

Number of probable and confirmed communicable disease cases in North Carolina by disease for: 1) the current month, 2) the year to date, 3) the average cases for the year to date, 4) the total cases during 2011, 5) and the average (with 95% confidence intervals) of the previous five years.

DISEASE	Cases in May, 2012	Cases During January and May, 2012	Average Cases During January and April, 2007 - 2011	Cases in 2011	Average cases (95% confidence interval) per year 2006 to 2010
Botulism <sup>1</sup>	0	0	1	2	1 (0 – 4)
Campylobacter Infection*	139	436 	243	909	693 (361 – 1,026)
Chlamydia <sup>2</sup>	5,784	23,654	13,055	54,891 	39,161 (29,695 – 48,641)
Cryptosporidiosis	8	43	28	115	114 (22 – 206)
E. coli O157:H7/ STEC Infection*	12	49	35	155	126 (57 – 194)
Ehrlichiosis <sup>3</sup>	5	14	11	107	67 (40 – 174)
Gonorrhea	1,675	6,994	5,846	17,487	15,336 (8,779 – 21,892)
Group A Strep Infection, Invasive	14	74	87	181	143 (81 – 205)
Haemophilus Influenzae	13	48	43	84	86 (7 – 179)
Hepatitis A	6	12	23	31	60 (11 – 109)
Hepatitis B (acute)	8	32	48	124	128 (66 – 190)
Hepatitis B (perinatal)	0	0	0	1	2 (0 – 5)
Hepatitis B (chronic) <sup>4</sup>	101	446	455	1,309 	873 (662 – 1,085)
Hepatitis C (acute)	8	26	13	61	29 (6 – 64)
Influenza Death, Adult <sup>5</sup>	0	7	9	26	50 (0 – 117)
Influenza Death, Pediatric	0	2	3	10	3 (0 – 14)
LaCrosse Encephalitis	0	0	0	24	15 (1 – 31)
Legionellosis	12	20	18	86 	52 (15 – 85)
Listeriosis	2	4	7	21	25 (8 – 42)
Lyme Disease	8	18	19	91	66 (23 – 155)

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Malaria <sup>6</sup>	0	10	13	49	33 (2 – 68)
Measles	0	0	1	2	1 (0 – 4)
Meningococcal Invasive Disease	0	1 	10	15	22 (4 – 48)
Mumps	0	1	4	9	20 (0 – 88)
Pelvic Inflammatory Disease	63	275	170	677 	445 (214 -647)
Pertussis	23	153	86	185	287 (121 – 453)
Spotted Fever Rickettsiosis	8	27	79	332	496 (131 – 1,124)
Rubella	0	0	0	1	0 (0)
Salmonellosis*	254	756 	415	2,517	1,862 (1,019 – 2,705)
Shigellosis*	11	47	85	225	237 (89 – 563)
Toxic Shock Syndrome <sup>7</sup>	1	3	6	16	10 (0 – 26)
Typhoid Fever	0	1	3	8	7 (0 – 14)
Vibrio Infections	0	6	3	15	19 (1 – 38)
West Nile Encephalitis	0	0	0	2	2 (0 – 12)

Does not include HIV, Syphilis and TB. <sup>1</sup>Infant, foodborne and wound botulism cases combined; <sup>2</sup>Chlamydia annual case average calculated for 2008-2010; <sup>3</sup>Includes HE, HME and unspecified; <sup>4</sup>Represents an artificial increase in 2011 due to review and disposition of 2008-2010 cases; <sup>5</sup>Influenza-associated adult deaths became reportable in 2009. <sup>6</sup>All cases are imported; <sup>7</sup>Includes non-streptococcal and streptococcal infections. \*Per CSTE case definition, includes suspect cases.

 = significant increase (≥ 3 standard deviations above average).  = significant decrease (≥ 3 standard deviations below average).

Reportable communicable diseases with NO reported cases in the current year were not included in this report. Because cases are routinely updated, case numbers may change (data was extracted on 5/15/12). Case definitions for these diseases are available at: <http://epi.publichealth.nc.gov/cd/lhds/manuals/cd/toc.html>.



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