

April 2013 Monthly Report

| | Cases in April, 2013 | Cases January - April, 2013 | Average cases January - April, 2008-2012 | Cases in 2012 | Average cases per year, 2008-2012 |
|---|----------------------------|--------------------------------------|--|------------------|--|
| General Communicable Diseases | | | | | |
| Anthrax | 0 | 0 | 0 | 0 | 0 |
| Botulism ¹ | 0 | 0 | 0 | 1 | 1 |
| Brucellosis | 0 | 0 | 0 | 5 | 2 |
| Campylobacter Infection* | 17 | 222 | 207 | 1,141 | 834 |
| Cholera | 0 | 0 | 0 | 0 | 0 |
| Creutzfeldt-Jakob Disease | 4 | 6 | 4 | 18 | 12 |
| Cryptosporidiosis | 8 | 50 | ↑ | 23 | 89 |
| Cyclosporiasis | 0 | 0 | 0 | 2 | 1 |
| Dengue | 1 | 2 | 1 | 8 | 6 |
| E. Coli O157:H7/STEC Infection* | 2 | 23 | 29 | 223 | 149 |
| Ehrlichiosis ² | 0 | 3 | 8 | 209 | 156 |
| Encephalitis, Arboviral Other | 0 | 0 | 0 | 0 | 1 |
| Encephalitis, California group (e.g. Lacrosse) | 0 | 0 | 1 | 29 | 50 |
| Encephalitis, Eastern Equine | 0 | 0 | 0 | 2 | 2 |
| Encephalitis, West Nile | 0 | 0 | 0 | 18 | 11 |
| Foodborne - C. perfringens | 0 | 1 | 0 | 0 | 0 |
| Foodborne - Staphylococcal | 0 | 0 | 1 | 2 | 3 |
| Foodborne Other | 0 | 0 | 6 | 2 | 11 |
| Haemophilus Influenzae | 8 | 57 | ↑ | 33 | 99 |
| Hantavirus | 0 | 0 | 0 | 0 | 0 |
| Hemolytic Uremic Syndrome | 0 | 0 | 1 | 7 | 6 |
| Hemorrhagic Fever Virus infection | 0 | 0 | 0 | 0 | 0 |
| Hepatitis A | 1 | 21 | 16 | 34 | 43 |
| Hepatitis C - Acute | 3 | 15 | 12 | 64 | 46 |
| Influenza death (<18 years old) | 0 | 0 | 3 | 2 | 4 |
| Influenza, Adult Death (18 years of age or more) ³ | 7 | 35 | 11 | 28 | 24 |
| Influenza, NOVEL virus infection ⁴ | 0 | 0 | 3 | 0 | 224 |
| Legionellosis | 0 | 16 | 13 | 69 | 66 |
| Leprosy (Hansen's Disease) | 0 | 0 | 0 | 1 | 0 |
| Leptospirosis | 0 | 0 | 0 | 0 | 1 |
| Listeriosis | 1 | 4 | 5 | 14 | 21 |
| Lyme disease | 3 | 13 | 14 | 202 | 245 |
| Malaria ⁵ | 6 | 8 | 10 | 34 | 41 |
| Meningococcal Invasive Disease | 1 | 7 | 8 | 6 | 16 |
| Monkeypox | 0 | 0 | 0 | 0 | 0 |
| Plague | 0 | 0 | 0 | 0 | 0 |
| Pneumococcal meningitis | 2 | 20 | ↑ | 15 | 31 |
| Psittacosis | 0 | 0 | 0 | 0 | 0 |
| Q Fever | 0 | 1 | 1 | 9 | 4 |
| Rabies - Human | 0 | 0 | 0 | 0 | 0 |
| Salmonellosis* | 37 | 306 | 336 | 2,214 | 2,134 |
| SARS | 0 | 0 | 0 | 0 | 0 |
| Shigellosis | 8 | 44 | 64 | 138 | 259 |
| Spotted Fever Rickettsiosis | 1 | 7 | 27 | 931 | 611 |
| Staphylococcus aureus - VISA/VRSA | 0 | 0 | 1 | 2 | 2 |
| Streptococcal infection Group A, Invasive | 19 | 71 | 69 | 148 | 146 |
| Toxic Shock Syndrome, non-streptococcal | 0 | 1 | ↑ | 0 | 1 |
| Toxic Shock Syndrome, streptococcal | 2 | 6 | 3 | 7 | 8 |
| Trichinosis | 0 | 0 | 0 | 0 | 0 |
| Tuberculosis ⁶ | - | - | - | 211 | 267 |
| Tularemia | 0 | 2 | 1 | 1 | 2 |

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|-------------------------|----------------------|-----------------------------|--|---------------|-----------------------------------|
| Typhoid acute | 2 | 2 | 2 | 4 | 7 |
| Typhoid carrier | 0 | 0 | 0 | 0 | 0 |
| Typhus | 0 | 0 | 0 | 0 | 0 |
| Vaccinia | 0 | 0 | 0 | 0 | 0 |
| Vibrio Infection, Other | 0 | 11 | 2 | 24 | 16 |
| Vibrio Vulnificus | 0 | 0 | 1 | 7 | 4 |
| Yellow Fever | 0 | 0 | 0 | 0 | 0 |

Vaccine Preventable Diseases

| | | | | | |
|-------------------------|----|-----|-----|-----|-------|
| Diphtheria | 0 | 0 | 0 | 0 | 0 |
| Hepatitis B - Acute | 1 | 17 | 36 | 74 | 111 |
| Hepatitis B - Chronic | 93 | 290 | 377 | 889 | 1,002 |
| Hepatitis B - Perinatal | 0 | 0 | 0 | 0 | 2 |
| Measles | 0 | 0 | 0 | 0 | 0 |
| Mumps | 0 | 0 | 3 | 2 | 8 |
| Pertussis | 49 | 135 | 74 | 613 | 322 |
| Polio | 0 | 0 | 0 | 0 | 0 |
| Rubella | 0 | 0 | 0 | 0 | 0 |
| Rubella - congenital | 0 | 0 | 0 | 0 | 0 |
| Tetanus | 0 | 0 | 0 | 0 | 0 |

Sexually Transmitted Diseases

| | | | | | |
|--|-------|--------|--------|--------|--------|
| Chancroid | 0 | 0 | 1 | 1 | 3 |
| Chlamydia | 3,845 | 17,145 | 13,389 | 50,650 | 44,603 |
| Gonorrhea | 1,091 | 4,676 | 4,903 | 14,335 | 15,274 |
| Granuloma inguinale | 0 | 0 | 0 | 0 | 2 |
| HIV disease (new diagnoses) ⁷ | - | - | - | 1,409 | 1,562 |
| Lymphogranuloma venereum | 0 | 0 | 0 | 0 | 1 |
| Non-gonococcal urethritis | 341 | 1,575 | 1,379 | 5,664 | 4,739 |
| Ophthalmia neonatorum | 0 | 0 | 0 | 0 | 0 |
| Pelvic Inflammatory Disease | 34 | 164 | 169 | 626 | 560 |
| Syphilis ^{7,8} | 85 | 149 | 399 | 1,048 | 1,205 |

Case counts are based on date cases were closed in the system, not disease onset date.

¹ Infant, foodborne and wound botulism cases combined; ² Includes human monocytic ehrlichiosis, human granulocytic ehrlichiosis, human ehrlichiosis-*other*, and unspecified; ³ Influenza-associated adult deaths became reportable in 2009; ⁴ Influenza, novel virus infection reported cases were associated with the 2009 H1N1 influenza pandemic; ⁵ All cases are imported; ⁶ For specific TB data, see <http://epi.publichealth.nc.gov/cd/tb/figures.html>; ⁷ For specific HIV/STD data, see <http://epi.publichealth.nc.gov/cd/stds/figures.html>; ⁸ Includes all stages, as well as neurosyphilis and congenital syphilis.

*Per CDC case definition, includes suspect cases.

▲ = significant increase (≥ 3 standard deviations above average). ▼ = significant decrease (≥ 3 standard deviations below average).

Because cases are routinely updated, case numbers may change (data were extracted on 8/29/13).

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



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