

North Carolina HIV/STD Quarterly Surveillance Report: Vol. 2020, No. 1

HIV/STD Surveillance Unit

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ANNOUNCEMENTS:

Readers should consider the data in this report to be *preliminary*. These data represent reports for short time periods and changes noted from quarter to quarter may not be meaningful. Some cases listed in this report are considered presumptive; their status may change as case investigation continues.

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

About the authors

North Carolina law requires that diagnoses of certain communicable diseases, including sexually transmitted diseases (STDs), be reported to local health departments that in turn report the information to the state. The HIV/STD Surveillance Unit (HSSU) is the designated recipient for STD morbidity reports at the state level and is responsible for aggregating reports and providing statewide information about these diseases to others, including the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia. The HSSU is part of the Communicable Disease Branch within the North Carolina Division of Public Health.

About the contents of this report

The *North Carolina HIV/STD Surveillance Report: Vol. 2020, No. 1* presents statistics and trends of sexually transmitted diseases (including HIV and AIDS) in North Carolina from January 1 through March 31, 2020. 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 2020. 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, 2020

Gender	Age Group	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2020 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	Unknown	6	0.0							6	0.0
	0-9	0	0.0							0	0.0
	10-14	4	0.0							4	0.0
	15-19	938	6.1							938	6.1
	20-24	1,903	12.4							1,903	12.4
	25-29	1,031	6.7							1,031	6.7
	30-34	488	3.2							488	3.2
	35-39	291	1.9							291	1.9
	40-44	146	0.9							146	0.9
	45-54	155	1.0							155	1.0
	55-64	55	0.4							55	0.4
	65+	10	0.1							10	0.1
Total		5,027	32.7							5,027	32.7
Female	Unknown	1	0.0							1	0.0
	0-9	3	0.0							3	0.0
	10-14	94	0.6							94	0.6
	15-19	3,277	21.3							3,277	21.3
	20-24	3,857	25.1							3,857	25.1
	25-29	1,785	11.6							1,785	11.6
	30-34	739	4.8							739	4.8
	35-39	309	2.0							309	2.0
	40-44	146	0.9							146	0.9
	45-54	108	0.7							108	0.7
	55-64	26	0.2							26	0.2
	65+	7	0.0							7	0.0
Total		10,352	67.3							10,352	67.3
Total	Unknown	7	0.0							7	0.0
	0-9	3	0.0							3	0.0
	10-14	98	0.6							98	0.6
	15-19	4,215	27.4							4,215	27.4
	20-24	5,760	37.5							5,760	37.5
	25-29	2,816	18.3							2,816	18.3
	30-34	1,227	8.0							1,227	8.0
	35-39	600	3.9							600	3.9
	40-44	292	1.9							292	1.9
	45-54	263	1.7							263	1.7
	55-64	81	0.5							81	0.5
	65+	17	0.1							17	0.1
Total		15,379	100.0							15,379	100.0

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 4, 2020).

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Table 2. North Carolina Newly Diagnosed Chlamydia Infections by Gender and Race/Ethnicity, 2020

Gender	Race/Ethnicity	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2020 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	American Indian/Alaska Native ^a	43	0.3							43	0.3
	Asian/Pacific Islander ^a	11	0.1							11	0.1
	Black/African American ^a	1,626	10.6							1,626	10.6
	Hispanic/Latino	324	2.1							324	2.1
	White/Caucasian ^a	642	4.2							642	4.2
	Multiple Race	20	0.1							20	0.1
	Unknown	2,361	15.4							2,361	15.4
	Total	5,027	32.7							5,027	32.7
Female	American Indian/Alaska Native ^a	122	0.8							122	0.8
	Asian/Pacific Islander ^a	60	0.4							60	0.4
	Black/African American ^a	3,130	20.4							3,130	20.4
	Hispanic/Latino	778	5.1							778	5.1
	White/Caucasian ^a	1,953	12.7							1,953	12.7
	Multiple Race	34	0.2							34	0.2
	Unknown	4,275	27.8							4,275	27.8
	Total	10,352	67.3							10,352	67.3
Total	American Indian/Alaska Native ^a	165	1.1							165	1.1
	Asian/Pacific Islander ^a	71	0.5							71	0.5
	Black/African American ^a	4,756	30.9							4,756	30.9
	Hispanic/Latino	1,102	7.2							1,102	7.2
	White/Caucasian ^a	2,595	16.9							2,595	16.9
	Multiple Race	54	0.4							54	0.4
	Unknown	6,636	43.1							6,636	43.1
	Total	15,379	100.0							15,379	100.0

^aNon-Hispanic/Latino.

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 4, 2020).

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Table 3. North Carolina Newly Diagnosed Gonorrhea Infections by Gender and Age, 2020

Gender	Age Group	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2020 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	Unknown	0	0.0							0	0.0
	0-9	0	0.0							0	0.0
	10-14	2	0.0							2	0.0
	15-19	293	5.8							293	5.8
	20-24	752	14.9							752	14.9
	25-29	591	11.7							591	11.7
	30-34	363	7.2							363	7.2
	35-39	236	4.7							236	4.7
	40-44	152	3.0							152	3.0
	45-54	162	3.2							162	3.2
	55-64	71	1.4							71	1.4
	65+	18	0.4							18	0.4
Total		2,640	52.3							2,640	52.3
Female	Unknown	0	0.0							0	0.0
	0-9	0	0.0							0	0.0
	10-14	16	0.3							16	0.3
	15-19	562	11.1							562	11.1
	20-24	776	15.4							776	15.4
	25-29	488	9.7							488	9.7
	30-34	288	5.7							288	5.7
	35-39	143	2.8							143	2.8
	40-44	65	1.3							65	1.3
	45-54	52	1.0							52	1.0
	55-64	18	0.4							18	0.4
	65+	3	0.1							3	0.1
Total		2,411	47.7							2,411	47.7
Total	Unknown	0	0.0							0	0.0
	0-9	0	0.0							0	0.0
	10-14	18	0.4							18	0.4
	15-19	855	16.9							855	16.9
	20-24	1,528	30.3							1,528	30.3
	25-29	1,079	21.4							1,079	21.4
	30-34	651	12.9							651	12.9
	35-39	379	7.5							379	7.5
	40-44	217	4.3							217	4.3
	45-54	214	4.2							214	4.2
	55-64	89	1.8							89	1.8
	65+	21	0.4							21	0.4
Total		5,051	100.0							5,051	100.0

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 4, 2020).

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Table 4. North Carolina Newly Diagnosed Gonorrhea Infections by Gender and Race/Ethnicity, 2020

Gender	Race/Ethnicity	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2020 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	American Indian/Alaska Native ^a	18	0.4							18	0.4
	Asian/Pacific Islander ^a	3	0.1							3	0.1
	Black/African American ^a	1,252	24.8							1,252	24.8
	Hispanic/Latino	95	1.9							95	1.9
	White/Caucasian ^a	280	5.5							280	5.5
	Multiple Race	9	0.2							9	0.2
	Unknown	983	19.5							983	19.5
	Total	2,640	52.3							2,640	52.3
Female	American Indian/Alaska Native ^a	31	0.6							31	0.6
	Asian/Pacific Islander ^a	5	0.1							5	0.1
	Black/African American ^a	943	18.7							943	18.7
	Hispanic/Latino	75	1.5							75	1.5
	White/Caucasian ^a	480	9.5							480	9.5
	Multiple Race	10	0.2							10	0.2
	Unknown	867	17.2							867	17.2
	Total	2,411	47.7							2,411	47.7
Total	American Indian/Alaska Native ^a	49	1.0							49	1.0
	Asian/Pacific Islander ^a	8	0.2							8	0.2
	Black/African American ^a	2,195	43.5							2,195	43.5
	Hispanic/Latino	170	3.4							170	3.4
	White/Caucasian ^a	760	15.0							760	15.0
	Multiple Race	19	0.4							19	0.4
	Unknown	1,850	36.6							1,850	36.6
	Total	5,051	100.0							5,051	100.0

^aNon-Hispanic/Latino.

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 4, 2020).

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Table 5. North Carolina Newly Diagnosed Early Syphilis (Primary, Secondary, and Early Latent) Infections by Gender and Age, 2020

Gender	Age Group	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2020 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	Unknown	0	0.0							0	0.0
	0-9	0	0.0							0	0.0
	10-14	0	0.0							0	0.0
	15-19	14	2.4							14	2.4
	20-24	56	9.4							56	9.4
	25-29	101	17.0							101	17.0
	30-34	93	15.7							93	15.7
	35-39	68	11.4							68	11.4
	40-44	53	8.9							53	8.9
	45-54	64	10.8							64	10.8
	55-64	38	6.4							38	6.4
	65+	8	1.3							8	1.3
	Total		495	83.3							495
Female	Unknown	0	0.0							0	0.0
	0-9	0	0.0							0	0.0
	10-14	1	0.2							1	0.2
	15-19	8	1.3							8	1.3
	20-24	21	3.5							21	3.5
	25-29	20	3.4							20	3.4
	30-34	13	2.2							13	2.2
	35-39	15	2.5							15	2.5
	40-44	14	2.4							14	2.4
	45-54	4	0.7							4	0.7
	55-64	3	0.5							3	0.5
	65+	0	0.0							0	0.0
	Total		99	16.7							99
Total	Unknown	0	0.0							0	0.0
	0-9	0	0.0							0	0.0
	10-14	1	0.2							1	0.2
	15-19	22	3.7							22	3.7
	20-24	77	13.0							77	13.0
	25-29	121	20.4							121	20.4
	30-34	106	17.8							106	17.8
	35-39	83	14.0							83	14.0
	40-44	67	11.3							67	11.3
	45-54	68	11.4							68	11.4
	55-64	41	6.9							41	6.9
	65+	8	1.3							8	1.3
	Total		594	100.0							594

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 4, 2020).

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Table 6. North Carolina Newly Diagnosed Early Syphilis (Primary, Secondary, and Early Latent) Infections by Gender and Race/Ethnicity, 2020

Gender	Race/Ethnicity	1st Qtr (Jan - Mar)		2nd Qtr (Apr - Jun)		3rd Qtr (July - Sept)		4th Qtr (Oct - Dec)		2020 Total	
		Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	American Indian/Alaska Native ^a	1	0.2							1	0.2
	Asian/Pacific Islander ^a	2	0.3							2	0.3
	Black/African American ^a	285	48.0							285	48.0
	Hispanic/Latino	39	6.6							39	6.6
	White/Caucasian ^a	132	22.2							132	22.2
	Multiple Race	11	1.9							11	1.9
	Unknown	25	4.2							25	4.2
	Total	495	83.3							495	83.3
Female	American Indian/Alaska Native ^a	0	0.0							0	0.0
	Asian/Pacific Islander ^a	1	0.2							1	0.2
	Black/African American ^a	60	10.1							60	10.1
	Hispanic/Latino	9	1.5							9	1.5
	White/Caucasian ^a	24	4.0							24	4.0
	Multiple Race	1	0.2							1	0.2
	Unknown	4	0.7							4	0.7
	Total	99	16.7							99	16.7
Total ^c	American Indian/Alaska Native ^a	1	0.2							1	0.2
	Asian/Pacific Islander ^a	3	0.5							3	0.5
	Black/African American ^a	345	58.1							345	58.1
	Hispanic/Latino	48	8.1							48	8.1
	White/Caucasian ^a	156	26.3							156	26.3
	Multiple Race	12	2.0							12	2.0
	Unknown	29	4.9							29	4.9
	Total	594	100.0							594	100.0

^aNon-Hispanic/Latino.

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 4, 2020).

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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, 2018-2020

COUNTY	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2018 Jan-Mar	2019 Jan-Mar	2020 Jan-Mar	2018 Jan-Mar	2019 Jan-Mar	2020 Jan-Mar	2018 Jan-Mar	2019 Jan-Mar	2020 Jan-Mar	2018 Jan-Mar	2019 Jan-Mar	2020 Jan-Mar
ALAMANCE	224	279	225	64	65	46	3	2	6	2	5	6
ALEXANDER	18	16	23	5	11	7	0	0	1	0	0	0
ALLEGHANY	9	7	2	1	0	1	0	0	0	0	0	0
ANSON	52	61	57	20	18	18	0	1	0	0	2	0
ASHE	11	7	14	1	2	5	0	0	0	0	0	0
AVERY	7	9	13	2	2	1	1	0	0	0	0	0
BEAUFORT	69	71	83	16	27	29	0	0	0	1	0	0
BERTIE	48	42	37	14	13	9	0	0	0	0	1	0
BLADEN	36	37	45	20	24	22	1	0	0	1	0	1
BRUNSWICK	108	129	107	29	59	20	0	1	0	3	4	2
BUNCOMBE	281	273	320	93	99	146	3	16	2	3	2	5
BURKE	81	95	72	44	44	30	0	0	1	0	0	0
CABARRUS	250	315	316	69	69	82	1	4	3	1	1	2
CALDWELL	57	86	81	34	57	39	1	0	0	1	0	0
CAMDEN	5	10	5	2	3	1	0	0	0	0	0	0
CARTERET	63	65	56	13	13	12	1	1	1	0	2	0
CASWELL	23	26	26	5	5	4	1	2	0	0	0	0
CATAWBA	159	190	160	74	85	40	6	2	6	4	0	0
CHATHAM	47	57	42	10	11	11	0	0	0	0	0	0
CHEROKEE	14	12	13	1	4	4	0	0	0	0	0	0
CHOWAN	15	14	12	13	12	3	0	2	0	0	0	0
CLAY	4	5	2	0	1	5	0	0	1	0	0	0
CLEVELAND	150	167	166	88	87	60	1	0	1	3	1	2
COLUMBUS	64	87	58	30	50	12	0	1	0	0	1	0
CRAVEN	192	203	157	52	56	51	1	2	1	4	0	2
CUMBERLAND	986	1,100	858	351	403	343	7	9	9	14	16	19
CURRITUCK	25	11	8	3	4	3	0	0	0	0	0	0
DARE	27	19	19	10	4	6	0	0	0	0	0	0
DAVIDSON	163	153	165	60	86	73	1	1	3	0	2	3
DAVIE	27	41	21	11	12	6	1	0	0	0	2	0
DUPLIN	69	93	82	20	32	21	1	0	1	3	0	1
DURHAM	720	734	461	249	298	166	21	28	27	18	22	21
EDGECOMBE	111	136	167	52	65	82	0	0	1	0	2	2
FORSYTH	705	805	617	273	351	225	13	17	12	13	12	8
FRANKLIN	75	86	69	37	39	26	0	0	2	0	2	2
GASTON	382	384	386	150	144	145	6	3	10	6	2	6
GATES	13	9	13	2	1	3	0	0	0	0	0	0
GRAHAM	4	7	8	2	1	0	0	0	0	0	0	0
GRANVILLE	111	109	91	35	37	35	0	1	1	1	2	0
GREENE	34	44	39	16	19	16	0	0	0	0	0	0
GUILFORD	1,419	1,413	1,044	492	499	340	24	14	19	19	23	21
HALIFAX	128	134	75	38	56	32	0	0	7	3	1	1
HARNETT	177	211	161	58	68	54	1	0	0	2	2	2
HAYWOOD	36	44	40	6	20	22	0	0	0	0	0	0
HENDERSON	75	100	86	27	33	34	2	1	2	0	0	1
HERTFORD	41	59	47	17	23	9	0	1	0	0	2	1
HOKE	92	95	61	27	50	28	1	0	0	2	3	1
HYDE	5	1	3	1	1	0	0	0	0	0	0	0
IREDELL	202	198	153	52	55	73	3	2	2	0	0	4
JACKSON	47	62	49	17	14	8	0	0	0	0	0	0
JOHNSTON	220	233	223	81	66	79	3	2	4	0	4	4
JONES	13	15	10	2	9	3	0	0	0	0	0	0

Continued

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 4, 2020).

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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, 2018-2020

COUNTY	CHLAMYDIA			GONORRHEA			P. & S. SYPHILIS			E. L. SYPHILIS		
	2018 Jan-Mar	2019 Jan-Mar	2020 Jan-Mar	2018 Jan-Mar	2019 Jan-Mar	2020 Jan-Mar	2018 Jan-Mar	2019 Jan-Mar	2020 Jan-Mar	2018 Jan-Mar	2019 Jan-Mar	2020 Jan-Mar
LEE	72	83	85	17	16	25	0	1	3	1	0	1
LENOIR	120	143	151	49	56	52	0	3	2	1	1	1
LINCOLN	69	84	86	21	17	27	2	1	2	2	0	2
MACON	34	20	13	8	5	7	1	0	0	1	0	0
MADISON	25	18	14	6	2	4	1	0	0	0	0	0
MARTIN	45	55	34	18	13	11	1	0	1	0	2	3
MCDOWELL	27	47	42	11	18	15	1	0	3	2	0	1
MECKLENBURG	2,252	2,459	2,487	740	767	831	70	61	79	51	63	69
MITCHELL	9	9	11	2	1	0	0	0	0	0	0	0
MONTGOMERY	41	20	22	5	8	7	0	0	0	1	0	1
MOORE	94	100	86	27	31	18	0	0	3	0	2	0
NASH	160	171	158	66	96	108	1	4	5	3	3	4
NEW HANOVER	309	369	284	91	116	69	8	5	3	6	3	4
NORTHAMPTON	39	44	22	16	17	9	0	1	0	0	0	0
ONSLow	547	615	579	93	133	106	8	2	5	2	3	7
ORANGE	193	176	181	48	39	40	4	3	7	2	4	4
PAMLICO	9	7	8	0	3	5	0	0	0	0	0	0
PASQUOTANK	75	67	84	34	49	13	1	0	0	0	1	1
PENDER	46	55	44	15	12	11	1	0	0	1	0	0
PERQUIMANS	12	18	15	9	11	4	0	0	0	0	0	0
PERSON	50	48	66	21	13	12	0	1	2	0	0	2
PITT	490	624	498	164	189	163	4	6	2	5	5	4
POLK	11	9	13	1	5	2	1	0	1	0	0	0
RANDOLPH	115	136	153	55	38	29	1	0	0	1	0	2
RICHMOND	91	115	92	26	81	28	1	2	1	1	0	0
ROBESON	298	318	311	95	187	133	3	5	2	5	1	1
ROCKINGHAM	91	128	93	29	49	37	2	0	2	0	1	1
ROWAN	239	223	198	72	90	67	1	1	3	4	7	1
RUTHERFORD	75	64	66	51	39	28	0	1	0	0	0	0
SAMPSON	80	120	84	35	31	21	1	2	1	0	0	3
SCOTLAND	87	76	85	33	39	20	0	2	1	0	0	2
STANLY	75	69	64	13	22	16	0	0	0	0	0	1
STOKES	36	21	22	14	7	10	0	0	0	0	0	0
SURRY	52	46	42	5	16	14	0	0	0	1	0	0
SWAIN	26	24	17	12	5	9	0	0	0	0	0	0
TRANSYLVANIA	21	22	30	3	13	2	0	1	0	0	0	0
TYRRELL	1	4	2	0	0	0	0	0	0	0	0	0
UNION	234	278	241	73	80	51	2	5	2	1	2	6
VANCE	134	113	108	46	76	38	5	2	4	0	2	1
WAKE	1,579	1,656	1,144	487	538	336	36	45	44	27	35	35
WARREN	33	42	26	5	19	9	1	1	0	1	1	0
WASHINGTON	17	19	18	6	0	5	0	0	0	0	0	1
WATAUGA	76	82	52	10	7	9	1	0	0	0	1	0
WAYNE	180	271	212	57	103	62	1	5	7	2	0	4
WILKES	60	52	57	18	18	8	0	0	0	0	0	0
WILSON	154	227	192	48	58	89	0	3	3	2	3	3
YADKIN	16	25	29	3	8	1	1	1	1	0	0	0
YANCEY	6	3	10	2	2	0	0	0	0	0	0	0
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	16,399	17,934	15,379	5,449	6,350	5,051	264	277	312	227	256	282

Data Source: North Carolina Electronic Disease Surveillance System (data as of May 4, 2020).

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Table 8. North Carolina Newly Diagnosed HIV Infections by County of Residence at Time of Diagnosis, 2018-2020

COUNTY	2018 Jan-Mar	2019 Jan-Mar	2020 Jan-Mar
ALAMANCE	1	5	2
ALEXANDER	0	0	0
ALLEGHANY	0	0	0
ANSON	1	1	0
ASHE	0	0	0
AVERY	0	0	1
BEAUFORT	1	1	2
BERTIE	0	1	2
BLADEN	2	1	0
BRUNSWICK	3	0	0
BUNCOMBE	4	6	3
BURKE	0	1	2
CABARRUS	5	5	3
CALDWELL	2	3	0
CAMDEN	0	0	0
CARTERET	0	0	2
CASWELL	0	3	0
CATAWBA	4	3	2
CHATHAM	0	0	0
CHEROKEE	0	1	1
CHOWAN	0	0	0
CLAY	0	0	0
CLEVELAND	4	2	1
COLUMBUS	0	2	1
Craven	4	2	0
CUMBERLAND	9	18	16
CURRITUCK	0	0	1
DARE	0	0	0
DAVIDSON	3	3	5
DAVIE	0	0	0
DUPLIN	1	0	0
DURHAM	15	14	14
EDGECOMBE	2	2	2
FORSYTH	15	18	13
FRANKLIN	0	1	0
GASTON	9	6	9
GATES	0	0	0
GRAHAM	0	0	0
GRANVILLE	4	3	0
GREENE	0	0	1
GUILFORD	30	30	28
HALIFAX	4	1	4
HARNETT	4	6	2
HAYWOOD	1	0	2
HENDERSON	1	1	2
HERTFORD	1	0	1
HOKE	1	1	4
HYDE	0	0	0
IREDELL	4	7	5
JACKSON	0	1	0
JOHNSTON	5	4	5

COUNTY	2018 Jan-Mar	2019 Jan-Mar	2020 Jan-Mar
JONES	1	0	0
LEE	1	1	1
LENOIR	1	0	2
LINCOLN	2	1	2
MACON	0	0	4
MADISON	1	0	0
MARTIN	0	0	2
MCDOWELL	0	0	0
MECKLENBURG	47	63	45
MITCHELL	0	0	0
MONTGOMERY	0	0	1
MOORE	0	0	1
NASH	3	5	3
NEW HANOVER	7	11	2
NORTHAMPTON	0	1	0
ONslow	2	3	7
ORANGE	3	6	1
PAMLICO	0	1	0
PASQUOTANK	5	1	4
PENDER	0	0	0
PERQUIMANS	0	0	0
PERSON	1	1	0
PITT	10	13	6
POLK	0	0	0
RANDOLPH	0	5	1
RICHMOND	3	2	0
ROBESON	4	3	5
ROCKINGHAM	1	3	2
ROWAN	2	3	0
RUTHERFORD	1	0	1
SAMPSON	2	1	2
SCOTLAND	2	2	5
STANLY	0	1	1
STOKES	0	1	0
SURRY	0	3	3
SWAIN	0	0	0
TRANSYLVANIA	1	0	0
TYRRELL	0	0	0
UNION	4	3	3
VANCE	2	4	2
WAKE	24	30	42
WARREN	1	0	1
WASHINGTON	1	0	1
WATAUGA	0	0	0
WAYNE	3	7	3
WILKES	1	0	2
WILSON	1	2	6
YADKIN	0	0	2
YANCEY	0	0	0
UNASSIGNED*	1	3	5
TOTAL	278	333	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 May 4, 2020).

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Table 9. North Carolina Newly Diagnosed AIDS (HIV Infection Stage 3) Cases by County of Residence at Time of Diagnosis, 2018-2020

COUNTY	2018 Jan-Mar	2019 Jan-Mar	2020 Jan-Mar
ALAMANCE	3	3	0
ALEXANDER	0	0	0
ALLEGHANY	0	0	0
ANSON	1	1	0
ASHE	0	0	0
AVERY	0	0	0
BEAUFORT	0	0	0
BERTIE	2	2	1
BLADEN	1	0	1
BRUNSWICK	1	0	0
BUNCOMBE	0	2	2
BURKE	1	1	0
CABARRUS	1	1	0
CALDWELL	0	3	1
CAMDEN	0	0	0
CARTERET	0	0	1
CASWELL	0	0	0
CATAWBA	1	2	2
CHATHAM	0	0	0
CHEROKEE	0	0	0
CHOWAN	0	0	0
CLAY	0	0	0
CLEVELAND	2	1	1
COLUMBUS	0	1	1
CRAVEN	0	1	1
CUMBERLAND	9	8	16
CURRITUCK	0	0	0
DARE	0	0	0
DAVIDSON	3	1	2
DAVIE	0	1	0
DUPLIN	1	1	1
DURHAM	7	4	6
EDGECOMBE	0	4	2
FORSYTH	13	16	5
FRANKLIN	0	0	1
GASTON	5	4	2
GATES	0	0	0
GRAHAM	0	0	0
GRANVILLE	1	1	0
GREENE	0	1	0
GUILFORD	6	13	9
HALIFAX	0	0	1
HARNETT	2	1	3
HAYWOOD	0	0	2
HENDERSON	0	0	0
HERTFORD	1	1	3
HOKE	1	0	1
HYDE	0	0	0
IREDELL	0	7	2
JACKSON	0	1	0
JOHNSTON	4	0	4
JONES	1	0	0
LEE	0	0	0

COUNTY	2018 Jan-Mar	2019 Jan-Mar	2020 Jan-Mar
LENOIR	0	2	1
LINCOLN	1	1	0
MACON	0	0	1
MADISON	1	0	0
MARTIN	1	0	1
MCDOWELL	0	0	0
MECKLENBURG	17	14	19
MITCHELL	0	0	1
MONTGOMERY	0	0	0
MOORE	0	3	0
NASH	3	1	0
NEW HANOVER	2	1	1
NORTHAMPTON	0	0	0
ONSLow	1	1	3
ORANGE	1	2	0
PAMLICO	0	0	0
PASQUOTANK	1	1	1
PENDER	0	0	1
PERQUIMANS	1	1	0
PERSON	2	0	1
PITT	7	7	4
POLK	1	0	0
RANDOLPH	0	0	0
RICHMOND	1	1	1
ROBESON	3	2	2
ROCKINGHAM	2	0	0
ROWAN	0	2	1
RUTHERFORD	2	0	1
SAMPSON	3	0	2
SCOTLAND	1	2	0
STANLY	0	0	0
STOKES	0	1	0
SURRY	0	0	2
SWAIN	0	0	0
TRANSYLVANIA	0	0	0
TYRRELL	0	0	0
UNION	0	1	3
VANCE	1	2	1
WAKE	21	9	14
WARREN	0	0	0
WASHINGTON	0	0	1
WATAUGA	0	0	0
WAYNE	2	2	2
WILKES	0	0	0
WILSON	2	1	3
YADKIN	0	0	1
YANCEY	0	0	0
UNASSIGNED*	2	4	2
TOTAL	146	143	141

* Unassigned includes cases with unknown county of residence at diagnosis or cases that were diagnosed at a long-term care facility such as prison.
Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of May 4, 2020).