

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 March, 2012	Cases During January and March, 2012	Average Cases During January and March, 2007 - 2011	Cases in 2011	Average cases (95% confidence interval) per year 2006 to 2010
Botulism ¹	0	0	0	2	1 (0 – 4)
Campylobacter Infection*	94	263	127	909	693 (361 – 1,026)
Chlamydia ²	4,569	13,831	7,358	54,891 	39,161 (29,695 – 48,641)
Cryptosporidiosis	35	35	15	115	114 (22 – 206)
E. coli O157:H7/ STEC Infection*	13	33	15	155	126 (57 – 194)
Ehrlichiosis ³	4	5	4	107	67 (40 – 174)
Gonorrhea	1,341	4,236	3,440	17,487	15,336 (8,779 – 21,892)
Group A Strep Infection, Invasive	14	47	51	181	143 (81 – 205)
Haemophilus Influenzae	15	30	24	84	86 (7 – 179)
Hepatitis A	1	5	12	31	60 (11 – 109)
Hepatitis B (acute)	6	16	29	124	128 (66 – 190)
Hepatitis B (perinatal)	0	0	0	1	2 (0 – 5)
Hepatitis B (chronic) ⁴	85	280	277	1,309 	873 (662 – 1,085)
Hepatitis C (acute)	7	14	7	61	29 (6 – 64)
Influenza Death, Adult ⁵	3	5	9	26	50 (0 – 117)
Influenza Death, Pediatric	0	1	3	10	3 (0 – 14)
LaCrosse Encephalitis	0	0	0	24	15 (1 – 31)
Legionellosis	2	7	9	86 	52 (15 – 85)
Listeriosis	0	2	3	21	25 (8 – 42)
Lyme Disease	6	7	9	75	66 (23 – 155)

DISEASE	Cases in March, 2012	Cases During January and March, 2012	Average Cases During January and March, 2007 - 2011	Cases in 2011	Average cases (95% confidence interval) per year 2006 to 2010
Malaria ⁶	6	7	8	49	33 (2 – 68)
Measles	0	0	1	2	1 (0 – 4)
Meningococcal Invasive Disease	1	1	7	15	22 (4 – 48)
Mumps	1	1	2	9	20 (0 – 88)
Pelvic Inflammatory Disease	41	165	107	677 	445 (214 -647)
Pertussis	31	44	59	185	287 (121 – 453)
Spotted Fever Rickettsiosis	13	17	24	332	496 (131 – 1,124)
Rubella	0	0	0	1	0 (0)
Salmonellosis*	194	430	219	2,517	1,862 (1,019 – 2,705)
Shigellosis*	12	28	48	225	237 (89 – 563)
Toxic Shock Syndrome ⁷	1	1	3	16	10 (0 – 26)
Typhoid Fever	0	1	2	8	7 (0 – 14)
Vibrio Infections	6	6	2	15	19 (1 – 38)
West Nile Encephalitis	0	0	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 2/21/12). Case definitions for these diseases are available at: <http://epi.publichealth.nc.gov/cd/lhds/manuals/cd/toc.html>.



North Carolina Division of Public Health
Epidemiology Section, Communicable Disease Branch
Megan Davies, State Epidemiologist

