2019 Selected Reportable Communicable Diseases Data Brief

According to the NC Administrative Code (rule 10A NCAC 41A.0101), 72 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 C, for example, is typically transmitted through contaminated blood, but in some circumstances, can be transmitted sexually.

Reportable Disease	2014		2015		2016		2017		2018	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Water or Food-Borne Disease										
Campylobacter	17	3.3	29	5.6	36	6.9	38	7.2	13	2.4
Cryptosporidiosis	13	2.5	10	1.9	11	2.1	10	1.9	18	3.4
Escherichia Coli	4	0.8	6	1.2	17	3.3	21	4.0	7	1.3
Hepatitis A	4	0.8	0	0.0	5	1.0	2	0.4	2	0.4
Listeriosis	1	0.2	1	0.2	3	0.6	0	0.0	2	0.4
Salmonella	60	11.7	64	12.4	42	8.1	45	8.5	48	9.0
Shigellosis	11	2.1	17	3.3	14	2.7	16	3.0	4	0.8
Blood-Borne										
Hepatitis B (acute)	8	1.6	2	0.4	7	1.3	12	2.3	13	2.4
Hepatitis B (chronic carrier)	41	8.0	21	4.1	29	5.6	30	5.7	29	5.4
Hepatitis C (acute)	8	1.6	4	0.8	4	0.8	5	0.9	7	1.3
Sexually-Transmitted										
Chlamydia	3,563	694.6	4,138	799.5	4,102	786.8	4,731	897.8	5,162	968.1
Gonorrhea	1,271	248.0	1,656	320.0	1,776	340.7	1,713	325.1	1,965	368.5
Syphilis (Primary & Secondary-P&S)	43	8.4	120	23.2	98	18.8	111	21.1	85	15.9
Syphilis (P&S & Early Latent)	90	17.6	199	38.4	176	33.8	178	33.8	148	27.8
HIV Infection (HIV & AIDS)	96	18.7	122	23.6	139	26.6	127	24.5	114*	21.4
Air-borne										
Tuberculosis	20	3.9	21	4.1	19	3.6	21	4.0	14	2.6
Legionellosis	8	1.6	1	0.2	36	6.9	24	4.6	14	2.6
Haemophilus Influenza	13	2.5	7	1.4	7	1.4	7	1.3	8	1.5
Pertussis (Whooping Cough)	6	1.2	12	2.3	10	1.9	11	2.1	6	1.1
Vector-borne										
Lyme Disease	5	1.0	4	0.8	1	0.2	8	1.5	1	0.2
Malaria	6	1.2	2	0.4	13	2.5	10	1.9	11	2.1
Rocky Mountain Spotted Fever	0	0.0	1	0.2	1	0.2	22	4.2	0	0.0
Population	512,119		517,600		521,330		526,953		533,213	

Source: NC Electronic Disease Surveillance System (NCEDSS), 2018 data downloaded June 19, 2019.
*2018 HIV Infection Data preliminary, from North Carolina HIV/STD Quarterly Surveillance Report; NC DHHS Communicable Disease Branch.

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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