

North Carolina HIV/STD Quarterly Surveillance Report: Vol. 2022, No. 2

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. 2022, No. 2* presents statistics and trends of sexually transmitted diseases (including HIV and AIDS) in North Carolina from January 1 through June 30, 2022. All reports are presented by the **date of diagnosis**. This report is intended as a reference document for local health departments, program managers, health planners, researchers and others who are concerned with the public health implications of these diseases. **The information in this quarterly report is meant to be brief and provide limited data on these diseases throughout the year. More detailed and complete information will continue to be available in annual publications.** This report and our annual publications are available on our website (<https://epi.dph.ncdhhs.gov/cd/stds/figures.html>). The CDC maintains data about these diseases for the United States; national information is available from its website (<http://www.cdc.gov/hiv/library/reports/surveillance/>).



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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 2022. 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, 2022

Gender	Age Group	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2022 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	Unknown	2	0.0	0	0.0					2	0.0
	0-9	1	0.0	0	0.0					1	0.0
	10-14	11	0.1	7	0.1					18	0.1
	15-19	906	5.8	787	5.8					1,693	5.8
	20-24	1,946	12.5	1,695	12.5					3,641	12.5
	25-29	1,019	6.6	926	6.8					1,945	6.7
	30-34	619	4.0	535	3.9					1,154	4.0
	35-39	289	1.9	252	1.9					541	1.9
	40-44	159	1.0	164	1.2					323	1.1
	45-54	154	1.0	103	0.8					257	0.9
	55-64	71	0.5	64	0.5					135	0.5
	65+	16	0.1	19	0.1					35	0.1
Total		5,193	33.5	4,552	33.5					9,745	33.5
Female	Unknown	1	0.0	0	0.0					1	0.0
	0-9	0	0.0	2	0.0					2	0.0
	10-14	86	0.6	76	0.6					162	0.6
	15-19	2,943	19.0	2,517	18.5					5,460	18.8
	20-24	3,994	25.7	3,472	25.6					7,466	25.7
	25-29	1,784	11.5	1,586	11.7					3,370	11.6
	30-34	829	5.3	770	5.7					1,599	5.5
	35-39	360	2.3	307	2.3					667	2.3
	40-44	173	1.1	151	1.1					324	1.1
	45-54	118	0.8	102	0.8					220	0.8
	55-64	35	0.2	32	0.2					67	0.2
	65+	7	0.0	8	0.1					15	0.1
Total		10,330	66.5	9,023	66.5					19,353	66.5
Total ^a	Unknown	3	0.0	0	0.0					3	0.0
	0-9	1	0.0	2	0.0					3	0.0
	10-14	97	0.6	83	0.6					180	0.6
	15-19	3,849	24.8	3,305	24.3					7,154	24.6
	20-24	5,940	38.3	5,167	38.1					11,107	38.2
	25-29	2,803	18.1	2,512	18.5					5,315	18.3
	30-34	1,448	9.3	1,305	9.6					2,753	9.5
	35-39	649	4.2	559	4.1					1,208	4.2
	40-44	332	2.1	315	2.3					647	2.2
	45-54	272	1.8	205	1.5					477	1.6
	55-64	106	0.7	96	0.7					202	0.7
	65+	23	0.1	27	0.2					50	0.2
Total		15,523	100.0	13,576	100.0					29,099	100.0

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

Data Source: North Carolina Electronic Disease Surveillance System (data as of August 1, 2022).

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Table 2. North Carolina Newly Diagnosed Chlamydia Infections by Gender and Race/Ethnicity, 2022

Gender	Race/Ethnicity	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2022 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	American Indian/Alaska Native ^a	32	0.2	51	0.4					83	0.3
	Asian/Pacific Islander ^a	36	0.2	28	0.2					64	0.2
	Black/African American ^a	1,805	11.6	1,831	13.5					3,636	12.5
	Hispanic/Latino	470	3.0	441	3.2					911	3.1
	White/Caucasian ^a	650	4.2	576	4.2					1,226	4.2
	Multiple Race	28	0.2	27	0.2					55	0.2
	Unknown	2,172	14.0	1,598	11.8					3,770	13.0
	Total	5,193	33.5	4,552	33.5					9,745	33.5
Female	American Indian/Alaska Native ^a	128	0.8	130	1.0					258	0.9
	Asian/Pacific Islander ^a	65	0.4	51	0.4					116	0.4
	Black/African American ^a	3,124	20.1	3,009	22.2					6,133	21.1
	Hispanic/Latino	1,186	7.6	1,034	7.6					2,220	7.6
	White/Caucasian ^a	1,647	10.6	1,530	11.3					3,177	10.9
	Multiple Race	57	0.4	61	0.4					118	0.4
	Unknown	4,123	26.6	3,208	23.6					7,331	25.2
	Total	10,330	66.5	9,023	66.5					19,353	66.5
Total ^b	American Indian/Alaska Native ^a	160	1.0	181	1.3					341	1.2
	Asian/Pacific Islander ^a	101	0.7	79	0.6					180	0.6
	Black/African American ^a	4,929	31.8	4,841	35.7					9,770	33.6
	Hispanic/Latino	1,656	10.7	1,475	10.9					3,131	10.8
	White/Caucasian ^a	2,297	14.8	2,106	15.5					4,403	15.1
	Multiple Race	85	0.5	88	0.6					173	0.6
	Unknown	6,295	40.6	4,806	35.4					11,101	38.1
	Total	15,523	100.0	13,576	100.0					29,099	100.0

^aNon-Hispanic/Latino.

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

Data Source: North Carolina Electronic Disease Surveillance System (data as of August 1, 2022).

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Table 3. North Carolina Newly Diagnosed Gonorrhea Infections by Gender and Age, 2022

Gender	Age Group	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2022 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	Unknown	0	0.0	0	0.0					0	0.0
	0-9	1	0.0	0	0.0					1	0.0
	10-14	5	0.1	1	0.0					6	0.1
	15-19	408	6.3	252	7.3					660	6.7
	20-24	967	15.0	497	14.3					1,464	14.8
	25-29	734	11.4	366	10.5					1,100	11.1
	30-34	573	8.9	307	8.8					880	8.9
	35-39	284	4.4	144	4.1					428	4.3
	40-44	198	3.1	101	2.9					299	3.0
	45-54	184	2.9	97	2.8					281	2.8
	55-64	94	1.5	57	1.6					151	1.5
	65+	26	0.4	16	0.5					42	0.4
Total		3,474	53.9	1,838	52.9					5,312	53.5
Female	Unknown	0	0.0	0	0.0					0	0.0
	0-9	0	0.0	0	0.0					0	0.0
	10-14	26	0.4	9	0.3					35	0.4
	15-19	673	10.4	360	10.4					1,033	10.4
	20-24	983	15.2	578	16.6					1,561	15.7
	25-29	598	9.3	343	9.9					941	9.5
	30-34	310	4.8	176	5.1					486	4.9
	35-39	195	3.0	85	2.4					280	2.8
	40-44	97	1.5	45	1.3					142	1.4
	45-54	71	1.1	32	0.9					103	1.0
	55-64	15	0.2	5	0.1					20	0.2
	65+	4	0.1	3	0.1					7	0.1
Total		2,972	46.1	1,636	47.1					4,608	46.5
Total	Unknown	0	0.0	0	0.0					0	0.0
	0-9	1	0.0	0	0.0					1	0.0
	10-14	31	0.5	10	0.3					41	0.4
	15-19	1,081	16.8	612	17.6					1,693	17.1
	20-24	1,950	30.3	1,075	30.9					3,025	30.5
	25-29	1,332	20.7	709	20.4					2,041	20.6
	30-34	883	13.7	483	13.9					1,366	13.8
	35-39	479	7.4	229	6.6					708	7.1
	40-44	295	4.6	146	4.2					441	4.4
	45-54	255	4.0	129	3.7					384	3.9
	55-64	109	1.7	62	1.8					171	1.7
	65+	30	0.5	19	0.5					49	0.5
Total		6,446	100.0	3,474	100.0					9,920	100.0

Data Source: North Carolina Electronic Disease Surveillance System (data as of August 1, 2022).

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Table 4. North Carolina Newly Diagnosed Gonorrhea Infections by Gender and Race/Ethnicity, 2022

Gender	Race/Ethnicity	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2022 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	American Indian/Alaska Native ^a	29	0.4	14	0.4					43	0.4
	Asian/Pacific Islander ^a	13	0.2	11	0.3					24	0.2
	Black/African American ^a	1,696	26.3	918	26.4					2,614	26.4
	Hispanic/Latino	235	3.6	123	3.5					358	3.6
	White/Caucasian ^a	395	6.1	222	6.4					617	6.2
	Multiple Race	29	0.4	14	0.4					43	0.4
	Unknown	1,077	16.7	536	15.4					1,613	16.3
	Total	3,474	53.9	1,838	52.9					5,312	53.5
Female	American Indian/Alaska Native ^a	54	0.8	22	0.6					76	0.8
	Asian/Pacific Islander ^a	10	0.2	5	0.1					15	0.2
	Black/African American ^a	1,270	19.7	741	21.3					2,011	20.3
	Hispanic/Latino	152	2.4	93	2.7					245	2.5
	White/Caucasian ^a	454	7.0	268	7.7					722	7.3
	Multiple Race	28	0.4	20	0.6					48	0.5
	Unknown	1,004	15.6	487	14.0					1,491	15.0
	Total	2,972	46.1	1,636	47.1					4,608	46.5
Total	American Indian/Alaska Native ^a	83	1.3	36	1.0					119	1.2
	Asian/Pacific Islander ^a	23	0.4	16	0.5					39	0.4
	Black/African American ^a	2,966	46.0	1,659	47.8					4,625	46.6
	Hispanic/Latino	387	6.0	216	6.2					603	6.1
	White/Caucasian ^a	849	13.2	490	14.1					1,339	13.5
	Multiple Race	57	0.9	34	1.0					91	0.9
	Unknown	2,081	32.3	1,023	29.4					3,104	31.3
	Total	6,446	100.0	3,474	100.0					9,920	100.0

^aNon-Hispanic/Latino.

Data Source: North Carolina Electronic Disease Surveillance System (data as of August 1, 2022).

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Table 5. North Carolina Newly Diagnosed Early Syphilis (Primary, Secondary, and Early Latent) Infections by Gender and Age, 2022

Gender	Age Group	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2022 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	23	2.3	19	2.1					42	2.2
	20-24	128	12.8	100	10.9					228	11.9
	25-29	174	17.4	118	12.8					292	15.2
	30-34	143	14.3	161	17.5					304	15.8
	35-39	96	9.6	102	11.1					198	10.3
	40-44	60	6.0	69	7.5					129	6.7
	45-54	105	10.5	81	8.8					186	9.7
	55-64	56	5.6	66	7.2					122	6.3
	65+	15	1.5	13	1.4					28	1.5
Total		800	79.8	729	79.2					1,529	79.6
Female	Unknown	0	0.0	0	0.0					0	0.0
	0-9	0	0.0	0	0.0					0	0.0
	10-14	1	0.1	1	0.1					2	0.1
	15-19	15	1.5	11	1.2					26	1.4
	20-24	38	3.8	33	3.6					71	3.7
	25-29	38	3.8	40	4.3					78	4.1
	30-34	41	4.1	31	3.4					72	3.7
	35-39	23	2.3	27	2.9					50	2.6
	40-44	18	1.8	13	1.4					31	1.6
	45-54	11	1.1	25	2.7					36	1.9
	55-64	15	1.5	9	1.0					24	1.2
	65+	2	0.2	1	0.1					3	0.2
Total		202	20.2	191	20.8					393	20.4
Total	Unknown	0	0.0	0	0.0					0	0.0
	0-9	0	0.0	0	0.0					0	0.0
	10-14	1	0.1	1	0.1					2	0.1
	15-19	38	3.8	30	3.3					68	3.5
	20-24	166	16.6	133	14.5					299	15.6
	25-29	212	21.2	158	17.2					370	19.3
	30-34	184	18.4	192	20.9					376	19.6
	35-39	119	11.9	129	14.0					248	12.9
	40-44	78	7.8	82	8.9					160	8.3
	45-54	116	11.6	106	11.5					222	11.6
	55-64	71	7.1	75	8.2					146	7.6
	65+	17	1.7	14	1.5					31	1.6
Total		1,002	100.0	920	100.0					1,922	100.0

Data Source: North Carolina Electronic Disease Surveillance System (data as of August 1, 2022).

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Table 6. North Carolina Newly Diagnosed Early Syphilis (Primary, Secondary, and Early Latent) Infections by Gender and Race/Ethnicity, 2022

Gender	Race/Ethnicity	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2022 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	American Indian/Alaska Native ^a	8	0.8	3	0.3					11	0.6
	Asian/Pacific Islander ^a	9	0.9	5	0.5					14	0.7
	Black/African American ^a	436	43.5	422	45.9					858	44.6
	Hispanic/Latino	102	10.2	84	9.1					186	9.7
	White/Caucasian ^a	190	19.0	178	19.3					368	19.1
	Multiple Race	31	3.1	21	2.3					52	2.7
	Unknown	24	2.4	16	1.7					40	2.1
	Total	800	79.8	729	79.2					1,529	79.6
Female	American Indian/Alaska Native ^a	3	0.3	3	0.3					6	0.3
	Asian/Pacific Islander ^a	0	0.0	2	0.2					2	0.1
	Black/African American ^a	89	8.9	83	9.0					172	8.9
	Hispanic/Latino	22	2.2	14	1.5					36	1.9
	White/Caucasian ^a	71	7.1	76	8.3					147	7.6
	Multiple Race	11	1.1	6	0.7					17	0.9
	Unknown	6	0.6	7	0.8					13	0.7
	Total	202	20.2	191	20.8					393	20.4
Total ^c	American Indian/Alaska Native ^a	11	1.1	6	0.7					17	0.9
	Asian/Pacific Islander ^a	9	0.9	7	0.8					16	0.8
	Black/African American ^a	525	52.4	505	54.9					1,030	53.6
	Hispanic/Latino	124	12.4	98	10.7					222	11.6
	White/Caucasian ^a	261	26.0	254	27.6					515	26.8
	Multiple Race	42	4.2	27	2.9					69	3.6
	Unknown	30	3.0	23	2.5					53	2.8
	Total	1,002	100.0	920	100.0					1,922	100.0

^aNon-Hispanic/Latino.

Data Source: North Carolina Electronic Disease Surveillance System (data as of August 1, 2022).

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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, 2020-2022

COUNTY	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2020 Jan-Jun	2021 Jan-Jun	2022 Jan-Jun	2020 Jan-Jun	2021 Jan-Jun	2022 Jan-Jun	2020 Jan-Jun	2021 Jan-Jun	2022 Jan-Jun	2020 Jan-Jun	2021 Jan-Jun	2022 Jan-Jun
ALAMANCE	444	534	400	142	256	145	16	20	30	10	4	22
ALEXANDER	46	42	34	28	19	2	1	1	1	0	0	0
ALLEGHANY	9	8	4	1	3	2	0	0	0	0	0	0
ANSON	96	95	100	41	47	38	0	3	2	0	3	3
ASHE	18	28	14	6	15	1	0	1	2	0	0	0
AVERY	17	15	8	3	1	2	0	0	1	0	0	1
BEAUFORT	176	155	111	68	79	48	1	1	3	0	0	2
BERTIE	64	64	70	24	44	22	3	1	5	1	2	2
BLADEN	96	66	73	47	46	33	1	3	3	1	0	3
BRUNSWICK	190	196	170	50	66	43	1	5	5	2	1	7
BUNCOMBE	569	530	492	286	244	158	11	15	17	9	11	11
BURKE	140	160	103	60	50	28	5	7	9	0	4	7
CABARRUS	579	659	622	169	219	172	5	11	12	7	9	13
CALDWELL	148	135	142	84	42	34	1	5	6	3	1	4
CAMDEN	10	14	2	2	5	3	0	0	0	0	1	0
CARTERET	96	88	85	24	29	17	2	0	2	0	1	2
CASWELL	42	31	47	12	33	16	0	1	2	0	1	0
CATAWBA	336	352	289	102	111	81	12	3	18	4	4	10
CHATHAM	89	108	109	24	30	16	1	2	1	0	1	0
CHEROKEE	21	20	22	10	6	0	0	0	2	0	0	0
CHOWAN	42	45	29	10	24	14	0	1	1	0	0	0
CLAY	7	12	11	6	3	0	1	0	0	0	0	0
CLEVELAND	333	409	293	144	168	120	2	8	12	4	2	10
COLUMBUS	129	161	145	38	82	60	1	4	3	1	3	4
CRAVEN	330	295	191	92	119	50	1	1	4	2	5	5
CUMBERLAND	2,102	2,108	1,820	775	938	645	28	34	53	36	30	45
CURRITUCK	28	26	4	8	10	1	0	0	0	0	2	0
DARE	37	29	42	14	10	4	0	1	1	1	0	1
DAVIDSON	333	379	362	193	212	125	7	11	9	3	5	13
DAVIE	58	59	8	18	16	3	0	1	3	0	1	1
DUPLIN	151	188	192	44	51	48	2	2	7	3	0	4
DURHAM	1,178	1,202	1,207	582	542	389	52	49	80	36	27	38
EDGECOMBE	334	284	336	204	165	151	2	3	13	3	3	7
FORSYTH	1,399	1,431	723	633	845	268	19	35	48	11	10	28
FRANKLIN	159	158	80	77	59	33	2	2	4	2	5	4
GASTON	713	812	682	327	375	272	16	16	21	13	15	18
GATES	35	16	1	7	5	0	1	0	0	0	0	1
GRAHAM	15	4	7	0	2	1	0	0	0	0	0	0
GRANVILLE	161	157	159	73	71	74	2	2	2	1	3	2
GREENE	92	71	52	35	29	22	1	2	3	0	3	3
GUILFORD	2,119	2,181	1,972	933	1,191	683	46	87	94	40	61	69
HALIFAX	242	246	252	127	151	56	7	3	3	5	2	2
HARNETT	349	395	345	141	152	91	1	8	10	2	10	12
HAYWOOD	75	76	65	41	22	8	3	2	3	0	0	3
HENDERSON	162	153	126	85	51	32	2	8	4	1	3	2
HERTFORD	121	91	73	39	45	26	0	0	1	1	0	3
HOKE	185	248	207	74	96	84	0	3	12	1	4	8
HYDE	5	5	8	2	2	2	0	0	0	0	0	0
IREDELL	301	377	317	161	159	128	3	7	10	7	3	5
JACKSON	96	116	95	28	28	9	0	0	1	0	0	0
JOHNSTON	426	473	425	163	170	149	9	15	21	5	10	11
JONES	23	28	21	6	16	10	0	0	0	0	0	0

Continued

Data Source: North Carolina Electronic Disease Surveillance System (data as of August 1, 2022).

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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, 2020-2022

COUNTY	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2020 Jan-Jun	2021 Jan-Jun	2022 Jan-Jun	2020 Jan-Jun	2021 Jan-Jun	2022 Jan-Jun	2020 Jan-Jun	2021 Jan-Jun	2022 Jan-Jun	2020 Jan-Jun	2021 Jan-Jun	2022 Jan-Jun
LEE	156	163	177	53	79	49	4	1	1	3	2	4
LENOIR	270	299	300	127	144	125	2	4	7	3	1	9
LINCOLN	165	137	138	58	39	41	2	4	3	2	0	2
MACON	37	45	33	16	18	5	0	1	2	0	0	0
MADISON	22	28	32	10	5	6	0	1	3	0	0	0
MARTIN	81	82	92	30	34	25	1	1	0	4	0	0
MCDOWELL	73	59	60	40	26	30	3	2	12	2	2	6
MECKLENBURG	4,425	4,937	4,729	1,885	2,315	1,744	131	191	203	123	172	156
MITCHELL	16	10	12	4	6	4	0	1	0	0	0	0
MONTGOMERY	56	67	57	23	42	25	0	1	0	1	2	0
MOORE	152	211	171	39	84	56	2	7	3	3	1	4
NASH	335	362	324	256	237	163	7	4	20	6	6	12
NEW HANOVER	456	612	514	127	178	114	6	11	20	8	8	11
NORTHAMPTON	72	75	41	33	33	6	0	1	4	0	0	2
ONSLOW	1,073	1,003	886	224	218	209	7	5	4	10	6	9
ORANGE	291	362	332	77	85	77	7	7	9	5	2	8
PAMLICO	19	20	13	12	8	6	1	0	0	0	0	0
PASQUOTANK	164	132	107	52	80	42	0	1	0	2	1	0
PENDER	89	83	74	25	20	26	1	2	0	1	1	1
PERQUIMANS	31	24	12	13	16	12	0	0	0	0	1	1
PERSON	108	158	99	27	77	48	2	2	2	2	2	0
PITT	932	929	1,025	381	413	391	6	14	26	6	10	22
POLK	19	21	18	2	7	5	3	0	0	0	0	0
RANDOLPH	293	273	249	93	110	49	1	2	5	4	1	11
RICHMOND	186	206	158	69	108	85	1	2	10	0	0	6
ROBESON	606	640	621	312	360	264	5	6	25	3	11	13
ROCKINGHAM	171	198	186	89	91	47	5	4	2	2	3	2
ROWAN	388	379	372	173	151	111	6	9	12	2	3	13
RUTHERFORD	120	148	104	53	84	68	0	5	9	1	2	4
SAMPSON	160	173	177	54	56	55	1	3	7	3	3	6
SCOTLAND	144	141	147	49	67	56	0	3	0	4	1	2
STANLY	108	154	115	47	59	42	0	1	3	2	1	0
STOKES	48	57	34	19	24	15	0	3	1	0	0	0
SURRY	84	101	103	38	53	28	2	0	4	0	0	1
SWAIN	33	29	21	13	14	14	0	0	0	0	0	0
TRANSYLVANIA	39	38	30	11	10	6	1	2	0	0	1	1
TYRRELL	5	6	3	2	1	5	0	0	0	0	0	0
UNION	441	493	465	124	152	121	8	2	14	9	4	9
VANCE	219	234	237	99	118	159	10	6	9	2	4	3
WAKE	2,793	2,849	2,462	958	1,145	777	92	95	103	66	75	85
WARREN	50	53	52	24	35	17	1	2	3	0	0	1
WASHINGTON	35	41	51	10	18	21	0	1	0	1	0	0
WATAUGA	107	72	154	16	4	16	0	2	1	0	0	2
WAYNE	380	499	429	125	194	119	13	6	17	8	4	6
WILKES	94	97	78	18	52	30	0	5	2	0	0	2
WILSON	382	446	408	234	217	163	7	9	11	4	10	18
YADKIN	55	35	39	8	13	19	1	2	2	0	0	1
YANCEY	14	13	11	1	3	5	0	0	0	0	0	0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	30,923	32,729	29,099	12,416	14,457	9,920	607	815	1,103	507	590	819

Data Source: North Carolina Electronic Disease Surveillance System (data as of August 1, 2022).

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Table 8. North Carolina Newly Diagnosed HIV Infections by County of Residence at Time of Diagnosis, 2020-2022

COUNTY	2020 Jan-Jun	2021 Jan-Jun	2022 Jan-Jun
ALAMANCE	5	11	8
ALEXANDER	1	0	1
ALLEGHANY	0	2	0
ANSON	0	0	2
ASHE	0	0	0
AVERY	1	0	0
BEAUFORT	4	2	5
BERTIE	2	3	1
BLADEN	1	2	0
BRUNSWICK	2	3	2
BUNCOMBE	4	8	14
BURKE	3	5	1
CABARRUS	8	12	10
CALDWELL	0	1	2
CAMDEN	0	1	0
CARTERET	3	1	2
CASWELL	1	1	2
CATAWBA	3	3	6
CHATHAM	0	3	2
CHEROKEE	1	0	1
CHOWAN	0	1	0
CLAY	0	0	0
CLEVELAND	5	3	4
COLUMBUS	2	0	2
Craven	2	5	6
CUMBERLAND	34	36	38
CURRITUCK	1	0	0
DARE	0	0	2
DAVIDSON	6	1	10
DAVIE	0	2	0
DUPLIN	0	3	1
DURHAM	26	25	36
EDGECOMBE	3	5	6
FORSYTH	18	32	36
FRANKLIN	2	4	5
GASTON	17	18	17
GATES	1	1	0
GRAHAM	0	0	0
GRANVILLE	1	3	2
GREENE	1	1	0
GUILFORD	49	74	60
HALIFAX	6	2	2
HARNETT	5	5	2
HAYWOOD	1	1	1
HENDERSON	2	8	1
HERTFORD	1	1	1
HOKE	4	7	7
HYDE	0	0	0
IREDELL	8	10	7
JACKSON	0	0	0
JOHNSTON	7	5	13

COUNTY	2020 Jan-Jun	2021 Jan-Jun	2022 Jan-Jun
JONES	0	1	0
LEE	1	0	2
LENOIR	3	4	3
LINCOLN	2	2	1
MACON	4	0	0
MADISON	0	0	0
MARTIN	2	4	5
MCDOWELL	0	0	0
MECKLENBURG	89	149	136
MITCHELL	0	1	0
MONTGOMERY	3	0	0
MOORE	3	2	1
NASH	5	11	13
NEW HANOVER	11	20	10
NORTHAMPTON	0	0	1
ONslow	12	4	9
ORANGE	5	4	3
PAMLICO	0	2	0
PASQUOTANK	4	2	2
PENDER	3	2	1
PERQUIMANS	0	0	0
PERSON	0	3	3
PITT	5	14	18
POLK	2	0	0
RANDOLPH	4	5	6
RICHMOND	2	3	3
ROBESON	10	9	11
ROCKINGHAM	1	1	2
ROWAN	4	10	7
RUTHERFORD	0	1	0
SAMPSON	3	3	3
SCOTLAND	6	2	4
STANLY	1	2	1
STOKES	1	1	0
SURRY	3	0	1
SWAIN	0	0	0
TRANSYLVANIA	0	1	0
TYRRELL	0	0	0
UNION	6	4	7
VANCE	3	4	6
WAKE	66	81	93
WARREN	3	1	0
WASHINGTON	3	1	1
WATAUGA	0	0	1
WAYNE	3	10	6
WILKES	2	1	0
WILSON	8	4	4
YADKIN	2	0	2
YANCEY	0	0	0
UNASSIGNED*	7	9	16
TOTAL	533	689	700

* 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 1, 2022).

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Table 9. North Carolina Newly Diagnosed AIDS (HIV Infection Stage 3) Cases by County of Residence at Time of Diagnosis, 2020-2022

COUNTY	2020 Jan-Jun	2021 Jan-Jun	2022 Jan-Jun
ALAMANCE	2	10	5
ALEXANDER	1	1	0
ALLEGHANY	0	2	0
ANSON	0	0	0
ASHE	0	0	0
AVERY	0	0	0
BEAUFORT	1	3	5
BERTIE	1	0	1
BLADEN	1	1	0
BRUNSWICK	0	1	0
BUNCOMBE	3	4	6
BURKE	1	1	0
CABARRUS	0	2	8
CALDWELL	1	0	1
CAMDEN	0	1	0
CARTERET	1	0	2
CASWELL	0	0	2
CATAWBA	3	2	3
CHATHAM	0	0	0
CHEROKEE	0	0	1
CHOWAN	0	0	0
CLAY	0	0	0
CLEVELAND	2	1	3
COLUMBUS	1	1	3
CRAVEN	3	1	3
CUMBERLAND	28	23	14
CURRITUCK	1	0	0
DARE	0	0	1
DAVIDSON	4	1	3
DAVIE	0	2	0
DUPLIN	2	2	2
DURHAM	12	21	11
EDGECOMBE	5	2	7
FORSYTH	13	15	20
FRANKLIN	1	3	3
GASTON	4	1	5
GATES	0	0	0
GRAHAM	0	0	0
GRANVILLE	1	2	2
GREENE	0	1	0
GUILFORD	15	12	16
HALIFAX	1	3	1
HARNETT	4	0	0
HAYWOOD	1	1	0
HENDERSON	0	2	1
HERTFORD	3	1	0
HOKE	2	3	6
HYDE	0	0	0
IREDELL	3	3	0
JACKSON	0	0	0
JOHNSTON	5	1	3
JONES	0	0	0
LEE	0	2	1

COUNTY	2020 Jan-Jun	2021 Jan-Jun	2022 Jan-Jun
LENOIR	3	0	0
LINCOLN	0	0	0
MACON	2	1	0
MADISON	0	0	0
MARTIN	1	3	3
MCDOWELL	0	0	1
MECKLENBURG	44	33	71
MITCHELL	1	1	0
MONTGOMERY	0	1	0
MOORE	1	3	0
NASH	3	5	3
NEW HANOVER	3	3	1
NORTHAMPTON	0	0	0
ONSLow	4	5	1
ORANGE	0	1	1
PAMLICO	0	1	1
PASQUOTANK	2	1	1
PENDER	2	2	1
PERQUIMANS	0	0	0
PERSON	1	1	1
PITT	6	9	4
POLK	0	0	0
RANDOLPH	0	0	2
RICHMOND	3	3	2
ROBESON	8	6	6
ROCKINGHAM	1	0	0
ROWAN	1	2	7
RUTHERFORD	1	1	0
SAMPSON	3	3	1
SCOTLAND	1	2	4
STANLY	1	2	0
STOKES	0	0	0
SURRY	2	0	1
SWAIN	0	0	0
TRANSYLVANIA	0	0	1
TYRRELL	0	0	0
UNION	3	1	4
VANCE	2	2	2
WAKE	25	36	35
WARREN	1	0	3
WASHINGTON	3	0	1
WATAUGA	0	0	0
WAYNE	2	2	2
WILKES	0	0	0
WILSON	3	3	2
YADKIN	1	0	0
YANCEY	0	0	0
UNASSIGNED*	5	0	3
TOTAL	265	265	304

* 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 1, 2022).