

Table 6. Number of Reported Cases of Selected Diseases and Rate per 100,000 by Region, Virginia, 2006

Disease	Total	Northwest Region		Northern Region		Southwest Region		Central Region		Eastern Region	
		Population 7,567,465		2,023,872		1,314,119		1,286,635		1,789,693	
		N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
AIDS	589	44	3.8	247	12.2	27	2.1	134	10.4	137	7.7
Amebiasis	45	7	0.6	18	0.9	14	1.1	2	0.2	4	0.2
Arboviral infection	5	0	0.0	5	0.2	0	0.0	0	0.0	0	0.0
Campylobacteriosis	669	118	10.2	191	9.4	134	10.2	88	6.8	138	7.7
Chickenpox (Varicella)	1,959	357	31.0	590	29.2	450	34.2	218	16.9	344	19.2
<i>Chlamydia trachomatis</i> infection	24,081	2,777	240.8	3,226	159.4	2,876	218.9	5,419	421.2	9,783	546.6
Creutzfeldt-Jakob Disease (CJD)	1	0	0.0	0	0.0	0	0.0	0	0.0	1	0.1
Cryptosporidiosis	71	20	1.7	11	0.5	25	1.9	4	0.3	11	0.6
Ehrlichiosis	8	1	0.1	2	0.1	1	0.1	3	0.2	1	0.1
<i>E. coli</i> infection, Shiga toxin-producing	168	50	4.3	52	2.6	25	1.9	12	0.9	29	1.6
Giardiasis	514	114	9.9	189	9.3	57	4.3	72	5.6	82	4.6
Gonorrhea	6,474	422	36.6	444	21.9	975	74.2	1,926	149.7	2,707	151.3
<i>Haemophilus influenzae</i> , invasive	69	11	1.0	9	0.4	20	1.5	18	1.4	11	0.6
Hansen disease (Leprosy)	1	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0
Hemolytic uremic syndrome	2	0	0.0	0	0.0	0	0.0	1	0.1	1	0.1
Hepatitis A	64	12	1.0	38	1.9	3	0.2	6	0.5	5	0.3
Hepatitis B, acute	78	3	0.3	12	0.6	17	1.3	19	1.5	27	1.5
Hepatitis C, acute	9	1	0.1	1	0.0	2	0.2	4	0.3	1	0.1
HIV infection	914	54	4.7	273	13.5	61	4.6	249	19.4	277	15.5
Influenza	16,107	1,668	144.6	3,797	187.6	3,679	280.0	3,911	304.0	3,052	170.5
Kawasaki syndrome	6	2	0.2	1	0.0	3	0.2	0	0.0	0	0.0
Lead - elevated levels in children*	515	66	27.7	80	17.3	105	43.3	166	61.7	98	24.3
Legionellosis	68	13	1.1	11	0.5	18	1.4	10	0.8	16	0.9
Listeriosis	20	2	0.2	6	0.3	5	0.4	3	0.2	4	0.2
Lyme disease	357	49	4.2	255	12.6	17	1.3	7	0.5	29	1.6
Malaria	55	4	0.3	34	1.7	6	0.5	5	0.4	6	0.3
Meningococcal infection	22	4	0.3	7	0.3	3	0.2	3	0.2	5	0.3
Mumps	117	56	4.9	23	1.1	8	0.6	20	1.6	10	0.6
Pertussis	221	41	3.6	91	4.5	24	1.8	19	1.5	46	2.6
Q fever	4	0	0.0	0	0.0	0	0.0	1	0.1	3	0.2
Rocky Mountain spotted fever	114	11	1.0	18	0.9	28	2.1	28	2.2	29	1.6
Salmonellosis	1,089	185	16.0	312	15.4	155	11.8	218	16.9	219	12.2
Shigellosis	120	13	1.1	62	3.1	20	1.5	14	1.1	11	0.6
Streptococcal disease, Group A, invasive	132	31	2.7	27	1.3	26	2.0	17	1.3	31	1.7
<i>Streptococcus pneumoniae</i> , invasive**	50	8	11.1	14	8.8	6	8.4	8	9.7	14	11.0

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Disease	Total	Northwest Region		Northern Region		Southwest Region		Central Region		Eastern Region	
		N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
Population	7,567,465	1,153,146		2,023,872		1,314,119		1,286,635		1,789,693	
Syphilis, early	351	18	1.6	94	4.6	21	1.6	60	4.7	158	8.8
Tuberculosis	332	27	2.3	199	9.8	10	0.8	40	3.1	56	3.1
Typhoid fever	20	1	0.1	14	0.7	0	0.0	5	0.4	0	0.0
<i>Vibrio</i> infection	32	1	0.1	7	0.3	2	0.2	2	0.2	20	1.1

^ Rates based on 0-54 year old population

* Rates based on 0-15 year old population

** Rates based on 0-4 year old population