

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 November, 2012	Cases Between January and November, 2012	Average Cases Between January and November, 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*	136	1,050	687	909	693 (361 – 1,026)
Chlamydia ²	3,419	48,659	31739	54,883 	39,161 (29,695 – 48,641)
Cryptosporidiosis	0	88	115	115	114 (22 – 206)
E. coli O157:H7/ STEC Infection*	110	197	126	155	126 (57 – 194)
Ehrlichiosis ³	2	120	73	107	67 (40 – 174)
Gonorrhea	901	13,777	14135	17,478	15,336 (8,779 – 21,892)
Group A Strep Infection, Invasive	9	138	141	181	143 (81 – 205)
Haemophilus Influenzae	7	91	83	84	86 (7 – 179)
Hepatitis A	6	31	46	31	60 (11 – 109)
Hepatitis B (acute)	6	70 	107	124	128 (66 – 190)
Hepatitis B (perinatal)	0	0	0	1	2 (0 – 5)
Hepatitis B (chronic) ⁴	62	871	905	1,309 	873 (662 – 1,085)
Hepatitis C (acute)	7	60	34	61	29 (6 – 64)
Influenza Death, Adult ⁵	1	8	14	26	50 (0 – 117)
Influenza Death, Pediatric	0	2	4	10	3 (0 – 14)
LaCrosse Encephalitis	0	22	42	24	15 (1 – 31)
Legionellosis	5	65	56	86	52 (15 – 86)
Listeriosis	4	14	23	21	25 (8 – 42)
Lyme Disease	0	89	71	91	66 (23 – 155)

DISEASE	Cases in November, 2012	Cases Between January and November, 2012	Average Cases Between January and November, 2007 - 2011	Cases in 2011	Average cases (95% confidence interval) per year 2006 to 2010
Malaria ^b	0	26	32	49	33 (2 – 68)
Measles	0	0	1	2	1 (0 – 4)
Meningococcal Invasive Disease	0	5	18	15	22 (4 – 48)
Mumps	0	1	8	9	20 (0 – 88)
Pelvic Inflammatory Disease	40	607	455	679 	445 (214 -647)
Pertussis**	47	529 	233	185	287 (121 – 453)
Spotted Fever Rickettsiosis	47	538	390	332	496 (131 – 1,124)
Rubella	0	0	0	1	0 (0)
Salmonellosis*	322	2,118	1,913	2,517	1,862 (1,019 – 2,705)
Shigellosis*	21	132	236	225	237 (89 – 563)
Toxic Shock Syndrome ⁷	1	7	9	16	10 (0 – 26)
Typhoid Fever	0	4	7	8	7 (0 – 14)
Vibrio Infections	1	30	17	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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