

TABLE I
REPORTED DISEASES¹ - TEXAS, 2008-2017

| DISEASE | 2017 | 2016 | 2015 | 2014 | 2013 | 2012 | 2011 | 2010 | 2009 | 2008 |
|--|-------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| AMEBIASIS | 147 | 190 | 206 | 189 | 183 | 148 | 112 | 200 | 244 | 336 |
| AMEBIC CNS ² | 0 | 3 | 3 | 1 | 1 | 1 | 0 | 2 | 0 | 1 |
| ANTHRAX | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANCYLOSTOMIASIS (HOOKWORM) ³ | 10 | 16 | NR ⁴ | NR | NR | NR | NR | NR | NR | NR |
| ASCARIASIS ³ | 75 | 56 | NR | NR | NR | NR | NR | NR | NR | NR |
| BABESIOSIS | 0 | 1 | 1 | 1 | 1 | NR | NR | NR | NR | NR |
| BOTULISM, FOODBORNE | 0 | 1 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| BOTULISM, INFANT ⁵ | 8 | 7 | 7 | 7 | 7 | 1 | 4 | 8 | 4 | 8 |
| BOTULISM, OTHER | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| BOTULISM, WOUND | 0 | 1 | 1 | 1 | 2 | 1 | 1 | 0 | 0 | 1 |
| BRUCELLOSIS | 26 | 43 | 23 | 15 | 11 | 18 | 11 | 21 | 12 | 9 |
| CALIFORNIA ENCEPHALITIS VIRUS ^{6, 7} | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 0 |
| CAMPYLOBACTERIOSIS | 5,449 | 4,667 | 3,994 | 2,589 | 2,640 | 2,390 | 1,741 | 2,001 | 1,617 | 1,441 |
| CARBAPENEM-RESISTANT <i>ENTEROBACTERIACEAE</i> (CRE) | 1,139 | 1,240 | 875 | NA ⁸ | NR | NR | NR | NR | NR | NR |
| CHAGAS | 33 | 27 | 25 | 20 | 19 | NR | NR | NR | NR | NR |
| CHICKENPOX (VARICELLA) | 1,146 | 1,341 | 1,491 | 1,647 | 1,874 | 2,410 | 2,558 | 2,760 | 4,445 | 7,839 |
| CHIKUNGUNYA ⁵ | 15 | 20 | 55 | 114 | NR | NR | NR | NR | NR | NR |
| CHOLERA | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 1 |
| CONTAMINATED SHARPS INJURY | NA | NA ⁹ | 1,137 | 1,292 | 1,447 | 1,263 | NA | 1,309 | 1,241 | 1,652 |
| CRYPTOSPORIDIOSIS | 1,157 | 735 | 740 | 416 | 412 | 302 | 504 | 359 | 419 | 3,342 |
| CYCLOSPORIASIS | 319 | 148 | 316 | 200 | 351 | 44 | 14 | 9 | 10 | 6 |
| CYSTICERCOSIS | 10 | 16 | 14 | 16 | 7 | 10 | 9 | 6 | 9 | 5 |
| DENGUE | 43 | 45 | 32 | 34 | 95 | 16 | 7 | 19 | 14 | 22 |
| DIPHThERIA ¹⁰ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EASTERN EQUINE ENCEPHALITIS VIRUS ⁶ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECHINOCOCCOSIS ³ | 0 | 2 | NR | NR | NR | NR | NR | NR | NR | NR |
| EHRlichiosis/ANAPLASMOSIS | 19 | 17 | 11 | 15 | 8 | 5 | 6 | 7 | 7 | 29 |
| ENCEPHALITIS, NONARBOVIRAL | 0 | NR | NR | NR | NR | 31 | 17 | 17 | 4 | 15 |
| <i>ESCHERICHIA COLI</i> , SHIGA TOXIN-PRODUCING (STEC) | 1,131 | 1,015 | 610 | 612 | 606 | 499 | 486 | 351 | 247 | 332 |
| FASCIOLIASIS ³ | 0 | 0 | NR | NR | NR | NR | NR | NR | NR | NR |
| <i>HAEMOPHILUS INFLUENZAE</i> , INVASIVE | 403 | 317 ¹¹ | 11 | 12 | 5 | 3 | 2 | 12 | 7 | 11 |
| HANTAVIRUS INFECTION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| HANTAVIRUS PULMONARY SYNDROME | 2 | 0 | 2 | 5 | 1 | 0 | 0 | 1 | 0 | 0 |
| HEMOLYTIC UREMIC SYNDROME | 24 | 14 | 14 | 6 | 20 | 13 | 22 | 19 | 6 | 12 |
| HEPATITIS A, ACUTE | 129 | 139 | 147 | 123 | 109 | 134 | 138 | 139 | 184 | 259 |
| HEPATITIS B, ACUTE | 106 | 156 | 159 | 122 | 142 | 170 | 204 | 394 | 420 | 562 |
| HEPATITIS B, PERINATAL ¹² | 2 | 2 | 1 | 3 | 2 | 4 | 4 | 2 | 1 | 8 |
| HEPATITIS C, ACUTE | 56 | 40 | 48 | 47 | 28 | 44 | 37 | 35 | 36 | 59 |
| HEPATITIS D, ACUTE | NR | NR | NR | NR | NR | 0 | 0 | 1 | 0 | 1 |
| HEPATITIS E, ACUTE ¹³ | 20 | 22 | 15 | 17 | 7 | 9 | 14 | 0 | 1 | 0 |
| INFLUENZA, NOVEL A | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 ¹⁴ | 1 |
| INFLUENZA-ASSOCIATED PEDIATRIC MORTALITY ¹⁵ | 12 | 7 | 12 | 23 | 17 | 12 | 11 | 7 | 54 | 9 |
| JAPANESE ENCEPHALITIS VIRUS ⁷ | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| LEGIONELLOSIS | 327 | 270 | 292 | 256 | 168 | 158 | 111 | 136 | 115 | 81 |
| LEISHMANIASIS | 8 | 13 | 6 | 12 | 11 | 6 | 4 | 0 | 2 | 0 |
| LISTERIOSIS | 42 | 34 | 41 | 19 | 28 | 28 | 51 | 53 | 27 | 37 |
| LYME DISEASE | 66 | 71 | 54 | 40 | 82 | 75 | 74 | 142 | 276 | 153 |
| MALARIA | 158 | 159 | 99 | 106 | 90 | 102 | 102 | 98 | 87 | 87 |
| MEASLES | 1 | 1 | 1 | 10 | 27 | 0 | 6 | 0 | 1 | 0 |
| MENINGITIS, ASEPTIC | NR | NR | NR | NR | NR | 1,169 | 1,294 | 1,663 | 1,858 | 1,747 |
| MENINGITIS, BACTERIAL/OTHER ¹⁶ | NR | NR | NR | NR | NR | 387 | 422 | 457 | 428 | 509 |
| MENINGOCOCCAL INFECTION ¹⁷ | 17 | 23 | 30 | 22 | 30 | 37 | 30 | 59 | 53 | 70 |
| MULTIDRUG-RESISTANT <i>ACINETOBACTER</i> (MDR-A) | 1,144 | 1,006 | 978 | NA ⁸ | NR | NR | NR | NR | NR | NR |
| MUMPS | 470 | 191 | 20 | 15 | 13 | 15 | 68 | 121 | 40 | 20 |
| NOVEL CORONAVIRUS ¹⁸ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PARAGONIMIASIS ³ | 0 | 0 | NR | NR | NR | NR | NR | NR | NR | NR |
| PERTUSSIS | 1,765 | 1,286 | 1,504 | 2,576 | 3,985 | 2,218 | 961 | 2,848 | 3,358 | 2,046 |
| PLAGUE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| POLIOMYELITIS ¹⁹ | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| PRION DISEASE ²⁰ | 25 | 33 | 20 | 27 | 14 | 22 | 18 | 28 | 20 | 19 |
| Q FEVER | 20 | 19 | 13 | 12 | 20 | 12 | 19 | 12 | 13 | 24 |
| RABIES, HUMAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| RELAPSING FEVER | NR | NR | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RICKETTSIA, UNSPECIFIED ²¹ | 9 | 13 | 4 | NA ⁹ | NA ⁹ | NA ⁹ | NA ⁹ | NA ⁹ | NA ⁹ | NA ⁹ |
| RUBELLA | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RUBELLA, CONGENITAL SYNDROME ²² | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SALMONELLOSIS | 5,113 | 5,901 | 5,727 | 5,145 | 4,946 | 4,990 | 5,218 | 4,929 | 3,964 | 5,583 |
| SHIGELLOSIS | 1,522 | 4,386 | 5,623 | 2,743 | 2,386 | 1,926 | 2,539 | 2,626 | 2,295 | 4,665 |

| DISEASE | 2017 | 2016 | 2015 | 2014 | 2013 | 2012 | 2011 | 2010 | 2009 | 2008 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| SMALLPOX ²³ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SPOTTED FEVER RICKETTSIOSIS | 106 | 87 | 61 | 94 | 83 | 77 | 52 | 34 | 36 | 62 |
| ST LOUIS ENCEPHALITIS VIRUS ⁶ | 0 | 0 | 0 | 4 | 1 | 3 | 0 | 3 | 4 | 0 |
| <i>STREPTOCOCCUS PNEUMONIAE</i> | 1,798 | 1,737 | 1,693 | 1,562 | 1,715 | 1,535 | 1,603 | 1,912 | 1,952 | 1,886 |
| <i>STREPTOCOCCUS</i> , GROUP A | 851 | 706 | 729 | 601 | 419 | 333 | 427 | 355 | 326 | 426 |
| <i>STREPTOCOCCUS</i> , GROUP B | 1,929 | 1,761 | 1,703 | 1,356 | 1,050 | 1,020 | 903 | 825 | 658 | 583 |
| TAENIASIS | 1 | 2 | 6 | 1 | 0 | 1 | 1 | 1 | 2 | 0 |
| TETANUS | 1 | 2 | 2 | 4 | 2 | 3 | 2 | 0 | 1 | 3 |
| TRICHINOSIS | 0 | 4 | 4 | 2 | 0 | 1 | 2 | 0 | 0 | 0 |
| TRICHURIASIS ³ | 12 | 21 | NR | NR | NR | NR | NR | NR | NR | NR |
| TULAREMIA | 1 | 3 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| TYPHOID FEVER | 27 | 37 | 24 | 20 | 13 | 29 | 26 | 32 | 23 | 31 |
| TYPHUS, MURINE | 519 | 364 | 324 | 308 | 222 | 263 | 286 | 135 | 191 | 157 |
| VENEZUELAN EQUINE ENCEPHALITIS VIRUS ⁶ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <i>VIBRIO PARAHAEMOLYTICUS</i> | 30 | 23 | 22 | 17 | 22 | 16 | 29 | 17 | 13 | 12 |
| <i>VIBRIO VULNIFICUS</i> | 34 | 36 | 35 | 16 | 22 | 15 | 17 | 32 | 19 | 17 |
| <i>VIBRIO</i> , OTHER/UNSPECIFIED | 119 | 42 | 45 | 44 | 40 | 35 | 33 | 30 | 36 | 28 |
| VIRAL HEMORRHAGIC FEVER ²⁴ | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| VISA ²⁵ | 3 | 13 | 9 | 5 | 8 | 23 | 6 | 10 | 4 | 2 |
| VRSA ²⁶ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WESTERN EQUINE ENCEPHALITIS VIRUS ⁶ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WEST NILE FEVER | 48 | 118 | 79 | 126 | 70 | 1,024 | 7 | 12 | 22 | 24 |
| WEST NILE NEUROINVASIVE DISEASE | 87 | 252 | 196 | 253 | 113 | 844 | 20 | 77 | 93 | 40 |
| YELLOW FEVER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| YERSINIOSIS | 46 | 58 | 44 | 26 | 35 | 22 | 18 | 19 | 17 | 14 |
| ZIKA VIRUS DISEASE | 55 | 315 | 8 | NR | NR | NR | NR | NR | NR | NR |

¹ Diseases listed reflect those that were notifiable in Texas each year based on Texas Administrative Code. Counts are by calendar year. Case counts are presumed to be underestimates of true disease incidence due to incomplete reporting. Data in this table may not match tables in articles in this publication that were written prior to completion of data review for this report, or other previously published materials.

² Amebic central nervous system (CNS) infections include primary amebic meningoencephalitis (PAM) caused by *Naegleria fowleri* and CNS infections caused by other amoebae. Counts by organism and year: *Acanthamoeba healyi*: 1-2012, *Acanthamoeba* unspecified: 1-2016; *Balamuthia mandrillaris*: 1-2010, 1-2014, 1-2015, 1-2016; *Naegleria fowleri* 1-2008, 1-2010, 1-2013, 2-2015, 1-2016.

³ Neglected tropical diseases reportable effective 2016 are ancylostomiasis (hookworm), ascariasis, echinococcosis, fascioliasis, paragonimiasis, and trichuriasis. Numbers previously published for 2016 for ancylostomiasis (hookworm), ascariasis, and trichuriasis have been corrected and include additional cases that were retrospectively identified.

⁴ Condition was not reportable (NR) in Texas.

⁵ Infant botulism cases are under 1 year of age by definition.

⁶ These arbovirus counts include both neuroinvasive and non-neuroinvasive cases.

⁷ California encephalitis/meningitis refers to all California serogroup viruses. California serogroup includes California encephalitis, Keystone, snowshoe hare, and trivittatus viruses. Cases of Jamestown Canyon and La Crosse are listed separately.

⁸ Data is not available (NA) for the whole year. MDR-A and CRE were not officially reportable until April 21st, 2014.

⁹ Data is not available (NA) due to changes in case classification or surveillance practices.

¹⁰ The last case of diphtheria reported in Texas occurred in 1977. Between 2008 and 2017, 1 case was reported in the United States (2012).

¹¹ Effective in 2016, *Haemophilus influenzae* type b infection, invasive was expanded to all invasive *Haemophilus influenzae* regardless of type.

¹² Perinatal hepatitis B cases are defined as infants >1 month through 24 months of age born in the US to HBsAg positive mothers.

¹³ Through 2010 only confirmed cases are counted. Beginning in 2011 a probable case definition was added and subsequent counts include both confirmed and probable cases.

¹⁴ The first Texas case of the 2009 novel H1 N1 influenza A strain was identified in April. This strain resulted in a pandemic.

¹⁵ Influenza-associated pediatric mortality cases are under 18 years of age by definition.

¹⁶ Meningitis, bacterial/other" includes all cases of meningitis due to bacterial, fungal, and parasitic infectious agents. It includes cases that are also counted under specific etiologic agents such as *Haemophilus influenzae* serotype b, *Neisseria meningitidis*, Group A *Streptococcus*, Group B *Streptococcus*, *Streptococcus pneumoniae* and *Listeria monocytogenes*.

¹⁷ Includes all cases of invasive *Neisseria meningitidis* including cases of meningitis, septicemia, and joint infections.

¹⁸ In 2014, the more general category of novel coronavirus causing severe acute respiratory disease was added to the Texas notifiable conditions list in place of severe acute respiratory syndrome-associated coronavirus (SARS). No cases have ever been reported in Texas.

¹⁹ The last reported case of wild-strain paralytic poliomyelitis occurred in Texas in 1977 and in the US in 1979. The last Texas case of vaccine-associated paralytic poliomyelitis (VAPP) acquired in the US occurred in 1999. The use of oral polio vaccine (OPV) was discontinued in the US in 2000. The 2013 case is travel-associated VAPP.

²⁰ Effective in 2016, Creutzfeldt-Jakob disease was expanded to include all human prion disease. Beginning with this report, the following case count corrections have been made: 2009 - from 21 to 20, 2012 - from 21 to 22, 2014 - from 26 to 27, 2015 - from 18 to 20, and 2016 - from 32 to 33.

²¹ Rickettsia, unspecified replaced "dual reporting" in typhus/spotted fever cases in 2015. It was added to the Epi Case Criteria Guide in 2016 and defined as clinically compatible cases with serological evidence of elevated IgG or IgM antibody reactive with spotted fever and typhus group antigens by IFA that cannot be classified as either flea-borne typhus or spotted fever group rickettsioses.

²² Congenital rubella cases are under 1 year of age by definition.

²³ The last case of smallpox in the United States occurred in Texas in 1949. The last naturally occurring case in the world occurred in 1977.

²⁴ This category includes exotic conditions such as Lassa fever, Marburg, and Ebola. Dengue and Hantavirus would be reported only under their respective conditions. In 2014 there were 3 cases of Ebola virus with onset in Texas, one case imported from Liberia and 2 nurses with secondary transmission from the imported case.

²⁵ Vancomycin-intermediate resistant *Staphylococcus aureus* (VISA)--*Staphylococcus aureus* with a vancomycin minimum inhibitory concentration (MIC) of 4 µg/mL through 8 µg/mL.

²⁶ Vancomycin-resistant *Staphylococcus aureus* (VRSA)--*Staphylococcus aureus* with a vancomycin MIC of 16 µg/mL or greater.