North Carolina HIV/STD Quarterly Surveillance Report: Vol. 2024, No. 2

HIV/STD Surveillance Unit

Communicable Disease Branch
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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. 2* presents statistics and trends of sexually transmitted diseases (including HIV and AIDS) in North Carolina from January 1 through June 30, 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					2	0.0
	0-9	4	0.0	2	0.0					6	0.0
	10-14	15	0.1	15	0.1					30	0.1
	15-19	1,127	7.0	924	6.9					2,051	6.9
	20-24	1,912	11.8	1,591	11.9					3,503	11.8
	25-29	1,035	6.4	879	6.6					1,914	6.5
	30-34	624	3.9	514	3.8					1,138	3.8
	35-39	387	2.4	323	2.4					710	2.4
	40-44	169	1.0	134	1.0					303	1.0
	45-54	191	1.2	149	1.1					340	1.1
	55-64	77	0.5	69	0.5					146	0.5
	65+	19	0.1	17	0.1					36	0.1
	Total	5,561	34.4	4,618	34.5					10,179	34.4
Female	Unknown	0	0.0	2	0.0					2	0.0
	0-9	3	0.0	2	0.0					5	0.0
	10-14	68	0.4	72	0.5					140	0.5
	15-19	3,199	19.8	2,459	18.4					5,658	19.1
	20-24	3,812	23.6	3,196	23.9					7,008	23.7
	25-29	1,745	10.8	1,506	11.2					3,251	11.0
	30-34	949	5.9	805	6.0					1,754	5.9
	35-39	428	2.6	359	2.7					787	2.7
	40-44	201	1.2	199	1.5					400	1.4
	45-54	149	0.9	132	1.0					281	1.0
	55-64	49	0.3	33	0.2					82	0.3
	65+	10	0.1	11	0.1					21	0.1
	Total	10,613	65.6	8,776	65.5					19,389	65.6
Total	Unknown	1	0.0	3	0.0					4	0.0
	0-9	7	0.0	4	0.0					11	0.0
	10-14	83	0.5	87	0.6					170	0.6
	15-19	4,326	26.7	3,383	25.3					7,709	26.1
	20-24	5,724	35.4	4,787	35.7					10,511	35.5
	25-29	2,780	17.2	2,385	17.8					5,165	17.5
	30-34	1,573	9.7	1,319	9.8					2,892	9.8
	35-39	815	5.0	682	5.1					1,497	5.1
	40-44	370	2.3	333	2.5					703	2.4
	45-54	340	2.1	281	2.1					621	2.1
	55-64	126	0.8	102	0.8					228	0.8
	65+	29	0.2	28	0.2					57	0.2
	Total	16,174	100.0	13,394	100.0					29,568	100.0

Data Source: North Carolina Electronic Disease Surveillance System (data as of August 5, 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]	82	0.5	81	0.6					163	0.6
	Asian/Pacific Islander[a]	35	0.2	43	0.3					78	0.3
	Black/African American[a]	2,363	14.6	2,075	15.5					4,438	15.0
	Hispanic/Latino	616	3.8	533	4.0					1,149	3.9
	White/Caucasian[a]	826	5.1	612	4.6					1,438	4.9
	Multiple Race	36	0.2	30	0.2					66	0.2
	Unknown	1,603	9.9	1,244	9.3					2,847	9.6
	Total	5,561	34.4	4,618	34.5					10,179	34.4
Female	American Indian/Alaska Native[a]	233	1.4	193	1.4					426	1.4
	Asian/Pacific Islander[a]	71	0.4	77	0.6					148	0.5
	Black/African American[a]	4,024	24.9	3,396	25.4					7,420	25.1
	Hispanic/Latino	1,462	9.0	1,377	10.3					2,839	9.6
	White/Caucasian[a]	1,804	11.2	1,459	10.9					3,263	11.0
	Multiple Race	74	0.5	73	0.5					147	0.5
	Unknown	2,945	18.2	2,201	16.4					5,146	17.4
	Total	10,613	65.6	8,776	65.5					19,389	65.6
Total	American Indian/Alaska Native[a]	315	1.9	274	2.0					589	2.0
	Asian/Pacific Islander[a]	106	0.7	120	0.9					226	0.8
	Black/African American[a]	6,387	39.5	5,471	40.8					11,858	40.1
	Hispanic/Latino	2,078	12.8	1,910	14.3					3,988	13.5
	White/Caucasian[a]	2,630	16.3	2,071	15.5					4,701	15.9
	Multiple Race	110	0.7	103	0.8					213	0.7
	Unknown	4,548	28.1	3,445	25.7					7,993	27.0
	Total	16,174	100.0	13,394	100.0					29,568	100.0

[a]Non-Hispanic/Latino.

Data Source: North Carolina Electronic Disease Surveillance System (data as of August 5, 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	0.0
	0-9	1	0.0	1	0.0					2	0.0
	10-14	3	0.0	8	0.2					11	0.1
	15-19	460	7.7	328	6.6					788	7.2
	20-24	859	14.3	726	14.7					1,585	14.5
	25-29	682	11.3	574	11.6					1,256	11.5
	30-34	591	9.8	503	10.2					1,094	10.0
	35-39	314	5.2	294	5.9					608	5.5
	40-44	194	3.2	172	3.5					366	3.3
	45-54	203	3.4	163	3.3					366	3.3
	55-64	104	1.7	83	1.7					187	1.7
	65+	23	0.4	23	0.5					46	0.4
	Total	3,434	57.1	2,875	58.0					6,309	57.5
Female	Unknown	0	0.0	0	0.0					0	0.0
	0-9	2	0.0	1	0.0					3	0.0
	10-14	19	0.3	18	0.4					37	0.3
	15-19	630	10.5	462	9.3					1,092	10.0
	20-24	873	14.5	632	12.8					1,505	13.7
	25-29	424	7.1	390	7.9					814	7.4
	30-34	280	4.7	270	5.4					550	5.0
	35-39	151	2.5	133	2.7					284	2.6
	40-44	94	1.6	93	1.9					187	1.7
	45-54	81	1.3	69	1.4					150	1.4
	55-64	20	0.3	10	0.2					30	0.3
	65+	2	0.0	2	0.0					4	0.0
	Total	2,576	42.9	2,080	42.0					4,656	42.5
Total	Unknown	0	0.0	0	0.0					0	0.0
	0-9	3	0.0	2	0.0					5	0.0
	10-14	22	0.4	26	0.5					48	0.4
	15-19	1,090	18.1	790	15.9					1,880	17.1
	20-24	1,732	28.8	1,358	27.4					3,090	28.2
	25-29	1,106	18.4	964	19.5					2,070	18.9
	30-34	871	14.5	773	15.6					1,644	15.0
	35-39	465	7.7	427	8.6					892	8.1
	40-44	288	4.8	265	5.3					553	5.0
	45-54	284	4.7	232	4.7					516	4.7
	55-64	124	2.1	93	1.9					217	2.0
	65+	25	0.4	25	0.5					50	0.5
	Total	6,010	100.0	4,955	100.0					10,965	100.0

Data Source: North Carolina Electronic Disease Surveillance System (data as of August 5, 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	0.8	48	1.0					99	0.9
	Asian/Pacific Islander[a]	21	0.3	22	0.4					43	0.4
	Black/African American[a]	1,852	30.8	1,664	33.6					3,516	32.1
	Hispanic/Latino	240	4.0	218	4.4					458	4.2
	White/Caucasian[a]	437	7.3	351	7.1					788	7.2
	Multiple Race	39	0.6	30	0.6					69	0.6
	Unknown	794	13.2	542	10.9					1,336	12.2
	Total	3,434	57.1	2,875	58.0					6,309	57.5
Female	American Indian/Alaska Native[a]	45	0.7	46	0.9					91	0.8
	Asian/Pacific Islander[a]	7	0.1	9	0.2					16	0.1
	Black/African American[a]	1,296	21.6	1,120	22.6					2,416	22.0
	Hispanic/Latino	127	2.1	111	2.2					238	2.2
	White/Caucasian[a]	449	7.5	311	6.3					760	6.9
	Multiple Race	25	0.4	18	0.4					43	0.4
	Unknown	627	10.4	465	9.4					1,092	10.0
	Total	2,576	42.9	2,080	42.0					4,656	42.5
Total	American Indian/Alaska Native[a]	96	1.6	94	1.9					190	1.7
	Asian/Pacific Islander[a]	28	0.5	31	0.6					59	0.5
	Black/African American[a]	3,148	52.4	2,784	56.2					5,932	54.1
	Hispanic/Latino	367	6.1	329	6.6					696	6.3
	White/Caucasian[a]	886	14.7	662	13.4					1,548	14.1
	Multiple Race	64	1.1	48	1.0					112	1.0
	Unknown	1,421	23.6	1,007	20.3					2,428	22.1
	Total	6,010	100.0	4,955	100.0					10,965	100.0

[a]Non-Hispanic/Latino.

Data Source: North Carolina Electronic Disease Surveillance System (data as of August 5, 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	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	26	2.6	11	1.4					37	2.1
	20-24	84	8.5	69	8.5					153	8.5
	25-29	131	13.3	77	9.5					208	11.6
	30-34	138	14.0	137	16.9					275	15.3
	35-39	109	11.1	77	9.5					186	10.4
	40-44	66	6.7	64	7.9					130	7.2
	45-54	91	9.2	75	9.2					166	9.2
	55-64	88	8.9	70	8.6					158	8.8
	65+	18	1.8	14	1.7					32	1.8
	Total	751	76.3	594	73.2					1,345	74.9
Female	Unknown	0	0.0	1	0.1					1	0.1
	0-9	0	0.0	0	0.0					0	0.0
	10-14	1	0.1	0	0.0					1	0.1
	15-19	12	1.2	9	1.1					21	1.2
	20-24	44	4.5	34	4.2					78	4.3
	25-29	52	5.3	41	5.1					93	5.2
	30-34	45	4.6	36	4.4					81	4.5
	35-39	26	2.6	40	4.9					66	3.7
	40-44	13	1.3	21	2.6					34	1.9
	45-54	27	2.7	24	3.0					51	2.8
	55-64	12	1.2	10	1.2					22	1.2
	65+	1	0.1	1	0.1					2	0.1
	Total	233	23.7	217	26.8					450	25.1
Total	Unknown	0	0.0	1	0.1					1	0.1
	0-9	0	0.0	0	0.0					0	0.0
	10-14	1	0.1	0	0.0					1	0.1
	15-19	38	3.9	20	2.5					58	3.2
	20-24	128	13.0	103	12.7					231	12.9
	25-29	183	18.6	118	14.5					301	16.8
	30-34	183	18.6	173	21.3					356	19.8
	35-39	135	13.7	117	14.4					252	14.0
	40-44	79	8.0	85	10.5					164	9.1
	45-54	118	12.0	99	12.2					217	12.1
	55-64	100	10.2	80	9.9					180	10.0
	65+	19	1.9	15	1.8					34	1.9
	Total	984	100.0	811	100.0					1,795	100.0

Data Source: North Carolina Electronic Disease Surveillance System (data as of August 5, 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	0.8	3	0.4					11	0.6
	Asian/Pacific Islander[a]	6	0.6	3	0.4					9	0.5
	Black/African American[a]	391	39.7	313	38.6					704	39.2
	Hispanic/Latino	110	11.2	99	12.2					209	11.6
	White/Caucasian[a]	187	19.0	142	17.5					329	18.3
	Multiple Race	38	3.9	19	2.3					57	3.2
	Unknown	11	1.1	15	1.8					26	1.4
	Total	751	76.3	594	73.2					1,345	74.9
Female	American Indian/Alaska Native[a]	6	0.6	4	0.5					10	0.6
	Asian/Pacific Islander[a]	0	0.0	1	0.1					1	0.1
	Black/African American[a]	120	12.2	108	13.3					228	12.7
	Hispanic/Latino	18	1.8	19	2.3					37	2.1
	White/Caucasian[a]	79	8.0	69	8.5					148	8.2
	Multiple Race	8	0.8	12	1.5					20	1.1
	Unknown	2	0.2	4	0.5					6	0.3
	Total	233	23.7	217	26.8					450	25.1
Total[c]	American Indian/Alaska Native[a]	14	1.4	7	0.9					21	1.2
	Asian/Pacific Islander[a]	6	0.6	4	0.5					10	0.6
	Black/African American[a]	511	51.9	421	51.9					932	51.9
	Hispanic/Latino	128	13.0	118	14.5					246	13.7
	White/Caucasian[a]	266	27.0	211	26.0					477	26.6
	Multiple Race	46	4.7	31	3.8					77	4.3
	Unknown	13	1.3	19	2.3					32	1.8
	Total	984	100.0	811	100.0					1,795	100.0

[a]Non-Hispanic/Latino.

Data Source: North Carolina Electronic Disease Surveillance System (data as of August 5, 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-Jun	2023 Jan-Jun	2024 Jan-Jun	2022 Jan-Jun	2023 Jan-Jun	2024 Jan-Jun	2022 Jan-Jun	2023 Jan-Jun	2024 Jan-Jun	2022 Jan-Jun	2023 Jan-Jun	2024 Jan-Jun
ALAMANCE	422	534	445	178	177	168	31	27	15	22	15	11
ALEXANDER	37	34	22	3	10	3	1	2	0	0	0	0
ALLEGHANY	7	8	5	2	7	1	0	0	2	0	0	1
ANSON	105	132	78	53	31	30	2	1	1	3	2	0
ASHE	16	21	9	6	4	2	2	1	1	0	0	1
AVERY	8	14	8	4	1	1	1	0	0	1	0	0
BEAUFORT	121	113	114	65	52	36	3	10	4	2	2	2
BERTIE	86	73	45	30	32	17	5	2	3	2	3	1
BLADEN	78	116	97	35	40	32	3	2	1	3	4	1
BRUNSWICK	184	190	204	53	63	55	5	2	2	7	5	2
BUNCOMBE	510	443	388	191	145	134	18	21	21	12	17	12
BURKE	112	132	87	36	41	28	9	6	8	7	4	4
CABARRUS	652	670	566	233	231	188	11	16	25	13	12	19
CALDWELL	148	144	104	41	44	46	6	5	13	4	3	7
CAMDEN	6	16	12	5	2	0	0	1	0	0	1	0
CARTERET	88	94	94	21	22	16	2	3	1	2	1	1
CASWELL	54	59	44	20	18	20	2	3	0	0	0	0
CATAWBA	309	279	253	115	125	91	18	8	10	11	10	12
CHATHAM	111	87	73	18	34	19	1	3	1	0	1	2
CHEROKEE	24	18	23	1	2	5	2	2	1	0	0	1
CHOWAN	32	52	33	19	11	10	1	1	1	0	0	1
CLAY	13	6	9	0	0	2	0	1	0	0	0	0
CLEVELAND	303	272	284	153	108	103	12	16	10	10	11	11
COLUMBUS	153	152	133	75	50	37	3	3	1	4	2	8
CRAVEN	207	295	229	72	115	74	6	5	8	5	17	10
CUMBERLAND	2,026	1,869	1,571	860	732	615	57	66	46	54	49	58
CURRITUCK	28	33	14	3	6	3	0	1	1	0	2	0
DARE	44	53	34	6	3	5	1	0	2	1	1	0
DAVIDSON	380	371	344	166	153	116	9	16	11	14	7	5
DAVIE	58	65	51	24	25	16	4	3	2	1	4	0
DUPLIN	195	182	127	58	45	37	7	3	3	5	4	4
DURHAM	1,255	1,515	1,302	517	689	605	82	49	35	40	25	22
EDGECOMBE	353	362	281	202	184	140	13	33	9	7	12	8
FORSYTH	1,445	1,452	1,410	586	617	546	51	49	39	30	33	29
FRANKLIN	145	168	147	73	58	44	4	3	4	4	2	1
GASTON	723	678	647	334	301	248	22	33	34	19	21	18
GATES	12	16	13	6	2	10	0	0	0	1	1	0
GRAHAM	9	4	2	1	1	0	0	0	0	0	0	0
GRANVILLE	166	188	158	100	72	51	3	3	2	2	3	1
GREENE	61	87	56	38	32	33	3	3	2	4	2	2
GUILFORD	2,197	2,394	2,048	934	1,078	940	96	72	75	69	74	41
HALIFAX	260	256	237	68	88	70	3	8	0	2	0	2
HARNETT	376	359	318	116	135	111	8	5	7	13	14	13
HAYWOOD	68	67	43	12	4	7	3	0	1	3	2	1
HENDERSON	136	165	131	37	31	33	4	5	7	2	2	2
HERTFORD	98	116	85	38	46	28	1	2	3	3	3	1
HOKE	231	190	174	102	77	71	12	8	12	9	7	6
HYDE	9	3	2	3	1	2	0	0	0	0	0	1
IREDELL	341	395	343	160	138	126	13	5	4	8	3	5
JACKSON	124	125	96	14	28	5	1	0	0	0	2	4
JOHNSTON	455	556	528	187	215	178	21	11	10	11	6	5
JONES	23	25	9	11	6	6	0	1	0	0	0	0

Continued

Data Source: North Carolina Electronic Disease Surveillance System (data as of August 5, 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-Jun	2023 Jan-Jun	2024 Jan-Jun	2022 Jan-Jun	2023 Jan-Jun	2024 Jan-Jun	2022 Jan-Jun	2023 Jan-Jun	2024 Jan-Jun	2022 Jan-Jun	2023 Jan-Jun	2024 Jan-Jun
LEE	189	127	161	59	52	44	1	6	1	4	2	2
LENOIR	319	248	315	145	143	139	8	8	6	9	7	4
LINCOLN	146	115	119	49	44	40	3	8	2	1	2	7
MACON	43	46	47	7	9	5	2	2	1	0	0	2
MADISON	34	21	17	8	0	4	3	0	0	0	0	0
MARTIN	100	68	91	38	31	27	0	2	4	1	2	0
MCDOWELL	61	81	49	35	29	18	12	7	0	6	5	1
MECKLENBURG	4,992	5,176	4,594	2,248	2,282	1,836	228	225	232	180	195	175
MITCHELL	14	12	6	7	0	1	0	0	0	0	0	0
MONTGOMERY	62	70	52	34	19	10	1	0	0	0	2	0
MOORE	179	185	123	73	54	45	4	1	5	5	3	4
NASH	371	419	360	211	204	167	20	20	27	12	16	26
NEW HANOVER	554	573	513	148	151	158	21	20	17	11	11	11
NORTHAMPTON	86	80	62	28	36	15	4	2	1	2	2	6
ONSLOW	928	940	777	267	183	158	4	9	6	9	6	9
ORANGE	339	383	293	95	132	128	11	10	5	10	5	6
PAMLICO	15	23	16	8	12	3	0	1	0	0	0	0
PASQUOTANK	123	126	140	54	55	46	0	2	4	0	2	1
PENDER	78	89	101	32	30	28	0	2	2	1	3	1
PERQUIMANS	27	24	23	24	5	5	0	1	0	1	0	1
PERSON	108	112	92	62	49	49	2	3	3	0	2	2
PITT	1,134	1,015	977	498	453	380	27	28	33	22	19	17
POLK	19	22	8	5	6	4	0	0	0	0	0	0
RANDOLPH	264	262	216	63	88	70	5	6	11	11	9	7
RICHMOND	210	185	153	128	77	67	10	10	7	6	4	5
ROBESON	653	697	643	344	293	236	29	17	17	13	17	25
ROCKINGHAM	194	185	137	66	85	58	2	5	4	2	1	4
ROWAN	408	432	403	153	189	135	12	23	13	16	14	11
RUTHERFORD	106	99	106	80	54	37	9	24	10	4	16	14
SAMPSON	188	200	168	67	53	51	7	6	3	6	8	2
SCOTLAND	162	199	187	79	89	74	0	2	4	3	0	1
STANLY	125	133	94	56	39	26	3	2	0	2	2	1
STOKES	38	54	38	24	10	12	1	0	2	0	0	1
SURRY	116	67	83	42	23	14	4	1	7	1	1	1
SWAIN	32	26	23	15	3	3	0	0	0	0	1	2
TRANSYLVANIA	30	40	28	7	8	3	0	0	0	1	1	0
TYRRELL	3	3	12	5	0	2	0	0	1	0	0	0
UNION	490	565	441	153	153	116	16	16	6	9	13	9
VANCE	273	275	280	183	177	110	10	5	6	3	5	3
WAKE	3,119	3,123	2,966	1,134	1,198	1,071	105	102	94	89	78	64
WARREN	62	66	71	27	28	19	3	0	1	1	1	1
WASHINGTON	53	51	55	29	15	15	0	0	1	0	0	0
WATAUGA	163	160	82	20	12	17	1	2	2	2	3	0
WAYNE	472	482	434	169	169	182	17	12	11	6	10	6
WILKES	80	85	78	34	18	23	2	2	0	2	1	1
WILSON	434	418	361	229	215	138	11	12	17	18	15	15
YADKIN	46	49	35	21	15	9	2	0	6	1	0	0
YANCEY	13	15	8	6	2	3	0	1	1	0	0	0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	32,659	33,474	29,568	13,354	13,124	10,965	1,162	1,125	1,011	880	873	784

Data Source: North Carolina Electronic Disease Surveillance System (data as of August 5, 2024).

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

COUNTY	2022 Jan-Jun	2023 Jan-Jun	2024 Jan-Jun
ALAMANCE	10	10	9
ALEXANDER	1	1	1
ALLEGHANY	0	0	0
ANSON	2	2	1
ASHE	0	2	0
AVERY	0	0	1
BEAUFORT	5	3	1
BERTIE	1	0	4
BLADEN	0	1	2
BRUNSWICK	3	1	5
BUNCOMBE	13	8	11
BURKE	1	3	3
CABARRUS	9	13	14
CALDWELL	2	1	1
CAMDEN	0	0	1
CARTERET	2	2	1
CASWELL	2	1	1
CATAWBA	6	6	4
CHATHAM	2	4	2
CHEROKEE	1	1	0
CHOWAN	0	1	1
CLAY	0	0	0
CLEVELAND	4	8	5
COLUMBUS	2	3	4
CRAVEN	6	2	5
CUMBERLAND	38	44	34
CURRITUCK	0	0	1
DARE	2	2	0
DAVIDSON	10	8	5
DAVIE	0	2	0
DUPLIN	1	4	3
DURHAM	36	28	34
EDGECOMBE	5	10	10
FORSYTH	35	38	35
FRANKLIN	5	1	2
GASTON	16	14	21
GATES	0	1	1
GRAHAM	0	0	0
GRANVILLE	2	2	1
GREENE	0	2	0
GUILFORD	58	49	42
HALIFAX	2	3	4
HARNETT	2	7	13
HAYWOOD	1	3	1
HENDERSON	1	3	1
HERTFORD	1	0	2
HOKE	7	4	7
HYDE	0	0	0
IREDELL	6	5	3
JACKSON	0	0	3
JOHNSTON	14	3	9
JONES	0	0	0
LEE	2	5	4
LENOIR	3	5	2
LINCOLN	1	4	2
MACON	0	1	3
MADISON	0	0	0
MARTIN	5	1	0
MCDOWELL	0	0	1
MECKLENBURG	132	147	156
MITCHELL	0	0	0
MONTGOMERY	0	0	1
MOORE	1	4	2
NASH	14	7	15
NEW HANOVER	10	14	13
NORTHAMPTON	1	2	1
ONSLOW	9	4	7
ORANGE	2	5	9
PAMLICO	0	1	0
PASQUOTANK	1	1	2
PENDER	1	1	2
PERQUIMANS	0	0	0
PERSON	3	0	1
PITT	18	23	15
POLK	0	0	1
RANDOLPH	5	3	11
RICHMOND	3	1	2
ROBESON	12	12	13
ROCKINGHAM	2	6	5
ROWAN	6	5	6
RUTHERFORD	0	0	3
SAMPSON	3	4	3
SCOTLAND	4	6	4
STANLY	1	2	2
STOKES	0	2	2
SURRY	1	2	0
SWAIN	0	0	0
TRANSYLVANIA	0	1	2
TYRRELL	0	0	0
UNION	8	6	8
VANCE	6	7	2
WAKE	83	74	75
WARREN	0	1	2
WASHINGTON	1	0	1
WATAUGA	1	3	1
WAYNE	6	10	12
WILKES	0	1	2
WILSON	4	9	13
YADKIN	2	1	1
YANCEY	0	0	0
UNASSIGNED*	15	13	20
TOTAL	680	700	736

* 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 August 5, 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-Jun	2023 Jan-Jun	2024 Jan-Jun
ALAMANCE	5	2	9
ALEXANDER	0	0	0
ALLEGHANY	0	0	0
ANSON	0	5	0
ASHE	0	1	0
AVERY	0	1	0
BEAUFORT	5	4	0
BERTIE	1	0	1
BLADEN	0	2	0
BRUNSWICK	0	2	1
BUNCOMBE	6	3	3
BURKE	0	0	1
CABARRUS	7	4	7
CALDWELL	1	0	0
CAMDEN	0	0	1
CARTERET	2	0	2
CASWELL	2	1	1
CATAWBA	3	3	1
CHATHAM	0	0	0
CHEROKEE	1	0	0
CHOWAN	0	1	1
CLAY	0	0	0
CLEVELAND	3	6	3
COLUMBUS	4	1	4
CRAVEN	4	2	5
CUMBERLAND	14	23	16
CURRITUCK	0	0	0
DARE	1	1	1
DAVIDSON	3	4	7
DAVIE	0	2	0
DUPLIN	2	1	1
DURHAM	11	12	19
EDGECOMBE	6	3	1
FORSYTH	20	19	21
FRANKLIN	3	1	2
GASTON	4	8	13
GATES	0	0	0
GRAHAM	0	0	0
GRANVILLE	1	0	0
GREENE	0	0	1
GUILFORD	15	19	17
HALIFAX	1	1	0
HARNETT	0	2	6
HAYWOOD	0	1	4
HENDERSON	1	1	2
HERTFORD	1	2	2
HOKE	6	1	2
HYDE	0	0	0
IREDELL	0	2	0
JACKSON	0	0	2
JOHNSTON	3	1	8
JONES	0	0	1
LEE	1	3	2
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	73	90	79
MITCHELL	0	0	0
MONTGOMERY	0	0	0
MOORE	0	1	2
NASH	4	5	5
NEW HANOVER	1	1	8
NORTHAMPTON	0	2	0
ONSLOW	1	4	1
ORANGE	1	2	4
PAMLICO	1	1	0
PASQUOTANK	1	1	1
PENDER	1	0	1
PERQUIMANS	0	0	0
PERSON	1	1	1
PITT	4	8	2
POLK	0	0	1
RANDOLPH	2	3	5
RICHMOND	2	1	0
ROBESON	6	7	7
ROCKINGHAM	0	1	2
ROWAN	6	0	2
RUTHERFORD	0	0	0
SAMPSON	1	2	3
SCOTLAND	4	0	2
STANLY	0	1	1
STOKES	0	1	0
SURRY	1	2	1
SWAIN	0	0	0
TRANSYLVANIA	1	0	0
TYRRELL	0	0	0
UNION	4	5	4
VANCE	2	1	0
WAKE	34	36	40
WARREN	3	1	0
WASHINGTON	1	0	0
WATAUGA	0	1	1
WAYNE	2	8	8
WILKES	0	0	1
WILSON	2	3	1
YADKIN	0	0	0
YANCEY	0	0	0
UNASSIGNED*	3	2	3
TOTAL	303	338	354

* 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 August 5, 2024).