

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 September, 2012	Cases January to September, 2012	Average Cases January to September, 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*	91	857 	556	909	693 (361 – 1,026)
Chlamydia ²	4,649	40,494	25,851	54,883 	39,161 (29,695 – 48,641)
Cryptosporidiosis	30	88	82	115	114 (22 – 206)
E. coli O157:H7/ STEC Infection*	8	79	93	155	126 (57 – 194)
Ehrlichiosis ³	25	99	62	107	67 (40 – 174)
Gonorrhea	1,264	11,573	11,191	17,478	15,336 (8,779 – 21,892)
Group A Strep Infection, Invasive	9	120	125	181	143 (81 – 205)
Haemophilus Influenzae	8	80	69	84	86 (7 – 179)
Hepatitis A	5	20	42	31	60 (11 – 109)
Hepatitis B (acute)	6	58	90	124	128 (66 – 190)
Hepatitis B (perinatal)	0	0	0	1	2 (0 – 5)
Hepatitis B (chronic) ⁴	57	704	755	1,309 	873 (662 – 1,085)
Hepatitis C (acute)	4	50	28	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	12	18	38	24	15 (1 – 31)
Legionellosis	9	52	44	86	52 (15 – 86)
Listeriosis	0	9	18	21	25 (8 – 42)
Lyme Disease	11	71	60	91	66 (23 – 155)

DISEASE	Cases in September, 2012	Cases January to September, 2012	Average Cases January to September, 2007 - 2011	Cases in 2011	Average cases (95% confidence interval) per year 2006 to 2010
Malaria ^b	4	24	26	49	33 (2 – 68)
Measles	0	0	1	2	1 (0 – 4)
Meningococcal Invasive Disease	1	4	15	15	22 (4 – 48)
Mumps	0	1	7	9	20 (0 – 88)
Pelvic Inflammatory Disease	54	517	364	679	445 (214 -647)
Pertussis	25	331	180	185	287 (121 – 453)
Spotted Fever Rickettsiosis	192	431	336	332	496 (131 – 1,124)
Rubella	0	0	0	1	0 (0)
Salmonellosis*	213	1,612	1,358	2,517	1,862 (1,019 – 2,705)
Shigellosis*	13	104	194	225	237 (89 – 563)
Toxic Shock Syndrome ⁷	1	6	9	16	10 (0 – 26)
Typhoid Fever	0	2	5	8	7 (0 – 14)
Vibrio Infections	12	29	11	15	19 (1 – 38)
West Nile Encephalitis	1	6	0	2	2 (0 – 12)

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 11/15/12). Case definitions for these diseases are available at: <http://epi.publichealth.nc.gov/cd/lhds/manuals/cd/toc.html>.



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