

# Knox County Health Department

## COMMUNICABLE DISEASE REPORT: February 2018

*This report contains information regarding suspected, probable, and confirmed cases of the diseases listed and are subject to change.*

| Ohio Disease Reporting System (ODRS)    | Case Classification Status |           |          |           | Historical Average | YTD      |
|---|----------------------------|-----------|----------|-----------|--------------------|----------|
|   | REPORTABLE DISEASE         | Suspected | Probable | Confirmed | Total              | February |
| Chlamydia                               | 0                          | 0         | 10       | 10        | 13                 | 22       |
| Gonorrhea                               | 0                          | 0         | 5        | 5         | 0                  | 7        |
| Hepatitis B (including delta) - chronic | 1                          | 0         | 0        | 1         | 0                  | 2        |
| Hepatitis C - chronic                   | 0                          | 0         | 3        | 3         | 4                  | 8        |
| Influenza-associated hospitalization    | 0                          | 0         | 18       | 18        | 3                  | 47       |
| *UPDATED ON: (3/13/2018)                |                            |           |          |           |                    |          |

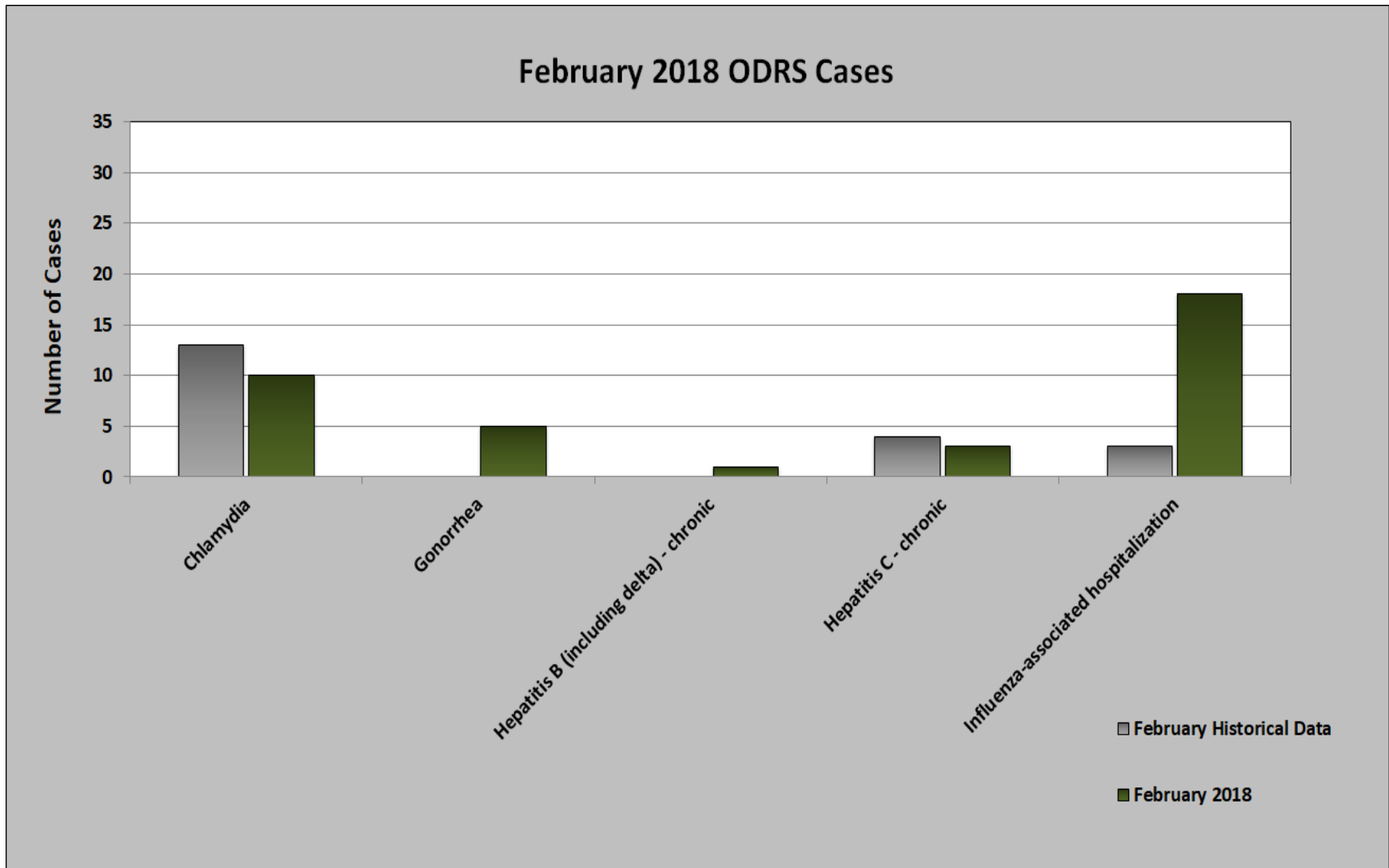


Knox County Health Department  
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| 2018                                       |     |     |     |     |     |     |     |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| REPORTABLE DISEASE                         | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YTD |
| Amebiasis                                  | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Anaplasmosis - Anaplasma phagocytophilum   | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Anthrax                                    | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Babesiosis                                 | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Botulism - foodborne                       | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Botulism - infant                          | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Botulism - wound                           | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Brucellosis                                | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Campylobacteriosis                         | 1   | 0   |     |     |     |     |     |     |     |     |     |     | 1   |
| Chancroid                                  | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Chlamydia                                  | 12  | 10  |     |     |     |     |     |     |     |     |     |     | 22  |
| Cholera                                    | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Coccidioidomycosis                         | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Creutzfeldt-Jakob Disease                  | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Creutzfeldt-Jakob Disease - variant (vCJD) | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Cryptosporidiosis                          | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Cyclosporiasis                             | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Cytomegalovirus - congenital (CMV)         | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Dengue                                     | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Dengue Hemorrhagic Fever                   | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Diphtheria                                 | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| E.coli - Not O157:H7                       | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| E.coli - O157:H7                           | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |

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| 2018  |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| REPORTABLE DISEASE                            | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YTD |
| E.coli - Unknown serotype                     | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Eastern equine encephalitis virus disease     | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Ehrlichiosis/Anaplasmosis - Undetermined      | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Ehrlichiosis-Ehrlichia chaffeensis            | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Ehrlichiosis-Ehrlichia ewingii                | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Encephalitis - post chickenpox                | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Encephalitis - post mumps                     | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Encephalitis - post other infection           | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Encephalitis - primary viral                  | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Giardiasis                                    | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Gonorrhea                                     | 2   | 5   |     |     |     |     |     |     |     |     |     |     | 7   |
| Granuloma inguinale                           | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Haemophilus influenzae (invasive disease)     | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Hantavirus - infection                        | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Hantavirus - pulmonary syndrome               | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Hemolytic uremic syndrome (HUS)               | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Hepatitis - acute viral undetermined etiology | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Hepatitis A                                   | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Hepatitis B - investigation                   | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Hepatitis B - Perinatal Infection             | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Hepatitis B (including delta) - acute         | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Hepatitis B (including delta) - acute/chronic | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Hepatitis B (including delta) - chronic       | 1   | 1   |     |     |     |     |     |     |     |     |     |     | 2   |

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| 2018                                       |     |     |     |     |     |     |     |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| REPORTABLE DISEASE                         | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YTD |
| Hepatitis C - acute                        | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Hepatitis C - acute/chronic                | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Hepatitis C - chronic                      | 5   | 3   |     |     |     |     |     |     |     |     |     |     | 8   |
| Hepatitis E                                | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Herpes - congenital                        | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Immigrant Investigation                    | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Influenza - ODH Lab Results                | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Influenza - associated hospitalization     | 29  | 18  |     |     |     |     |     |     |     |     |     |     | 47  |
| Influenza - associated pediatric mortality | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| IRIS - Influenza                           | 476 | 389 |     |     |     |     |     |     |     |     |     |     | 865 |
| Kawasaki disease                           | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| LaCrosse virus disease                     | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Legionellosis - Legionnaires' Disease      | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Leprosy (Hansen Disease)                   | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Leptospirosis                              | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Listeriosis                                | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Lyme Disease                               | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Lymphogranuloma venereum (LGV)             | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Malaria                                    | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Measles - imported from outside Ohio       | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Measles - indigenous to Ohio               | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Measles - status not determined            | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Meningitis - aseptic/viral                 | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |

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| 2018  |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| REPORTABLE DISEASE                              | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YTD |
| Meningitis - bacterial (Not N. meningitidis)    | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Meningococcal disease - Neisseria meningitidis  | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Mumps   | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Mycobacterial disease - other than tuberculosis | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Other arthropod-borne disease                   | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Pertussis                                       | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Plague  | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Poliomyelitis - non-paralytic                   | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Poliomyelitis - paralytic                       | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Poliomyelitis - paralytic/non-paralytic         | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Powassan virus disease                          | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Psittacosis                                     | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Q fever, acute                                  | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Q fever, chronic                                | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Rabies - animal                                 | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Reye syndrome                                   | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Rheumatic fever                                 | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Rocky Mountain spotted fever (RMSF)             | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Rubella - congenital                            | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Rubella - not congenital                        | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Salmonellosis                                   | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Severe Acute Respiratory Syndrome (SARS)        | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Shigellosis                                     | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| *UPDATED ON: (3/13/2018)                        |     |     |     |     |     |     |     |     |     |     |     |     |     |



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| 2018  |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| REPORTABLE DISEASE                                  | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YTD |
| Smallpox  | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| St. Louis encephalitis virus disease                | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Staphylococcal aureus - intermediate (VISA)         | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Staphylococcal aureus - vancomycin resistant (VRSA) | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Streptococcal - Group A - invasive                  | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Streptococcal - Group B - in newborn                | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Streptococcal toxic shock syndrome (STSS)           | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Streptococcus pneumoniae - unknown resistance       | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Streptococcus pneumoniae - intermediate resistance  | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Syphilis - congenital                               | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Syphilis - early latent (<1 year)                   | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Syphilis - late latent (>1 year) asymptomatic       | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Syphilis - late with no neurosyphilis               | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Syphilis - neurosyphilis                            | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Syphilis - primary                                  | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Syphilis - secondary                                | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Syphilis - stage Unknown                            | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Syphilis - unknown latent                           | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Tetanus   | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Toxic shock syndrome (TSS)                          | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Toxoplasmosis - congenital                          | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Trichinosis   | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Tuberculosis  | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |

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| 2018   |     |     |     |     |     |     |     |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| REPORTABLE DISEASE                           | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YTD |
| Tuberculosis - multi-drug resistant (MDR-TB) | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Tularemia                                    | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Typhoid fever                                | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Typhus fever                                 | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Varicella                                    | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Vibrio parahaemolyticus infection            | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Vibrio vulnificus infection                  | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Vibriosis - other (not cholera)              | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Viral Hemorrhagic Fever (VHF)                | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| West Nile virus disease                      | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Western equine encephalitis virus disease    | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Yellow fever                                 | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Yersiniosis                                  | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
| Zika virus disease                           | 0   | 0   |     |     |     |     |     |     |     |     |     |     | 0   |
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# Knox County Health Department: COMMUNICABLE DISEASE REPORT

## MONTHLY SUMMARY

*This monthly report contains case information for February 2018 and compares the numbers to an adjusted average calculated from archived data. The adjusted average accounts for the communicable diseases reported for February 2018 and estimates the number of expected cases for the month based off of data from 2013- 2017. The case classification status is included with each disease report and is subject to change once more information is obtained.*

Communicable disease activity for February included cases of Chlamydia, Gonorrhea, Hepatitis B (including delta) – chronic, Hepatitis C – chronic, and Influenza-associated hospitalizations. Chlamydia and Hepatitis C – chronic were below their baselines for the month. All other reported diseases exceeded their historical averages. None of the reported diseases for the month required activation of the KCHD Epi Response Plan.

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