

**Table 6. Number of Reported Cases of Selected Diseases and Rate per 100,000
by Health Planning Region, Virginia, 2016**

Disease	Total		Northwest Region		Northern Region		Southwest Region		Central Region		Eastern Region	
	Population:	8,382,993	1,302,405	2,447,654	1,356,177	1,421,951	1,854,806					
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
Amebiasis	39	0.5	4	0.3	24	1.0	2	0.1	4	0.3	5	0.3
Arboviral disease	154	1.8	22	1.7	84	3.4	15	1.1	20	1.4	13	0.7
Campylobacteriosis	1,580	18.8	441	33.9	546	22.3	175	12.9	196	13.8	222	12.0
Chickenpox (Varicella)	284	3.4	45	3.5	148	6.0	31	2.3	36	2.5	24	1.3
<i>Chlamydia trachomatis</i> infection	39,535	471.6	3,755	288.3	7,669	313.3	4,690	345.8	9,425	662.8	13,996	754.6
Cryptosporidiosis	244	2.9	45	3.5	79	3.2	24	1.8	18	1.3	78	4.2
Ehrlichiosis/Anaplasmosis	115	1.4	28	2.1	12	0.5	32	2.4	28	2.0	15	0.8
<i>E. coli</i> infection, Shiga toxin-producing	139	1.7	41	3.1	58	2.4	26	1.9	7	0.5	7	0.4
Giardiasis	317	3.8	48	3.7	151	6.2	30	2.2	32	2.3	56	3.0
Gonorrhea	11,046	131.8	542	41.6	1,364	55.7	1,317	97.1	3,402	239.2	4,421	238.4
<i>Haemophilus influenzae</i> infection, invasive	142	1.7	28	2.1	26	1.1	29	2.1	31	2.2	28	1.5
Hemolytic uremic syndrome	4	0.0	2	0.2	2	0.1	0	0.0	0	0.0	0	0.0
Hepatitis A	190	2.3	58	4.5	76	3.1	12	0.9	17	1.2	27	1.5
Hepatitis B, acute	56	0.7	4	0.3	3	0.1	21	1.5	19	1.3	9	0.5
Hepatitis C, acute	73	0.9	30	2.3	5	0.2	23	1.7	11	0.8	4	0.2
HIV disease*	918	11.0	66	5.1	251	10.3	59	4.4	217	15.3	325	17.5
Influenza	16,092	192.0	3,681	282.6	3,592	146.8	3,783	278.9	2,050	144.2	2,986	161.0
Lead - elevated blood levels in children**	955	57.5	121	47.5	329	61.4	139	59.3	221	81.4	145	39.7
Legionellosis	144	1.7	18	1.4	23	0.9	29	2.1	39	2.7	35	1.9
Listeriosis	23	0.3	4	0.3	6	0.2	4	0.3	7	0.5	2	0.1
Lyme disease	1,350	16.1	321	24.6	467	19.1	470	34.7	58	4.1	34	1.8
Malaria	74	0.9	6	0.5	57	2.3	0	0.0	3	0.2	8	0.4
Measles	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal disease	10	0.1	3	0.2	4	0.2	2	0.1	1	0.1	0	0.0
Mumps	17	0.2	1	0.1	12	0.5	1	0.1	3	0.2	0	0.0
Pertussis	225	2.7	85	6.5	28	1.1	63	4.6	30	2.1	19	1.0
Q fever	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rabies in animals ~	348	-	105	-	65	-	71	-	40	-	67	-
Salmonellosis	1,193	14.2	229	17.6	314	12.8	164	12.1	219	15.4	267	14.4
Shigellosis	358	4.3	20	1.5	57	2.3	46	3.4	62	4.4	173	9.3
Spotted fever rickettsiosis, including RMSF	312	3.7	65	5.0	35	1.4	96	7.1	80	5.6	36	1.9
<i>Staphylococcus aureus</i> infection, invasive (MRSA)	951	11.3	182	14.0	168	6.9	235	17.3	223	15.7	143	7.7

**Table 6. Number of Reported Cases of Selected Diseases and Rate per 100,000
by Health Planning Region, Virginia, 2015 (continued)**

Disease	Total		Northwest Region		Northern Region		Southwest Region		Central Region		Eastern Region	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
Population:	8,382,993		1,302,405		2,447,654		1,356,177		1,421,951		1,854,806	
Streptococcal disease, Group A, invasive or TSS	240	2.9	39	3.0	49	2.0	55	4.1	38	2.7	59	3.2
<i>Streptococcus pneumoniae</i> , invasive***	36	7.0	11	14.7	11	6.4	5	7.2	3	3.7	6	5.1
Syphilis, early	1,072	12.8	42	3.2	242	9.9	43	3.2	286	20.1	459	24.7
Tuberculosis	205	2.4	13	1.0	126	5.1	13	1.0	23	1.6	30	1.6
Typhoid fever	12	0.1	0	0.0	8	0.3	2	0.1	1	0.1	1	0.1
<i>Vibrio</i> infection	40	0.5	4	0.3	3	0.1	0	0.0	10	0.7	23	1.2

* 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.

** Condition is reportable only in children < 16 years of age. Rates are based on 0-15 year old population.

~ Population rate is not applicable for rabies in animals. Data reflect number of positive rabies results.

*** Condition is reportable only in children < 5 years of age. Rates are based on 0-4 year old population.