

Quarterly Epidemiological Data Report

Quarter 4: October – December 2018

Medina County Health Department

Data extracted on January 2, 2019

| 2018 Preliminary Quarter 4 Case Counts | | | | | | | | |
|----------------------------------------------------------------------|---------------|-----------|-----------|-------------|-----------|-------------|-----------------------|------------|
| Diseases | October | | November | | December | | 2018 Quarter 4 Totals | |
| | Actual | Historic | Actual | Historic | Actual | Historic | Actual | Historic |
| Campylobacteriosis | 3 | 1.4 | 3 | 1.8 | 0 | 3 | 6 | 6.2 |
| Chlamydia | 19 | 31.6 | 31 | 23 | 22 | 26.2 | 72 | 80.8 |
| CP-CRE | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 0 |
| E. Coli | 1 | 0 | 0 | 0.2 | 0 | 0 | 1 | 0.2 |
| Gonorrhea | 5 | 4.2 | 4 | 4.2 | 4 | 5.6 | 13 | 14 |
| Hepatitis B (Chronic) | 1 | 0.6 | 0 | 0.4 | 0 | 0.4 | 1 | 1.4 |
| Hepatitis C (Chronic) | 12 | 8 | 7 | 8.2 | 6 | 9.4 | 25 | 25.6 |
| Influenza-associated hospitalizations | 1 | 0.2 | 2 | 2.4 | 6 | 27 | 9 | 29.6 |
| Legionnaire's Disease | 2 | 0.2 | 2 | 1 | 0 | 0.4 | 4 | 1.6 |
| Meningitis (Viral) | 0 | 0.6 | 1 | 0.4 | 0 | 0.4 | 1 | 1.4 |
| Pertussis | 0 | 1.2 | 1 | 1.2 | 2 | 0.6 | 3 | 3 |
| Salmonella | 5 | 1.4 | 1 | 1.2 | 0 | 1.6 | 6 | 4.2 |
| Streptococcal Disease (Group A) | 0 | 0 | 0 | 0.6 | 1 | 0.2 | 1 | 0.8 |
| Streptococcus pneumoniae | 1 | 0.6 | 0 | 1.2 | 1 | 1.4 | 2 | 3.2 |
| Syphilis | 1 | 0.2 | 1 | 0 | 0 | 0 | 2 | 0.2 |
| Varicella | 0 | 1.8 | 2 | 0.8 | 3 | 1.2 | 5 | 3.8 |
| Vibriosis | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Total | 53 | 52 | 55 | 46.6 | 46 | 77.4 | 154 | 176 |
| Percent Change Compared to the Historical Average (Quarterly) | -12.5% | | | | | | | |

*These **preliminary** case counts were extracted from the Ohio Disease Reporting System (ODRS), 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 2013 – 2017. 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 and percent change greater than 0. Counts in **green** denote a month with a noteworthy decrease (based on 1 standard deviation) from the historical average and percent change less than 0. **All data is preliminary and subject to change.***