



Mecklenburg County Health Department Reportable Communicable Diseases

Reported to NC Department of Health and Human Services
Reflects report dates, not always onset dates

Monthly Report: OCTOBER 2015
Preliminary Figures

HIV/AIDS & Syphilis case reports are currently unavailable due to changes in reporting system

| | | January | February | March | April | May | June | July | August | September | October | November | December | 2015 Total Cases (Year-to-Date) | OCTOBER 3-yr Avg. | Year-to-Date (3 Year Average) | |
|-------------------------------------|---|-----------------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|------------------------------------|-------------------|----------------------------------|------|
| | | DISEASES | | | | | | | | | | | | | | | |
| Sexually Transmitted and Bloodborne | AIDS** 1,3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Chancroid** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Chlamydia (Laboratory confirmed) ³ | 1141 | 950 | 807 | 661 | 575 | 655 | 631 | 747 | 629 | 568 | | | | 7364 | 518 | 5435 |
| | Gonorrhea** ³ | 149 | 412 | 275 | 215 | 176 | 221 | 209 | 222 | 210 | 202 | | | | 2291 | 165 | 1701 |
| | Granuloma Inguinale** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 |
| | Hep. Type B, Acute** | 2 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 3 | 0 | | | | 10 | 1 | 6 |
| | Hep. Type B, Carrier | 15 | 16 | 16 | 6 | 5 | 24 | 6 | 16 | 7 | 15 | | | | 126 | 10 | 126 |
| | Perinatal Hepatitis B** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 |
| | Hep. Type C, Acute | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | | | | 3 | 0 | 2 |
| | HIV Disease** ^{1,3} | - | - | - | - | - | - | - | - | - | - | | | | - | - | - |
| | Lymphogranuloma Venereum | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 |
| | Nongonococcal Urethritis (NGU) | 24 | 21 | 42 | 30 | 20 | 15 | 22 | 21 | 17 | 6 | | | | 218 | 12 | 137 |
| | Pelvic Inflammatory Disease (PID) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | | | | 1 | 1 | 7 |
| Syphilis** ^{1,3} | - | - | - | - | - | - | - | - | - | - | | | | - | - | - | |
| Congenital Syphilis** ³ | - | - | - | - | - | - | - | - | - | - | | | | - | - | - | |
| Enteric, Food and Waterborne | Botulism ² | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | | | | 1 | 0 | 0 |
| | Campylobacter Infection** | 7 | 2 | 2 | 1 | 5 | 3 | 15 | 13 | 7 | 4 | | | | 59 | 6 | 57 |
| | Cholera** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 |
| | Cryptosporidiosis** | 2 | 0 | 0 | 0 | 0 | 6 | 1 | 3 | 4 | 10 | | | | 26 | 0 | 9 |
| | Cyclosporiasis** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 1 |
| | C. perfringens** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 |
| | E. coli, Shiga toxin-producing** | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | | | | 5 | 0 | 5 |
| | Hepatitis A** | 0 | 1 | 1 | 1 | 1 | 2 | 1 | 0 | 1 | 0 | | | | 8 | 1 | 5 |
| | Hemolytic-Uremic Syndrome** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 1 |
| | Legionellosis | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 1 | | | | 6 | 0 | 5 |
| | Listeriosis** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 |
| | Salmonellosis** | 7 | 3 | 7 | 0 | 9 | 5 | 37 | 20 | 17 | 27 | | | | 132 | 22 | 147 |
| | Shigellosis** | 7 | 3 | 2 | 0 | 1 | 0 | 2 | 6 | 3 | 20 | | | | 44 | 6 | 58 |
| | Staphylococcal (food poisoning)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 |
| | Trichinosis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 |
| | Typhoid, Acute** | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | | | | 1 | 0 | 1 |
| | Typhoid, Carrier** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 |
| | Vibrio Vulnificus | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 |
| | Vibrio Infection (other than cholera) ** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 1 |
| Other or Unknown Foodborne** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 | |
| Vaccine Preventable | Diphtheria** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | 0 | 0 | 0 |
| | Hemophilus influenzae, invasive disease** | 2 | 2 | 3 | 1 | 2 | 2 | 0 | 0 | 1 | 0 | | | | 13 | 1 | 8 |
| | Influenza Death ** | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 9 | 0 | 4 |
| | Measles (Rubeola), Total** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 |
| | Measles, Indigenous | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 |
| | Measles, Imported | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 |
| | Mumps | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | | | | 3 | 0 | 1 |
| | Pertussis (whooping cough)** | 2 | 8 | 1 | 0 | 2 | 2 | 0 | 2 | 1 | 0 | | | | 18 | 4 | 30 |
| | Polio, paralytic** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 |
| | Rubella** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 |
| Rubella, Congenital Syndrome | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 | |
| Tetanus | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 | |

DISEASES

| | January | February | March | April | May | June | July | August | September | October | November | December | 2015 Total Cases (Year-to-Date) | OCTOBER 3-yr Avg. | Year-to-Date (3-Year Average) |
|--|--|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|------------------------------------|-------------------|----------------------------------|
| Direct Contact and Respiratory | Influenza, Novel Virus Infection* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 |
| | Severe Acute Respiratory Syndrome (SARS)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 |
| | Smallpox ² | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 |
| | VRSA (<i>Staphylococcal aureus</i> with reduced susceptibility to Vancomycin)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 1 |
| | Streptococcal infections, Group A invasive | 1 | 1 | 3 | 1 | 2 | 4 | 0 | 0 | 3 | 0 | | 15 | 2 | 21 |
| | Tuberculosis** | 0 | 0 | 0 | 2 | 3 | 1 | 5 | 2 | 4 | | | 19 | 3 | 20 |
| | Vaccinia** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 |
| Vectorborne and Zoonotics | Anthrax ² | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 |
| | Brucellosis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 |
| | Chikungunya** | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | | 4 | 0 | 2 |
| | Dengue | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 |
| | Ehrlichiosis | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | | | 1 | 0 | 0 |
| | Hantavirus Infection | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 |
| | Hemorrhagic Fever, viral ² | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 |
| | Leprosy (Hansen's Disease) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | | 1 | 0 | 0 |
| | Leptospirosis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 |
| | Lyme disease | 1 | 1 | 1 | 0 | 0 | 4 | 2 | 0 | 3 | 2 | | 14 | 1 | 4 |
| | Malaria | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 1 | | 4 | 0 | 6 |
| | Monkeypox** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 |
| | Plague ² | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 |
| | Psittacosis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 |
| | Q Fever | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 |
| | Rabies, Animal ⁴ | 1 | 1 | 0 | 2 | 2 | 1 | 4 | 1 | 3 | 4 | | 19 | 1 | 21 |
| | Rabies, Human** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 |
| | Rocky Mountain Spotted Fever | 0 | 0 | 0 | 0 | 0 | 4 | 7 | 1 | 6 | 1 | | 19 | 2 | 14 |
| Tularemia ² | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | |
| Typhus, Epidemic (Louse-borne) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | |
| Yellow Fever | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | |
| Encephalitis, Meningitis and Prion Diseases | Creutzfeldt-Jakob Disease (CJD) | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | | | 2 | 0 | 2 |
| | Encephalitis, arboviral | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | | | 1 | 0 | 1 |
| | Meningococcal Disease** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 |
| | Meningitis, Pneumococcal | 0 | 0 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | | 8 | 0 | 5 |
| Other | Toxic Shock Syndrome non-Strep. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 |
| | Streptococcal Toxic Shock Syndrome | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | | 1 | 1 | 4 |

REPORT TIMETABLE FOR DISEASES/CONDITIONS (for a complete listing of NC Reportable Disease, please call 919-715-7404)

| | |
|-----------------------------|---|
| Highlighted diseases | Category A Bioterrorism Agents/Diseases (report immediately by phone) |
| * | Disease/Condition with Pandemic Potential (report immediately by phone) |
| ** | Reportable within 24 hours after the disease or condition is reasonably suspected to exist. (by phone and form) |
| All Other Conditions | All other conditions, report within 7 days, (by form) |

TO REPORT DISEASES BY TELEPHONE:

Animal Bite Consults: 704.336.6440

General Diseases including Hepatitis B: Belinda Worsham: 704.336.5490 Beth Quinn: 704.336.5398 Penny Moore: 704.353.1270 Freda Grant: 704.336.6436
 Shawn Wilson: 704.432.1975 Brian Lackey: 704.336.5498 Taleba Parris: 704.432.4667 Julie Secrest 704.432.0069

Syphilis & HIV/AIDS: 704.336.3349 or 704.614.2993 **Other STDs:** 704.432.1742

Suspected Foodborne Outbreaks: Bill Hardister 704.336.5533

Tuberculosis: Yolondra Cochran 980.314.9477

Report forms can now be found on-line at: <http://www.meckhealth.org>

1 318 newly diagnosed HIV disease cases and 166 newly diagnosed AIDS cases were reported in Mecklenburg County during 2014 (based upon the most recent surveillance data). During the same time period, there were 269 newly diagnosed Syphilis cases (primary, secondary and early latent). Readers should note that HIV disease represents all diagnoses of HIV infection regardless of the stage of the disease. Therefore AIDS cases are considered a subset of HIV Disease. HIV disease reports and AIDS case reports should never be combined to estimate an infected population, and should be considered separately.

2 Category A Bioterrorism Agents/Disease including pathogens that are rarely seen in the United States and that pose a risk to national security because they can be easily disseminated or transmitted from person to person; result in high mortality rates and have the potential for major public health impact; might cause public panic and social disruption; and require special action for public health preparedness.

3 Case numbers are lower than expected or not available due to transition to a new reporting system.

4 Rabies: 2 Raccoons, 1 Skunk, 1 Fox (October)