

North Carolina HIV/STD Quarterly Surveillance Report: Vol. 2024, No. 3

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.

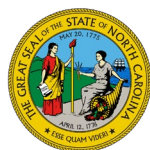
If you have questions or comments, please contact us at the address or phone number above.

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



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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 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>.

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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	0	0.0	0	0.0			1	0.0
	0-9	4	0.0	2	0.0	2	0.0			8	0.0
	10-14	15	0.1	18	0.1	17	0.1			50	0.1
	15-19	1,129	7.0	1,057	6.8	993	7.3			3,179	7.0
	20-24	1,916	11.8	1,823	11.7	1,572	11.6			5,311	11.7
	25-29	1,037	6.4	991	6.4	842	6.2			2,870	6.3
	30-34	625	3.9	582	3.7	552	4.1			1,759	3.9
	35-39	387	2.4	372	2.4	306	2.3			1,065	2.4
	40-44	171	1.1	151	1.0	136	1.0			458	1.0
	45-54	191	1.2	174	1.1	142	1.0			507	1.1
	55-64	77	0.5	80	0.5	73	0.5			230	0.5
	65+	19	0.1	20	0.1	13	0.1			52	0.1
Total		5,572	34.4	5,270	33.9	4,648	34.3			15,490	34.2
Female	Unknown	0	0.0	1	0.0	1	0.0			2	0.0
	0-9	3	0.0	2	0.0	1	0.0			6	0.0
	10-14	69	0.4	84	0.5	86	0.6			239	0.5
	15-19	3,203	19.8	2,938	18.9	2,596	19.2			8,737	19.3
	20-24	3,821	23.6	3,775	24.3	3,140	23.2			10,736	23.7
	25-29	1,747	10.8	1,718	11.1	1,503	11.1			4,968	11.0
	30-34	952	5.9	913	5.9	796	5.9			2,661	5.9
	35-39	430	2.7	422	2.7	379	2.8			1,231	2.7
	40-44	201	1.2	221	1.4	224	1.7			646	1.4
	45-54	149	0.9	148	1.0	122	0.9			419	0.9
	55-64	49	0.3	38	0.2	44	0.3			131	0.3
	65+	10	0.1	12	0.1	6	0.0			28	0.1
Total		10,634	65.6	10,272	66.1	8,898	65.7			29,804	65.8
Total	Unknown	1	0.0	1	0.0	1	0.0			3	0.0
	0-9	7	0.0	4	0.0	3	0.0			14	0.0
	10-14	84	0.5	102	0.7	103	0.8			289	0.6
	15-19	4,332	26.7	3,995	25.7	3,589	26.5			11,916	26.3
	20-24	5,737	35.4	5,598	36.0	4,712	34.8			16,047	35.4
	25-29	2,784	17.2	2,709	17.4	2,345	17.3			7,838	17.3
	30-34	1,577	9.7	1,495	9.6	1,348	10.0			4,420	9.8
	35-39	817	5.0	794	5.1	685	5.1			2,296	5.1
	40-44	372	2.3	372	2.4	360	2.7			1,104	2.4
	45-54	340	2.1	322	2.1	264	1.9			926	2.0
	55-64	126	0.8	118	0.8	117	0.9			361	0.8
	65+	29	0.2	32	0.2	19	0.1			80	0.2
Total		16,206	100.0	15,542	100.0	13,546	100.0			45,294	100.0

Data Source: North Carolina Electronic Disease Surveillance System (data as of November 4, 2024).

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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	83	0.5	95	0.6	75	0.6			253	0.6
	Asian/Pacific Islander ^a	35	0.2	46	0.3	37	0.3			118	0.3
	Black/African American ^a	2,365	14.6	2,337	15.0	2,123	15.7			6,825	15.1
	Hispanic/Latino	618	3.8	606	3.9	575	4.2			1,799	4.0
	White/Caucasian ^a	826	5.1	684	4.4	629	4.6			2,139	4.7
	Multiple Race	36	0.2	33	0.2	26	0.2			95	0.2
	Unknown	1,609	9.9	1,469	9.5	1,183	8.7			4,261	9.4
	Total	5,572	34.4	5,270	33.9	4,648	34.3			15,490	34.2
Female	American Indian/Alaska Native ^a	234	1.4	221	1.4	204	1.5			659	1.5
	Asian/Pacific Islander ^a	72	0.4	82	0.5	70	0.5			224	0.5
	Black/African American ^a	4,032	24.9	3,983	25.6	3,363	24.8			11,378	25.1
	Hispanic/Latino	1,465	9.0	1,604	10.3	1,431	10.6			4,500	9.9
	White/Caucasian ^a	1,806	11.1	1,665	10.7	1,499	11.1			4,970	11.0
	Multiple Race	74	0.5	83	0.5	71	0.5			228	0.5
	Unknown	2,951	18.2	2,634	16.9	2,260	16.7			7,845	17.3
	Total	10,634	65.6	10,272	66.1	8,898	65.7			29,804	65.8
Total	American Indian/Alaska Native ^a	317	2.0	316	2.0	279	2.1			912	2.0
	Asian/Pacific Islander ^a	107	0.7	128	0.8	107	0.8			342	0.8
	Black/African American ^a	6,397	39.5	6,320	40.7	5,486	40.5			18,203	40.2
	Hispanic/Latino	2,083	12.9	2,210	14.2	2,006	14.8			6,299	13.9
	White/Caucasian ^a	2,632	16.2	2,349	15.1	2,128	15.7			7,109	15.7
	Multiple Race	110	0.7	116	0.7	97	0.7			323	0.7
	Unknown	4,560	28.1	4,103	26.4	3,443	25.4			12,106	26.7
	Total	16,206	100.0	15,542	100.0	13,546	100.0			45,294	100.0

^aNon-Hispanic/Latino.

Data Source: North Carolina Electronic Disease Surveillance System (data as of November 4, 2024).

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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	0.0
	0-9	1	0.0	1	0.0	2	0.0			4	0.0
	10-14	3	0.0	8	0.1	3	0.1			14	0.1
	15-19	460	7.6	380	6.7	361	7.1			1,201	7.2
	20-24	860	14.3	819	14.5	695	13.7			2,374	14.2
	25-29	684	11.4	655	11.6	610	12.0			1,949	11.6
	30-34	592	9.8	562	9.9	497	9.8			1,651	9.9
	35-39	314	5.2	337	5.9	320	6.3			971	5.8
	40-44	194	3.2	191	3.4	180	3.5			565	3.4
	45-54	203	3.4	177	3.1	183	3.6			563	3.4
	55-64	104	1.7	95	1.7	93	1.8			292	1.7
	65+	23	0.4	29	0.5	34	0.7			86	0.5
Total		3,438	57.1	3,254	57.5	2,978	58.7			9,670	57.7
Female	Unknown	0	0.0	0	0.0	0	0.0			0	0.0
	0-9	2	0.0	1	0.0	0	0.0			3	0.0
	10-14	19	0.3	21	0.4	17	0.3			57	0.3
	15-19	631	10.5	543	9.6	528	10.4			1,702	10.2
	20-24	874	14.5	730	12.9	611	12.0			2,215	13.2
	25-29	424	7.0	442	7.8	357	7.0			1,223	7.3
	30-34	281	4.7	311	5.5	246	4.8			838	5.0
	35-39	151	2.5	163	2.9	161	3.2			475	2.8
	40-44	94	1.6	106	1.9	88	1.7			288	1.7
	45-54	81	1.3	77	1.4	65	1.3			223	1.3
	55-64	20	0.3	13	0.2	19	0.4			52	0.3
	65+	2	0.0	2	0.0	3	0.1			7	0.0
Total		2,579	42.9	2,409	42.5	2,095	41.3			7,083	42.3
Total ^a	Unknown	0	0.0	0	0.0	0	0.0			0	0.0
	0-9	3	0.0	2	0.0	2	0.0			7	0.0
	10-14	22	0.4	29	0.5	20	0.4			71	0.4
	15-19	1,091	18.1	923	16.3	889	17.5			2,903	17.3
	20-24	1,734	28.8	1,550	27.4	1,307	25.8			4,591	27.4
	25-29	1,108	18.4	1,097	19.4	967	19.1			3,172	18.9
	30-34	873	14.5	873	15.4	743	14.6			2,489	14.9
	35-39	465	7.7	500	8.8	481	9.5			1,446	8.6
	40-44	288	4.8	297	5.2	268	5.3			853	5.1
	45-54	284	4.7	254	4.5	248	4.9			786	4.7
	55-64	124	2.1	108	1.9	112	2.2			344	2.1
	65+	25	0.4	31	0.5	37	0.7			93	0.6
Total		6,017	100.0	5,664	100.0	5,074	100.0			16,755	100.0

^aTotal includes 2 cases with unreported gender (1 case in Quarter 2 and 1 case in Quarter 3).

Data Source: North Carolina Electronic Disease Surveillance System (data as of November 4, 2024)

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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	52	0.9	50	0.9	38	0.7			140	0.8
	Asian/Pacific Islander ^a	21	0.3	27	0.5	26	0.5			74	0.4
	Black/African American ^a	1,853	30.8	1,837	32.4	1,655	32.6			5,345	31.9
	Hispanic/Latino	240	4.0	245	4.3	258	5.1			743	4.4
	White/Caucasian ^a	437	7.3	391	6.9	408	8.0			1,236	7.4
	Multiple Race	39	0.6	34	0.6	38	0.7			111	0.7
	Unknown	796	13.2	670	11.8	555	10.9			2,021	12.1
	Total	3,438	57.1	3,254	57.5	2,978	58.7			9,670	57.7
Female	American Indian/Alaska Native ^a	45	0.7	48	0.8	40	0.8			133	0.8
	Asian/Pacific Islander ^a	7	0.1	10	0.2	10	0.2			27	0.2
	Black/African American ^a	1,297	21.6	1,261	22.3	1,086	21.4			3,644	21.7
	Hispanic/Latino	127	2.1	126	2.2	116	2.3			369	2.2
	White/Caucasian ^a	450	7.5	377	6.7	377	7.4			1,204	7.2
	Multiple Race	25	0.4	21	0.4	20	0.4			66	0.4
	Unknown	628	10.4	566	10.0	446	8.8			1,640	9.8
	Total	2,579	42.9	2,409	42.5	2,095	41.3			7,083	42.3
Total ^b	American Indian/Alaska Native ^a	97	1.6	98	1.7	78	1.5			273	1.6
	Asian/Pacific Islander ^a	28	0.5	37	0.7	36	0.7			101	0.6
	Black/African American ^a	3,150	52.4	3,099	54.7	2,741	54.0			8,990	53.7
	Hispanic/Latino	367	6.1	371	6.6	374	7.4			1,112	6.6
	White/Caucasian ^a	887	14.7	768	13.6	785	15.5			2,440	14.6
	Multiple Race	64	1.1	55	1.0	58	1.1			177	1.1
	Unknown	1,424	23.7	1,236	21.8	1,002	19.7			3,662	21.9
	Total	6,017	100.0	5,664	100.0	5,074	100.0			16,755	100.0

^aNon-Hispanic/Latino.

^bTotal includes 2 cases with unreported gender (1 case in Quarter 2 and 1 case in Quarter 3).

Data Source: North Carolina Electronic Disease Surveillance System (data as of November 4, 2024).

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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	0.0
	0-9	0	0.0	0	0.0	0	0.0			0	0.0
	10-14	0	0.0	0	0.0	0	0.0			0	0.0
	15-19	26	2.6	12	1.3	13	1.7			51	1.9
	20-24	83	8.3	76	8.3	60	7.9			219	8.2
	25-29	135	13.5	90	9.9	90	11.8			315	11.8
	30-34	138	13.8	146	16.0	109	14.3			393	14.7
	35-39	111	11.1	98	10.7	77	10.1			286	10.7
	40-44	69	6.9	67	7.3	62	8.2			198	7.4
	45-54	92	9.2	86	9.4	88	11.6			266	10.0
	55-64	88	8.8	80	8.8	54	7.1			222	8.3
	65+	18	1.8	15	1.6	17	2.2			50	1.9
Total		760	76.2	670	73.4	570	75.0			2,000	74.9
Female	Unknown	0	0.0	1	0.1	0	0.0			1	0.0
	0-9	0	0.0	0	0.0	0	0.0			0	0.0
	10-14	1	0.1	0	0.0	0	0.0			1	0.0
	15-19	12	1.2	11	1.2	8	1.1			31	1.2
	20-24	44	4.4	35	3.8	33	4.3			112	4.2
	25-29	54	5.4	44	4.8	44	5.8			142	5.3
	30-34	46	4.6	40	4.4	28	3.7			114	4.3
	35-39	26	2.6	46	5.0	26	3.4			98	3.7
	40-44	13	1.3	26	2.8	21	2.8			60	2.2
	45-54	28	2.8	27	3.0	17	2.2			72	2.7
	55-64	13	1.3	12	1.3	9	1.2			34	1.3
	65+	1	0.1	1	0.1	4	0.5			6	0.2
Total		238	23.8	243	26.6	190	25.0			671	25.1
Total	Unknown	0	0.0	1	0.1	0	0.0			1	0.0
	0-9	0	0.0	0	0.0	0	0.0			0	0.0
	10-14	1	0.1	0	0.0	0	0.0			1	0.0
	15-19	38	3.8	23	2.5	21	2.8			82	3.1
	20-24	127	12.7	111	12.2	93	12.2			331	12.4
	25-29	189	18.9	134	14.7	134	17.6			457	17.1
	30-34	184	18.4	186	20.4	137	18.0			507	19.0
	35-39	137	13.7	144	15.8	103	13.6			384	14.4
	40-44	82	8.2	93	10.2	83	10.9			258	9.7
	45-54	120	12.0	113	12.4	105	13.8			338	12.7
	55-64	101	10.1	92	10.1	63	8.3			256	9.6
	65+	19	1.9	16	1.8	21	2.8			56	2.1
Total		998	100.0	913	100.0	760	100.0			2,671	100.0

Data Source: North Carolina Electronic Disease Surveillance System (data as of November 4, 2024).

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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	4	0.4	20	2.6			32	1.2
	Asian/Pacific Islander ^a	6	0.6	2	0.2	4	0.5			12	0.4
	Black/African American ^a	397	39.8	353	38.7	325	42.8			1,075	40.2
	Hispanic/Latino	110	11.0	111	12.2	74	9.7			295	11.0
	White/Caucasian ^a	189	18.9	158	17.3	117	15.4			464	17.4
	Multiple Race	40	4.0	26	2.8	17	2.2			83	3.1
	Unknown	10	1.0	16	1.8	13	1.7			39	1.5
	Total	760	76.2	670	73.4	570	75.0			2,000	74.9
Female	American Indian/Alaska Native ^a	6	0.6	4	0.4	3	0.4			13	0.5
	Asian/Pacific Islander ^a	0	0.0	1	0.1	2	0.3			3	0.1
	Black/African American ^a	122	12.2	121	13.3	100	13.2			343	12.8
	Hispanic/Latino	19	1.9	21	2.3	20	2.6			60	2.2
	White/Caucasian ^a	79	7.9	79	8.7	53	7.0			211	7.9
	Multiple Race	9	0.9	13	1.4	9	1.2			31	1.2
	Unknown	3	0.3	4	0.4	3	0.4			10	0.4
	Total	238	23.8	243	26.6	190	25.0			671	25.1
Total ^c	American Indian/Alaska Native ^a	14	1.4	8	0.9	23	3.0			45	1.7
	Asian/Pacific Islander ^a	6	0.6	3	0.3	6	0.8			15	0.6
	Black/African American ^a	519	52.0	474	51.9	425	55.9			1,418	53.1
	Hispanic/Latino	129	12.9	132	14.5	94	12.4			355	13.3
	White/Caucasian ^a	268	26.9	237	26.0	170	22.4			675	25.3
	Multiple Race	49	4.9	39	4.3	26	3.4			114	4.3
	Unknown	13	1.3	20	2.2	16	2.1			49	1.8
	Total	998	100.0	913	100.0	760	100.0			2,671	100.0

^aNon-Hispanic/Latino.

Data Source: North Carolina Electronic Disease Surveillance System (data as of November 4, 2024).

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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-Sep	2023 Jan-Sep	2024 Jan-Sep	2022 Jan-Sep	2023 Jan-Sep	2024 Jan-Sep	2022 Jan-Sep	2023 Jan-Sep	2024 Jan-Sep	2022 Jan-Sep	2023 Jan-Sep	2024 Jan-Sep
ALAMANCE	664	794	709	298	288	267	42	40	21	28	21	16
ALEXANDER	50	55	37	10	16	9	2	2	0	0	0	0
ALLEGHANY	13	13	8	3	7	2	0	0	2	0	0	1
ANSON	149	191	131	76	47	50	4	2	1	6	3	0
ASHE	30	31	12	12	8	2	2	1	1	0	0	1
AVERY	11	20	10	5	3	2	1	0	0	1	0	0
BEAUFORT	192	180	169	90	70	53	7	12	4	2	6	4
BERTIE	123	119	81	49	49	28	7	3	3	2	4	1
BLADEN	122	164	135	61	54	47	3	2	4	3	5	2
BRUNSWICK	286	331	323	79	110	100	5	3	3	8	12	4
BUNCOMBE	739	652	579	278	235	199	40	33	35	18	28	19
BURKE	178	194	136	63	65	44	11	10	10	9	6	6
CABARRUS	954	1,000	830	356	348	273	19	35	29	20	22	30
CALDWELL	201	219	172	72	66	77	10	10	16	4	5	12
CAMDEN	15	20	16	7	4	1	0	2	1	0	1	0
CARTERET	145	132	127	36	38	24	4	5	1	4	2	1
CASWELL	86	84	69	35	26	29	2	3	0	1	0	0
CATAWBA	465	415	395	174	188	145	22	11	15	19	11	16
CHATHAM	181	143	116	38	49	35	3	4	2	1	2	2
CHEROKEE	33	29	35	4	2	7	2	5	1	0	0	1
CHOWAN	57	75	62	26	12	15	1	1	1	0	0	1
CLAY	16	12	15	0	0	3	0	1	0	1	0	0
CLEVELAND	466	435	441	230	171	166	20	24	12	14	17	12
COLUMBUS	214	220	201	104	84	55	5	4	5	7	4	8
CRAVEN	350	429	366	118	152	130	11	6	14	12	20	17
CUMBERLAND	2,946	2,724	2,483	1,238	1,043	965	99	102	77	80	83	82
CURRITUCK	39	48	29	4	12	8	1	2	1	2	3	1
DARE	59	79	56	9	9	12	1	0	3	1	1	1
DAVIDSON	545	572	538	231	209	163	16	29	13	17	20	9
DAVIE	89	94	79	33	32	22	9	3	2	1	4	1
DUPLIN	279	277	232	88	65	64	9	3	5	7	8	8
DURHAM	1,983	2,335	1,985	795	1,091	912	110	70	54	52	43	31
EDGECOMBE	562	545	418	304	270	194	28	38	17	9	22	17
FORSYTH	1,995	2,180	2,130	834	997	837	77	72	62	46	45	46
FRANKLIN	235	258	227	125	101	72	4	4	6	6	5	2
GASTON	1,091	1,063	985	506	444	400	35	40	43	25	28	26
GATES	20	23	24	7	4	15	0	0	0	2	1	0
GRAHAM	15	10	5	1	2	0	0	0	0	0	0	0
GRANVILLE	266	292	251	147	122	83	4	7	3	2	6	2
GREENE	105	119	93	52	42	49	6	3	3	5	3	2
GUILFORD	3,304	3,491	3,118	1,448	1,604	1,417	162	105	113	108	102	65
HALIFAX	382	356	354	100	123	91	3	12	5	9	3	2
HARNETT	533	527	487	179	213	177	17	11	9	17	20	18
HAYWOOD	98	104	62	13	12	10	3	0	1	3	2	2
HENDERSON	213	239	191	51	48	49	8	8	10	5	4	3
HERTFORD	140	167	133	60	73	41	3	4	3	7	5	3
HOKE	339	296	273	144	106	102	20	11	16	10	8	11
HYDE	11	6	7	3	2	3	0	0	0	0	0	1
IREDELL	536	636	527	222	223	182	14	7	7	12	8	5
JACKSON	169	171	131	25	36	8	2	0	1	0	2	4
JOHNSTON	707	831	793	279	306	274	28	19	15	17	8	8
JONES	38	38	16	23	11	8	0	1	0	0	0	0

Continued

Data Source: North Carolina Electronic Disease Surveillance System (data as of November 4, 2024).

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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-Sep	2023 Jan-Sep	2024 Jan-Sep	2022 Jan-Sep	2023 Jan-Sep	2024 Jan-Sep	2022 Jan-Sep	2023 Jan-Sep	2024 Jan-Sep	2022 Jan-Sep	2023 Jan-Sep	2024 Jan-Sep
LEE	278	223	275	92	80	74	2	9	2	6	2	2
LENOIR	471	379	458	212	218	199	15	13	12	16	9	6
LINCOLN	218	174	165	76	66	60	9	10	2	2	5	7
MACON	66	69	60	10	11	6	3	4	3	2	1	2
MADISON	47	28	22	10	3	6	7	0	0	0	0	1
MARTIN	135	113	128	56	46	42	0	2	5	3	2	0
MCDOWELL	82	107	81	56	43	28	14	8	1	7	7	5
MECKLENBURG	7,583	7,849	6,992	3,442	3,495	2,901	382	318	340	270	278	260
MITCHELL	19	18	13	7	1	4	1	1	0	0	1	0
MONTGOMERY	92	104	78	47	27	15	3	0	1	0	2	0
MOORE	279	264	201	108	70	67	8	4	7	7	4	4
NASH	555	598	550	323	316	242	26	40	40	18	29	36
NEW HANOVER	833	875	771	229	269	234	31	23	22	19	16	13
NORTHAMPTON	122	119	97	40	49	30	6	3	3	2	2	6
ONSLOW	1,412	1,355	1,163	413	286	238	10	16	9	15	10	12
ORANGE	484	537	421	161	209	175	18	14	10	13	8	10
PAMLICO	31	37	28	17	17	8	0	2	0	0	2	0
PASQUOTANK	181	170	210	80	76	55	3	3	6	1	2	1
PENDER	116	141	147	47	42	36	0	4	4	1	5	3
PERQUIMANS	38	35	39	28	8	9	0	1	1	1	0	1
PERSON	167	164	134	87	74	62	2	6	4	0	2	3
PITT	1,568	1,578	1,475	721	697	564	38	39	40	33	32	24
POLK	25	31	18	9	7	4	0	1	0	1	0	0
RANDOLPH	439	409	332	104	123	112	7	10	11	14	12	11
RICHMOND	282	266	254	183	123	94	18	11	8	10	9	8
ROBESON	1,020	1,069	989	528	443	376	50	29	37	16	25	39
ROCKINGHAM	285	275	234	105	128	97	3	13	11	4	3	7
ROWAN	683	643	610	275	283	200	16	34	22	20	26	15
RUTHERFORD	173	154	163	112	80	59	21	29	15	6	24	17
SAMPSON	285	301	270	110	77	75	9	10	5	10	8	7
SCOTLAND	262	298	272	129	145	113	2	3	6	3	3	1
STANLY	188	203	144	74	57	33	5	4	0	2	3	1
STOKES	67	72	66	32	19	19	2	0	3	0	1	1
SURRY	165	117	123	51	43	21	7	2	8	1	2	6
SWAIN	46	36	33	19	4	3	0	0	0	0	1	2
TRANSYLVANIA	50	56	49	9	14	5	0	0	0	2	1	0
TYRRELL	3	4	16	7	0	2	0	0	1	0	0	0
UNION	730	805	678	236	226	176	26	18	9	14	17	11
VANCE	423	404	423	273	239	154	13	12	14	4	7	5
WAKE	4,725	4,831	4,580	1,791	1,887	1,606	172	140	146	129	107	90
WARREN	94	100	105	42	40	28	3	2	4	1	1	1
WASHINGTON	71	71	76	32	23	30	0	0	1	0	0	0
WATAUGA	219	218	133	26	20	26	1	5	2	2	3	1
WAYNE	717	744	693	281	273	283	27	20	15	10	16	12
WILKES	136	115	130	45	22	41	2	3	0	2	3	1
WILSON	654	637	518	345	320	209	24	17	26	27	21	22
YADKIN	63	80	65	27	25	10	2	1	6	2	0	0
YANCEY	15	26	10	6	2	3	0	3	1	0	0	0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	49,036	50,340	45,294	20,258	20,018	16,755	1,870	1,657	1,513	1,299	1,315	1,158

Data Source: North Carolina Electronic Disease Surveillance System (data as of November 4, 2024).

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

COUNTY	2022 Jan-Sep	2023 Jan-Sep	2024 Jan-Sep
ALAMANCE	13	15	14
ALEXANDER	1	1	2
ALLEGHANY	0	0	0
ANSON	2	5	2
ASHE	0	2	0
AVERY	0	0	1
BEAUFORT	5	3	2
BERTIE	2	0	4
BLADEN	1	2	4
BRUNSWICK	7	4	7
BUNCOMBE	22	10	15
BURKE	1	4	3
CABARRUS	14	25	16
CALDWELL	3	1	2
CAMDEN	0	1	1
CARTERET	2	3	1
CASWELL	2	1	2
CATAWBA	6	10	6
CHATHAM	3	5	2
CHEROKEE	1	2	0
CHOWAN	0	3	1
CLAY	0	0	0
CLEVELAND	11	12	7
COLUMBUS	4	4	4
Craven	8	5	9
CUMBERLAND	57	71	56
CURRITUCK	0	0	2
DARE	3	2	0
DAVIDSON	14	12	7
DAVIE	0	4	1
DUPLIN	2	5	4
DURHAM	51	52	45
EDGECOMBE	10	11	16
FORSYTH	58	57	50
FRANKLIN	6	1	5
GASTON	31	22	30
GATES	0	1	1
GRAHAM	0	0	0
GRANVILLE	4	7	2
GREENE	1	3	0
GUILFORD	81	71	73
HALIFAX	4	7	6
HARNETT	5	10	17
HAYWOOD	2	3	1
HENDERSON	5	6	2
HERTFORD	1	1	2
HOKE	10	8	9
HYDE	0	0	0
IREDELL	7	9	4
JACKSON	2	0	4
JOHNSTON	17	6	21

COUNTY	2022 Jan-Sep	2023 Jan-Sep	2024 Jan-Sep
JONES	0	0	0
LEE	3	5	6
LENOIR	6	6	2
LINCOLN	2	5	3
MACON	0	0	4
MADISON	0	0	0
MARTIN	5	1	0
MCDOWELL	0	0	1
MECKLENBURG	212	208	218
MITCHELL	0	1	0
MONTGOMERY	0	0	3
MOORE	6	5	5
NASH	19	12	17
NEW HANOVER	15	21	26
NORTHAMPTON	2	2	2
ONslow	12	11	11
ORANGE	3	4	10
PAMLICO	0	2	0
PASQUOTANK	1	2	2
PENDER	1	2	2
PERQUIMANS	1	0	0
PERSON	5	0	2
PITT	25	33	22
POLK	1	0	1
RANDOLPH	6	6	13
RICHMOND	7	3	2
ROBESON	23	18	17
ROCKINGHAM	5	8	5
ROWAN	12	11	7
RUTHERFORD	0	0	5
SAMPSON	8	7	3
SCOTLAND	6	7	5
STANLY	2	4	2
STOKES	0	2	2
SURRY	3	4	1
SWAIN	0	1	1
TRANSYLVANIA	0	1	3
TYRRELL	0	0	0
UNION	12	9	13
VANCE	9	10	3
WAKE	118	115	120
WARREN	0	1	2
WASHINGTON	1	0	3
WATAUGA	1	3	3
WAYNE	12	13	14
WILKES	1	1	3
WILSON	7	11	19
YADKIN	2	2	2
YANCEY	0	1	1
UNASSIGNED*	18	16	25
TOTAL	1,051	1,061	1,074

* 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 November 4, 2024).

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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-Sep	2023 Jan-Sep	2024 Jan-Sep
ALAMANCE	8	5	12
ALEXANDER	0	0	0
ALLEGHANY	0	0	0
ANSON	1	6	0
ASHE	0	1	0
AVERY	0	1	0
BEAUFORT	5	6	0
BERTIE	1	0	3
BLADEN	1	2	0
BRUNSWICK	0	3	1
BUNCOMBE	8	4	5
BURKE	0	2	1
CABARRUS	10	8	13
CALDWELL	2	1	0
CAMDEN	0	0	1
CARTERET	2	0	2
CASWELL	2	1	2
CATAWBA	4	3	4
CHATHAM	0	0	1
CHEROKEE	1	0	0
CHOWAN	0	2	1
CLAY	0	0	0
CLEVELAND	5	8	3
COLUMBUS	5	2	5
Craven	6	2	9
CUMBERLAND	22	31	26
CURRITUCK	0	0	0
DARE	1	1	1
DAVIDSON	3	5	9
DAVIE	0	2	1
DUPLIN	2	2	1
DURHAM	25	23	29
EDGECOMBE	7	5	1
FORSYTH	27	32	34
FRANKLIN	3	1	3
GASTON	10	12	16
GATES	0	0	0
GRAHAM	0	0	0
GRANVILLE	3	0	1
GREENE	0	1	1
GUILFORD	28	27	38
HALIFAX	2	3	0
HARNETT	2	3	6
HAYWOOD	1	3	4
HENDERSON	2	1	2
HERTFORD	1	2	2
HOKE	6	2	2
HYDE	0	0	0
IREDELL	2	2	0
JACKSON	0	0	2
JOHNSTON	6	4	12
JONES	0	0	1
LEE	2	3	2

COUNTY	2022 Jan-Sep	2023 Jan-Sep	2024 Jan-Sep
LENOIR	2	2	1
LINCOLN	1	0	1
MACON	0	0	1
MADISON	0	0	0
MARTIN	3	0	0
MCDOWELL	1	0	0
MECKLENBURG	115	117	118
MITCHELL	0	1	0
MONTGOMERY	0	0	1
MOORE	4	1	3
NASH	5	6	5
NEW HANOVER	2	3	14
NORTHAMPTON	1	2	0
ONSLow	3	6	4
ORANGE	5	3	6
PAMLICO	1	1	0
PASQUOTANK	1	2	3
PENDER	1	1	1
PERQUIMANS	0	0	0
PERSON	2	1	1
PITT	5	13	6
POLK	0	0	2
RANDOLPH	4	4	9
RICHMOND	3	2	0
ROBESON	9	9	9
ROCKINGHAM	0	1	4
ROWAN	9	2	2
RUTHERFORD	0	0	1
SAMPSON	2	4	3
SCOTLAND	4	1	2
STANLY	0	5	1
STOKES	0	1	1
SURRY	1	3	2
SWAIN	0	1	0
TRANSYLVANIA	1	0	1
TYRRELL	0	0	0
UNION	8	7	5
VANCE	3	3	0
WAKE	47	55	58
WARREN	3	1	0
WASHINGTON	1	0	0
WATAUGA	0	1	2
WAYNE	4	11	11
WILKES	0	0	1
WILSON	2	3	2
YADKIN	0	1	1
YANCEY	0	0	0
UNASSIGNED*	6	4	3
TOTAL	475	500	542

* 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 November 4, 2024).