

# Mecklenburg County Health Department Reportable Communicable Diseases

Reported to NC Department of Health and Human Services

Reflects Report Dates Not Always Onset Dates

Figures subject to change as new information becomes available

Monthly Report: APRIL 2011

| DISEASES                                 |   | January | February | March | April | May | June | July | August | September | October | November | December | 2011 Total Cases<br>(Year to Date) | APRIL 5-yr Avg. | Year-to-Date<br>(5 Year Average) |
|--|---|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|------------------------------------|-----------------|----------------------------------|
|  |   |         |          |       |       |     |      |      |        |           |         |          |          |                                    |                 |                                  |
| 3<br>Sexually Transmitted and Bloodborne | AIDS** <sup>1</sup>                       | 0       | 2        | 8     | 3     |     |      |      |        |           |         |          |          | 13                                 | 4               | 20                               |
|  | Chancroid**                               | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Chlamydia (Laboratory confirmed)          | 656     | 391      | 806   | 602   |     |      |      |        |           |         |          |          | 2455                               | 442             | 1529                             |
|  | Gonorrhea**                               | 193     | 135      | 224   | 196   |     |      |      |        |           |         |          |          | 748                                | 159             | 635                              |
|  | Granuloma Inguinale**                     | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Hepatitis (Type B and Type C), Total      | 14      | 15       | 22    | 10    |     |      |      |        |           |         |          |          | 61                                 | 18              | 63                               |
|  | <i>Hep. Type B, Acute**</i>               | 1       | 1        | 0     | 1     |     |      |      |        |           |         |          |          | 3                                  | 2               | 5                                |
|  | <i>Hep. Type B, Carrier</i>               | 13      | 14       | 22    | 9     |     |      |      |        |           |         |          |          | 58                                 | 16              | 73                               |
|  | <i>Perinatal Hepatitis B**</i>            | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | <i>Hep. Type C, Acute</i>                 | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | HIV Disease** <sup>1</sup>                | 8       | 24       | 40    | 36    |     |      |      |        |           |         |          |          | 108                                | 27              | 106                              |
|  | Lymphogranuloma Venereum                  | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Nongonococcal Urethritis (NGU)            | 2       | 8        | 68    | 91    |     |      |      |        |           |         |          |          | 169                                | 60              | 149                              |
|  | Pelvic Inflammatory Disease (PID)         | 0       | 0        | 10    | 3     |     |      |      |        |           |         |          |          | 13                                 | 1               | 3                                |
| Syphilis**                               | 7   | 9       | 17       | 21    |       |     |      |      |        |           |         |          | 54       | 15                                 | 47              |                                  |
| Congenital Syphilis**                    | 0   | 0       | 0        | 0     |       |     |      |      |        |           |         |          | 0        | 0                                  | 0               |                                  |
| Enteric, Food and Waterborne             | <b>Botulism</b>                           | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Campylobacter Infection**                 | 1       | 8        | 8     | 8     |     |      |      |        |           |         |          |          | 25                                 | 6               | 16                               |
|  | Cholera**                                 | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Cryptosporidiosis**                       | 1       | 1        | 0     | 1     |     |      |      |        |           |         |          |          | 3                                  | 1               | 3                                |
|  | Cyclosporiasis**                          | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | C. perfringens**                          | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | E. coli, Shiga toxin-producing**          | 0       | 2        | 0     | 1     |     |      |      |        |           |         |          |          | 3                                  | 1               | 3                                |
|  | Hepatitis A**                             | 0       | 1        | 0     | 0     |     |      |      |        |           |         |          |          | 1                                  | 0               | 1                                |
|  | Hemolytic-Uremic Syndrome**               | 0       | 1        | 0     | 0     |     |      |      |        |           |         |          |          | 1                                  | 0               | 1                                |
|  | Legionellosis                             | 1       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 1                                  | 0               | 1                                |
|  | Listeriosis**                             | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 1                                |
|  | Salmonellosis**                           | 6       | 8        | 7     | 12    |     |      |      |        |           |         |          |          | 33                                 | 9               | 32                               |
|  | Shigellosis**                             | 0       | 1        | 1     | 2     |     |      |      |        |           |         |          |          | 4                                  | 2               | 3                                |
|  | Staphylococcal (food poisoning)**         | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Trichinosis                               | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Typhoid**, Total                          | 0       | 0        | 0     | 1     |     |      |      |        |           |         |          |          | 1                                  | 0               | 1                                |
|  | <i>Typhoid, Acute**</i>                   | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 1                                  | 0               | 1                                |
|  | <i>Typhoid, Carrier**</i>                 | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
| Vibrio Vulnificus                        | 0   | 0       | 0        | 0     |       |     |      |      |        |           |         |          | 0        | 0                                  | 0               |                                  |
| Vibrio Infection (other than cholera) ** | 0   | 0       | 0        | 0     |       |     |      |      |        |           |         |          | 0        | 0                                  | 0               |                                  |
| Other or Unknown Foodborne**             | 0   | 0       | 0        | 0     |       |     |      |      |        |           |         |          | 0        | 0                                  | 0               |                                  |
| Vaccine Preventable                      | Diphtheria**                              | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Hemophilus influenzae, invasive disease** | 0       | 1        | 0     | 1     |     |      |      |        |           |         |          |          | 2                                  | 1               | 3                                |
|  | Influenza Death (<18 yrs. Old)**          | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Measles (Rubeola), Total**                | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | <i>Measles, Indigenous</i>                | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | <i>Measles, Imported</i>                  | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Mumps                                     | 0       | 1        | 0     | 0     |     |      |      |        |           |         |          |          | 1                                  | 1               | 2                                |
|  | Pertussis (whooping cough)**              | 1       | 2        | 0     | 0     |     |      |      |        |           |         |          |          | 3                                  | 3               | 26                               |
|  | Polio, paralytic**                        | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Rubella**                                 | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
| Rubella, Congenital Syndrome             | 0   | 0       | 0        | 0     |       |     |      |      |        |           |         |          | 0        | 0                                  | 0               |                                  |
| Tetanus                                  | 0   | 0       | 0        | 0     |       |     |      |      |        |           |         |          | 0        | 0                                  | 0               |                                  |

| Reportable Communicable Diseases<br>Monthly Report--APRIL 2011<br>Page 2 |  | January | February | March | April | May | June | July | August | September | October | November | December | 2010 Total Cases<br>(Year to Date) | APRIL 5-yr Avg. | Year-to-Date<br>(5 Year Average) |
|--|--|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|------------------------------------|-----------------|----------------------------------|
| DISEASES   |  |         |          |       |       |     |      |      |        |           |         |          |          |                                    |                 |                                  |
| Direct Contact and<br>Respiratory  | Influenza, Novel Virus Infection   | n/a     | 0        | 0     | 0     |     |      |      |        |           |         |          |          | n/a                                | n/a             | n/a                              |
|  | Severe Acute Respiratory Syndrome (SARS)**                                       | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | <b>Smallpox</b>  | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | VRSA ( <i>Staphylococcal aureus</i> with reduced susceptibility to Vancomycin)** | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Streptococcal infections, Group A invasive                                       | 3       | 4        | 3     | 6     |     |      |      |        |           |         |          |          | 16                                 | 2               | 6                                |
|  | Tuberculosis**   | 0       | 1        | 4     | 1     |     |      |      |        |           |         |          |          | 6                                  | 3               | 11                               |
|  | Vaccinia**   | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
| Vectorborne and Zoonotics  | <b>Anthrax</b>   | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Brucellosis  | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Dengue   | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Ehrlichiosis   | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Hantavirus Infection   | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | <b>Hemorrhagic Fever, viral</b>  | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Leptospirosis  | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Lyme disease   | 0       | 0        | 0     | 1     |     |      |      |        |           |         |          |          | 1                                  | 1               | 1                                |
|  | Malaria  | 0       | 2        | 1     | 0     |     |      |      |        |           |         |          |          | 3                                  | 0               | 3                                |
|  | Monkeypox**  | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | <b>Plague</b>  | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Psittacosis  | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Q Fever  | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Rabies, Total  | 0       | 2        | 0     | 2     |     |      |      |        |           |         |          |          | 4                                  | 2               | 7                                |
|  | <i>Rabies, Animal</i> <sup>3</sup>   | 0       | 2        | 0     | 2     |     |      |      |        |           |         |          |          | 4                                  | 2               | 7                                |
|  | <i>Rabies, Human</i> **  | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Rocky Mountain Spotted Fever   | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 1               | 1                                |
| <b>Tularemia</b>   | 0  | 0       | 0        | 0     |       |     |      |      |        |           |         |          | 0        | 0                                  | 0               |                                  |
| Typhus, Epidemic (Louse-borne)   | 0  | 0       | 0        | 0     |       |     |      |      |        |           |         |          | 0        | 0                                  | 0               |                                  |
| Yellow Fever   | 0  | 0       | 0        | 0     |       |     |      |      |        |           |         |          | 0        | 0                                  | 0               |                                  |
| Encephalitis,<br>Meningitis<br>and Prion<br>Diseases                     | Creutzfeldt-Jakob Disease (CJD)  | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Encephalitis, arboviral  | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |
|  | Meningococcal Disease**  | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 1                                |
|  | Meningitis, Pneumococcal   | 0       | 1        | 0     | 0     |     |      |      |        |           |         |          |          | 1                                  | 1               | 2                                |
| Other  | Toxic Shock Syndrome   | 0       | 0        | 1     | 0     |     |      |      |        |           |         |          |          | 1                                  | 0               | 0                                |
|  | Streptococcal Toxic Shock Syndrome   | 0       | 0        | 0     | 0     |     |      |      |        |           |         |          |          | 0                                  | 0               | 0                                |

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

|                             |   |
|-----------------------------|---|
| <b>Highlighted diseases</b> | Category A Bioterrorism Agents/Diseases (report immediately by phone)   |
|                             | Disease/Condition with Pandemic Potential (report immediately by phone)   |
| <b>**</b>                   | 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)   |

\*\*\* Newly created category combining two or more reportable diseases/conditions. Five-year averages are currently unavailable.

**TO REPORT DISEASES BY TELEPHONE:**

Animal bite consults: Al Piercy 704.336.6440

General Diseases including Hepatitis B: Belinda Worsham 704.336.5498 Jane Hoffman 704.336.5490 Beth Quinn 704.336.5398

Penny Moore 704.353.1270 Freda Grant 704.336.6436

Sexually Transmitted Diseases and HIV/AIDS: 704.432.1742

Suspected Foodborne Outbreaks: Bill Hardister 704.336.5533

Tuberculosis: Kristi McCray 704.432.2496

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

1 The cumulative number for HIV Disease is 6,510 in Mecklenburg County and 37,115 in North Carolina. This figure is based on reports of confidential testing done between January 1990 - December 2009. Please note a change reflecting recent changes in North Carolina reporting, "HIV Disease" refers to all people infected with human immunodeficiency virus, with and without an AIDS defining condition. Previously data were reported separately for HIV and AIDS. Currently AIDS cases are subset of HIV disease. AIDS case reporting began in the United States in 1981 and North Carolina in 1984. HIV infection reporting began in North Carolina in January 1990 and HIV disease reporting in 2001.

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 STD Surveillance data systems have undergone extensive changes as North Carolina implements NC EDSS (North Carolina Electronic Disease Surveillance System). Morbidity counts will likely change as data are reviewed, existing data systems are merged and previously unreported cases are entered into NC EDSS. Increased STD reports during the month of March generally represent older diagnoses, some dating back many years, which were recently entered into NC EDSS.

4. **Rabies: 2 raccoons** Statistics compiled by Mecklenburg County Health Department Epidemiology, Communicable Disease, TB and STD Programs