

Forsyth County, NC 2018 Communicable Disease Surveillance Data & Statistics



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OVERVIEW

This *Communicable Disease Surveillance Data & Statistics* publication focuses on infectious disease events that medical practitioners are **required** to report to the Forsyth County Department of Public Health when they are encountered in the Forsyth community. This publication covers the period 2014 to 2018, and includes infectious diseases that met case definition, and are were closed as of December 18th 2019.

The data and statistics shared in this publication are first grouped based on major infectious disease categories (enteric diseases, vaccine-preventable diseases, vector-borne diseases, and sexually transmitted diseases).¹ Next, a combined alphabetical listing of the infectious diseases that presented various levels of risk for Forsyth County residents from 2014 to 2018 are presented in Table 9 (pages 18-19) . This alphabetical listing includes disease case counts and, where applicable. **As stated in the footnote of tables included in this publication, please use caution when interpreting reported case counts that are less than 10 and the corresponding rates based on these numbers.**

Major Observations

While there were increases in the rates of some enteric (Table 1, page 6), vaccine-preventable (Table 2, page 7), and vector-borne (Table 3, page 8) diseases between 2014 and 2018, increases in the rates of sexually transmitted diseases (Table 4, page 9) presented the highest health risk to Forsyth County's population. Table 5a (page 10) through Table 8b (page 17) provides greater detail on chlamydia, gonorrhea, early syphilis, and human immunodeficiency virus (HIV) (all stages) rates, respectively. Below is a brief summary of the data and statistics displayed in the those tables:

Chlamydia

- There was a higher number of chlamydia cases diagnosed in Forsyth County in 2018 (2,848 cases, a rate of 751.3 per 100,000 population) than in 2017 (2,534 cases, a rate of 673.4 per 100,000 population) (Table 4).
- In 2018, the chlamydia rate for women (929.7 per 100,000 population) was greater than that for men (553.4 per 100,000 population) (Table 5a).
- Among women, the highest chlamydia rates in 2018 were among the 20-24, 25-29, and 30-34 age groups (Table 5a).
- Among men, the highest chlamydia rates in 2018 were among the 15-19, 20-24, 25-29, and 30-34 age groups (Table 5a).
- In 2018, Black, non-Hispanic/Latino men (1,133.7 per 100,000 population) and women (1,337.3 per 100,000 population) had higher chlamydia rates than men and women of other race/ethnicities (Table 5b).

Gonorrhea

- There was a higher number of gonorrhea cases diagnosed in Forsyth County in 2018 (1,170 cases, a rate of 308.6 per 100,000 population) than in 2017 (966 cases, a rate of 256.7 per 100,000 population) (Table 4).
- In 2018, the gonorrhea rate for women (278.5 per 100,000 population) was lower than that for men (342.1 per 100,000 population) (Table 6a).
- Among women, the highest gonorrhea rates in 2018 were among the 20-24, 25-29, and 30-34 age groups (Table 6a).
- Among men, the highest gonorrhea rates in 2018 were among the 15-19, 20-24, 25-29, and 30-34 age groups (Table 6a).
- In 2018, Black, non-Hispanic/Latino men (883.0 per 100,000 population) and women (599.6 per 100,000 population) had higher gonorrhea rates than men and women of other race/ethnicities (Table 6b).

Early Syphilis²

- There was a higher number of early syphilis (primary, secondary and early non-primary, non-secondary) cases diagnosed in Forsyth County in 2018 (100 cases, a rate of 26.3 per 100,000 population) than in 2017 (82 cases, a rate of 21.7 per 100,000 population) (Table 4).

- In 2018, the early syphilis rate for men (48.4 per 100,000 population) was higher than that for women (6.5 per 100,000 population) (Table 7a).
- Among women, the highest early syphilis rates in 2018 were among the 20-24, 25-29, and 30-34 age groups (Table 7a).
- Among men, the highest early syphilis rates in 2018 were among the 20-24, 25-29, 30-34, and 35-39 age groups (Table 7a).
- In 2018, Black, non-Hispanic/Latino men (104.6 per 100,000 population) and women (10.9 per 100,000 population) had higher early syphilis rates than men and women of other race/ethnicities (Table 7b).

HIV (all stages)

- The number of HIV (all stages) cases diagnosed in Forsyth County in 2018 (66 cases, a rate of 20.8 per 100,000 population) remained unchanged from 2017 (66 cases, a rate of 23.7 per 100,000 population) (Table 4).
- In 2018, the HIV (all stages) rate for men (35.1 per 100,000 population) was higher than that for women (8.3 per 100,000 population) (Table 8a).
- Among women, the highest HIV (all stages) rates in 2018 were among the 25-29, 40-44, 45-49, and 50-54 age groups (Table 8a).
- Among men, the highest HIV rates in 2018 were among the 15-19, 20-24, 25-29, and 30-34 age groups (Table 8a).
- In 2018, Black, non-Hispanic/Latino men (78.8 per 100,000 population) and women (15.1 per 100,000 population) had higher HIV(all stages) rates than men and women of other race/ethnicities (Table 8b).

¹For general information on enteric diseases, please visit the Centers for Disease Control and Prevention (CDC) at <https://www.cdc.gov/ncezid/dfwed/edeb/index.html>. For general information on vaccine-preventable diseases, please visit the CDC at <https://www.cdc.gov/vaccines/vpd/vaccines-diseases.html>. For general information on vector-borne diseases, please visit the CDC at <https://www.cdc.gov/ncezid/dvbd/index.html>. For general information on sexually transmitted diseases and related conditions, please visit the CDC at <https://www.cdc.gov/std/default.htm>. Also, for additional information on sexually transmitted diseases and related conditions in North Carolina, please see the *2018 North Carolina STD Report* at https://epi.dph.ncdhhs.gov/cd/stds/figures/std18rpt_rev102019.pdf, as well as the *2018 North Carolina HIV Report* at https://epi.dph.ncdhhs.gov/cd/stds/figures/hiv18rpt_12172019.pdf

²Early syphilis: Primary, secondary, and early (non-primary, non-secondary) stages of syphilis occur within the first year of infection. These stages are often grouped together when discussing infectious syphilis, and are called 'early syphilis.'

Table 1. Newly Diagnosed Enteric Disease Annual Rates for Forsyth County, NC based on Year of Diagnosis, 2014-2018¹

Enteric Diseases	2018		2017		2016		2015		2014	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
<i>Diarrheal</i>										
Botulism, foodborne	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Campylobacter Infection	106	28.0	67	17.8	62	16.7	52	14.1	30	8.2
Clostridium perfringens	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Cryptosporidiosis	22	5.8	12	3.2	17	4.6	19	5.1	3	0.8
Cyclosporiasis	4	1.1	6	1.6	1	0.3	1	0.3	0	0.0
Escherichia coli (E Coli)	31	8.2	27	7.2	25	6.7	10	2.7	5	1.4
Listeriosis	3	0.8	1	0.3	2	0.5	0	0.0	0	0.0
Salmonellosis	86	22.7	78	20.7	85	22.9	62	16.8	57	15.6
Shigellosis	19	5.0	0	0.0	73	19.6	71	19.2	53	14.5
Staphylococcal, foodborne	0	0.0	0	0.0	1	0.3	0	0.0	0	0.0
Yersinia	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Vibrio Infection, Other	4	1.1	2	0.5	2	0.5	0	0.0	0	0.0
<i>Non-diarrheal</i>										
Paratyphoid	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Typhoid	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

Forsyth County Department of Public Health, Epidemiology & Surveillance Unit, December 18, 2019

¹ Rates are expressed per 100,000 population

Please use caution when interpreting reported numbers less than 10 and the corresponding rates based on these numbers.

Table 2. Newly Diagnosed Vaccine-preventable Disease Annual Rates for Forsyth County, NC based on Year of Diagnosis, 2014-2018¹

Vaccine-preventable Diseases	2018		2017		2016		2015		2014	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
Diphtheria	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Haemophilus influenza, Type B	8	2.1	8	2.1	7	1.9	9	2.4	8	2.2
Hepatitis A	1	0.3	0	0.0	1	0.3	5	1.4	5	1.4
Hepatitis B, Acute	13	3.4	8	2.1	1	0.3	3	0.8	5	1.4
Hepatitis B, Chronic	42	11.1	39	10.4	39	10.5	43	11.7	40	10.9
Hepatitis B, perinatally acquired	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0
Influenza death , adult	14	3.7	7	1.9	2	0.5	14	3.8	4	1.1
Influenza death , pediatric	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0
Influenza, novel influenza A virus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Measles	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis, pneumococcal	1	0.3	2	0.5	3	0.8	0	0.0	4	1.1
Meningococcal, invasive	0	0.0	1	0.3	0	0.0	1	0.3	0	0.0
Mumps	1	0.3	1	0.3	0	0.0	2	0.5	0	0.0
Pertussis	29	7.6	31	8.2	51	13.7	33	8.9	46	12.6
Poliomyelitis, paralytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Poliovirus infection, non-paralytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rubella	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rubella syndrome, congenital	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tetanus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Typhoid	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Varicella, deaths	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

Forsyth County Department of Public Health, Epidemiology & Surveillance Unit, December 18, 2019

¹ Rates are expressed per 100,000 population

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Table 3. Newly Diagnosed Vector-borne Disease Annual Rates for Forsyth County, NC based on Year of Diagnosis, 2014-2018¹

Vector-borne Diseases	2018		2017		2016		2015		2014	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
<i>Mosquito-borne diseases</i>										
Chikungunya virus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Dengue	2	0.5	0	0.0	1	0.3	2	0.5	1	0.3
Encephalitis Arborviral, EEE	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Encephalitis Arborviral, LAC	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Encephalitis Arborviral, WNV	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0
Malaria	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Zika	0	0.0	0	0.0	7	1.9	0	0.0	0	0.0
<i>Tick-borne diseases</i>										
Ehrlichiosis (HGE)	0	0.0	2	0.5	1	0.3	1	0.3	0	0.0
Ehrlichiosis (HME)	1	0.3	2	0.5	1	0.3	0	0.0	0	0.0
Lyme disease	7	1.8	10	2.7	15	4.0	4	1.1	10	2.7
Rocky Mountain Spotted Fever	8	2.1	5	1.3	3	0.8	4	1.1	9	2.5
Tularemia	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

Forsyth County Department of Public Health, Epidemiology & Surveillance Unit, December 18, 2019

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Table 4. Newly Diagnosed Sexually Transmitted Disease Annual Rates for Forsyth County, NC based on Year of Diagnosis, 2014-2018¹

Sexually Transmitted Infections	2018		2017		2016		2015		2014	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
Chlamydia	2,848	751.3	2,534	673.4	2,631	708.2	2,485	673.4	2,424	663.6
Gonorrhea	1,170	308.6	966	256.7	1,051	282.9	1,046	283.5	937	256.5
HIV (all stages)	66	20.8	66	21.0	81	26.2	56	18.3	51	16.9
Non-Gonococcal Urethritis	188	49.6	198	52.6	318	85.6	305	82.7	250	68.4
Pelvic inflammatory disease (PID)	8	2.1	12	3.2	16	4.3	13	3.5	11	3.0
Syphilis										
Primary & Secondary	54	14.2	57	15.1	55	14.8	49	13.3	31	8.5
Early, non-primary, non-secondary	46	12.1	25	6.6	29	7.8	36	9.8	18	4.9
Unknown Duration or Late Syphilis	41	10.8	47	12.5	50	13.5	43	11.7	45	12.3
Congenital	1	0.3	1	0.3	0	0.0	2	0.5	0	0.0

Forsyth County Department of Public Health, Epidemiology & Surveillance Unit, December 18, 2019

¹ Rates are expressed per 100,000 population

Please use caution when interpreting reported numbers less than 10 and the corresponding rates based on these numbers.

Table 5a. Newly Diagnosed Chlamydia Annual Rates for Forsyth County, NC based on Gender, Age at Diagnosis, and Year of Diagnosis, 2014–2018¹

Gender	Age at Diagnosis (Years)	2018			2017			2016			2015			2014		
		Cases	%	Rates	Cases	%	Rates	Cases	%	Rates	Cases	%	Rates	Cases	%	Rates
Men	Less than 10	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0	0.0
	10-14	3	0.3%	23.4	2	0.2%	15.7	1	0.1%	8.0	5	0.6%	40.0	6	0.8%	47.8
	15-19	171	17.2%	1,308.2	155	17.7%	1,193.7	173	18.8%	1,325.8	165	21.1%	1,279.7	127	16.6%	1,013.0
	20-24	365	36.7%	3,043.2	329	37.5%	2,693.0	330	35.8%	2,729.5	282	36.0%	2,185.4	303	39.7%	2,419.4
	25-29	226	22.7%	1,808.4	209	23.8%	1,705.4	213	23.1%	1,828.5	163	20.8%	1,445.5	162	21.2%	1,435.3
	30-34	131	13.2%	1,137.5	87	9.9%	766.8	92	10.0%	830.9	71	9.1%	654.2	77	10.1%	712.6
	35-39	32	3.2%	290.5	30	3.4%	273.7	52	5.6%	484.7	43	5.5%	403.0	41	5.4%	381.4
	40-44	26	2.6%	245.7	27	3.1%	254.9	23	2.5%	213.1	20	2.6%	179.8	23	3.0%	202.7
	45-54	29	2.9%	122.0	28	3.2%	115.7	27	2.9%	111.3	23	2.9%	95.8	17	2.2%	70.8
	55-64	9	0.9%	39.4	7	0.8%	30.9	10	1.1%	44.9	7	0.9%	32.1	6	0.8%	27.1
	≥65	3	0.3%	11.7	3	0.3%	12.0	1	0.1%	4.2	4	0.5%	17.3	2	0.3%	9.0
Unknown	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.00%	0.0	
Total		995	100.0%	553.4	877	100.0%	490.2	922	100.0%	522.6	783	100.0%	446.7	764	100.0%	440.4
Women	Less than 10	0	0.0%	0.0	0	0.0%	0.0	1	0.1%	4.3	1	0.1%	4.3	1	0.1%	4.3
	10-14	19	1.0%	153.8	31	1.9%	251.9	15	0.9%	123.3	31	1.8%	252.5	26	1.6%	212.5
	15-19	603	32.5%	438.1	562	33.9%	4,151.6	576	33.7%	4,276.5	552	32.4%	4,206.7	496	29.9%	3,929.6
	20-24	699	37.7%	5,430.4	636	38.4%	4,979.6	663	38.8%	5,155.1	675	39.7%	5,172.4	702	42.3%	5,371.5
	25-29	290	15.7%	2,138.3	246	14.8%	1,828.5	242	14.2%	1,858.4	271	15.9%	2,113.4	237	14.3%	1,854.0
	30-34	133	7.2%	1,047.7	96	5.8%	777.6	107	6.3%	883.5	91	5.3%	756.4	95	5.7%	788.8
	35-39	53	2.9%	436.3	42	2.5%	349.1	67	3.9%	564.5	53	3.1%	455.4	63	3.8%	548.1
	40-44	32	1.7%	273.1	27	1.6%	230.1	18	1.1%	151.5	14	0.8%	113.7	27	1.6%	214.4
	45-54	15	0.8%	57.8	14	0.8%	53.2	17	1.0%	64.3	12	0.7%	45.4	10	0.6%	37.8
	55-64	9	0.5%	33.8	3	0.2%	53.3	3	0.2%	11.6	1	0.1%	3.8	3	0.2%	12.2
	≥65	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	1	0.1%	3.2	0	0.0%	0.0
Unknown	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	
Total		1,853	100.0%	929.7	1,657	100.0%	839.3	1,709	100.0%	876.1	1,702	100.0%	878.6	1,660	100.0%	865.4
Total	Less than 10	0	0.0%	0.0	0	0.0%	0.0	1	0.0%	2.1	1	0.0%	2.1	1	0.0%	2.1
	10-14	22	0.8%	87.4	33	1.3%	131.8	16	0.6%	65.0	36	1.4%	145.4	32	1.3%	129.2
	15-19	774	27.2%	2,884.2	717	28.3%	2,703.4	749	28.5%	2,824.5	717	28.9%	2,756.0	623	25.7%	2,476.3
	20-24	1,064	37.4%	4,278.9	965	38.1%	3,861.7	993	37.7%	3,979.8	957	38.5%	3,687.3	1,005	41.5%	3,926.9
	25-29	516	18.1%	1,980.1	455	18.0%	1,769.8	455	17.3%	1,844.3	434	17.5%	1,800.9	399	16.5%	1,657.7
	30-34	264	9.3%	1,090.5	183	7.2%	772.4	199	7.6%	858.4	162	6.5%	707.9	172	7.1%	752.8
	35-39	85	3.0%	367.0	72	2.8%	313.2	119	4.5%	526.6	96	3.9%	430.3	104	4.3%	467.6
	40-44	58	2.0%	260.1	54	2.1%	241.9	41	1.6%	180.8	34	1.4%	145.1	50	2.1%	208.8
	45-54	44	1.5%	88.5	42	1.7%	83.2	44	1.7%	86.7	35	1.4%	69.4	27	1.1%	53.5
	55-64	18	0.6%	36.4	10	0.4%	386.5	13	0.5%	27.0	8	0.3%	17.0	9	0.4%	19.6
	≥65	3	0.1%	4.9	3	0.1%	5.1	1	0.0%	1.8	6	0.2%	11.0	2	0.1%	3.8
Unknown	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	
Total		2,848	100.0%	751.3	2,534	100.0%	673.4	2,631	100.0%	708.2	2,485	100.0%	673.4	2,424	100.0%	663.6

Forsyth County Department of Public Health, Epidemiology & Surveillance Unit, December 18, 2019

¹ Rates are expressed per 100,000 population

Please use caution when interpreting reported numbers less than 10 and the corresponding rates based on these numbers.

Table 5b. Newly Diagnosed Chlamydia Annual Rates for Forsyth County, NC based on Gender, Race/Ethnicity, and Year of Diagnosis, 2014 – 2018¹

Gender	Race/Ethnicity	2018			2017			2016			2015			2014		
		Cases	%	Rates	Cases	%	Rates	Cases	%	Rates	Cases	%	Rates	Cases	%	Rates
Men	Black/Af. American	520	52.3%	1,133.7	514	58.6%	1,134.1	522	56.6%	1,180.0	468	59.8%	1,058.7	471	61.6%	1,080.4
	Hispanic/Latino	95	9.5%	381.0	80	9.1%	321.9	82	8.9%	349.5	69	8.8%	287.3	69	9.0%	291.8
	White/Caucasian	105	10.6%	101.6	100	11.4%	96.6	145	15.7%	141.7	98	12.5%	95.8	95	12.4%	93.4
	Unknown/Unspecified	275	27.6%	*	183	20.9%	*	173	18.8%	*	148	18.9%	*	129	16.9%	*
Total		995	34.9%	553.4	877	34.6%	490.2	922	35.0%	527.8	783	31.5%	446.7	764	31.5%	440.4
Women	Black/Af. American	736	39.7%	1,337.3	712	43.0%	1,310.4	839	49.1%	1,578.1	830	48.8%	1,566.3	846	51.0%	1,619.4
	Hispanic/Latino	204	11.0%	832.9	158	9.5%	659.0	190	11.1%	847.9	210	12.3%	923.8	183	11.0%	816.2
	White/Caucasian	257	13.9%	226.2	251	15.1%	221.9	296	17.3%	263.6	282	16.6%	250.9	239	14.4%	213.8
	Unknown/Unspecified	656	35.4%	*	536	32.3%	*	384	22.5%	*	380	22.3%	*	392	23.6%	*
Total		1,853	65.1%	929.7	1,657	65.4%	839.3	1,709	65.0%	884.0	1,702	68.5%	878.6	1,660	68.5%	865.4
Total	Black/Af. American	1,256	44.1%	1,244.7	1,226	48.4%	1,230.2	1,361	51.7%	1,397.3	1,298	52.2%	1,335.4	1,317	54.3%	1,374.2
	Hispanic/Latino	299	10.5%	604.9	238	9.4%	487.4	272	10.3%	593.0	279	11.2%	596.8	252	10.4%	547.0
	White/Caucasian	362	12.7%	166.5	351	13.9%	162.0	441	16.8%	205.5	380	15.3%	177.0	334	13.8%	156.4
	Unknown/Unspecified	931	32.7%	*	719	28.4%	*	557	21.2%	*	528	21.2%	*	521	21.5%	*
Total		2,848	100.0%	751.3	2,534	100.0%	673.4	2,631	100.0%	708.2	2,485	100.0%	673.4	2,424	100.0%	663.6

Forsyth County Department of Public Health, Epidemiology & Surveillance Unit, December 18, 2019

¹ Rates are expressed per 100,000 population

*Rates are not available due to the lack of population data for unknown/unspecified race/ethnicity groups

Please use caution when interpreting reported numbers less than 10 and the corresponding rates based on these numbers.

Table 6a. Newly Diagnosed Gonorrhea Annual Rates for Forsyth County, NC based on Gender, Age at Diagnosis and Year of Diagnosis, 2014 – 2018¹

Gender	Age at Diagnosis (Years)	2018			2017			2016			2015			2014		
		Cases	%	Rates	Cases	%	Rates	Cases	%	Rates	Cases	%	Rates	Cases	%	Rates
Men	Less than 10	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0	0.0
	10-14	2	0.3%	15.6	1	0.2%	15.7	1	0.2%	8.0	0	0.0%	0.0	2	0.5%	15.9
	15-19	75	12.2%	573.8	53	10.5%	408.2	61	11.3%	467.5	67	12.8%	519.6	51	11.9%	406.8
	20-24	168	27.3%	1,400.7	172	34.1%	1,407.9	160	29.5%	1,323.4	148	28.3%	1,146.9	158	36.7%	1,261.6
	25-29	132	21.5%	1,056.3	112	22.2%	913.9	122	22.5%	1,047.3	131	25.0%	1,161.8	96	22.3%	850.5
	30-34	80	13.0%	694.7	58	11.5%	511.2	60	11.1%	541.9	68	13.0%	626.6	51	11.9%	472.0
	35-39	46	7.5%	417.6	32	6.3%	292.0	47	8.7%	438.1	49	9.4%	459.2	26	6.0%	241.9
	40-44	34	5.5%	321.3	26	5.1%	245.5	28	5.2%	259.4	18	3.4%	161.8	16	3.7%	141.0
	45-54	44	7.2%	185.1	31	6.1%	128.1	39	7.2%	160.7	36	6.9%	149.9	23	5.3%	95.7
	55-64	28	4.6%	122.5	17	3.4%	75.1	20	3.7%	89.9	6	1.1%	27.6	7	1.6%	31.6
	≥65	6	1.0%	23.3	3	0.6%	12.0	4	0.7%	16.8	0	0.0%	0.0	0	0.0%	0.0
Unknown	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.00%	0.0	
Total		615	100.0%	342.1	505	100.0%	282.3	542	100.0%	307.2	523	100.0%	298.4	430	100.0%	247.9
Women	Less than 10	0	0.0%	0.0	0	0.0%	0.0	1	0.2%	4.3	0	0.0%	0.0	0	0.0%	0.0
	10-14	5	0.9%	40.5	5	1.1%	40.6	6	1.2%	49.3	8	1.5%	65.2	5	1.0%	40.9
	15-19	120	21.6%	87.2	111	24.1%	820.0	132	25.9%	980.0	127	24.3%	967.8	117	23.1%	927.0
	20-24	167	30.1%	1,297.4	168	36.4%	1,315.4	158	31.0%	1,228.5	199	38.0%	1,524.9	240	47.3%	1,836.4
	25-29	134	24.1%	988.1	91	19.7%	676.4	114	22.4%	875.4	99	18.9%	772.1	83	16.4%	649.3
	30-34	70	12.6%	551.4	43	9.3%	348.3	47	9.2%	388.1	48	9.2%	399.0	29	5.7%	240.8
	35-39	27	4.9%	222.3	25	5.4%	207.8	22	4.3%	185.4	27	5.2%	232.0	22	4.3%	191.4
	40-44	7	1.3%	59.7	4	0.9%	34.1	19	3.7%	159.9	9	1.7%	73.1	8	1.6%	63.5
	45-54	17	3.1%	65.5	13	2.8%	49.4	5	1.0%	18.9	4	0.8%	15.1	3	0.6%	11.3
	55-64	7	1.3%	26.3	1	0.2%	49.5	4	0.8%	15.5	1	0.2%	3.8	0	0.0%	0.0
	≥65	1	0.2%	0.0	0	0.0%	0.0	1	0.2%	3.1	0	0.0%	0.0	0	0.0%	0.0
Unknown	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	1	0.2%	0.0	0	0.0%	0.0	
Total		555	100.0%	278.5	461	100.0%	233.5	509	100.0%	260.9	523	100.0%	270.0	507	100.0%	264.3
Total	Less than 10	0	0.0%	0.0	0	0.0%	0.0	1	0.1%	2.1	0	0.0%	0.0	0	0.0%	0.0
	10-14	7	0.6%	27.8	6	0.6%	24.0	7	0.7%	28.4	8	0.8%	32.3	7	0.7%	28.3
	15-19	195	16.7%	726.6	164	17.0%	618.4	193	18.4%	727.8	194	18.5%	745.7	168	17.9%	667.8
	20-24	335	28.6%	1,347.2	340	35.2%	1,360.6	318	30.3%	1,274.5	347	33.2%	1,337.0	398	42.5%	1,555.1
	25-29	266	22.7%	1,020.8	203	21.0%	789.6	236	22.5%	956.6	230	22.0%	954.4	179	19.1%	743.7
	30-34	150	12.8%	619.6	101	10.5%	426.3	107	10.2%	461.5	116	11.1%	506.9	80	8.5%	350.1
	35-39	73	6.2%	315.2	57	5.9%	247.9	69	6.6%	305.4	76	7.3%	340.7	48	5.1%	215.8
	40-44	41	3.5%	183.9	30	3.1%	134.4	47	4.5%	207.3	27	2.6%	115.2	24	2.6%	100.2
	45-54	61	5.2%	122.6	44	4.6%	87.1	44	4.2%	86.7	40	3.8%	79.3	26	2.8%	51.5
	55-64	35	3.0%	70.7	18	1.9%	695.8	24	2.3%	49.9	7	0.7%	14.9	7	0.7%	15.2
	≥65	7	0.6%	11.5	3	0.3%	5.1	5	0.5%	8.9	0	0.0%	0.0	0	0.0%	0.0
Unknown	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	1	0.1%	0.0	0	0.0%	0.0	
Total		1,170	100.0%	308.6	966	100.0%	256.7	1,051	100.0%	282.9	1,046	100.0%	283.5	937	100.0%	256.5

Forsyth County Department of Public Health, Epidemiology & Surveillance Unit, December 18, 2019

¹ Rates are expressed per 100,000 population

Please use caution when interpreting reported numbers less than 10 and the corresponding rates based on these numbers.

Table 6b. Newly Diagnosed Gonorrhea Annual Rates for Forsyth County, NC based on Gender, Race/Ethnicity & Year of Diagnosis, 2014–2018¹

Gender	Race/Ethnicity	2018			2017			2016			2015			2014		
		Cases	%	Rates	Cases	%	Rates	Cases	%	Rate	Cases	%	Rate	Cases	%	Rate
Men	Black/Af. American	405	69.2%	883.0	378	74.9%	834.0	399	73.6%	901.9	386	73.8%	873.2	319	74.2%	731.7
	Hispanic/Latino	18	3.1%	72.2	20	4.0%	80.5	24	4.4%	102.3	24	4.6%	99.9	9	2.1%	38.1
	White/Caucasian	42	7.2%	40.7	36	7.1%	34.8	56	10.3%	54.7	56	10.7%	54.8	41	9.5%	40.3
	Unknown/Unspecified	120	20.5%	*	71	14.1%	*	63	11.6%	*	57	10.9%	*	61	14.2%	*
Total		585	50.0%	325.4	505	52.3%	282.3	542	51.6%	310.2	523	50.0%	298.4	430	45.9%	247.9
Women	Black/Af. American	330	56.4%	599.6	276	59.9%	508.0	345	67.8%	648.9	365	69.8%	688.8	369	72.8%	706.4
	Hispanic/Latino	30	5.1%	122.5	8	1.7%	33.4	18	3.5%	80.3	22	4.2%	96.8	19	3.7%	84.7
	White/Caucasian	72	12.3%	63.4	54	11.7%	47.7	60	11.8%	53.4	53	10.1%	47.2	44	8.7%	39.4
	Unknown/Unspecified	153	26.2%	*	123	26.7%	*	86	16.9%	*	83	15.9%	*	75	14.8%	*
Total		585	50.0%	293.5	461	47.7%	233.5	509	48.4%	263.3	523	50.0%	270.0	507	54.1%	264.3
Total	Black/Af. American	735	62.8%	728.4	654	67.7%	656.2	744	70.8%	763.8	751	71.8%	772.6	688	73.4%	717.9
	Hispanic/Latino	48	4.1%	97.1	28	2.9%	57.3	42	4.0%	91.6	46	4.4%	98.4	28	3.0%	60.8
	White/Caucasian	114	9.7%	52.4	90	9.3%	41.5	116	11.0%	54.1	109	10.4%	50.8	85	9.1%	39.8
	Unknown/Unspecified	273	23.3%	*	194	20.1%	*	149	14.2%	*	140	13.4%	*	136	14.5%	*
Total		1,170	100.0%	308.6	966	100.0%	256.7	1,051	100.0%	282.9	1,046	100.0%	283.5	937	100.0%	256.5

Forsyth County Department of Public Health, Epidemiology & Surveillance Unit, December 18, 2019

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Please use caution when interpreting reported numbers less than 10 and the corresponding rates based on these numbers.

Table 7a. Newly Diagnosed Early Syphilis Annual Rates for Forsyth County, NC based on Gender, Age at Diagnosis and Year of Diagnosis, 2014 – 2018¹

Gender	Age at Diagnosis (Years)	2018				2017				2016				2015				2014			
		Primary & Secondary		Early non-primary, non-secondary		Primary & Secondary		Early non-primary, non-secondary		Primary & Secondary		Early non-primary, non-secondary		Primary & Secondary		Early non-primary, non-secondary		Primary & Secondary		Early non-primary, non-secondary	
		Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
Men	Less than 10	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	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	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	15-19	3	23.0	2	15.3	2	15.4	2	15.4	3	23.0	0	0.0	1	7.8	0	0.0	1	8.0	0	0.0
	20-24	14	116.7	6	50.0	9	73.7	5	40.9	11	91.0	7	57.9	10	77.5	8	62.0	5	39.9	5	39.9
	25-29	8	64.0	6	48.0	11	89.8	3	24.5	14	120.2	1	8.6	11	97.6	2	17.7	2	17.7	0	0.0
	30-34	0	0.0	9	78.2	9	79.3	3	26.4	7	63.2	2	18.1	2	18.4	6	55.3	4	37.0	3	27.8
	35-39	6	54.5	5	45.4	2	18.2	0	0.0	7	65.2	4	37.3	4	37.5	1	9.4	4	37.2	4	37.2
	40-44	2	18.9	3	28.4	6	56.7	2	18.9	0	0.0	5	46.3	4	36.0	2	18.0	3	26.4	1	8.8
	45-54	9	37.9	6	25.2	3	12.4	2	8.3	7	28.8	4	16.5	8	33.3	6	25.0	3	12.5	1	4.2
	55-64	5	21.9	1	4.4	3	13.3	3	13.3	1	4.5	0	0.0	2	9.2	2	9.2	1	4.5	0	0.0
	≥65	1	3.9	1	3.9	2	8.0	0	0.0	0	0.0	0	0.0	1	4.3	1	4.3	1	4.5	0	0.0
	Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	48	26.7	39	21.7	47	26.3	20	11.2	50	28.3	23	13.0	43	24.5	28	16.0	24	13.8	14	8.1
Women	Less than 10	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	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	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	15-19	2	1.5	0	0.0	0	0.0	1	7.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	20-24	2	15.5	1	7.8	1	7.8	2	15.7	2	15.6	1	7.8	0	0.0	2	15.3	0	0.0	1	7.7
	25-29	1	7.4	1	7.4	4	29.7	0	0.0	0	0.0	2	15.4	3	23.4	1	7.8	0	0.0	2	15.6
	30-34	0	0.0	2	15.8	0	0.0	1	8.1	1	8.3	3	24.8	2	16.6	2	16.6	4	33.2	0	0.0
	35-39	0	0.0	1	8.2	0	0.0	0	0.0	1	8.4	0	0.0	0	0.0	0	0.0	1	8.7	0	0.0
	40-44	0	0.0	0	0.0	2	17.0	1	8.5	1	8.4	0	0.0	0	0.0	1	8.1	0	0.0	1	7.9
	45-54	0	0.0	2	7.7	3	11.4	1	3.8	0	0.0	0	0.0	1	3.8	1	3.8	1	3.8	0	0.0
	55-64	1	3.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	3.8	1	4.1	0	0.0
	≥65	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	6	3.0	7	3.5	10	5.1	6	3.0	5	2.6	6	3.1	6	3.1	8	4.1	7	3.6	4	2.1
Total	Less than 10	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	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	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	15-19	5	18.6	2	7.5	2	7.5	3	11.3	3	11.3	0	0.0	1	3.8	0	0.0	1	4.0	0	0.0
	20-24	16	64.3	7	28.2	10	40.0	7	28.0	13	52.1	8	32.1	10	38.5	10	38.5	5	19.5	6	23.4
	25-29	9	34.5	7	26.9	15	58.3	3	11.7	14	56.7	3	12.2	14	58.1	3	12.4	2	8.3	2	8.3
	30-34	0	0.0	11	45.4	9	38.0	3	12.7	8	34.5	5	21.6	4	17.5	8	35.0	8	35.0	3	13.1
	35-39	6	25.9	6	25.9	2	8.7	0	0.0	8	35.4	4	17.7	4	17.9	1	4.5	5	22.5	4	18.0
	40-44	2	9.0	3	13.5	8	35.8	3	13.4	1	4.4	5	22.0	4	17.1	3	12.8	3	12.5	2	8.4
	45-54	9	18.1	8	16.1	6	11.9	3	5.9	7	13.8	4	7.9	9	17.8	7	13.9	4	7.9	1	2.0
	55-64	6	12.1	1	2.0	3	116.0	3	116.0	1	2.1	0	0.0	2	4.3	3	6.4	2	4.4	0	0.0
	≥65	1	1.6	1	1.6	2	3.4	0	0.0	0	0.0	0	0.0	1	1.8	1	1.8	1	1.9	0	0.0
	Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	54	14.2	46	12.1	57	15.1	25	6.6	55	14.8	29	7.8	49	13.3	36	9.8	31	8.5	18	4.9

Forsyth County Department of Public Health, Epidemiology & Surveillance Unit, December 18, 2019

¹ Rates are expressed per 100,000 population

Please use caution when interpreting reported numbers less than 10 and the corresponding rates based on these numbers.

Table 7b. Newly Diagnosed Early Syphilis Annual Rates for Forsyth County, NC based on Gender, Race/Ethnicity and Year of Diagnosis, 2014 – 2018¹

Gender	Race/Ethnicity	2018				2017				2016				2015				2014			
		Primary & Secondary		Early non-primary, non-secondary		Primary & Secondary		Early non-primary, non-secondary		Primary & Secondary		Early non-primary, non-secondary		Primary & Secondary		Early non-primary, non-secondary		Primary & Secondary		Early non-primary, non-secondary	
		Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
Men	Black/Af. American	29	63.2	19	41.4	31	68.4	14	30.9	39	88.2	14	31.6	27	61.1	17	38.5	17	39.0	4	9.2
	Hispanic/Latino	5	20.1	7	28.1	3	12.1	0	0.0	5	21.3	2	8.5	4	16.7	2	8.3	3	12.7	1	4.2
	White/Caucasian	14	13.6	13	12.6	13	12.6	5	4.8	6	5.9	7	6.8	12	11.7	9	8.8	4	3.9	10	9.8
	Total	48	26.7	39	21.7	47	26.3	19	10.6	50	28.6	23	13.2	43	24.5	28	16.0	24	13.8	15	8.6
Women	Black/Af. American	2	3.6	4	7.3	9	16.6	3	5.5	5	9.4	3	9.4	6	11.3	8	15.1	5	9.6	3	5.7
	Hispanic/Latino	2	8.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	White/Caucasian	2	1.8	3	2.6	1	0.9	3	2.7	0	0.0	3	2.7	0	0.0	0	0.0	2	1.8	0	0.0
	Total	6	3.0	7	3.5	10	5.1	6	3.0	5	2.6	6	3.1	6	3.1	8	4.1	7	3.6	3	1.6
Total	Black/Af. American	31	30.7	23	22.8	40	40.1	17	17.1	44	45.2	17	17.5	33	34.0	25	25.7	22	23.0	7	7.3
	Hispanic/Latino	7	14.2	7	14.2	3	6.1	0	0.0	5	10.9	2	4.4	4	8.6	2	4.3	3	6.5	1	2.2
	White/Caucasian	16	7.4	16	7.4	14	6.5	8	3.7	6	2.8	10	4.7	12	5.6	9	4.2	6	2.8	10	4.7
	Total	54	14.2	46	12.1	57	15.1	25	6.6	55	14.8	29	7.8	49	13.3	36	9.8	31	8.5	18	4.9

Forsyth County Department of Public Health, Epidemiology & Surveillance Unit, December 18, 2019

¹ Rates are expressed per 100,000 population

*Rates are not available due to the lack of population data for unknown/unspecified race/ethnicity groups

Please use caution when interpreting reported numbers less than 10 and the corresponding rates based on these numbers.

Table 8a. Newly Diagnosed HIV (all stages) Annual Rates for Forsyth County, NC based on Gender, Age at Diagnosis and Year of Diagnosis, 2014 – 2018¹

Gender	Age at Diagnosis (Years)	2018			2017			2016			2015			2014		
		Cases	%	Rates	Cases	%	Rates	Cases	%	Rates	Cases	%	Rates	Cases	%	Rates
Men	13-14	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
	15-19	6	11.5	45.9	8	14.3	61.5	6	9.0	46.2	3	6.7	23.6	0	0.0	0.0
	20-24	9	17.3	75.0	7	12.5	58.1	18	26.9	150.6	13	28.9	108.2	9	25.0	75.3
	25-29	10	19.2	80.0	12	21.4	98.2	10	14.9	85.4	10	22.2	88.8	7	19.4	62.8
	30-34	9	17.3	78.2	4	7.1	35.4	8	11.9	72.2	8	17.8	74.1	7	19.4	65.0
	35-39	2	3.8	18.2	8	14.3	73.2	6	9.0	55.8	2	4.4	18.8	1	2.8	9.4
	40-44	3	5.8	28.4	0	0.0	0.0	5	7.5	46.6	1	2.2	9.0	2	5.6	17.6
	45-49	4	7.7	34.1	6	10.7	50.1	6	9.0	49.6	1	2.2	8.4	4	11.1	33.9
	50-54	4	7.7	33.2	5	8.9	41.2	3	4.5	24.7	2	4.4	16.3	3	8.3	24.3
	55-59	3	5.8	24.6	2	3.6	16.5	1	1.5	8.3	0	0.0	0.0	2	5.6	17.4
	60-64	1	1.9	9.4	2	3.6	19.1	1	1.5	9.8	4	8.9	40.2	1	2.8	10.2
	≥65	1	1.9	3.9	2	3.6	8.1	3	4.5	12.5	1	2.2	4.3	0	0.0	0.0
Total		52	100.0	35.1	56	100.0	38.2	67	100.0	46.3	45	100.0	31.6	36	100.0	25.5
Women	13-14	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
	15-19	1	7.1	7.3	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
	20-24	1	7.1	7.8	3	30.0	23.4	2	14.3	15.6	1	9.1	7.7	4	26.7	30.4
	25-29	2	14.3	14.7	1	10.0	7.4	4	28.6	30.5	3	27.3	23.5	3	20.0	23.7
	30-34	1	7.1	7.9	1	10.0	8.1	2	14.3	16.6	1	9.1	8.3	2	13.3	16.8
	35-39	1	7.1	8.2	1	10.0	8.3	2	14.3	16.8	1	9.1	8.6	0	0.0	0.0
	40-44	2	14.3	17.1	1	10.0	8.5	1	7.1	8.4	1	9.1	8.1	1	6.7	7.9
	45-49	2	14.3	15.3	1	10.0	7.6	0	0.0	0.0	1	9.1	7.9	1	6.7	8.0
	50-54	2	14.3	15.5	0	0.0	0.0	1	7.1	7.4	0	0.0	0.0	1	6.7	7.2
	55-59	0	0.0	0.0	1	10.0	7.4	0	0.0	0.0	1	9.1	7.6	1	6.7	7.6
	60-64	1	7.1	7.8	0	0.0	0.0	2	14.3	16.3	1	9.1	8.3	1	6.7	8.6
	≥65	1	7.1	2.9	1	10.0	3.0	0	0.0	0.0	1	9.1	3.2	1	6.7	3.3
Total		14	100.0	8.3	10	100.0	6.0	14	100.0	8.5	11	100.0	6.8	15	100.0	9.3
Total	13-14	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
	15-19	7	10.6	26.1	8	12.1	30.1	6	7.4	22.7	3	5.4	11.7	0	0.0	0.0
	20-24	10	15.2	40.2	10	15.2	40.2	20	24.7	80.8	14	25.0	56.1	13	25.5	51.8
	25-29	12	18.2	46.0	13	19.7	50.7	14	17.3	56.4	13	23.2	54.1	10	19.6	42.0
	30-34	10	15.2	41.3	5	7.6	21.2	10	12.3	43.2	9	16.1	39.5	9	17.6	39.6
	35-39	3	4.5	13.0	9	13.6	39.1	8	9.9	35.4	3	5.4	13.5	1	2.0	4.5
	40-44	5	7.6	22.4	1	1.5	4.5	6	7.4	26.5	2	3.6	8.5	3	5.9	12.5
	45-49	6	9.1	24.2	7	10.6	27.9	6	7.4	23.9	2	3.6	8.1	5	9.8	20.6
	50-54	6	9.1	24.0	5	7.6	19.7	4	4.9	15.6	2	3.6	7.7	4	7.8	15.2
	55-59	3	4.5	11.5	3	4.5	11.7	1	1.2	3.9	1	1.8	4.0	3	5.9	12.2
	60-64	2	3.0	8.5	2	3.0	8.7	3	3.7	13.4	5	8.9	22.8	2	3.9	9.3
	≥65	2	3.0	3.3	3	4.5	5.1	3	3.7	5.3	2	3.6	3.7	1	2.0	1.9
Total		66	100.0	20.8	66	100.0	21.0	81	100.0	26.2	56	100.0	18.3	51	100.0	16.9

NC DHHS, Division of Public Health, HIV/STD/Hepatitis Surveillance Unit, 12/23/2019

¹ Rates are expressed per 100,000 population

Please use caution when interpreting reported numbers less than 10 and the corresponding rates based on these numbers.

Table 8b. Newly Diagnosed HIV (all stages) Annual Rates for Forsyth County, NC based on Gender, Race/Ethnicity and Year of Diagnosis, 2014 – 2018¹

Gender	Race/Ethnicity	2018			2017			2016			2015			2014		
		Cases	%	Rates	Cases	%	Rates	Cases	%	Rates	Cases	%	Rates	Cases	%	Rates
Men	Black/Af. American	29	55.8	78.8	36	64.3	98.9	38	56.7	106.2	31	68.9	87.9	22	61.1	63.2
	Hispanic/Latino	9	17.3	52.4	5	8.9	30.1	9	13.4	56.1	10	22.2	64.6	3	8.3	19.8
	White/Caucasian	14	26.9	15.6	13	23.2	14.5	17	25.4	19.1	4	8.9	4.5	7	19.4	8.0
	Multiple Races	0	0.0	*	2	3.6	*	3	4.5	*	0	0.0	*	4	11.1	*
	Total	52	100.0	35.1	56	100.0	38.2	67	100.0	46.3	45	100.0	31.6	36	100.0	25.5
Women	Black/Af. American	7	50.0	15.1	7	70.0	15.3	10	71.4	22.2	7	63.6	15.7	14	93.3	31.9
	Hispanic/Latino	0	0.0	0.0	0	0.0	0.0	2	14.3	12.8	1	9.1	6.7	1	6.7	6.9
	White/Caucasian	7	50.0	7.0	3	30.0	3.0	1	7.1	1.0	3	27.3	3.0	0	0.0	0.0
	Multiple Races	0	0.0	*	0	0.0	*	1	7.1	*	0	0.0	*	0	0.0	*
	Total	14	100.0	8.3	10	100.0	6.0	14	100.0	8.5	11	100.0	6.8	15	100.0	9.3
Total	Black/Af. American	36	54.5	43.4	43	65.2	52.4	48	59.3	59.4	38	67.9	47.6	36	70.6	45.7
	Hispanic/Latino	9	13.6	26.2	5	7.6	15.2	11	13.6	34.7	11	19.6	36.1	4	7.8	13.5
	White/Caucasian	21	31.8	11.0	16	24.2	8.4	18	22.2	9.6	7	12.5	3.7	7	13.7	3.8
	Multiple Races	0	0.0	*	2	3.0	*	4	4.9	*	0	0.0	*	4	7.8	*
	Total	66	100.0	20.8	66	100.0	21.0	81	100.0	26.2	56	100.0	18.3	51	100.0	16.9

NC DHHS, Division of Public Health, HIV/STD/Hepatitis Surveillance Unit, 12/23/2019

¹ Rates are expressed per 100,000 population

*Rates are not available due to the lack of population data for unknown/unspecified race/ethnicity groups

Please use caution when interpreting reported numbers less than 10 and the corresponding rates based on these numbers.

Table 9. Newly Diagnosed Communicable Disease Annual Rates for Forsyth County, NC by Year of Diagnosis, 2014-2018¹

Communicable Diseases	2018		2017		2016		2015		2014	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
Botulism	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Brucellosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Campylobacter Infection	106	28.0	67	17.8	62	16.7	52	14.1	30	8.2
<i>Candida auris</i> (C. Auris)	0	0.0	^	^	^	^	^	^	^	^
<i>Carbapenem-Resistant Enterobacteriaceae</i> (CRE)	0	0.0	^	^	^	^	^	^	^	^
Chancroid	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chlamydia	2,848	751.3	2,534	673.4	2,631	708.2	2,485	673.4	2,424	663.6
Clostridium perfringens	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Creutzfeldt-Jakob Disease	1	0.3	0	0.0	0	0.0	3	0.8	1	0.3
Cryptosporidiosis	22	5.8	12	3.2	17	4.6	19	5.1	3	0.8
Cyclosporiasis	4	1.1	6	1.6	1	0.3	1	0.3	0	0.0
Dengue	2	0.5	0	0.0	1	0.3	2	0.5	1	0.3
Ehrlichiosis (HGE)	0	0.0	2	0.5	1	0.3	1	0.3	0	0.0
Ehrlichiosis (HME)	1	0.3	2	0.5	1	0.3	0	0.0	0	0.0
Encephalitis Arboviral, WNV	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0
Escherichia coli (E Coli)	31	8.2	27	7.2	25	6.7	10	2.7	5	1.4
Foodborne, Other	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Foodborne Staphylococcal	0	0.0	0	0.0	1	0.3	0	0.0	0	0.0
Gonorrhea	1,170	308.6	966	256.7	1,051	282.9	1,046	283.5	937	256.5
Haemophilus influenza	8	2.1	8	2.1	7	1.9	9	2.4	8	2.2
Hepatitis A	1	0.3	0	0.0	1	0.3	5	1.4	5	1.4
Hepatitis B Acute	13	3.4	8	2.1	1	0.3	3	0.8	5	1.4
Hepatitis B Chronic	42	11.1	39	10.4	39	10.5	43	11.7	40	10.9
Hepatitis C Acute	8	2.1	6	1.6	5	1.3	5	1.4	3	0.8
Hemolytic Uremic Syndrome	0	0.0	1	0.3	0	0.0	0	0.0	1	0.3
HIV (all stages)	66	17.4	66	17.5	81	21.8	56	15.2	51	14.0
Influenza death , pediatric	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0
Influenza, novel influenza A virus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Influenza death, adult	14	3.7	7	1.9	2	0.5	14	3.8	4	1.1
Legionellosis	4	1.1	15	4.0	21	5.7	15	4.1	28	7.7
Leprosy (Hansen's Disease)	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0
Leptospirosis (Weil's disease)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Listeriosis	3	0.8	1	0.3	2	0.5	0	0.0	0	0.0
Lyme disease	7	1.8	10	2.7	15	4.0	4	1.1	10	2.7
Malaria	0	0.0	0	0.0	1	0.3	3	0.8	0	0.0

continued

Forsyth County Department of Public Health, Epidemiology & Surveillance Unit, December 18, 2019

¹ Rates are expressed per 100,000 population

^Became a reportable infectious health condition in 2018/2019

Please use caution when interpreting reported numbers less than 10 and the corresponding rates based on these numbers.

Table 9 (continued). Newly Diagnosed Communicable Disease Annual Rates for Forsyth County, NC by Year of Diagnosis, 2014-2018¹

Communicable Diseases	2018		2017		2016		2015		2014	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
Measles	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis, pneumococcal	1	0.3	2	0.5	3	0.8	0	0.0	4	1.1
Meningococcal, invasive	0	0.0	1	0.3	0	0.0	1	0.3	0	0.0
Middle East Respiratory Syndrome (MERS)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Mumps	1	0.3	1	0.3	0	0.0	2	0.5	0	0.0
Non-Gonococcal Urethritis	188	49.6	198	52.6	318	85.6	305	82.7	250	68.4
Paratyphoid	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Pertussis	29	7.6	31	8.2	51	13.7	33	8.9	46	12.6
Pelvic inflammatory disease (PID)	8	2.1	12	3.2	16	4.3	13	3.5	11	3.0
Psittacosis	0	0.0	0	0.0	1	0.3	0	0.0	0	0.0
Q Fever	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rocky Mountain Spotted Fever	8	2.1	5	1.3	3	0.8	4	1.1	9	2.5
Salmonellosis	86	22.7	78	20.7	85	22.9	62	16.8	57	15.6
Severe acute respiratory syndrome (SARS)-	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Shigellosis	19	5.0	0	0.0	73	19.6	71	19.2	53	14.5
Staphylococcus aureus-VRSA	0	0.0	15	4.0	0	0.0	2	0.5	10	2.7
Staphylococcal, foodborne	0	0.0	0	0.0	1	0.3	0	0.0	0	0.0
Streptococcal infection Group A, Invasive	17	4.5	16	4.3	15	4.0	15	4.1	15	4.1
Syphilis										
Primary & Secondary	54	14.2	57	15.1	55	14.8	49	13.3	31	8.5
Early, non-primary, non-secondary	46	12.1	25	6.6	29	7.8	36	9.8	18	4.9
Unknown Duration or Late Syphilis	41	10.8	47	12.5	50	13.5	43	11.7	45	12.3
Congenital	1	0.3	1	0.3	0	0.0	2	0.5	0	0.0
Toxic Shock Syndrome, streptococcal	2	0.5	3	0.8	3	0.8	1	0.3	2	0.5
Tuberculosis	7	1.8	6	1.6	6	1.6	7	1.9	7	1.9
Tularemia	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Typhoid	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Vibrio Infection, Other	4	1.1	2	0.5	2	0.5	0	0.0	0	0.0
Yersinia	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Zika	0	0.0	0	0.0	7	1.9	0	0.0	0	0.0

Forsyth County Department of Public Health, Epidemiology & Surveillance Unit, December 18, 2019

¹ Rates are expressed per 100,000 population

^Became a reportable infectious health condition in 2018/2019

Please use caution when interpreting reported numbers less than 10 and the corresponding rates based on these numbers.