

North Carolina HIV/STD Quarterly Surveillance Report: Vol. 2024, No. 4

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

State of North Carolina • Josh Stein, Governor
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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	0	0.0	1	0.0
	0-9	4	0.0	2	0.0	2	0.0	3	0.0	11	0.0
	10-14	15	0.1	18	0.1	22	0.1	10	0.1	65	0.1
	15-19	1,129	7.0	1,058	6.8	1,122	7.2	859	7.2	4,168	7.0
	20-24	1,916	11.8	1,825	11.7	1,808	11.6	1,354	11.3	6,903	11.6
	25-29	1,037	6.4	992	6.4	973	6.3	832	6.9	3,834	6.5
	30-34	625	3.9	583	3.7	637	4.1	473	3.9	2,318	3.9
	35-39	387	2.4	373	2.4	341	2.2	271	2.3	1,372	2.3
	40-44	172	1.1	152	1.0	166	1.1	138	1.1	628	1.1
	45-54	191	1.2	174	1.1	167	1.1	127	1.1	659	1.1
	55-64	77	0.5	80	0.5	82	0.5	66	0.5	305	0.5
	65+	19	0.1	20	0.1	16	0.1	19	0.2	74	0.1
Total		5,573	34.4	5,277	33.9	5,336	34.3	4,152	34.6	20,338	34.3
Female	Unknown	0	0.0	1	0.0	1	0.0	2	0.0	4	0.0
	0-9	3	0.0	2	0.0	2	0.0	2	0.0	9	0.0
	10-14	69	0.4	84	0.5	97	0.6	53	0.4	303	0.5
	15-19	3,206	19.8	2,943	18.9	3,006	19.3	2,308	19.2	11,463	19.3
	20-24	3,822	23.6	3,782	24.3	3,633	23.4	2,799	23.3	14,036	23.7
	25-29	1,746	10.8	1,722	11.1	1,709	11.0	1,339	11.2	6,516	11.0
	30-34	952	5.9	916	5.9	897	5.8	688	5.7	3,453	5.8
	35-39	430	2.7	425	2.7	430	2.8	319	2.7	1,604	2.7
	40-44	201	1.2	222	1.4	249	1.6	167	1.4	839	1.4
	45-54	149	0.9	148	1.0	139	0.9	132	1.1	568	1.0
	55-64	49	0.3	38	0.2	51	0.3	37	0.3	175	0.3
	65+	10	0.1	13	0.1	6	0.0	9	0.1	38	0.1
Total		10,637	65.6	10,296	66.1	10,220	65.7	7,855	65.4	39,008	65.7
Total	Unknown	1	0.0	1	0.0	1	0.0	2	0.0	5	0.0
	0-9	7	0.0	4	0.0	4	0.0	5	0.0	20	0.0
	10-14	84	0.5	102	0.7	119	0.8	63	0.5	368	0.6
	15-19	4,335	26.7	4,001	25.7	4,128	26.5	3,167	26.4	15,631	26.3
	20-24	5,738	35.4	5,607	36.0	5,441	35.0	4,153	34.6	20,939	35.3
	25-29	2,783	17.2	2,714	17.4	2,682	17.2	2,171	18.1	10,350	17.4
	30-34	1,577	9.7	1,499	9.6	1,534	9.9	1,161	9.7	5,771	9.7
	35-39	817	5.0	798	5.1	771	5.0	590	4.9	2,976	5.0
	40-44	373	2.3	374	2.4	415	2.7	305	2.5	1,467	2.5
	45-54	340	2.1	322	2.1	306	2.0	259	2.2	1,227	2.1
	55-64	126	0.8	118	0.8	133	0.9	103	0.9	480	0.8
	65+	29	0.2	33	0.2	22	0.1	28	0.2	112	0.2
Total		16,210	100.0	15,573	100.0	15,556	100.0	12,007	100.0	59,346	100.0

Data Source: North Carolina Electronic Disease Surveillance System (data as of February 3, 2025).

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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	87	0.6	68	0.6	333	0.6
	Asian/Pacific Islander ^a	35	0.2	46	0.3	40	0.3	30	0.2	151	0.3
	Black/African American ^a	2,365	14.6	2,340	15.0	2,414	15.5	1,831	15.2	8,950	15.1
	Hispanic/Latino	618	3.8	606	3.9	652	4.2	506	4.2	2,382	4.0
	White/Caucasian ^a	826	5.1	685	4.4	708	4.6	536	4.5	2,755	4.6
	Multiple Race	36	0.2	33	0.2	29	0.2	34	0.3	132	0.2
	Unknown	1,610	9.9	1,472	9.5	1,406	9.0	1,147	9.6	5,635	9.5
	Total	5,573	34.4	5,277	33.9	5,336	34.3	4,152	34.6	20,338	34.3
Female	American Indian/Alaska Native ^a	234	1.4	221	1.4	232	1.5	160	1.3	847	1.4
	Asian/Pacific Islander ^a	72	0.4	82	0.5	80	0.5	46	0.4	280	0.5
	Black/African American ^a	4,032	24.9	3,990	25.6	3,867	24.9	2,955	24.6	14,844	25.0
	Hispanic/Latino	1,466	9.0	1,607	10.3	1,615	10.4	1,251	10.4	5,939	10.0
	White/Caucasian ^a	1,807	11.1	1,668	10.7	1,704	11.0	1,263	10.5	6,442	10.9
	Multiple Race	74	0.5	83	0.5	86	0.6	90	0.7	333	0.6
	Unknown	2,952	18.2	2,645	17.0	2,636	16.9	2,090	17.4	10,323	17.4
	Total	10,637	65.6	10,296	66.1	10,220	65.7	7,855	65.4	39,008	65.7
Total	American Indian/Alaska Native ^a	317	2.0	316	2.0	319	2.1	228	1.9	1,180	2.0
	Asian/Pacific Islander ^a	107	0.7	128	0.8	120	0.8	76	0.6	431	0.7
	Black/African American ^a	6,397	39.5	6,330	40.6	6,281	40.4	4,786	39.9	23,794	40.1
	Hispanic/Latino	2,084	12.9	2,213	14.2	2,267	14.6	1,757	14.6	8,321	14.0
	White/Caucasian ^a	2,633	16.2	2,353	15.1	2,412	15.5	1,799	15.0	9,197	15.5
	Multiple Race	110	0.7	116	0.7	115	0.7	124	1.0	465	0.8
	Unknown	4,562	28.1	4,117	26.4	4,042	26.0	3,237	27.0	15,958	26.9
	Total	16,210	100.0	15,573	100.0	15,556	100.0	12,007	100.0	59,346	100.0

^aNon-Hispanic/Latino.

Data Source: North Carolina Electronic Disease Surveillance System (data as of February 3, 2025).

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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	0.0
	0-9	1	0.0	1	0.0	2	0.0	1	0.0	5	0.0
	10-14	3	0.0	8	0.1	4	0.1	5	0.1	20	0.1
	15-19	460	7.6	379	6.7	389	7.0	289	6.4	1,517	7.0
	20-24	861	14.3	820	14.5	765	13.9	622	13.9	3,068	14.1
	25-29	684	11.4	655	11.5	676	12.2	539	12.0	2,554	11.8
	30-34	592	9.8	565	10.0	535	9.7	463	10.3	2,155	9.9
	35-39	315	5.2	339	6.0	347	6.3	297	6.6	1,298	6.0
	40-44	194	3.2	191	3.4	202	3.7	129	2.9	716	3.3
	45-54	203	3.4	177	3.1	206	3.7	175	3.9	761	3.5
	55-64	104	1.7	95	1.7	100	1.8	83	1.8	382	1.8
	65+	23	0.4	29	0.5	36	0.7	32	0.7	120	0.6
Total		3,440	57.2	3,259	57.4	3,262	59.1	2,635	58.7	12,596	58.1
Female	Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	0-9	2	0.0	1	0.0	0	0.0	2	0.0	5	0.0
	10-14	19	0.3	21	0.4	18	0.3	17	0.4	75	0.3
	15-19	631	10.5	544	9.6	568	10.3	454	10.1	2,197	10.1
	20-24	873	14.5	732	12.9	653	11.8	577	12.9	2,835	13.1
	25-29	424	7.0	442	7.8	389	7.0	294	6.6	1,549	7.1
	30-34	281	4.7	312	5.5	266	4.8	220	4.9	1,079	5.0
	35-39	150	2.5	164	2.9	176	3.2	133	3.0	623	2.9
	40-44	94	1.6	106	1.9	93	1.7	82	1.8	375	1.7
	45-54	81	1.3	77	1.4	72	1.3	54	1.2	284	1.3
	55-64	20	0.3	13	0.2	19	0.3	15	0.3	67	0.3
	65+	2	0.0	2	0.0	3	0.1	4	0.1	11	0.1
Total		2,577	42.8	2,414	42.5	2,257	40.9	1,852	41.3	9,100	41.9
Total ^a	Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	0-9	3	0.0	2	0.0	2	0.0	3	0.1	10	0.0
	10-14	22	0.4	29	0.5	22	0.4	22	0.5	95	0.4
	15-19	1,091	18.1	923	16.3	957	17.3	743	16.6	3,714	17.1
	20-24	1,734	28.8	1,553	27.4	1,419	25.7	1,199	26.7	5,905	27.2
	25-29	1,108	18.4	1,097	19.3	1,065	19.3	833	18.6	4,103	18.9
	30-34	873	14.5	877	15.5	801	14.5	683	15.2	3,234	14.9
	35-39	465	7.7	503	8.9	523	9.5	430	9.6	1,921	8.9
	40-44	288	4.8	297	5.2	295	5.3	211	4.7	1,091	5.0
	45-54	284	4.7	254	4.5	278	5.0	229	5.1	1,045	4.8
	55-64	124	2.1	108	1.9	119	2.2	98	2.2	449	2.1
	65+	25	0.4	31	0.5	39	0.7	36	0.8	131	0.6
Total		6,017	100.0	5,674	100.0	5,520	100.0	4,487	100.0	21,698	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 February 3, 2025)

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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	39	0.7	35	0.8	176	0.8
	Asian/Pacific Islander ^a	21	0.3	27	0.5	29	0.5	12	0.3	89	0.4
	Black/African American ^a	1,853	30.8	1,837	32.4	1,787	32.4	1,353	30.2	6,830	31.5
	Hispanic/Latino	241	4.0	245	4.3	284	5.1	231	5.1	1,001	4.6
	White/Caucasian ^a	437	7.3	394	6.9	449	8.1	387	8.6	1,667	7.7
	Multiple Race	39	0.6	34	0.6	44	0.8	33	0.7	150	0.7
	Unknown	797	13.2	672	11.8	630	11.4	584	13.0	2,683	12.4
	Total	3,440	57.2	3,259	57.4	3,262	59.1	2,635	58.7	12,596	58.1
Female	American Indian/Alaska Native ^a	45	0.7	48	0.8	46	0.8	45	1.0	184	0.8
	Asian/Pacific Islander ^a	7	0.1	10	0.2	10	0.2	8	0.2	35	0.2
	Black/African American ^a	1,296	21.5	1,262	22.2	1,160	21.0	930	20.7	4,648	21.4
	Hispanic/Latino	128	2.1	126	2.2	121	2.2	103	2.3	478	2.2
	White/Caucasian ^a	449	7.5	378	6.7	409	7.4	295	6.6	1,531	7.1
	Multiple Race	25	0.4	21	0.4	21	0.4	25	0.6	92	0.4
	Unknown	627	10.4	569	10.0	490	8.9	446	9.9	2,132	9.8
	Total	2,577	42.8	2,414	42.5	2,257	40.9	1,852	41.3	9,100	41.9
Total ^b	American Indian/Alaska Native ^a	97	1.6	98	1.7	85	1.5	80	1.8	360	1.7
	Asian/Pacific Islander ^a	28	0.5	37	0.7	39	0.7	20	0.4	124	0.6
	Black/African American ^a	3,149	52.3	3,100	54.6	2,947	53.4	2,283	50.9	11,479	52.9
	Hispanic/Latino	369	6.1	371	6.5	405	7.3	334	7.4	1,479	6.8
	White/Caucasian ^a	886	14.7	772	13.6	858	15.5	682	15.2	3,198	14.7
	Multiple Race	64	1.1	55	1.0	65	1.2	58	1.3	242	1.1
	Unknown	1,424	23.7	1,241	21.9	1,121	20.3	1,030	23.0	4,816	22.2
	Total	6,017	100.0	5,674	100.0	5,520	100.0	4,487	100.0	21,698	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 February 3, 2025).

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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	0.0
	0-9	0	0.0	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	0	0.0
	15-19	26	2.6	13	1.4	14	1.6	9	1.2	62	1.7
	20-24	84	8.4	79	8.5	67	7.8	66	8.5	296	8.3
	25-29	135	13.4	92	9.9	103	12.0	101	13.0	431	12.1
	30-34	139	13.8	149	16.1	120	14.0	111	14.3	519	14.6
	35-39	113	11.3	99	10.7	83	9.7	94	12.1	389	10.9
	40-44	69	6.9	66	7.1	68	8.0	56	7.2	259	7.3
	45-54	91	9.1	87	9.4	96	11.2	62	8.0	336	9.4
	55-64	88	8.8	79	8.5	62	7.3	50	6.4	279	7.8
	65+	18	1.8	15	1.6	20	2.3	19	2.4	72	2.0
Total		763	76.0	679	73.3	633	74.0	568	73.0	2,643	74.2
Female	Unknown	0	0.0	1	0.1	0	0.0	0	0.0	1	0.0
	0-9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	10-14	1	0.1	0	0.0	0	0.0	0	0.0	1	0.0
	15-19	12	1.2	11	1.2	9	1.1	8	1.0	40	1.1
	20-24	45	4.5	36	3.9	39	4.6	40	5.1	160	4.5
	25-29	54	5.4	44	4.8	50	5.8	43	5.5	191	5.4
	30-34	46	4.6	42	4.5	34	4.0	40	5.1	162	4.5
	35-39	26	2.6	47	5.1	30	3.5	24	3.1	127	3.6
	40-44	14	1.4	26	2.8	24	2.8	20	2.6	84	2.4
	45-54	28	2.8	27	2.9	22	2.6	22	2.8	99	2.8
	55-64	14	1.4	12	1.3	9	1.1	12	1.5	47	1.3
	65+	1	0.1	1	0.1	5	0.6	1	0.1	8	0.2
Total		241	24.0	247	26.7	222	26.0	210	27.0	920	25.8
Total	Unknown	0	0.0	1	0.1	0	0.0	0	0.0	1	0.0
	0-9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	10-14	1	0.1	0	0.0	0	0.0	0	0.0	1	0.0
	15-19	38	3.8	24	2.6	23	2.7	17	2.2	102	2.9
	20-24	129	12.8	115	12.4	106	12.4	106	13.6	456	12.8
	25-29	189	18.8	136	14.7	153	17.9	144	18.5	622	17.5
	30-34	185	18.4	191	20.6	154	18.0	151	19.4	681	19.1
	35-39	139	13.8	146	15.8	113	13.2	118	15.2	516	14.5
	40-44	83	8.3	92	9.9	92	10.8	76	9.8	343	9.6
	45-54	119	11.9	114	12.3	118	13.8	84	10.8	435	12.2
	55-64	102	10.2	91	9.8	71	8.3	62	8.0	326	9.1
	65+	19	1.9	16	1.7	25	2.9	20	2.6	80	2.2
Total		1,004	100.0	926	100.0	855	100.0	778	100.0	3,563	100.0

Data Source: North Carolina Electronic Disease Surveillance System (data as of February 3, 2025).

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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	5	0.5	21	2.5	10	1.3	44	1.2
	Asian/Pacific Islander^a	6	0.6	2	0.2	4	0.5	10	1.3	22	0.6
	Black/African American^a	399	39.7	360	38.9	354	41.4	306	39.3	1,419	39.8
	Hispanic/Latino	110	11.0	111	12.0	82	9.6	91	11.7	394	11.1
	White/Caucasian^a	190	18.9	159	17.2	136	15.9	125	16.1	610	17.1
	Multiple Race	40	4.0	27	2.9	23	2.7	18	2.3	108	3.0
	Unknown	10	1.0	15	1.6	13	1.5	8	1.0	46	1.3
	Total	763	76.0	679	73.3	633	74.0	568	73.0	2,643	74.2
Female	American Indian/Alaska Native^a	6	0.6	4	0.4	3	0.4	8	1.0	21	0.6
	Asian/Pacific Islander^a	0	0.0	1	0.1	2	0.2	0	0.0	3	0.1
	Black/African American^a	123	12.3	122	13.2	115	13.5	104	13.4	464	13.0
	Hispanic/Latino	19	1.9	23	2.5	22	2.6	24	3.1	88	2.5
	White/Caucasian^a	79	7.9	80	8.6	67	7.8	62	8.0	288	8.1
	Multiple Race	10	1.0	13	1.4	10	1.2	7	0.9	40	1.1
	Unknown	4	0.4	4	0.4	3	0.4	5	0.6	16	0.4
	Total	241	24.0	247	26.7	222	26.0	210	27.0	920	25.8
Total^c	American Indian/Alaska Native^a	14	1.4	9	1.0	24	2.8	18	2.3	65	1.8
	Asian/Pacific Islander^a	6	0.6	3	0.3	6	0.7	10	1.3	25	0.7
	Black/African American^a	522	52.0	482	52.1	469	54.9	410	52.7	1,883	52.8
	Hispanic/Latino	129	12.8	134	14.5	104	12.2	115	14.8	482	13.5
	White/Caucasian^a	269	26.8	239	25.8	203	23.7	187	24.0	898	25.2
	Multiple Race	50	5.0	40	4.3	33	3.9	25	3.2	148	4.2
	Unknown	14	1.4	19	2.1	16	1.9	13	1.7	62	1.7
	Total	1,004	100.0	926	100.0	855	100.0	778	100.0	3,563	100.0

^aNon-Hispanic/Latino.

Data Source: North Carolina Electronic Disease Surveillance System (data as of February 3, 2025).

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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-Dec	2023 Jan-Dec	2024 Jan-Dec	2022 Jan-Dec	2023 Jan-Dec	2024 Jan-Dec	2022 Jan-Dec	2023 Jan-Dec	2024 Jan-Dec	2022 Jan-Dec	2023 Jan-Dec	2024 Jan-Dec
ALAMANCE	861	1,029	945	375	372	367	49	49	28	38	28	25
ALEXANDER	67	67	52	15	17	18	3	6	0	0	0	0
ALLEGHANY	17	17	15	4	7	2	0	0	2	0	0	1
ANSON	193	238	159	96	67	67	7	5	1	6	3	1
ASHE	38	43	17	13	10	3	2	1	1	0	0	1
AVERY	19	25	17	7	4	2	2	1	0	1	0	0
BEAUFORT	237	249	207	109	94	65	10	15	5	4	9	4
BERTIE	155	162	115	63	65	39	8	4	4	3	4	1
BLADEN	169	207	179	80	70	55	4	5	4	4	7	2
BRUNSWICK	396	451	415	106	139	130	7	5	4	8	12	4
BUNCOMBE	943	863	722	383	310	264	52	35	42	23	36	29
BURKE	237	249	200	86	83	70	14	13	10	11	9	6
CABARRUS	1,262	1,294	1,100	479	459	334	27	48	35	26	32	37
CALDWELL	267	289	223	103	84	100	12	11	18	4	7	13
CAMDEN	25	22	21	9	4	1	0	2	1	0	1	0
CARTERET	197	159	156	46	46	31	4	7	2	4	3	4
CASWELL	111	109	93	44	40	35	2	3	0	1	0	0
CATAWBA	611	547	507	256	235	193	25	18	15	22	16	23
CHATHAM	247	197	167	53	65	52	3	5	3	1	3	3
CHEROKEE	43	43	38	7	2	10	2	5	1	0	1	1
CHOWAN	81	87	73	33	15	21	1	1	1	1	0	3
CLAY	17	16	17	0	1	3	0	1	0	1	0	1
CLEVELAND	582	600	551	290	246	204	25	25	16	18	21	15
COLUMBUS	285	278	278	126	133	72	6	6	10	8	5	11
CRAVEN	459	561	491	176	185	157	12	11	14	15	25	23
CUMBERLAND	3,903	3,566	3,350	1,592	1,354	1,340	134	123	98	105	114	107
CURRITUCK	52	56	40	9	12	14	3	2	1	2	4	1
DARE	74	107	71	11	13	16	1	0	3	1	1	2
DAVIDSON	696	759	718	295	253	214	28	36	17	19	26	13
DAVIE	102	118	103	42	43	25	12	4	3	1	5	1
DUPLIN	354	363	289	115	94	81	10	5	6	8	10	9
DURHAM	2,684	3,047	2,623	1,102	1,488	1,193	136	89	75	68	55	51
EDGECOMBE	732	728	582	403	351	258	39	48	22	16	32	21
FORSYTH	2,516	2,947	2,736	1,078	1,328	1,041	96	99	83	59	56	63
FRANKLIN	335	341	283	173	126	91	6	6	9	7	8	3
GASTON	1,460	1,394	1,305	680	583	518	50	55	54	29	41	34
GATES	26	32	30	11	7	16	0	0	0	2	1	0
GRAHAM	21	12	8	3	2	0	0	0	0	0	0	0
GRANVILLE	343	376	326	213	150	104	7	11	6	3	8	3
GREENE	145	150	134	74	53	64	6	5	3	6	3	3
GUILFORD	4,423	4,662	4,059	1,927	2,123	1,790	211	143	142	136	128	98
HALIFAX	497	475	471	138	174	115	5	14	7	14	7	5
HARNETT	689	715	624	230	282	221	23	14	14	23	21	20
HAYWOOD	128	123	81	17	16	13	5	1	2	3	4	4
HENDERSON	265	303	270	62	71	58	13	12	11	8	8	3
HERTFORD	193	214	167	88	94	43	4	4	3	8	6	4
HOKE	440	394	366	191	146	135	24	15	21	11	10	15
HYDE	15	8	11	3	3	3	0	0	0	0	1	1
IREDELL	719	820	682	296	291	239	18	10	18	14	12	7
JACKSON	242	232	180	37	57	11	2	0	2	1	2	4
JOHNSTON	970	1,081	1,020	378	409	353	37	27	24	20	11	14
JONES	44	47	25	25	16	10	0	1	0	0	0	0

Continued

Data Source: North Carolina Electronic Disease Surveillance System (data as of February 3, 2025).

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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-Dec	2023 Jan-Dec	2024 Jan-Dec	2022 Jan-Dec	2023 Jan-Dec	2024 Jan-Dec	2022 Jan-Dec	2023 Jan-Dec	2024 Jan-Dec	2022 Jan-Dec	2023 Jan-Dec	2024 Jan-Dec
LEE	346	297	354	120	118	95	2	11	6	6	2	4
LENOIR	625	496	572	274	282	235	18	17	14	18	10	8
LINCOLN	284	241	219	98	90	74	9	10	5	5	7	12
MACON	89	86	82	13	13	6	5	4	4	4	1	3
MADISON	60	44	28	13	9	7	7	1	0	0	2	1
MARTIN	175	146	148	68	67	49	3	5	5	4	3	0
MCDOWELL	111	129	96	73	51	35	21	12	2	7	10	9
MECKLENBURG	9,964	10,195	9,178	4,603	4,558	3,829	481	404	438	356	361	353
MITCHELL	29	27	17	8	3	5	1	2	0	0	1	0
MONTGOMERY	115	128	103	56	37	18	3	1	1	1	3	3
MOORE	376	355	295	137	93	88	10	6	12	8	7	7
NASH	735	821	717	428	426	309	36	50	51	28	33	39
NEW HANOVER	1,113	1,159	1,017	285	363	299	39	34	34	27	22	27
NORTHAMPTON	155	151	130	61	62	38	8	3	4	2	2	7
ONSLow	1,842	1,755	1,519	525	416	290	13	21	17	18	11	12
ORANGE	664	707	549	216	275	233	20	19	17	16	10	15
PAMLICO	38	51	35	21	18	9	0	2	0	0	2	0
PASQUOTANK	250	234	276	102	105	72	3	5	7	3	3	1
PENDER	167	195	188	63	62	40	2	7	4	1	5	7
PERQUIMANS	48	50	49	29	12	14	0	1	1	1	1	1
PERSON	216	220	198	104	97	86	3	7	4	2	3	6
PITT	2,077	2,110	1,958	953	938	736	51	51	52	37	44	29
POLK	28	35	20	14	11	4	0	1	0	1	0	0
RANDOLPH	554	515	449	139	157	147	11	14	13	14	13	14
RICHMOND	371	353	331	224	165	118	24	16	10	10	11	12
ROBESON	1,371	1,352	1,288	702	602	481	60	40	53	24	32	48
ROCKINGHAM	366	353	316	149	148	130	4	20	17	4	5	9
ROWAN	907	830	831	357	370	247	24	39	26	26	33	24
RUTHERFORD	228	186	201	138	97	79	23	33	16	9	27	18
SAMPSON	367	365	350	139	93	95	11	13	5	13	11	9
SCOTLAND	359	386	342	167	177	149	4	5	7	3	3	3
STANLY	261	255	198	109	65	39	5	7	1	2	5	2
STOKES	95	92	93	40	32	23	2	1	3	1	3	1
SURRY	205	151	151	62	64	31	8	3	10	2	2	7
SWAIN	62	46	36	23	6	4	0	0	1	0	2	3
TRANSYLVANIA	66	68	60	12	15	11	0	0	0	3	2	0
TYRRELL	11	9	20	10	0	2	0	0	1	0	0	0
UNION	964	1,000	898	303	289	223	36	20	10	19	21	13
VANCE	583	524	549	392	296	207	16	13	23	6	8	5
WAKE	6,175	6,336	5,928	2,416	2,488	2,065	238	184	197	157	133	127
WARREN	137	135	135	64	51	36	4	4	4	2	1	2
WASHINGTON	95	95	87	37	39	34	0	0	1	0	0	0
WATAUGA	332	270	185	38	24	41	2	7	2	2	3	1
WAYNE	964	959	906	378	341	353	36	23	19	14	22	17
WILKES	153	154	165	60	27	61	3	4	1	3	4	3
WILSON	834	837	677	463	409	273	27	23	33	38	24	28
YADKIN	88	98	79	31	27	14	4	2	6	2	0	0
YANCEY	24	30	11	7	3	3	0	3	1	0	0	0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	64,666	65,903	59,346	26,876	26,383	21,698	2,424	2,154	1,979	1,662	1,704	1,584

Data Source: North Carolina Electronic Disease Surveillance System (data as of February 3, 2025).

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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-Dec	2023 Jan-Dec	2024 Jan-Dec
ALAMANCE	19	16	16
ALEXANDER	1	3	2
ALLEGHANY	0	1	1
ANSON	3	5	3
ASHE	0	2	0
AVERY	0	0	1
BEAUFORT	6	5	2
BERTIE	2	1	5
BLADEN	2	5	4
BRUNSWICK	10	6	9
BUNCOMBE	27	12	19
BURKE	1	7	4
CABARRUS	26	35	19
CALDWELL	6	3	2
CAMDEN	0	1	1
CARTERET	3	5	4
CASWELL	2	1	3
CATAWBA	9	16	9
CHATHAM	3	6	3
CHEROKEE	1	2	1
CHOWAN	0	4	2
CLAY	0	0	0
CLEVELAND	15	12	13
COLUMBUS	6	6	6
CRAVEN	10	9	14
CUMBERLAND	78	82	68
CURRITUCK	0	0	3
DARE	3	2	0
DAVIDSON	16	15	11
DAVIE	1	5	1
DUPLIN	5	5	5
DURHAM	66	71	64
EDGECOMBE	12	14	16
FORSYTH	74	70	69
FRANKLIN	8	2	6
GASTON	36	36	40
GATES	0	1	1
GRAHAM	0	0	0
GRANVILLE	5	8	5
GREENE	2	4	1
GUILFORD	94	94	98
HALIFAX	5	7	10
HARNETT	9	18	18
HAYWOOD	3	5	2
HENDERSON	5	8	4
HERTFORD	2	2	3
HOKE	14	10	11
HYDE	0	0	0
IREDELL	13	10	5
JACKSON	1	2	3
JOHNSTON	26	15	24

COUNTY	2022 Jan-Dec	2023 Jan-Dec	2024 Jan-Dec
JONES	0	0	0
LEE	5	7	8
LENOIR	8	7	3
LINCOLN	2	5	5
MACON	0	0	4
MADISON	0	0	0
MARTIN	6	1	0
MCDOWELL	1	1	1
MECKLENBURG	283	272	285
MITCHELL	0	1	0
MONTGOMERY	0	1	4
MOORE	6	8	6
NASH	20	20	19
NEW HANOVER	16	28	32
NORTHAMPTON	4	2	2
ONSLow	15	17	16
ORANGE	5	5	12
PAMLICO	0	2	0
PASQUOTANK	1	4	2
PENDER	4	2	3
PERQUIMANS	1	0	0
PERSON	5	1	4
PITT	30	40	28
POLK	1	0	1
RANDOLPH	9	8	13
RICHMOND	11	4	3
ROBESON	28	26	23
ROCKINGHAM	7	9	6
ROWAN	19	12	7
RUTHERFORD	0	1	5
SAMPSON	10	11	7
SCOTLAND	8	10	5
STANLY	4	4	4
STOKES	1	3	3
SURRY	5	5	2
SWAIN	0	1	1
TRANSYLVANIA	1	2	3
TYRRELL	0	0	0
UNION	16	15	15
VANCE	9	12	4
WAKE	145	142	161
WARREN	0	3	2
WASHINGTON	1	0	3
WATAUGA	1	4	3
WAYNE	16	20	18
WILKES	2	1	3
WILSON	9	14	20
YADKIN	3	2	4
YANCEY	0	1	1
UNASSIGNED*	26	21	33
TOTAL	1,374	1,404	1,395

* 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 February 3, 2025).

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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-Dec	2023 Jan-Dec	2024 Jan-Dec
ALAMANCE	9	6	14
ALEXANDER	1	2	0
ALLEGHANY	0	0	1
ANSON	1	6	1
ASHE	0	1	0
AVERY	0	1	0
BEAUFORT	5	6	0
BERTIE	2	0	3
BLADEN	1	2	0
BRUNSWICK	3	3	3
BUNCOMBE	11	5	7
BURKE	0	2	1
CABARRUS	14	14	18
CALDWELL	5	1	0
CAMDEN	0	0	1
CARTERET	3	1	4
CASWELL	2	1	3
CATAWBA	4	5	4
CHATHAM	0	3	1
CHEROKEE	1	0	0
CHOWAN	0	2	1
CLAY	0	0	0
CLEVELAND	7	9	4
COLUMBUS	5	4	6
CRAVEN	7	2	11
CUMBERLAND	26	35	32
CURRITUCK	0	0	1
DARE	2	1	1
DAVIDSON	5	10	12
DAVIE	0	2	1
DUPLIN	6	3	2
DURHAM	31	33	37
EDGECOMBE	10	5	6
FORSYTH	35	38	46
FRANKLIN	4	3	3
GASTON	13	21	21
GATES	0	0	0
GRAHAM	0	0	0
GRANVILLE	3	4	3
GREENE	1	2	2
GUILFORD	38	33	49
HALIFAX	2	4	2
HARNETT	4	4	8
HAYWOOD	1	5	5
HENDERSON	2	2	2
HERTFORD	1	2	3
HOKE	7	2	2
HYDE	0	0	0
IREDELL	2	2	0
JACKSON	0	1	2
JOHNSTON	10	6	13
JONES	1	1	1
LEE	3	3	3

COUNTY	2022 Jan-Dec	2023 Jan-Dec	2024 Jan-Dec
LENOIR	4	3	1
LINCOLN	1	0	1
MACON	0	0	1
MADISON	0	0	0
MARTIN	3	0	0
MCDOWELL	2	0	0
MECKLENBURG	156	149	146
MITCHELL	0	1	0
MONTGOMERY	1	0	2
MOORE	4	1	6
NASH	5	7	6
NEW HANOVER	3	4	18
NORTHAMPTON	1	2	0
ONSLow	4	6	7
ORANGE	5	3	7
PAMLICO	1	1	0
PASQUOTANK	1	2	3
PENDER	2	1	1
PERQUIMANS	1	0	0
PERSON	3	2	2
PITT	9	15	11
POLK	0	0	2
RANDOLPH	5	6	9
RICHMOND	4	2	0
ROBESON	12	11	13
ROCKINGHAM	0	1	6
ROWAN	11	5	4
RUTHERFORD	0	0	1
SAMPSON	2	5	6
SCOTLAND	4	2	2
STANLY	0	6	2
STOKES	1	1	1
SURRY	1	3	3
SWAIN	0	1	0
TRANSYLVANIA	2	0	2
TYRRELL	0	0	0
UNION	10	7	5
VANCE	3	5	0
WAKE	63	68	72
WARREN	4	1	1
WASHINGTON	1	0	1
WATAUGA	0	1	2
WAYNE	6	12	14
WILKES	0	0	2
WILSON	4	4	4
YADKIN	0	1	2
YANCEY	0	0	0
UNASSIGNED*	8	5	4
TOTAL	635	642	710

* 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 February 3, 2025).