

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 August, 2012	Cases January to August, 2012	Average Cases January to August, 2007 - 2011	Cases in 2011	Average cases (95% confidence interval) per year 2006 to 2010
Botulism ¹	1	1	1	2	1 (0 – 4)
Campylobacter Infection*	182	766 	477	909	693 (361 – 1,026)
Chlamydia ²	3,835	35,850	22,768	54,883 	39,161 (29,695 – 48,641)
Cryptosporidiosis	0	58	65	115	114 (22 – 206)
E. coli O157:H7/ STEC Infection*	14	71	80	155	126 (57 – 194)
Ehrlichiosis ³	24	74	51	107	67 (40 – 174)
Gonorrhea	963	10,310	9,872	17,478	15,336 (8,779 – 21,892)
Group A Strep Infection, Invasive	13	111	120	181	143 (81 – 205)
Haemophilus Influenzae	9	72	63	84	86 (7 – 179)
Hepatitis A	2	15	37	31	60 (11 – 109)
Hepatitis B (acute)	10	52	64	124	128 (66 – 190)
Hepatitis B (perinatal)	0	0	0	1	2 (0 – 5)
Hepatitis B (chronic) ⁴	98	647	679	1,309 	873 (662 – 1,085)
Hepatitis C (acute)	3	46	24	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	6	3	24	15 (1 – 31)
Legionellosis	9	43	37	86	52 (15 – 86)
Listeriosis	4	9	14	21	25 (8 – 42)
Lyme Disease	15	60	49	91	66 (23 – 155)

DISEASE	Cases in August, 2012	Cases January to August, 2012	Average Cases January to August, 2007 - 2011	Cases in 2011	Average cases (95% confidence interval) per year 2006 to 2010
Malaria ^b	2	20	22	49	33 (2 – 68)
Measles	0	0	1	2	1 (0 – 4)
Meningococcal Invasive Disease	0	3	15	15	22 (4 – 48)
Mumps	0	1	6	9	20 (0 – 88)
Pelvic Inflammatory Disease	50	463	316	677 	445 (214 -647)
Pertussis	40	306	161	185	287 (121 – 453)
Spotted Fever Rickettsiosis	57	239	285	332	496 (131 – 1,124)
Rubella	0	0	0	1	0 (0)
Salmonellosis*	398	1,399	1,052	2,517	1,862 (1,019 – 2,705)
Shigellosis*	18	91	172	225	237 (89 – 563)
Toxic Shock Syndrome ⁷	0	5	8	16	10 (0 – 26)
Typhoid Fever	1	2	5	8	7 (0 – 14)
Vibrio Infections	2	17	8	15	19 (1 – 38)
West Nile Encephalitis	5	5 	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 10/15/12). Case definitions for these diseases are available at: <http://epi.publichealth.nc.gov/cd/lhds/manuals/cd/toc.html>.



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