

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 October, 2012	Cases Between January and October, 2012	Average Cases Between January and October, 2007 - 2011	Cases in 2011	Average cases (95% confidence interval) per year 2006 to 2010
Botulism ¹	0	1	1	2	1 (0 – 4)
Campylobacter Infection*	66	923 	615	909	693 (361 – 1,026)
Chlamydia ²	5,051	45,348	29,095	54,883 	39,161 (29,695 – 48,641)
Cryptosporidiosis	0	88	94	115	114 (22 – 206)
E. coli O157:H7/ STEC Infection*	9	88	106	155	126 (57 – 194)
Ehrlichiosis ³	20	118	70	107	67 (40 – 174)
Gonorrhea	1,375	12,895	12,932	17,478	15,336 (8,779 – 21,892)
Group A Strep Infection, Invasive	9	129	132	181	143 (81 – 205)
Haemophilus Influenzae	4	84	74	84	86 (7 – 179)
Hepatitis A	5	25	45	31	60 (11 – 109)
Hepatitis B (acute)	8	65 	99	124	128 (66 – 190)
Hepatitis B (perinatal)	0	0	0	1	2 (0 – 5)
Hepatitis B (chronic) ⁴	106	809	835	1,309 	873 (662 – 1,085)
Hepatitis C (acute)	3	53	31	61	29 (6 – 64)
Influenza Death, Adult ⁵	0	7	10	26	50 (0 – 117)
Influenza Death, Pediatric	0	2	3	10	3 (0 – 14)
LaCrosse Encephalitis	4	22	42	24	15 (1 – 31)
Legionellosis	9	61	50	86	52 (15 – 86)
Listeriosis	1	10	21	21	25 (8 – 42)
Lyme Disease	18	89	68	91	66 (23 – 155)

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Malaria ^b	2	26	30	49	33 (2 – 68)
Measles	0	0	1	2	1 (0 – 4)
Meningococcal Invasive Disease	1	5 	16	15	22 (4 – 48)
Mumps	0	1	8	9	20 (0 – 88)
Pelvic Inflammatory Disease	59	567	420	679 	445 (214 -647)
Pertussis**	151	482 	203	185	287 (121 – 453)
Spotted Fever Rickettsiosis	61	491	373	332	496 (131 – 1,124)
Rubella	0	0	0	1	0 (0)
Salmonellosis*	205	1,817	1,616	2,517	1,862 (1,019 – 2,705)
Shigellosis*	10	114	212	225	237 (89 – 563)
Toxic Shock Syndrome ⁷	0	6	9	16	10 (0 – 26)
Typhoid Fever	2	4	6	8	7 (0 – 14)
Vibrio Infections	0	29	13	15	19 (1 – 38)
West Nile Encephalitis	0	6	0	2	2 (0 – 12)

Case counts are based on date cases were closed in the system not disease onset date. Report does not include HIV, Syphilis and TB. ¹Infant, foodborne and wound botulism cases combined; ²Chlamydia annual case average calculated for 2008-2010; ³Includes HE, HME and unspecified; ⁴Represents an artificial increase in 2011 due to review and disposition of 2008-2010 cases; ⁵Influenza-associated adult deaths became reportable in 2009. ⁶All cases are imported; ⁷Includes 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 12/15/12). Case definitions for these diseases are available at: <http://epi.publichealth.nc.gov/cd/lhds/manuals/cd/toc.html>.



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