

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 December, 2012	Cases Between January and December, 2012	Average Cases Between January and December, 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*	41	1,091	725	909	693 (361 – 1,026)
Chlamydia ²	1,991	50,637	34,479	54,883 	39,161 (29,695 – 48,641)
Cryptosporidiosis	0	88	120	115	114 (22 – 206)
E. coli O157:H7/ STEC Infection*	11	208	132	155	126 (57 – 194)
Ehrlichiosis ³	14	133	80	107	67 (40 – 174)
Gonorrhea	559	14,328	15,732	17,478	15,336 (8,779 – 21,892)
Group A Strep Infection, Invasive	10	148	148	181	143 (81 – 205)
Haemophilus Influenzae	8	99	92	84	86 (7 – 179)
Hepatitis A	3	34	50	31	60 (11 – 109)
Hepatitis B (acute)	4	74 	119	124	128 (66 – 190)
Hepatitis B (perinatal)	0	0	2	1	2 (0 – 5)
Hepatitis B (chronic) ⁴	19	888	989	1,309 	873 (662 – 1,085)
Hepatitis C (acute)	4	64	36	61	29 (6 – 64)
Influenza Death, Adult ⁵	19	28	19	26	50 (0 – 117)
Influenza Death, Pediatric	0	2	4	10	3 (0 – 14)
LaCrosse Encephalitis	4	26	44	24	15 (1 – 31)
Legionellosis	2	67	62	86	52 (15 – 86)
Listeriosis	0	14	25	21	25 (8 – 42)
Lyme Disease	32	124	79	91	66 (23 – 155)

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Malaria ^b	8	34	37	49	33 (2 – 68)
Measles	0	0	1	2	1 (0 – 4)
Meningococcal Invasive Disease	1	6	19	15	22 (4 – 48)
Mumps	1	2	9	9	20 (0 – 88)
Pelvic Inflammatory Disease	19	626	510	679 	445 (214 -647)
Pertussis**	62	614 	262	185	287 (121 – 453)
Spotted Fever Rickettsiosis	58	595	418	332	496 (131 – 1,124)
Rubella	0	0	0	1	0 (0)
Salmonellosis*	90	2,208	2,039	2,517	1,862 (1,019 – 2,705)
Shigellosis*	5	137	254	225	237 (89 – 563)
Toxic Shock Syndrome ⁷	0	7	11	16	10 (0 – 26)
Typhoid Fever	0	4	8	8	7 (0 – 14)
Vibrio Infections	1	31	18	15	19 (1 – 38)
West Nile Encephalitis	1	7	7	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 8/12). Case definitions for these diseases are available at: <http://epi.publichealth.nc.gov/cd/lhds/manuals/cd/toc.html>.



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