






Number of probable and confirmed communicable disease cases in North Carolina by disease for: 1) the current month, 2) the year 2011, 3) the year 2010, 4) and the average (with 95% confidence intervals) of previous five years (2006 to 2010).

DISEASE	Cases in December, 2011	Cases in 2011	Cases in 2010	Average cases (95% confidence interval) per year 2006 to 2010
Botulism <sup>1</sup>	0	2	0	1 (0 – 4)
Campylobacter Infection	39	909	851	693 (361 – 1,026)
Chlamydia <sup>2</sup>	5,532	54,894 	42,171	39,161 (29,695 – 48,641)
Cryptosporidiosis	0	115	94	114 (22 – 206)
E. coli O157:H7 or other STEC Infection	6	155	97	126 (57 – 194)
Ehrlichiosis <sup>3</sup>	6	96	130	67 (40 – 174)
Gonorrhea	1,710	17,485	14,159	15,336 (8,779 – 21,892)
Group A Strep Infection, Invasive	10	181	152	143 (81 – 205)
Haemophilus Influenzae	10	85	128	86 (7 – 179)
Hepatitis A	5	30	48	60 (11 – 109)
Hepatitis B (acute)	10	123	123	128 (66 – 190)
Hepatitis B (perinatal)	0	1	2	2 (0 – 5)
Hepatitis B (chronic) <sup>4</sup>	90	1,281 	883	873 (662 – 1,085)
Hepatitis C (acute)	5	61	39	29 (6 – 64)
Influenza Death, Adult <sup>5</sup>	0	26	26	50 (0 – 152)
Influenza Death, Pediatric	0	10	0	3 (0 – 14)
LaCrosse Encephalitis	0	24	22	15 (1 – 31)
Legionellosis	13	85	64	52 (15 – 89)
Listeriosis	2	21	22	25 (8 – 42)
Lyme Disease	8	75	89	66 (23 – 155)

DISEASE	Cases in December, 2011	Cases in 2011	Cases in 2010	Average cases (95% confidence interval) per year 2006 to 2010
Malaria <sup>6</sup>	9	43	52	33 (2 – 68)
Measles	0	2	0	1 (0 – 4)
Meningococcal Invasive Disease	2	15	14	22 (4 – 48)
Mumps	0	9	10	20 (0 – 88)
Pelvic Inflammatory Disease	72	677 	513	445 (214 -647)
Pertussis	18	126	343	287 (121 – 453)
Spotted Fever Rickettsiosis	35	305	292	496 (131 – 1,124)
Rubella	0	1	0	0 (0)
Salmonellosis	126	2,516	2,352	1,862 (1,019 – 2,705)
Shigellosis	11	225	253	237 (89 – 563)
Toxic Shock Syndrome <sup>7</sup>	4	16	12	10 (0 – 26)
Typhoid Fever	1	8	9	7 (0 – 14)
Vibrio Infections	0	15	28	19 (1 – 38)
West Nile Encephalitis	0	2	0	2 (0 – 12)

<sup>1</sup>Infant, foodborne and wound botulism cases combined; <sup>2</sup>Chlamydia annual case average calculated for 2008-2010; <sup>3</sup>Includes HE, HME and unspecified; <sup>4</sup>Represents an artificial increase in 2011 due to review and disposition of 2008-2010 cases; <sup>5</sup>Influenza-associated adult deaths became reportable in 2010. <sup>6</sup>All cases are imported; <sup>7</sup>Includes non-streptococcal and streptococcal infections.

 = significant increase ( $\geq 3$  standard deviations above average).  = significant decrease ( $\geq 3$  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 1/11/12). Case definitions for these diseases are available at: <http://www.epi.state.nc.us/epi/gcdc/manual/toc.html>.



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