# October 2013 Monthly Report

| | Cases in October, 2013 | Cases January - October, 2013 | Average cases January - October, 2008-2012 | Cases in 2012 | Average cases per year, 2008-2012 |
|---|---|---|---|---|---|
| **General Communicable Diseases** | | | | | |
| Anthrax | 0 | 0 | 0 | 0 | 0 |
| Botulism[1] | 0 | 0 | 1 | 1 | 1 |
| Brucellosis | 0 | 0 | 1 | 5 | 2 |
| Campylobacter Infection* | 78 | 859 | 689 | 1,091 | 824 |
| Cholera | 0 | 0 | 0 | 0 | 0 |
| Creutzfeldt-Jakob Disease | 2 | 20 | 9 | 18 | 12 |
| Cryptosporidiosis | 5 | 109 | 88 | 88 | 111 |
| Cyclosporiasis | 0 | 0 | 1 | 2 | 1 |
| Dengue | 4 | 13 | 5 | 8 | 6 |
| E. Coli O157:H7/STEC Infection* | 11 | 80 | 97 | 208 | 146 |
| Ehrlichiosis[2] | 4 | 76 | 82 | 133 | 95 |
| Encephalitis, Arboviral Other | 0 | 0 | 2 | 0 | 2 |
| Encephalitis, California group (e.g. La Crosse) | 2 | 9 | 46 | 26 | 49 |
| Encephalitis, Eastern Equine | 0 | 1 | 2 | 2 | 2 |
| Encephalitis, West Nile | 1 | 3 | 8 | 7 | 8 |
| Foodborne - C. perfringens | 0 | 1 | 0 | 0 | 0 |
| Foodborne - Staphylococcal | 0 | 3 | 2 | 2 | 3 |
| Foodborne Other | 0 | 2 | 11 | 3 | 11 |
| Haemophilus Influenzae | 14 | 130 | 82 | 99 | 100 |
| Hantavirus | 0 | 0 | 0 | 0 | 0 |
| Hemolytic Uremic Syndrome | 2 | 6 | 3 | 7 | 6 |
| Hemorrhagic Fever Virus infection | 0 | 0 | 0 | 0 | 0 |
| Hepatitis A | 5 | 43 | 37 | 34 | 43 |
| Hepatitis C - Acute | 3 | 46 | 39 | 64 | 46 |
| Influenza death (<18 years old) | 0 | 0 | 4 | 2 | 4 |
| Influenza, Adult Death (18 years of age or more)[3] | 0 | 38 | 12 | 28 | 24 |
| Influenza, NOVEL virus infection[4] | 0 | 0 | 224 | 0 | 224 |
| Legionellosis | 7 | 75 | 54 | 67 | 65 |
| Leprosy (Hansen's Disease) | 0 | 1 | 0 | 1 | 0 |
| Leptospirosis | 0 | 0 | 0 | 0 | 1 |
| Listeriosis | 4 | 17 | 17 | 14 | 21 |
| Lyme disease | 25 | 145 | 🔺 | 77 | 124 | 94 |
| Malaria[5] | 3 | 20 | 32 | 34 | 40 |
| Meningococcal Invasive Disease | 0 | 10 | 13 | 6 | 16 |
| Monkeypox | 0 | 0 | 0 | 0 | 0 |
| Plague | 0 | 0 | 0 | 0 | 0 |
| Pneumococcal meningitis | 3 | 31 | 25 | 31 | 30 |
| Psittacosis | 0 | 0 | 0 | 0 | 0 |
| Q Fever | 0 | 6 | 3 | 9 | 4 |
| Rabies - Human | 0 | 1 | 🔺 | 0 | 0 | 0 |
| Salmonellosis* | 303 | 1,499 | 1,655 | 2,208 | 2,133 |
| SARS | 0 | 0 | 0 | 0 | 0 |
| Shigellosis | 16 | 133 | 213 | 137 | 259 |
| Spotted Fever Rickettsiosis | 46 | 365 | 352 | 594 | 417 |
| Staphylococcus aureus - VISA/VRSA | 0 | 2 | 2 | 2 | 2 |
| Streptococcal infection Group A, Invasive | 14 | 157 | 129 | 148 | 146 |
| Toxic Shock Syndrome, non-streptococcal | 0 | 1 | 0 | 0 | 1 |
| Toxic Shock Syndrome, streptococcal | 1 | 9 | 7 | 7 | 8 |
| Trichinosis | 0 | 1 | 🔺 | 0 | 0 | 0 |
| Tuberculosis[6] | - | - | - | 211 | 267 |

| | | | | | |
|---|---|---|---|---|---|
| Tularemia | 0 | 2 | 2 | 1 | 2 |
| Typhoid acute | 0 | 4 | 6 | 4 | 7 |
| Typhoid carrier | 0 | 0 | 0 | 0 | 0 |
| Typhus | 0 | 0 | 0 | 0 | 0 |
| Vaccinia | 0 | 0 | 0 | 0 | 0 |
| Vibrio Infection, Other | 1 | 21 | 11 | 24 | 16 |
| Vibrio Vulnificus | 0 | 4 | 4 | 7 | 4 |
| Yellow Fever | 0 | 0 | 0 | 0 | 0 |

**Vaccine Preventable Diseases**

| | | | | | |
|---|---|---|---|---|---|
| Diphtheria | 0 | 0 | 0 | 0 | 0 |
| Hepatitis B - Acute | 5 | 51 | 92 | 74 | 111 |
| Hepatitis B - Chronic | 40 | 680 | 846 | 889 | 1,002 |
| Hepatitis B - Perinatal | 0 | 1 | 2 | 0 | 2 |
| Measles | 0 | 22  | 0 | 0 | 0 |
| Mumps | 2 | 5 | 6 | 2 | 8 |
| Pertussis | 36 | 483 | 243 | 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 | 2 | 1 | 3 |
| Chlamydia | 4,505 | 42,167 | 38,052 | 50,650 | 44,602 |
| Gonorrhea | 1,281 | 11,769 | 13,154 | 14,335 | 15,273 |
| Granuloma inguinale | 0 | 0 | 2 | 0 | 2 |
| HIV disease (new diagnoses)[7] | - | - | - | 1,409 | 1,562 |
| Lymphogranuloma venereum | 0 | 0 | 1 | 0 | 1 |
| Non-gonococcal urethritis | 385 | 3,938 | 4,016 | 5,663 | 4,739 |
| Ophthalmia neonatorum | 0 | 0 | 0 | 0 | 0 |
| Pelvic Inflammatory Disease | 64 | 444 | 477 | 626 | 560 |
| Syphilis[7,8] | 144 | 934 | 1,016 | 1,046 | 1,204 |

*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 11/6/13).**
**Case definitions for these diseases are available at: http://epi.publichealth.nc.gov/cd/lhds/manuals/cd/toc.html.**

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