

2021 SELECTED REPORTABLE COMMUNICABLE DISEASE DATA BRIEF



According to the NC Administrative Code (rule 10A NCAC 41A.0101), 81 communicable disease conditions are legally required to be reported to the Division of Public Health within specified timeframes, depending on the disease. Some of these conditions are rarely if ever reported to occur in Guilford County. The following table includes selected reportable diseases, organized by means of transmission. Please note that some conditions can be transmitted in more than one manner. Hepatitis A, for example, is most commonly transmitted through contaminated food or drink but can also be transmitted through person-to-person contact and Hepatitis C, is typically transmitted through contaminated blood, but in some circumstances, can be transmitted sexually.

Reportable Disease	2017		2018		2019		2020	
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*
<i>Water or Food-Borne Disease</i>								
Campylobacter	38	7.2	13	2.4	79	14.7	48	8.9
Carbapenem Resistant Enterobacteriaceae	NA		NA		6	1.1	3	0.6
Cryptosporidiosis	10	1.9	18	3.4	10	1.9	10	1.8
Escherichia Coli	21	4.0	7	1.3	21	3.9	7	1.3
Listeriosis	0	0.0	2	0.4	1	0.2	2	0.4
Salmonella	45	8.5	48	9.0	95	17.7	75	13.9
Shigellosis	16	3.0	4	0.8	14	2.6	13	2.4
<i>Hepatitises</i>								
Hepatitis A	2	0.4	2	0.4	10	1.9	12	2.2
Hepatitis B (acute)	12	2.3	13	2.4	16	3.0	3	0.6
Hepatitis B (chronic carrier)	30	5.7	29	5.4	86	16.0	46	8.5
Hepatitis B (perinatally acquired) ¹	NA		NA		8 ¹	1.5 ²	6 ¹	1.0 ²
Hepatitis C (acute)	5	0.9	7	1.3	10	1.9	2	0.4
Hepatitis C (chronic carrier)	758	143.8	893	167.5	506	94.1	506	93.6
<i>Sexually Transmitted</i>								
Chlamydia	4,731	897.8	5,162	968.1	5,413	1006.4	4,610	852.9
Gonorrhea	1,713	325.1	1,965	368.5	2,337	434.5	2,221	410.9
Non-Gonococcal Urethritis	NA		NA		172	32.0	73	13.5
Pelvic Inflammatory Disease (PID)	NA		NA		3	0.6	4	0.7
Syphilis (Primary & Secondary)	111	21.1	85	15.9	79	14.7	94	17.4
Syphilis (Early Latent)	178	33.8	148	27.8	98	18.2	73	13.5
HIV – New Infections	132	25.3	114	21.6	124	23.0	93	17.2
HIV – New AIDS Cases	30	5.8	24	4.6	28	5.2	34	6.3

Reportable Disease	2017		2018		2019		2020	
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*
<i>Airborne</i>								
Coronavirus (COVID-19)	NA		NA		NA		47,465	8,781.3
Tuberculosis	21	4.0	17	3.2	11	2.0	10	1.8
Legionellosis	24	4.6	14	2.6	10	1.9	8	1.5
Haemophilus Influenzae	7	1.3	8	1.5	13	2.4	2	0.4
Meningococcal invasive disease	NA		1	0.2	NA		NA	
Meningitis, pneumococcal	2	0.4	5	1.0	1	0.19	1	0.2
Mumps	NA		NA		50	9.3	1	0.2
Pertussis (Whooping Cough)	11	2.1	6	1.1	19	3.5	4	0.7
<i>Vector-borne</i>								
Lyme Disease	8	1.5	1	0.2	1	0.2	1	0.2
Malaria	10	1.9	11	2.1	15	2.8	5	0.9
Rocky Mountain Spotted Fever	22	4.2	0	0.0	11	2.0	1	0.2
Population	526,953		533,213		537,174		540,521	
Resident Live Births	6,218		6,115		6,045		5,927	

Sources: NC Electronic Disease Surveillance System (NCEDSS), 2019 and 2020 data downloaded December 28, 2021; 2019 and 2020 HIV Infection Data, from North Carolina HIV/STD Quarterly Surveillance Report; NC DHHS Communicable Disease Branch.

Technical Notes:

*Rates are expressed per 100,000 population. Please note that rates based on small numbers (fewer than 20 cases) are unstable and should be interpreted with caution. 2019 and 2020 counts and rates include “confirmed” and “probable” case definitions.

¹ 2019 and 2020 Hepatitis B (perinatally acquired) cases were investigated by LHD but not yet reported to CDC. Data source for risk denominator was Resident Live Births.

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For more information about Guilford County health statistics, visit
<https://www.guilfordcountync.gov/our-county/human-services/health-department/health-statistics>

