

Quarterly Epidemiological Data Report

Quarter 4: October – December 2017

Medina County Health Department
Data extracted on February 12, 2018

| Disease | Case Counts | | | | | | | |
|--|--|-------------|-----------|-------------|-----------|-------------|------------|--------------|
| | October | | November | | December | | Quarter | |
| | Actual | Historic | Actual | Historic | Actual | Historic | Actual | Historic |
| Campylobacteriosis | 2 | 1.4 | 1 | 2 | 5 | 3 | 8 | 6.4 |
| Chlamydia | 37 | 28.6 | 20 | 25.2 | 28 | 24.8 | 85 | 78.6 |
| Giardia | 0 | 0.8 | 0 | 0.2 | 2 | 1 | 2 | 2 |
| Gonorrhea | 0 | 4.2 | 5 | 3.6 | 6 | 4.6 | 13 | 12.4 |
| Haemophilus Influenzae | 3 | 0.2 | 1 | 0.2 | 1 | 0.2 | 2 | 0.6 |
| Hepatitis B (Chronic) | 0 | 0.6 | 1 | 0.6 | 0 | 0.6 | 1 | 1.8 |
| Hepatitis C (Chronic) | 4 | 8.6 | 11 | 8.8 | 10 | 10.8 | 25 | 28.2 |
| Influenza-Associated Hospitalizations | 0 | 0.2 | 2 | 2.4 | 28 | 26.4 | 30 | 29 |
| Legionella | 0 | 0.2 | 3 | 0.6 | 0 | 0.4 | 3 | 1.2 |
| Meningitis (Viral) | 2 | 0.4 | 1 | 0.4 | 0 | 0.4 | 3 | 1.2 |
| Pertussis | 0 | 1.2 | 0 | 1.2 | 2 | 0.2 | 2 | 2.6 |
| Salmonella | 1 | 1.6 | 4 | 0.4 | 2 | 1.2 | 7 | 3.2 |
| Streptococcal Disease (Group A) | 0 | 0 | 0 | 0.6 | 1 | 0 | 1 | 0.6 |
| Streptococcus pneumoniae | 1 | 0.4 | 0 | 1.4 | 4 | 1 | 5 | 2.8 |
| Syphilis | 0 | 0 | 1 | 0.2 | 0 | 0 | 1 | 0.2 |
| Varicella | 2 | 1.8 | 2 | 0.8 | 2 | 0.8 | 6 | 3.4 |
| Total | 51 | 50.2 | 52 | 48.6 | 91 | 75.4 | 194 | 174.2 |
| Quarterly 5 Year Percent Change | <u>+11.37%</u> increase in total case counts for Quarter 4 2017 compared to the 5 year historic average for Quarter 4 | | | | | | | |

These case counts were extracted from the Ohio Disease Reporting System, and compiled using an Excel spreadsheet. The list includes only diseases that had cases reported in Medina County within the quarter. The above data reflect cases that were classified as “confirmed” or “probable” in ODRS as of the data extraction date (suspected cases are not included). Historic averages are based on ODRS data from the years 2012 – 2016. Because disease rates at the month level are too small to reflect differences in disease trends, this report only includes case count and quarterly percent change. Counts in red denote a month with a noteworthy increase (based on 1 standard deviation) from the historical average. Counts in green denote a month with a noteworthy decrease (based on 1 standard deviation) from the historical average.

