

Table 2b. Ten-Year Trend in Incidence Rate per 100,000 Population for Reportable Diseases, Virginia, 2007-2016

Disease	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Previous 5-yr Annual Rate
AIDS~	7.8	8.3	-	-	-	-	-	-	-	-	-
Amebiasis	0.7	0.5	0.3	0.2	0.2	0.4	0.3	0.4	0.3	0.5	0.3
Anthrax	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Arboviral disease	0.1	0.0	0.1	0.3	0.2	0.6	0.4	1.0	0.8	1.8	0.6
Botulism, foodborne	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Botulism, non-foodborne	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Brucellosis	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Campylobacteriosis	8.7	8.7	9.9	9.9	10.1	9.4	8.7	9.0	18.8	18.8	11.2
Chancroid	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chickenpox (Varicella)	20.7	19.3	9.9	7.0	6.9	6.2	4.6	3.9	4.3	3.4	5.2
<i>Chlamydia trachomatis</i> infection	320.9	404.6	397.8	390.7	453.9	432.5	410.0	432.5	424.5	471.6	430.5
Cholera	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Creutzfeldt-Jakob disease (CJD)*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cryptosporidiosis	1.2	1.1	1.1	1.4	1.7	1.8	1.8	1.8	2.8	2.9	2.0
Cyclosporiasis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Diphtheria	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ehrlichiosis/Anaplasmosis	0.5	0.8	0.9	1.2	1.6	1.8	1.7	1.7	1.4	1.4	1.7
<i>E. coli</i> infection, Shiga toxin-producing	2.2	3.1	2.0	1.9	1.5	1.0	1.3	1.5	1.3	1.7	1.3
Giardiasis	7.6	5.6	6.5	6.5	3.6	3.4	3.4	3.1	3.2	3.8	3.3
Gonorrhea	82.0	134.0	100.3	93.9	81.5	85.1	85.4	99.2	97.2	131.8	89.8
Granuloma inguinale	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Haemophilus influenzae</i> infection, invasive	1.0	1.2	1.1	1.1	1.3	1.2	1.2	1.1	1.5	1.7	1.3
Hantavirus pulmonary syndrome	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hemolytic uremic syndrome	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1
Hepatitis A	1.2	0.7	0.5	0.7	0.4	0.6	0.4	0.3	0.6	2.3	0.5
Hepatitis B, acute	1.9	1.7	1.4	1.2	1.0	1.0	0.9	0.7	0.8	0.7	0.9
Hepatitis C, acute	0.1	0.1	0.1	0.2	0.3	0.9	0.5	0.6	0.6	0.9	0.6
HIV disease~	10.9	10.9	18.4	15.1	13.6	13.6	14.1	13.2	12.8	11.0	13.4
Influenza	110.1	318.7	522.8	31.3	226.9	236.5	336.7	443.8	25.2	192.0	253.5
Influenza-associated deaths in children**	0.2	0.2	0.4	0.0	0.3	0.1	0.1	0.4	0.1	0.1	0.2
Kawasaki syndrome	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-
Lead - elevated blood levels in children***	24.7	19.0	24.0	21.3	16.7	12.2	10.0	15.9	13.6	57.5	13.7
Legionellosis	0.8	0.9	0.9	1.0	1.2	0.9	1.5	1.6	1.7	1.7	1.4
Leprosy (Hansen disease)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Listeriosis	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.3	0.3	0.3
Lyme disease	12.5	12.1	11.7	15.8	12.8	13.7	16.0	16.3	18.5	16.1	15.5
Lymphogranuloma venereum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Malaria	0.9	0.6	0.8	0.8	1.0	0.8	0.9	0.9	0.8	0.9	0.9
Measles	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0

Table 2b. Ten-Year Trend in Incidence Rate per 100,000 Population for Reportable Diseases, Virginia, 2007-2016 (continued)

Disease	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Previous 5-yr Annual Rate
Meningococcal disease	0.3	0.3	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Monkeypox	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mumps	0.4	0.1	0.1	0.2	0.2	0.1	1.3	0.2	0.4	0.2	0.4
Ophthalmia neonatorum	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.1
Pertussis	1.7	2.6	2.9	4.9	5.0	7.7	5.1	6.1	4.4	2.7	5.7
Plague	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
Psittacosis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Q fever	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rabies in humans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rubella, including congenital rubella syndrome	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Salmonellosis	16.3	15.1	14.1	15.4	15.1	14.1	12.8	13.9	14.2	14.2	14.0
Severe acute respiratory syndrome (SARS)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis	2.6	4.0	2.5	1.8	1.3	1.1	1.4	2.6	3.8	4.3	2.1
Smallpox	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spotted fever rickettsiosis, including RMSF	1.6	2.0	0.7	1.8	2.9	5.7	4.3	4.5	3.6	3.7	4.2
<i>Staphylococcus aureus</i> infection, invasive (MRSA)	3.3	19.8	14.5	15.2	16.3	16.0	15.2	13.7	13.7	11.3	15.0
<i>Staphylococcus aureus</i> infection, VISA or VRSA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Streptococcal disease, Group A, invasive or TSS	2.1	1.9	2.2	2.4	2.4	2.1	2.3	2.5	2.7	2.9	2.4
<i>Streptococcus pneumoniae</i> infection, invasive****	10.2	10.0	9.0	11.1	6.5	7.1	7.3	3.7	5.4	7.0	6.0
Syphilis, early	5.3	6.5	6.8	7.0	6.3	7.3	8.3	6.7	8.9	12.8	7.5
Tetanus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Toxic shock syndrome (Staphylococcal)	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-
Toxic substance-related illness	5.7	4.6	4.4	3.8	3.4	3.9	3.7	4.3	4.6	10.3	4.0
Trichinosis (Trichinellosis)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tuberculosis	4.0	3.8	3.5	3.4	2.8	2.9	2.2	2.4	2.5	2.4	2.6
Tularemia	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Typhoid fever	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Vaccinia, disease or adverse event	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Vibrio</i> infection	0.4	0.4	0.4	0.5	0.4	0.5	0.5	0.7	0.5	0.5	0.5
Viral hemorrhagic fever	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
Yersiniosis	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.3	0.2	0.3	0.2

~ 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.