

**WESTCHESTER COUNTY DEPARTMENT OF HEALTH**  
**MONTHLY MORBIDITY REPORT\***

**September 2018**

Data as of 10/15/2018

| Diseases                                     | Current Month |      |      | Monthly Cumulative |       |       | Annual Totals |       |       |       |       |
|--|---------------|------|------|--------------------|-------|-------|---------------|-------|-------|-------|-------|
|  | 2018          | 2017 | 2016 | 2018               | 2017  | 2016  | 2017          | 2016  | 2015  | 2014  | 2013  |
| <b>A. Vaccine-Preventable Diseases</b>       |               |      |      |                    |       |       |               |       |       |       |       |
| Mumps  | 0             | 0    | 1    | 10                 | 4     | 5     | 5             | 6     | 7     | 6     | 0     |
| Pertussis                                    | 2             | 7    | 8    | 37                 | 29    | 47    | 33            | 58    | 62    | 60    | 49    |
| <b>B. CNS Diseases and Bacteremias</b>       |               |      |      |                    |       |       |               |       |       |       |       |
| Botulism                                     | 0             | 0    | 0    | 0                  | 0     | 1     | 0             | 1     | 0     | 0     | 0     |
| Encephalitis                                 | 1             | 2    | 0    | 11                 | 6     | 4     | 6             | 5     | 8     | 7     | 13    |
| <i>West Nile Encephalitis (lab positive)</i> | 1             | 2    | 0    | 4                  | 3     | 0     | 3             | 0     | 3     | 2     | 2     |
| <i>Non-West Nile Encephalitis</i>            | 0             | 0    | 0    | 7                  | 3     | 4     | 3             | 5     | 5     | 5     | 11    |
| Haemophilus Influenzae                       | 1             | 2    | 0    | 11                 | 13    | 15    | 17            | 16    | 11    | 8     | 8     |
| Listeriosis                                  | 1             | 1    | 0    | 4                  | 4     | 1     | 5             | 3     | 0     | 4     | 6     |
| Meningitis                                   | 3             | 1    | 5    | 30                 | 38    | 35    | 47            | 53    | 57    | 60    | 54    |
| <i>Aseptic Meningitis</i>                    | 3             | 0    | 5    | 26                 | 27    | 27    | 34            | 44    | 35    | 52    | 34    |
| <i>Meningococcal Disease</i>                 | 0             | 0    | 0    | 1                  | 3     | 0     | 3             | 0     | 0     | 0     | 3     |
| <i>Other Meningitis/Bacteremias</i>          | 0             | 1    | 0    | 3                  | 8     | 8     | 10            | 9     | 22    | 8     | 17    |
| Group A Strep                                | 1             | 1    | 1    | 19                 | 25    | 20    | 36            | 23    | 32    | 31    | 21    |
| Group B Strep                                | 5             | 6    | 6    | 57                 | 71    | 68    | 98            | 98    | 78    | 79    | 63    |
| Invasive Strep Pneumoniae                    | 3             | 1    | 1    | 45                 | 38    | 41    | 59            | 67    | 62    | 69    | 70    |
| <i>Invasive Strep Pneumoniae</i>             | 3             | 1    | 1    | 38                 | 33    | 36    | 53            | 60    | 55    | 59    | 64    |
| <i>Drug-Resistant Strep Pneumoniae</i>       | 0             | 0    | 0    | 7                  | 5     | 5     | 6             | 7     | 7     | 10    | 6     |
| <b>C. Enteric Infections</b>                 |               |      |      |                    |       |       |               |       |       |       |       |
| Amebiasis                                    | 0             | 3    | 1    | 14                 | 23    | 16    | 24            | 20    | 25    | 22    | 11    |
| Calicivirus                                  | 0             | 0    | 0    | 2                  | 0     | 30    | 0             | 30    | 10    | 151   | 350   |
| Campylobacteriosis                           | 22            | 17   | 21   | 191                | 170   | 188   | 217           | 224   | 244   | 273   | 297   |
| Cryptosporidiosis                            | 1             | 1    | 7    | 12                 | 9     | 13    | 12            | 16    | 15    | 12    | 12    |
| Cyclosporidiosis                             | 1             | 0    | 1    | 13                 | 4     | 5     | 4             | 6     | 5     | 5     | 3     |
| Enterovirus                                  | 0             | 0    | 0    | 0                  | 0     | 0     | 0             | 0     | 0     | 28    | 0     |
| Giardiasis                                   | 7             | 10   | 14   | 61                 | 67    | 70    | 84            | 87    | 69    | 92    | 69    |
| Salmonellosis                                | 8             | 12   | 11   | 87                 | 101   | 99    | 122           | 123   | 123   | 132   | 121   |
| Shigellosis                                  | 4             | 2    | 4    | 25                 | 26    | 22    | 30            | 25    | 30    | 33    | 17    |
| STEC (E. Coli 0157) <sup>(1)</sup>           | 3             | 0    | 0    | 16                 | 4     | 9     | 7             | 10    | 12    | 15    | 16    |
| Typhoid                                      | 0             | 0    | 1    | 3                  | 2     | 4     | 4             | 4     | 2     | 0     | 2     |
| Vibriosis                                    | 2             | 3    | 1    | 13                 | 5     | 5     | 7             | 5     | 4     | 6     | 9     |
| Yersiniosis                                  | 3             | 1    | 1    | 15                 | 15    | 5     | 17            | 5     | 5     | 3     | 1     |
| <b>D. Viral Hepatitis</b>                    |               |      |      |                    |       |       |               |       |       |       |       |
| Hepatitis A                                  | 2             | 0    | 1    | 5                  | 5     | 6     | 13            | 6     | 5     | 4     | 10    |
| Hepatitis B                                  | 17            | 16   | 14   | 206                | 233   | 188   | 303           | 246   | 236   | 229   | 312   |
| <i>Acute</i>                                 | 1             | 1    | 1    | 1                  | 3     | 2     | 3             | 2     | 5     | 3     | 9     |
| <i>Chronic</i> <sup>(2)</sup>                | 16            | 15   | 13   | 205                | 230   | 186   | 300           | 244   | 231   | 226   | 303   |
| Hepatitis C                                  | 20            | 26   | 37   | 285                | 300   | 346   | 391           | 432   | 544   | 689   | 587   |
| <i>Acute</i>                                 | 0             | 0    | 0    | 2                  | 3     | 1     | 4             | 1     | 1     | 2     | 1     |
| <i>Chronic</i> <sup>(2)</sup>                | 20            | 26   | 37   | 283                | 297   | 345   | 387           | 431   | 543   | 687   | 586   |
| <b>E. Sexually Transmitted Diseases</b>      |               |      |      |                    |       |       |               |       |       |       |       |
| Chlamydia                                    | 333           | 327  | 298  | 2,979              | 2,843 | 2,845 | 3,808         | 3,800 | 3,385 | 3,280 | 3,182 |
| Gonorrhea                                    | 78            | 63   | 51   | 555                | 492   | 430   | 671           | 585   | 498   | 469   | 442   |
| Herpes Infant                                | 0             | 0    | 0    | 2                  | 1     | 3     | 1             | 4     | 0     | 0     | 0     |
| Syphilis (All Stages) <sup>(3)</sup>         | 16            | 12   | 28   | 177                | 201   | 190   | 278           | 235   | 205   | 156   | 163   |
| Early Syphilis                               | 10            | 6    | 12   | 96                 | 98    | 93    | 142           | 113   | 104   | 72    | 67    |
| <i>Primary and Secondary</i>                 | 6             | 4    | 10   | 51                 | 56    | 61    | 84            | 76    | 63    | 40    | 40    |
| <i>Early Latent</i>                          | 4             | 2    | 2    | 45                 | 42    | 32    | 58            | 37    | 41    | 32    | 27    |
| All other                                    | 6             | 6    | 16   | 81                 | 103   | 97    | 136           | 122   | 101   | 84    | 96    |
| Congenital Syphilis                          | 0             | 1    | 0    | 2                  | 2     | 0     | 3             | 0     | 0     | 1     | 1     |

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|---|---------------|------|------|--------------------|-------|-------|---------------|-------|-------|-------|-------|
|   | 2018          | 2017 | 2016 | 2018               | 2017  | 2016  | 2017          | 2016  | 2015  | 2014  | 2013  |
| <b>F. Tuberculosis</b>                                    |               |      |      |                    |       |       |               |       |       |       |       |
| Tuberculosis (confirmed)                                  | 3             | 5    | 0    | 24                 | 23    | 24    | 31            | 28    | 34    | 27    | 30    |
| Tuberculosis (suspected)                                  | 4             | 0    | 0    | 9                  | 0     | 0     | 0             | 0     | 0     | 0     | 0     |
| <b>G. Vector-Borne, Zoonoses</b>                          |               |      |      |                    |       |       |               |       |       |       |       |
| Anaplasmosis  | 1             | 2    | 1    | 28                 | 28    | 22    | 33            | 26    | 14    | 8     | 21    |
| Babesiosis  | 6             | 5    | 0    | 77                 | 58    | 43    | 62            | 43    | 56    | 21    | 63    |
| Chikungunya   | 0             | 0    | 0    | 1                  | 0     | 3     | 0             | 5     | 5     | 40    | 0     |
| Dengue Fever  | 0             | 0    | 0    | 0                  | 0     | 15    | 0             | 15    | 4     | 6     | 8     |
| Ehrlichiosis  | 1             | 1    | 0    | 8                  | 14    | 9     | 15            | 11    | 3     | 3     | 8     |
| Anaplasmosis/Ehrlichiosis Undetermined                    | 0             | 0    | 0    | 0                  | 1     | 3     | 2             | 3     | 0     | 0     | 1     |
| Lyme Disease <sup>(4)</sup>                               | 6             | 8    | 6    | 106                | 94    | 88    | 108           | 97    | 153   | 88    | 83    |
| <i>Sentinel Surveillance Cases</i>                        | 4             | 8    | 6    | 62                 | 66    | 56    | 79            | 65    | 67    | 48    | 57    |
| <i>Non-Sentinel Surveillance Cases</i>                    | 2             | 0    | 0    | 44                 | 28    | 32    | 29            | 32    | 86    | 40    | 26    |
| <i>NYSDOH Calculated Incidence</i>                        | —             | —    | —    | —                  | —     | —     | 407           | 343   | 385   | 194   | 247   |
| Malaria   | 3             | 1    | 0    | 12                 | 6     | 7     | 8             | 9     | 6     | 12    | 10    |
| Post-Exposure Prophylaxis for Rabies <sup>(5)</sup>       | 13            | 16   | 8    | 214                | 148   | 122   | 178           | 151   | 242   | 235   | 171   |
| Powassan Disease  | 0             | 0    | 0    | 0                  | 0     | 1     | 0             | 1     | 1     | 0     | 0     |
| Rocky Mountain Spotted Fever                              | 0             | 1    | 0    | 2                  | 1     | 1     | 1             | 1     | 6     | 0     | 0     |
| Zika Virus (Travel-associated)                            | 0             | 1    | 5    | 2                  | 10    | 34    | 10            | 37    | —     | —     | —     |
| <i>Symptomatic Cases</i>                                  | 0             | 0    | 5    | 2                  | 4     | 31    | 4             | 33    | —     | —     | —     |
| <i>Asymptomatic Cases</i>                                 | 0             | 1    | 0    | 0                  | 6     | 3     | 6             | 4     | —     | —     | —     |
| <b>H. Influenza (Laboratory-Confirmed) <sup>(6)</sup></b> |               |      |      |                    |       |       |               |       |       |       |       |
| Influenza A   | 11            | 15   | 4    | 4,130              | 3,475 | 2,349 | 3,845         | 2,876 | 1,948 | 1,752 | 1,201 |
| Influenza B   | 1             | 6    | 0    | 3,426              | 937   | 1,115 | 1,100         | 1,155 | 261   | 1,024 | 591   |
| Influenza, Unspecified                                    | 0             | 0    | 0    | 25                 | 23    | 13    | 27            | 18    | 6     | 5     | 4     |
| Influenza, Pediatric Deaths                               | 0             | 0    | 0    | 0                  | 0     | 2     | 0             | 2     | 1     | 0     | 0     |
| Influenza, Swine-Origin (H1N1)                            | 0             | 0    | 0    | 0                  | 0     | 0     | 0             | 0     | 0     | 71    | 17    |
| <b>I. Others</b>  |               |      |      |                    |       |       |               |       |       |       |       |
| Legionellosis   | 7             | 8    | 1    | 30                 | 35    | 13    | 45            | 22    | 35    | 24    | 25    |
| Toxic Shock Syndrome                                      | 0             | 0    | 0    | 0                  | 1     | 2     | 1             | 2     | 1     | 1     | 4     |
| Vancomycin-intermediate (VISA) or                         |               |      |      |                    |       |       |               |       |       |       |       |
| Vancomycin-resistant (VRSA) S. aureus                     | 0             | 0    | 0    | 0                  | 0     | 0     | 0             | 0     | 2     | 0     | 2     |

\* Reporting of suspected or confirmed communicable diseases is mandated under the New York State Sanitary Code (10NYCRR2.10). The Westchester County Department of Health Monthly Morbidity Report lists the reportable diseases occurred among Westchester County residents during specific time periods. Data are extracted from the New York State's Communicable Disease Electronic Surveillance System (CDESS) unless otherwise noted. The incidence of a disease is reported by the date of diagnosis. If the diagnosis date is not available, the incidence is reported by the available dates according to the following hierarchy: symptom date, date reported to the Health Department, date when the Health Department received the record, or date when a supplemental file was created. Diseases with no cases reported for five years prior are not included. Some disease categories may include probable cases; thus, the number of cases over time may change to reflect recent changes in case status.

1. Shiga toxin producing E. Coli (STEC); may include non-0157 shiga toxin producing strains of E. Coli.
2. Data may be incomplete due to surveillance limitations.
3. Total syphilis cases do not include congenital syphilis.
4. Lyme disease totals includes number of confirmed cases from sentinel surveillance, erythema migrans (EM) rash and provider reporting. Cases from the sentinel surveillance are based on the 20% of cases randomly extracted from those reported to WCDH through New York State's Electronic Clinical Laboratory Reporting System (ECLRS).
5. The number of individuals to whom rabies post-exposure prophylaxis has been administered. From WCDH internal records.
6. Type of influenza specified by testing facilities.

Prepared by Westchester County Department of Health Planning and Evaluation. Staff: Kevin Morrison