



# 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: DECEMBER 2016  
Preliminary Figures

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

| DISEASES                                      | January                                    | February | March | April | May | June | July | August | September | October | November | December | 2016 Total Cases<br>(Year to Date) | DEC. 3 Year Average | Year-to-Date<br>(3 Year Average) |   |
|---|--|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|------------------------------------|---------------------|----------------------------------|---|
|   | <b>Sexually Transmitted and Bloodborne</b> |          |       |       |     |      |      |        |           |         |          |          |                                    |                     |                                  |   |
| AIDS** 1,3                                    | -  | -        | -     | -     | -   | -    | -    | -      | -         | -       | -        | -        | -                                  | -                   | -                                | - |
| Chancroid**                                   | 0  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                | 0 |
| Chlamydia (Laboratory confirmed) <sup>3</sup> | 311  | 529      | 357   | 728   | 399 | 256  | 292  | 357    | 319       | 1241    | 633      | 884      | 6306                               | 404                 | 5075                             |   |
| Gonorrhea** <sup>3</sup>                      | 4  | 136      | 214   | 180   | 90  | 266  | 78   | 139    | 121       | 203     | 189      | 398      | 2018                               | 126                 | 1650                             |   |
| Granuloma Inguinale**                         | 0  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |   |
| Hep. Type B, Acute**                          | 0  | 0        | 0     | 0     | 4   | 0    | 0    | 1      | 0         | 0       | 0        | 2        | 7                                  | 1                   | 6                                |   |
| Hep. Type B, Carrier                          | 0  | 10       | 6     | 14    | 4   | 18   | 6    | 19     | 6         | 10      | 14       | 8        | 115                                | 17                  | 112                              |   |
| Perinatal Hepatitis B**                       | 0  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |   |
| Hep. Type C, Acute                            | 1  | 0        | 0     | 1     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 2                                  | 0                   | 2                                |   |
| HIV Disease** <sup>1,3</sup>                  | -  | -        | -     | -     | -   | -    | -    | -      | -         | -       | -        | -        | -                                  | -                   | -                                |   |
| Lymphogranuloma Venereum                      | 0  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |   |
| Nongonococcal Urethritis (NGU)                | 22   | 9        | 15    | 16    | 16  | 7    | 26   | 24     | 25        | 42      | 51       | 11       | 264                                | 12                  | 95                               |   |
| Ophthalmia Neonatorum                         | 0  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |   |
| Pelvic Inflammatory Disease (PID)             | 1  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 1                                  | 0                   | 1                                |   |
| Syphilis** <sup>1,3</sup>                     | -  | -        | -     | -     | -   | -    | -    | -      | -         | -       | -        | -        | -                                  | -                   | -                                |   |
| Congenital Syphilis** <sup>3</sup>            | -  | -        | -     | -     | -   | -    | -    | -      | -         | -       | -        | -        | -                                  | -                   | -                                |   |
| <b>Enteric, Food and Waterborne</b>           |  |          |       |       |     |      |      |        |           |         |          |          |                                    |                     |                                  |   |
| Botulism <sup>2</sup>                         | 0  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |   |
| Campylobacter Infection**                     | 4  | 1        | 6     | 6     | 10  | 9    | 5    | 8      | 1         | 7       | 13       | 7        | 77                                 | 7                   | 48                               |   |
| Cholera**                                     | 0  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |   |
| Cryptosporidiosis**                           | 0  | 6        | 1     | 3     | 1   | 3    | 0    | 1      | 6         | 0       | 13       | 3        | 37                                 | 5                   | 18                               |   |
| Cyclosporiasis**                              | 0  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 1        | 0        | 1                                  | 0                   | 0                                |   |
| C. perfringens**                              | 0  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |   |
| E. coli, Shiga toxin-producing**              | 1  | 1        | 0     | 4     | 0   | 2    | 0    | 3      | 0         | 0       | 2        | 5        | 18                                 | 1                   | 5                                |   |
| Hepatitis A**                                 | 0  | 0        | 0     | 0     | 0   | 0    | 2    | 0      | 0         | 1       | 0        | 0        | 3                                  | 0                   | 4                                |   |
| Hemolytic-Uremic Syndrome**                   | 0  | 0        | 0     | 0     | 0   | 0    | 0    | 1      | 0         | 0       | 0        | 0        | 1                                  | 0                   | 0                                |   |
| Legionellosis                                 | 0  | 0        | 0     | 3     | 0   | 3    | 0    | 3      | 0         | 0       | 1        | 1        | 11                                 | 1                   | 6                                |   |
| Listeriosis**                                 | 0  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |   |
| Salmonellosis**                               | 14   | 6        | 1     | 6     | 11  | 14   | 8    | 9      | 8         | 54      | 19       | 2        | 152                                | 13                  | 124                              |   |
| Shigellosis**                                 | 7  | 8        | 10    | 12    | 9   | 13   | 11   | 7      | 3         | 8       | 2        | 12       | 102                                | 10                  | 66                               |   |
| Staphylococcal (food poisoning)**             | 1  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 1        | 0        | 2                                  | 7                   | 7                                |   |
| Trichinosis                                   | 0  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |   |
| Typhoid, Acute**                              | 0  | 1        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 1                                  | 0                   | 0                                |   |
| Typhoid, Carrier**                            | 0  | 0        | 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                                  | 0                   | 0                                |   |
| Vibrio Infection (other than cholera) **      | 0  | 0        | 0     | 0     | 0   | 0    | 0    | 1      | 0         | 0       | 0        | 0        | 1                                  | 0                   | 0                                |   |
| Other or Unknown Foodborne**                  | 0  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |   |
| <b>Vaccine Preventable</b>                    |  |          |       |       |     |      |      |        |           |         |          |          |                                    |                     |                                  |   |
| Diphtheria**                                  | 0  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |   |
| Hemophilus influenzae, invasive disease**     | 0  | 1        | 1     | 2     | 4   | 1    | 0    | 1      | 1         | 0       | 0        | 5        | 16                                 | 3                   | 9                                |   |
| Influenza Death **                            | 0  | 0        | 2     | 1     | 1   | 1    | 0    | 0      | 0         | 0       | 0        | 1        | 6                                  | 1                   | 6                                |   |
| Measles (Rubeola), Total**                    | 0  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |   |
| <i>Measles, Indigenous</i>                    | 0  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |   |
| <i>Measles, Imported</i>                      | 0  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |   |
| Mumps   | 0  | 8        | 2     | 1     | 3   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 14                                 | 0                   | 2                                |   |
| Pertussis (whooping cough)**                  | 0  | 1        | 1     | 1     | 1   | 3    | 0    | 1      | 0         | 2       | 0        | 1        | 11                                 | 3                   | 21                               |   |
| Polio, paralytic**                            | 0  | 0        | 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                                  | 0                   | 0                                |   |
| Rubella, Congenital Syndrome                  | 0  | 0        | 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                                  | 0                   | 0                                |   |

Reportable Communicable Diseases  
Monthly Report--DECEMBER 2016

DISEASES

|   | January  | February | March | April | May | June | July | August | September | October | November | December | 2016 Total Cases<br>(Year to Date) | DEC. 3 Year average | Year-to-Date<br>(3 Year Average) |    |
|---|--|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|------------------------------------|---------------------|----------------------------------|----|
| Direct Contact and Respiratory              | Influenza, Novel Virus Infection*  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |    |
|   | Middle East Respiratory Syndrome (MERS)                                  | 0        | 0     | 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                                  | 0                   | 0                                |    |
|   | Smallpox <sup>2</sup>  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |    |
|   | VRSA (Staphylococcal aureus with reduced susceptibility to Vancomycin)** | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |    |
|   | Streptococcal infections, Group A invasive                               | 3        | 4     | 3     | 6   | 2    | 5    | 2      | 1         | 0       | 0        | 0        | 2                                  | 28                  | 3                                | 19 |
|   | Tuberculosis**   | 1        | 1     | 4     | 4   | 4    | 5    | 0      | 1         | 2       | 3        | 2        | 5                                  | 32                  | 6                                | 19 |
| Vaccinia**                                  | 0  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |    |
| Vectorborne and Zoonotics                   | Anthrax <sup>2</sup>   | 0        | 0     | 0     | 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                                  | 0                   | 0                                | 0  |
|   | Chikungunya**  | 0        | 1     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 1                   | 0                                | 3  |
|   | Dengue   | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                | 1  |
|   | Ehrlichiosis   | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                | 1  |
|   | Hantavirus Infection   | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                | 0  |
|   | Hemorrhagic Fever, viral <sup>2</sup>                                    | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                | 0  |
|   | Leprosy (Hansen's Disease)   | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                | 1  |
|   | Leptospirosis  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                | 0  |
|   | Lyme disease   | 0        | 1     | 0     | 0   | 0    | 5    | 3      | 0         | 1       | 2        | 0        | 3                                  | 15                  | 0                                | 8  |
|   | Malaria  | 1        | 1     | 1     | 0   | 2    | 3    | 0      | 0         | 0       | 2        | 0        | 0                                  | 10                  | 0                                | 5  |
|   | Monkeypox**  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                | 0  |
|   | Plague <sup>2</sup>  | 0        | 0     | 0     | 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                                  | 0                   | 0                                | 0  |
|   | Q Fever  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                | 0  |
|   | Rabies, Animal <sup>4</sup>  | 0        | 0     | 3     | 2   | 3    | 1    | 1      | 1         | 1       | 2        | 3        | 1                                  | 18                  | 1                                | 14 |
|   | Rabies, Human**  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                | 0  |
|   | Rocky Mountain Spotted Fever   | 0        | 0     | 0     | 0   | 1    | 3    | 3      | 0         | 2       | 2        | 2        | 0                                  | 13                  | 0                                | 11 |
|   | Tularemia <sup>2</sup>   | 0        | 0     | 0     | 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        | 0                                  | 0                   | 0                                |    |
| Yellow Fever                                | 0  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |    |
| Zika  | 0  | 1        | 0     | 0     | 2   | 0    | 1    | 1      | 4         | 0       | 0        | 1        | 10                                 | 0                   | 0                                |    |
| Encephalitis, Meningitis and Prion Diseases | Creutzfeldt-Jakob Disease (CJD)  | 0        | 0     | 0     | 0   | 1    | 0    | 0      | 0         | 0       | 0        | 0        | 1                                  | 0                   | 2                                |    |
|   | Encephalitis, arboviral  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 2         | 0       | 0        | 0        | 2                                  | 0                   | 0                                |    |
|   | Meningococcal Disease**  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |    |
|   | Meningitis, Pneumococcal   | 0        | 0     | 1     | 0   | 1    | 0    | 0      | 0         | 0       | 0        | 1        | 0                                  | 3                   | 0                                | 6  |
| Other                                       | Toxic Shock Syndrome non-Strep.  | 0        | 0     | 0     | 0   | 0    | 0    | 0      | 0         | 0       | 0        | 0        | 0                                  | 0                   | 0                                |    |
|   | Streptococcal Toxic Shock Syndrome                                       | 1        | 1     | 0     | 0   | 0    | 1    | 1      | 1         | 0       | 0        | 0        | 1                                  | 6                   | 1                                | 5  |

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: 980.314.9210

General Diseases including Hepatitis B: Belinda Worsham: 980.314.9203 Shawn Wilson: 980.314.9208 Brian Lackey: 980.314.9206 Julie Secret: 980.314.9209  
Tiffney McKoy: 980.314.9207 Lori Bowers: 980.314.9212

Syphilis & HIV/AIDS: 980.314.9226 or 704.614.2993 Other STDs: 704.432.1742

Suspected Foodborne Outbreaks: Bill Hardister 980.314.1636

Tuberculosis: Yolondra Cochran 980.314.9477

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

1 289 newly diagnosed HIV disease cases and 144 newly diagnosed AIDS cases were reported in Mecklenburg County during 2015 (based upon the most recent surveillance data). During the same time period, there were 405 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: 1 Skunk (December)