0
	45-54	107	11.8							107	11.8
	55-64	87	9.6							87	9.6
	65+	17	1.9							17	1.9
	Total	903	100.0							903	100.0

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 6, 2024).

Table 6. North Carolina Newly Diagnosed Early Syphilis (Primary, Secondary, and Early Latent) Infections by Gender and Race/Ethnicity, 2024

Gender	Race/Ethnicity	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2024 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	American Indian/Alaska Native[a]	8	0.9							8	0.9
	Asian/Pacific Islander[a]	6	0.7							6	0.7
	Black/African American[a]	361	40.0							361	40.0
	Hispanic/Latino	102	11.3							102	11.3
	White/Caucasian[a]	176	19.5							176	19.5
	Multiple Race	28	3.1							28	3.1
	Unknown	10	1.1							10	1.1
	Total	691	76.5							691	76.5
Female	American Indian/Alaska Native[a]	7	0.8							7	0.8
	Asian/Pacific Islander[a]	0	0.0							0	0.0
	Black/African American[a]	101	11.2							101	11.2
	Hispanic/Latino	16	1.8							16	1.8
	White/Caucasian[a]	78	8.6							78	8.6
	Multiple Race	5	0.6							5	0.6
	Unknown	5	0.6							5	0.6
	Total	212	23.5							212	23.5
Total[c]	American Indian/Alaska Native[a]	15	1.7							15	1.7
	Asian/Pacific Islander[a]	6	0.7							6	0.7
	Black/African American[a]	462	51.2							462	51.2
	Hispanic/Latino	118	13.1							118	13.1
	White/Caucasian[a]	254	28.1							254	28.1
	Multiple Race	33	3.7							33	3.7
	Unknown	15	1.7							15	1.7
	Total	903	100.0							903	100.0

[a]Non-Hispanic/Latino.

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 6, 2024).

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, 2022-2024

COUNTY	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2022 Jan-Mar	2023 Jan-Mar	2024 Jan-Mar	2022 Jan-Mar	2023 Jan-Mar	2024 Jan-Mar	2022 Jan-Mar	2023 Jan-Mar	2024 Jan-Mar	2022 Jan-Mar	2023 Jan-Mar	2024 Jan-Mar
ALAMANCE	212	278	195	105	89	73	15	14	4	15	12	7
ALEXANDER	21	14	8	2	3	2	1	2	0	0	0	0
ALLEGHANY	1	6	4	0	5	1	0	0	1	0	0	1
ANSON	44	77	46	24	16	16	2	1	1	1	2	0
ASHE	7	8	6	1	4	2	1	0	1	0	0	1
AVERY	7	7	4	1	1	0	0	0	0	0	0	0
BEAUFORT	59	60	56	23	21	18	1	3	1	0	0	2
BERTIE	48	34	19	16	17	5	4	1	2	2	2	0
BLADEN	44	66	55	19	21	13	1	2	0	2	3	1
BRUNSWICK	97	86	108	27	19	28	1	1	1	4	0	1
BUNCOMBE	252	219	211	112	70	64	9	11	10	6	10	8
BURKE	56	67	46	10	20	14	6	1	4	1	1	1
CABARRUS	299	382	305	103	133	97	5	8	12	5	6	7
CALDWELL	79	70	52	17	21	21	4	3	7	2	2	3
CAMDEN	2	11	7	2	1	0	0	0	0	0	0	0
CARTERET	40	55	47	9	9	7	2	3	1	2	0	0
CASWELL	29	33	25	10	11	7	2	2	0	0	0	0
CATAWBA	167	142	124	60	67	47	8	4	6	8	4	7
CHATHAM	64	48	45	12	17	10	0	2	0	0	0	1
CHEROKEE	11	6	12	0	0	2	0	0	1	0	0	1
CHOWAN	19	26	12	10	4	6	0	0	1	0	0	0
CLAY	6	3	6	0	0	1	0	1	0	0	0	0
CLEVELAND	160	141	162	73	48	60	7	11	6	8	6	5
COLUMBUS	74	59	57	40	27	16	3	3	1	3	1	3
CRAVEN	102	153	115	32	49	43	3	4	3	2	6	3
CUMBERLAND	1,016	981	800	427	405	350	28	32	20	26	21	28
CURRITUCK	12	21	8	0	4	0	0	0	1	0	0	0
DARE	21	28	21	3	1	2	1	0	1	0	1	0
DAVIDSON	193	182	164	87	88	66	5	8	7	8	3	3
DAVIE	29	32	29	19	7	8	2	2	2	1	0	0
DUPLIN	94	89	72	30	22	19	2	0	2	1	2	3
DURHAM	650	767	670	257	326	334	44	20	15	21	18	12
EDGECOMBE	169	189	136	93	84	80	7	9	3	5	6	4
FORSYTH	699	759	744	288	315	311	20	30	18	18	19	14
FRANKLIN	77	90	73	42	28	24	2	2	2	2	1	0
GASTON	354	343	356	172	152	123	8	13	20	10	10	7
GATES	3	7	7	2	0	2	0	0	0	0	1	0
GRAHAM	2	3	1	0	0	0	0	0	0	0	0	0
GRANVILLE	80	95	77	46	38	19	1	2	1	1	3	1
GREENE	28	49	27	14	18	16	1	3	1	2	1	1
GUILFORD	1,092	1,293	972	480	535	503	43	27	41	39	38	19
HALIFAX	121	123	112	37	41	33	0	5	0	1	0	1
HARNETT	182	173	148	58	71	76	5	3	2	8	12	8
HAYWOOD	36	33	27	5	3	4	2	0	0	2	2	1
HENDERSON	73	76	60	23	21	21	3	1	4	1	0	1
HERTFORD	52	59	46	18	26	15	0	0	2	2	1	1
HOKE	117	92	46	63	28	16	8	6	6	5	6	5
HYDE	5	1	1	1	1	0	0	0	0	0	0	1
IREDELL	163	196	177	77	76	72	6	2	3	2	0	4
JACKSON	73	81	54	8	18	2	1	0	0	0	1	2
JOHNSTON	232	288	278	106	105	86	8	9	7	4	2	2
JONES	10	12	3	9	3	2	0	0	0	0	0	0

Continued

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 6, 2024).

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, 2022-2024

COUNTY	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2022 Jan-Mar	2023 Jan-Mar	2024 Jan-Mar	2022 Jan-Mar	2023 Jan-Mar	2024 Jan-Mar	2022 Jan-Mar	2023 Jan-Mar	2024 Jan-Mar	2022 Jan-Mar	2023 Jan-Mar	2024 Jan-Mar
LEE	90	62	92	35	21	24	1	3	0	3	2	2
LENOIR	163	123	156	76	62	67	2	6	4	7	5	2
LINCOLN	73	55	66	24	24	21	2	4	1	1	0	5
MACON	19	21	23	6	1	1	0	0	1	0	0	0
MADISON	14	13	9	5	0	3	0	0	0	0	0	0
MARTIN	47	38	51	15	17	18	0	2	2	1	1	0
MCDOWELL	32	39	28	20	15	7	9	5	0	3	3	1
MECKLENBURG	2,456	2,672	2,484	1,130	1,145	1,014	112	128	114	93	102	94
MITCHELL	6	5	3	3	0	0	0	0	0	0	0	0
MONTGOMERY	32	36	22	16	9	5	0	0	0	0	1	0
MOORE	99	99	62	38	28	19	0	0	3	4	1	1
NASH	175	210	167	99	105	94	8	11	15	4	6	12
NEW HANOVER	274	292	247	78	74	83	14	10	6	4	6	3
NORTHAMPTON	46	43	24	15	16	7	2	0	1	0	0	2
ONSLOW	461	502	409	153	93	83	3	5	1	6	4	5
ORANGE	190	179	159	58	59	67	7	4	1	4	3	2
PAMLICO	5	14	9	4	8	2	0	0	0	0	0	0
PASQUOTANK	66	68	74	24	30	24	0	1	3	0	2	0
PENDER	39	54	51	14	13	15	0	1	1	1	2	1
PERQUIMANS	11	14	13	15	4	2	0	1	0	0	0	1
PERSON	55	47	47	30	26	29	2	1	0	0	1	1
PITT	602	509	468	251	210	204	18	17	16	15	14	8
POLK	11	10	4	3	2	1	0	0	0	0	0	0
RANDOLPH	136	154	108	40	51	42	4	4	5	8	8	3
RICHMOND	97	82	69	54	34	37	4	4	0	2	2	3
ROBESON	312	357	322	165	132	122	17	8	8	7	9	9
ROCKINGHAM	100	93	77	32	40	29	1	3	1	1	1	3
ROWAN	208	231	215	70	109	75	8	12	7	9	8	6
RUTHERFORD	45	53	50	45	27	25	4	12	6	2	7	8
SAMPSON	96	111	81	35	26	31	3	4	1	2	3	2
SCOTLAND	89	111	96	46	41	37	0	2	1	1	0	0
STANLY	54	79	60	25	22	16	2	1	0	0	2	0
STOKES	15	23	15	11	3	7	1	0	3	0	0	1
SURRY	59	31	43	19	9	9	3	1	4	0	0	0
SWAIN	14	13	12	11	2	1	0	0	0	0	1	1
TRANSYLVANIA	14	17	13	4	3	2	0	0	0	0	1	0
TYRRELL	2	2	6	3	0	1	0	0	0	0	0	0
UNION	239	275	230	74	65	57	4	9	2	5	5	7
VANCE	122	164	125	104	106	51	5	3	3	0	0	1
WAKE	1,562	1,529	1,537	545	584	549	42	49	49	48	38	39
WARREN	26	37	36	13	12	9	3	0	0	1	0	1
WASHINGTON	27	16	30	12	5	4	0	0	1	0	0	0
WATAUGA	109	94	47	12	6	13	0	1	2	1	1	0
WAYNE	221	265	221	77	85	91	5	6	5	2	6	3
WILKES	36	38	45	17	10	12	0	0	0	2	0	0
WILSON	232	201	204	117	107	72	2	6	6	10	11	9
YADKIN	25	22	18	11	8	0	1	0	2	1	0	0
YANCEY	7	11	5	4	1	3	0	0	1	0	0	0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	16,296	17,227	15,169	6,731	6,539	5,822	561	575	497	468	459	406

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 6, 2024).

Table 8. North Carolina Newly Diagnosed HIV Infections by County of Residence at Time of Diagnosis, 2022-2024

COUNTY	2022 Jan-Mar	2023 Jan-Mar	2024 Jan-Mar
ALAMANCE	3	4	2
ALEXANDER	0	1	1
ALLEGHANY	0	0	0
ANSON	2	0	1
ASHE	0	2	0
AVERY	0	0	1
BEAUFORT	4	0	1
BERTIE	1	0	2
BLADEN	0	0	0
BRUNSWICK	1	1	4
BUNCOMBE	6	1	6
BURKE	1	1	1
CABARRUS	6	8	7
CALDWELL	2	1	1
CAMDEN	0	0	0
CARTERET	0	0	0
CASWELL	1	0	1
CATAWBA	5	4	1
CHATHAM	2	3	0
CHEROKEE	0	1	0
CHOWAN	0	0	1
CLAY	0	0	0
CLEVELAND	3	2	3
COLUMBUS	1	1	3
CRAVEN	4	1	5
CUMBERLAND	14	21	17
CURRITUCK	0	0	1
DARE	2	1	0
DAVIDSON	5	2	2
DAVIE	0	2	0
DUPLIN	1	1	2
DURHAM	18	14	13
EDGECOMBE	2	2	5
FORSYTH	18	15	19
FRANKLIN	2	1	1
GASTON	3	4	11
GATES	0	1	0
GRAHAM	0	0	0
GRANVILLE	1	0	0
GREENE	0	1	0
GUILFORD	37	24	18
HALIFAX	1	3	2
HARNETT	2	4	7
HAYWOOD	1	2	1
HENDERSON	1	1	1
HERTFORD	0	0	0
HOKE	5	1	4
HYDE	0	0	0
IREDELL	3	2	2
JACKSON	0	0	1
JOHNSTON	6	1	4
JONES	0	0	0
LEE	1	4	3
LENOIR	2	2	0
LINCOLN	0	1	2
MACON	0	1	1
MADISON	0	0	0
MARTIN	5	0	0
MCDOWELL	0	0	1
MECKLENBURG	64	81	79
MITCHELL	0	0	0
MONTGOMERY	0	0	1
MOORE	1	2	2
NASH	9	2	8
NEW HANOVER	5	3	6
NORTHAMPTON	1	2	0
ONSLOW	5	4	4
ORANGE	1	4	5
PAMLICO	0	1	0
PASQUOTANK	0	1	0
PENDER	0	1	2
PERQUIMANS	0	0	0
PERSON	0	0	1
PITT	12	16	5
POLK	0	0	0
RANDOLPH	4	2	7
RICHMOND	1	0	1
ROBESON	6	8	6
ROCKINGHAM	1	3	5
ROWAN	2	4	4
RUTHERFORD	0	0	1
SAMPSON	3	2	2
SCOTLAND	2	4	1
STANLY	1	1	2
STOKES	0	1	1
SURRY	0	1	0
SWAIN	0	0	0
TRANSYLVANIA	0	1	0
TYRRELL	0	0	0
UNION	5	3	3
VANCE	4	5	2
WAKE	43	36	37
WARREN	0	0	1
WASHINGTON	1	0	0
WATAUGA	0	0	1
WAYNE	3	5	4
WILKES	0	1	1
WILSON	2	4	8
YADKIN	0	1	0
YANCEY	0	0	0
UNASSIGNED*	10	6	11
TOTAL	358	347	370

* 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 6, 2024).

Table 9. North Carolina Newly Diagnosed AIDS (HIV Infection Stage 3) Cases by County of Residence at Time of Diagnosis, 2022-2024

COUNTY	2022 Jan-Mar	2023 Jan-Mar	2024 Jan-Mar
ALAMANCE	2	1	4
ALEXANDER	0	0	0
ALLEGHANY	0	0	0
ANSON	0	3	0
ASHE	0	1	0
AVERY	0	0	0
BEAUFORT	3	1	0
BERTIE	0	0	0
BLADEN	0	1	0
BRUNSWICK	0	2	0
BUNCOMBE	4	1	2
BURKE	0	0	1
CABARRUS	3	2	4
CALDWELL	0	0	0
CAMDEN	0	0	1
CARTERET	1	0	1
CASWELL	1	0	1
CATAWBA	1	1	0
CHATHAM	0	0	0
CHEROKEE	1	0	0
CHOWAN	0	0	0
CLAY	0	0	0
CLEVELAND	1	3	1
COLUMBUS	2	1	3
CRAVEN	2	0	3
CUMBERLAND	6	11	8
CURRITUCK	0	0	0
DARE	1	1	1
DAVIDSON	2	1	2
DAVIE	0	2	0
DUPLIN	1	0	1
DURHAM	5	6	7
EDGECOMBE	5	2	1
FORSYTH	8	9	6
FRANKLIN	2	1	1
GASTON	1	4	4
GATES	0	0	0
GRAHAM	0	0	0
GRANVILLE	0	0	0
GREENE	0	0	1
GUILFORD	8	10	5
HALIFAX	0	1	0
HARNETT	0	1	3
HAYWOOD	0	0	3
HENDERSON	0	1	1
HERTFORD	1	1	1
HOKE	3	0	0
HYDE	0	0	0
IREDELL	0	0	0
JACKSON	0	0	1
JOHNSTON	1	1	4
JONES	0	0	0
LEE	0	3	1
LENOIR	0	2	0
LINCOLN	0	0	0
MACON	0	0	0
MADISON	0	0	0
MARTIN	3	0	0
MCDOWELL	1	0	0
MECKLENBURG	22	46	40
MITCHELL	0	0	0
MONTGOMERY	0	0	0
MOORE	0	0	1
NASH	3	2	1
NEW HANOVER	1	1	3
NORTHAMPTON	0	2	0
ONSLOW	1	3	0
ORANGE	0	2	1
PAMLICO	1	0	0
PASQUOTANK	1	1	0
PENDER	1	0	1
PERQUIMANS	0	0	0
PERSON	1	1	1
PITT	2	5	1
POLK	0	0	0
RANDOLPH	1	2	3
RICHMOND	1	0	0
ROBESON	1	4	4
ROCKINGHAM	0	1	1
ROWAN	1	0	2
RUTHERFORD	0	0	0
SAMPSON	1	1	2
SCOTLAND	1	0	1
STANLY	0	1	1
STOKES	0	0	0
SURRY	0	2	1
SWAIN	0	0	0
TRANSYLVANIA	0	0	0
TYRRELL	0	0	0
UNION	3	3	1
VANCE	2	0	0
WAKE	12	21	24
WARREN	3	1	0
WASHINGTON	1	0	0
WATAUGA	0	0	1
WAYNE	2	2	3
WILKES	0	0	0
WILSON	0	2	1
YADKIN	0	0	0
YANCEY	0	0	0
UNASSIGNED*	0	1	1
TOTAL	131	178	167

* 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 6, 2024).