

Table 2a. Ten-Year Trend in Number of Reported Cases of Reportable Diseases in Virginia, 2006-2015

| Disease | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | Previous 5-year Avg |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------------|
| AIDS~ | 589 | 599 | 638 | - | - | - | - | - | - | - | - |
| Amebiasis | 45 | 53 | 42 | 20 | 14 | 17 | 29 | 26 | 29 | 25 | 23.0 |
| Anthrax | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Arboviral infection | 5 | 5 | 3 | 8 | 20 | 20 | 51 | 34 | 84 | 69 | 41.8 |
| Botulism, foodborne | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Botulism, non-foodborne | 0 | 0 | 3 | 4 | 1 | 2 | 2 | 3 | 1 | 3 | 1.8 |
| Brucellosis | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 3 | 1 | 2 | 0.8 |
| Campylobacteriosis | 669 | 665 | 669 | 770 | 778 | 805 | 764 | 709 | 744 | 1,564 | 760.0 |
| Chancroid | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0.2 |
| Chickenpox (Varicella) | 1,959 | 1,582 | 1,489 | 773 | 548 | 549 | 505 | 374 | 324 | 354 | 460.0 |
| <i>Chlamydia trachomatis</i> infection | 24,081 | 24,528 | 31,205 | 30,904 | 30,799 | 36,317 | 35,016 | 33,561 | 35,725 | 35,341 | 34,283.6 |
| Cholera | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0.4 |
| Creutzfeldt-Jakob disease (CJD)* | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0.4 |
| Cryptosporidiosis | 71 | 90 | 81 | 86 | 109 | 140 | 144 | 144 | 152 | 234 | 137.8 |
| Cyclosporiasis | 0 | 2 | 2 | 1 | 1 | 2 | 1 | 4 | 4 | 8 | 2.4 |
| Diphtheria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Ehrlichiosis/Anaplasmosis | 8 | 39 | 65 | 72 | 93 | 131 | 148 | 143 | 137 | 116 | 130.4 |
| <i>E. coli</i> infection, Shiga toxin-producing | 168 | 165 | 241 | 156 | 149 | 123 | 81 | 109 | 121 | 107 | 116.6 |
| Giardiasis | 514 | 582 | 432 | 503 | 512 | 290 | 272 | 278 | 256 | 269 | 321.6 |
| Gonorrhea | 6,474 | 6,267 | 10,336 | 7,791 | 7,401 | 6,521 | 6,894 | 6,992 | 8,196 | 8,095 | 7,200.8 |
| Granuloma inguinale | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| <i>Haemophilus influenzae</i> infection, invasive | 69 | 80 | 92 | 88 | 85 | 108 | 101 | 98 | 88 | 121 | 96.0 |
| Hantavirus pulmonary syndrome | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Hemolytic uremic syndrome | 2 | 1 | 2 | 2 | 2 | 3 | 3 | 6 | 6 | 4 | 4.0 |
| Hepatitis A | 64 | 89 | 51 | 42 | 52 | 30 | 49 | 36 | 27 | 50 | 38.8 |
| Hepatitis B, acute | 78 | 144 | 130 | 110 | 97 | 84 | 84 | 72 | 61 | 69 | 79.6 |
| Hepatitis C, acute | 9 | 8 | 8 | 10 | 13 | 25 | 76 | 41 | 53 | 52 | 41.6 |
| HIV disease~ | 914 | 836 | 844 | 1429* | 1,194 | 1,085 | 1,105 | 1,151 | 1,090 | 1,062 | 1,125.0 |
| Influenza | 16,107 | 8,416 | 24,580 | 40,614 | 2,467 | 18,153 | 19,146 | 27,564 | 36,663 | 2,099 | 20,798.6 |
| Influenza-associated deaths in children** | 3 | 3 | 3 | 8 | 0 | 5 | 1 | 2 | 7 | 2 | 3.0 |
| Kawasaki syndrome | 6 | 2 | 3 | 3 | 2 | - | - | - | - | - | 0.4 |
| Lead - elevated blood levels in children*** | 515 | 394 | 307 | 389 | 350 | 274 | 201 | 164 | 264 | 226 | 250.6 |
| Legionellosis | 68 | 61 | 66 | 67 | 79 | 93 | 76 | 123 | 129 | 139 | 100.0 |
| Leprosy (Hansen disease) | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 2 | 0.6 |
| Listeriosis | 20 | 16 | 17 | 16 | 13 | 15 | 18 | 29 | 25 | 22 | 20.0 |
| Lyme disease | 357 | 959 | 933 | 908 | 1,245 | 1,023 | 1,110 | 1,307 | 1,346 | 1,539 | 1,206.2 |
| Lymphogranuloma venereum | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Malaria | 55 | 65 | 49 | 61 | 67 | 78 | 65 | 75 | 77 | 66 | 72.4 |
| Measles | 0 | 0 | 1 | 1 | 3 | 7 | 0 | 0 | 2 | 1 | 2.4 |

Table 2a. Ten-Year Trend in Number of Reported Cases of Reportable Diseases in Virginia, 2006-2015 (continued)

| Disease | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | Previous 5-year Avg |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|
| Meningococcal disease | 22 | 23 | 24 | 18 | 21 | 18 | 5 | 7 | 10 | 10 | 12.2 |
| Monkeypox | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Mumps | 117 | 27 | 9 | 9 | 13 | 13 | 7 | 109 | 20 | 34 | 32.4 |
| Ophthalmia neonatorum | 11 | 5 | 10 | 7 | 7 | 8 | 11 | 4 | 6 | 4 | 7.2 |
| Pertussis | 221 | 128 | 198 | 222 | 384 | 399 | 625 | 418 | 505 | 369 | 466.2 |
| Plague | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Poliovirus infection, including poliomyelitis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Psittacosis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Q fever | 4 | 4 | 2 | 1 | 2 | 3 | 0 | 3 | 4 | 0 | 2.4 |
| Rabies in animals | 637 | 730 | 620 | 564 | 573 | 618 | 562 | 488 | 519 | 500 | 552.0 |
| Rabies in humans | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Rubella, including congenital rubella syndrome | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0.4 |
| Salmonellosis | 1,089 | 1,249 | 1,165 | 1,095 | 1,210 | 1,208 | 1,144 | 1,048 | 1,150 | 1,181 | 1,152.0 |
| Severe acute respiratory syndrome (SARS) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Shigellosis | 120 | 200 | 310 | 198 | 145 | 107 | 91 | 115 | 214 | 317 | 134.4 |
| Smallpox | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Spotted fever rickettsiosis, including RMSF | 114 | 123 | 155 | 53 | 145 | 231 | 461 | 350 | 373 | 296 | 312.0 |
| <i>Staphylococcus aureus</i> infection, invasive (MRSA) | - | 253 | 1,524 | 1,124 | 1,201 | 1,304 | 1,294 | 1,247 | 1,134 | 1,142 | 1,236.0 |
| <i>Staphylococcus aureus</i> infection, VISA or VRSA | 0 | 1 | 0 | 0 | 1 | 2 | 2 | 3 | 3 | 1 | 2.2 |
| Streptococcal disease, Group A, invasive or TSS | 132 | 162 | 150 | 174 | 191 | 192 | 168 | 190 | 210 | 222 | 190.2 |
| <i>Streptococcus pneumoniae</i> infection, invasive**** | 50 | 52 | 52 | 47 | 59 | 33 | 36 | 37 | 19 | 28 | 36.8 |
| Syphilis, early | 351 | 407 | 500 | 529 | 553 | 502 | 593 | 676 | 556 | 745 | 576.0 |
| Tetanus | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0.6 |
| Toxic shock syndrome (Staphylococcal) | 0 | 1 | 0 | 0 | 2 | - | - | - | - | - | 0.4 |
| Toxic substance-related illness | 415 | 434 | 356 | 342 | 298 | 273 | 317 | 304 | 357 | 381 | 309.8 |
| Trichinosis (Trichinellosis) | 0 | 0 | 1 | 0 | 0 | 2 | 2 | 2 | 1 | 0 | 1.4 |
| Tuberculosis | 332 | 309 | 292 | 273 | 268 | 221 | 235 | 180 | 198 | 212 | 220.4 |
| Tularemia | 0 | 3 | 1 | 0 | 1 | 6 | 2 | 2 | 0 | 4 | 2.2 |
| Typhoid fever | 20 | 21 | 19 | 12 | 11 | 9 | 10 | 10 | 9 | 11 | 9.8 |
| Vaccinia, disease or adverse event | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0.2 |
| <i>Vibrio</i> infection | 32 | 33 | 29 | 29 | 40 | 30 | 41 | 42 | 59 | 40 | 42.4 |
| Viral hemorrhagic fever | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Yellow fever | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Yersiniosis | 10 | 10 | 14 | 11 | 13 | 10 | 8 | 11 | 21 | 17 | 12.6 |

~ Beginning in 2009, HIV infection and AIDS data, formerly presented separately, are presented together as HIV disease. This category encompasses persons newly reported to VDH with HIV infection regardless of disease progression, including those with an AIDS-defining condition at first report.

- Not a reportable disease at this time.

* Condition is reportable only in individuals < 55 years of age.

** Condition is reportable only in children < 18 years of age.

*** Condition is reportable only in children < 16 years of age.

**** Condition is reportable only in children < 5 years of age.