

Table 2. Ten Year Trend in Number of Reported Cases of Selected Diseases, Virginia, 1986-1995

DISEASE	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
AIDS *	167	268	377	444	646	665	747	1630	1200	1461
Amebiasis	44	50	19	24	18	31	36	34	39	16
Aseptic meningitis	311	281	210	417	386	463	310	343	337	780
Bacterial meningitis	239	199	187	191	144	135	124	105	83	130
Campylobacteriosis	591	639	731	689	598	640	656	706	824	648
Chickenpox	2324	2754	1733	3492	2677	2942	3911	2917	2844	2667
Chlamydia trachomatis inf.	--	--	--	6002	13391	16717	11305	11389	12976	12287
Encephalitis, primary	45	41	41	47	58	48	43	44	34	40
Giardiasis	302	262	250	304	359	459	366	373	337	318
Gonorrhea	18742	14353	14464	15993	17652	17256	15773	11620	13414	10342
H. influenzae infection	--	--	--	50	60	62	37	28	22	28
Hepatitis A	153	244	362	334	302	191	164	156	193	238
Hepatitis B	540	448	343	321	279	219	193	157	142	118
Hepatitis Non-A Non-B	77	51	77	70	46	37	48	54	26	21
Histoplasmosis	6	8	7	11	6	5	14	11	180	4
HIV*	--	--	--	197	1140	1645	1366	1481	1124	1268
Influenza	4942	1284	2524	2108	937	1392	148	1363	957	1484
Kawasaki syndrome	25	31	14	23	24	24	27	31	27	32
Legionellosis	29	12	11	13	13	17	29	11	17	28
Lyme disease	--	--	--	54	129	151	123	95	131	55
Malaria	36	27	23	47	54	52	47	41	37	55
Measles	60	1	239	22	86	30	16	4	3	0
Meningococcal infection	79	72	59	73	58	39	61	52	69	64
Mumps	46	88	139	125	108	70	58	40	48	28
Occupational illnesses	45	209	180	219	69	146	68	111	103	214
Pertussis	56	58	29	37	25	24	18	75	37	31
Rabies in animals	200	363	366	262	202	253	362	387	428	459
Rocky Mtn spotted fever	51	22	17	18	25	21	26	14	22	34
Salmonellosis	1456	1830	1733	1452	1491	1312	957	1055	1135	1358
Shigellosis	101	247	497	410	158	384	253	776	656	412
Syphilis, early	567	568	822	1088	1551	1622	1347	1268	1409	1144
Tuberculosis	415	458	406	380	410	379	456	458	372	359
Typhoid fever	11	10	13	7	6	11	5	7	9	10

--These diseases only became reportable in 1989.

*Some numbers have changed from those previously reported due to a reassessment of the data.

Table 3. Number of Reported Cases and Rate per 100,000 Population for Selected Diseases by Health Planning Region, Virginia, 1995

DISEASE	TOTAL		NORTHWEST REGION		NORTHERN REGION		SOUTHWEST REGION		CENTRAL REGION		EASTERN REGION	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Total Population	6,551,576		900,721		1,609,829		1,249,188		1,114,328		1,677,510	
AIDS	1461	22.30	76	8.44	365	22.67	151	12.09	315	28.27	554	33.03
Amebiasis	16	0.24	2	0.22	7	0.43	1	0.08	2	0.18	4	0.24
Aseptic meningitis	780	11.91	86	9.55	128	7.95	44	3.52	50	4.49	472	28.14
Bacterial meningitis	130	1.98	29	3.22	24	1.49	22	1.76	16	1.44	39	2.32
Campylobacteriosis	648	9.89	158	17.54	103	6.40	134	10.73	156	14.00	97	5.78
Chickenpox	2667	40.71	148	16.43	535	33.23	242	19.37	106	9.51	1636	97.53
Chlamydia trachomatis inf.	12287	187.54	1653	183.52	1726	107.22	1915	153.30	3455	310.05	3538	210.91
Encephalitis, primary	40	0.61	9	1.00	4	0.25	6	0.48	4	0.36	17	1.01
Giardiasis	318	4.85	31	3.44	116	7.21	81	6.48	33	2.96	57	3.40
Gonorrhea	10342	157.86	620	68.83	931	57.83	1261	100.95	3079	276.31	4451	265.33
H. influenzae infection	28	0.43	8	0.89	6	0.37	6	0.48	3	0.27	5	0.30
Hepatitis A	238	3.63	21	2.33	86	5.34	47	3.76	46	4.13	38	2.27
Hepatitis B	118	1.80	14	1.55	35	2.17	26	2.08	15	1.35	28	1.67
Hepatitis Non-A Non-B	21	0.32	2	0.22	4	0.25	4	0.32	4	0.36	7	0.42
Histoplasmosis	4	0.06	1	0.11	0	0.00	1	0.08	1	0.09	1	0.06
HIV infection	1268	19.35	50	5.55	216	13.42	97	7.77	408	36.61	497	29.63
Influenza	1484	22.65	158	17.54	90	5.59	990	79.25	11	0.99	235	14.01
Kawasaki syndrome	32	0.49	2	0.22	14	0.87	6	0.48	0	0.00	10	0.60
Legionellosis	28	0.43	10	1.11	6	0.37	6	0.48	2	0.18	4	0.24
Lyme disease	55	0.84	9	1.00	13	0.81	9	0.72	11	0.99	13	0.77
Malaria	55	0.84	1	0.11	48	2.98	0	0.00	3	0.27	3	0.18
Measles	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Meningococcal infection	64	0.98	6	0.67	14	0.87	11	0.88	15	1.35	18	1.07
Mumps	28	0.43	0	0.00	2	0.12	6	0.48	8	0.72	12	0.72
Pertussis	31	0.47	1	0.11	13	0.81	1	0.08	4	0.36	12	0.72
Rabies in animals	459	--	134	--	61	--	85	--	95	--	84	--
Rocky Mtn spotted fever	34	0.52	12	1.33	3	0.19	11	0.88	4	0.36	4	0.24
Salmonellosis	1358	20.73	154	17.10	401	24.91	180	14.41	309	27.73	314	18.72
Shigellosis	412	6.29	30	3.33	123	7.64	22	1.76	31	2.78	206	12.28
Syphilis, early	1144	17.46	11	1.22	32	1.99	80	6.40	187	16.78	834	49.72
Tuberculosis	359	5.48	24	2.66	150	9.32	30	2.40	53	4.76	102	6.08
Typhoid fever	10	0.15	1	0.11	8	0.50	0	0.00	1	0.09	0	0.00

Table 4. Number of Reported Cases and Rate per 100,000 Population for Selected Diseases by Age Group, Virginia, 1995

Disease	Infants		Age 1-9		Age 10-19		Age 20-29		Age 30-39		Age 40-49		Age 50+		Unk.
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.
Total Population	84,147		813,528		904,593		1,038,665		1,103,965		954,057		1,652,621		
AIDS	8	9.51	7	0.86	9	0.99	264	25.42	693	62.77	352	36.90	128	7.75	0
Amebiasis	0	0.00	1	0.12	2	0.22	6	0.58	2	0.18	2	0.21	2	0.12	1
Aseptic meningitis	106	125.97	164	20.16	131	14.48	148	14.25	147	13.32	38	3.98	35	2.12	11
Bacterial meningitis	43	51.10	14	1.72	6	0.66	6	0.58	6	0.54	14	1.47	38	2.30	3
Campylobacteriosis	23	27.33	103	12.66	62	6.85	126	12.13	132	11.96	68	7.13	120	7.26	14
Chlamydia trachomatis inf.	31	36.84	11	1.35	5702	630.34	5246	505.07	820	74.28	124	26.19	45	2.46	308
Encephalitis, primary	4	4.75	5	0.61	3	0.33	3	0.29	3	0.27	10	1.05	12	0.73	0
Giardiasis	3	3.57	109	13.40	22	2.43	39	3.75	67	6.07	39	4.09	30	1.82	9
Gonorrhea	26	30.90	10	1.23	3173	350.77	4450	428.43	1793	162.41	556	117.42	170	9.29	164
H. influenzae infection	7	8.32	4	0.49	1	0.11	2	0.19	3	0.27	0	0.00	11	0.67	0
Hepatitis A	0	0.00	20	2.46	32	3.54	61	5.87	48	4.35	33	3.46	43	2.60	1
Hepatitis B	1	1.19	1	0.12	14	1.55	27	2.60	42	3.80	15	1.57	17	1.03	1
Hepatitis Non-A Non-B	0	0.00	0	0.00	0	0.00	2	0.19	7	0.63	9	0.94	3	0.18	0
Histoplasmosis	0	0.00	0	0.00	0	0.00	1	0.10	1	0.09	0	0.00	2	0.12	0
HIV infection	0	0.00	6	0.74	34	3.76	383	36.87	536	48.55	236	24.74	73	4.42	0
Kawasaki syndrome	6	7.13	25	3.07	1	0.11	0	0.00	0	0.00	0	0.00	0	0.00	0
Legionellosis	0	0.00	0	0.00	0	0.00	3	0.29	1	0.09	5	0.52	19	1.15	0
Lyme disease	0	0.00	8	0.98	7	0.77	5	0.48	11	1.00	7	0.73	16	0.97	1
Malaria	0	0.00	8	0.98	11	1.22	16	1.54	8	0.72	7	0.73	4	0.24	1
Measles	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Meningococcal infection	12	14.26	16	1.97	21	2.32	9	0.87	0	0.00	2	0.21	4	0.24	0
Mumps	0	0.00	17	2.09	4	0.44	2	0.19	4	0.36	0	0.00	0	0.00	0
Pertussis	18	21.39	10	1.23	1	0.11	0	0.00	1	0.09	1	0.10	0	0.00	0
Rocky Mtn spotted fever	0	0.00	7	0.86	1	0.11	1	0.10	7	0.63	6	0.63	12	0.73	0
Salmonellosis	128	152.11	272	33.43	118	13.04	196	18.87	180	16.30	122	12.79	237	14.34	104
Shigellosis	5	5.94	181	22.25	43	4.75	58	5.58	54	4.89	31	3.25	29	1.75	11
Syphilis, early	0	0.00	1	0.12	128	14.15	400	38.51	397	35.96	159	33.58	58	3.17	1
Tuberculosis	1	1.19	9	1.11	8	0.88	68	6.55	58	5.25	54	5.66	161	9.74	0
Typhoid fever	0	0.00	0	0.00	3	0.33	2	0.19	3	0.27	1	0.10	0	0.00	1

**Table 5. Number of Reported Cases and Rate per 100,000
Population for Selected Diseases by Race, Virginia, 1995**

DISEASE	Total		Black		White		Other		Unk.
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.
Total Population	6,551,576		1,221,981		4,981,188		348,407		
AIDS	1461	22.30	749	61.29	660	13.25	48	13.78	4
Amebiasis	16	0.24	3	0.25	0	0.00	5	1.44	8
Aseptic meningitis	780	11.91	204	16.69	462	9.27	25	7.18	89
Bacterial meningitis	130	1.98	39	3.19	72	1.45	9	2.58	10
Campylobacteriosis	648	9.89	27	2.21	348	6.99	21	6.03	252
Chlamydia trachomatis inf.	12287	187.54	6405	524.15	3141	63.06	393	112.80	2348
Encephalitis, primary	40	0.61	6	0.49	31	0.62	1	0.29	2
Giardiasis	318	4.85	15	1.23	164	3.29	39	11.19	100
Gonorrhea	10342	157.86	8148	666.79	904	18.15	108	31.00	1182
H. influenzae infection	28	0.43	3	0.25	16	0.32	2	0.57	7
Hepatitis A	238	3.63	28	2.29	150	3.01	26	7.46	34
Hepatitis B	118	1.80	42	3.44	47	0.94	12	3.44	17
Hepatitis Non-A Non-B	21	0.32	7	0.57	10	0.20	1	0.29	3
Histoplasmosis	4	0.06	1	0.08	1	0.02	0	0.00	2
HIV infection	1268	19.35	810	66.29	397	7.97	49	14.06	12
Kawasaki syndrome	32	0.49	12	0.98	14	0.28	5	1.44	1
Legionellosis	28	0.43	2	0.16	21	0.42	1	0.29	4
Lyme disease	55	0.84	1	0.08	42	0.84	2	0.57	10
Malaria	55	0.84	20	1.64	10	0.20	15	4.31	10
Measles	0	0.00	0	0.00	0	0.00	0	0.00	0
Meningococcal infection	64	0.98	19	1.55	36	0.72	3	0.86	6
Mumps	28	0.43	11	0.90	10	0.20	2	0.57	5
Pertussis	31	0.47	4	0.33	13	0.26	0	0.00	14
Rocky Mtn spotted fever	34	0.52	1	0.08	31	0.62	0	0.00	2
Salmonellosis	1358	20.73	188	15.38	493	9.90	56	16.07	621
Shigellosis	412	6.29	86	7.04	105	2.11	26	7.46	195
Syphilis, early	1144	17.46	1046	85.60	69	1.39	25	7.18	4
Tuberculosis	359	5.48	135	11.05	80	1.61	144	41.33	0
Typhoid fever	10	0.15	0	0.00	0	0.00	4	1.15	6

**Table 6. Number of Reported Cases and Rate per 100,000
Population for Selected Diseases by Sex, Virginia, 1995**

DISEASE	Total		Female		Male		Unk. No.
	No.	Rate	No.	Rate	No.	Rate	
Total Population	6,551,576		3,341,831		3,209,745		
AIDS	1461	22.30	270	8.08	1191	37.11	0
Amebiasis	16	0.24	8	0.24	7	0.22	1
Aseptic meningitis	780	11.91	375	11.22	398	12.40	7
Bacterial meningitis	130	1.98	61	1.83	69	2.15	0
Campylobacteriosis	648	9.89	305	9.13	335	10.44	8
Chlamydia trachomatis inf.	12287	187.54	11292	337.90	994	30.97	1
Encephalitis, primary	40	0.61	21	0.63	19	0.59	0
Giardiasis	318	4.85	154	4.61	158	4.92	6
Gonorrhea	10342	157.86	4909	146.90	5432	169.23	1
H. influenzae infection	28	0.43	15	0.45	13	0.41	0
Hepatitis A	238	3.63	85	2.54	151	4.70	2
Hepatitis B	118	1.80	44	1.32	71	2.21	3
Hepatitis Non-A Non-B	21	0.32	9	0.27	12	0.37	0
Histoplasmosis	4	0.06	1	0.03	3	0.09	0
HIV infection	1268	19.35	329	9.84	939	29.25	0
Kawasaki syndrome	32	0.49	12	0.36	20	0.62	0
Legionellosis	28	0.43	11	0.33	17	0.53	0
Lyme disease	55	0.84	30	0.90	25	0.78	0
Malaria	55	0.84	25	0.75	29	0.90	1
Measles	0	0.00	0	0.00	0	0.00	0
Meningococcal infection	64	0.98	30	0.90	34	1.06	0
Mumps	28	0.43	8	0.24	19	0.59	1
Pertussis	31	0.47	15	0.45	16	0.50	0
Rocky Mtn spotted fever	34	0.52	15	0.45	19	0.59	0
Salmonellosis	1358	20.73	662	19.81	652	20.31	44
Shigellosis	412	6.29	217	6.49	181	5.64	14
Syphilis, early	1144	17.46	600	17.95	544	16.95	0
Tuberculosis	359	5.48	148	4.43	211	6.57	0
Typhoid fever	10	0.15	5	0.15	5	0.16	0

Table 7. Number and Percent of Reported Cases for Selected Diseases by Quarter of Onset, Virginia, 1995

DISEASE	Total	In 1994		Quarter 1		Quarter 2		Quarter 3		Quarter 4		Unk.
		No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent	
Amebiasis	16	0	0.00	2	12.50	4	25.00	7	43.75	3	18.75	0
Aseptic meningitis	780	14	1.79	40	5.13	139	17.82	520	66.67	67	8.59	0
Bacterial meningitis	130	7	5.38	43	33.08	33	25.38	14	10.77	20	15.38	13
Campylobacteriosis	648	18	2.78	89	13.73	205	31.64	229	35.34	107	16.51	0
Chlamydia trachomatis inf.	12287	0	0.00	3350	27.26	2933	23.87	3274	26.65	2730	22.22	0
Encephalitis, primary	40	1	2.50	8	20.00	9	22.50	9	22.50	4	10.00	9
Giardiasis	318	13	4.09	53	16.67	66	20.75	112	35.22	74	23.27	0
Gonorrhea	10342	0	0.00	2898	28.02	2503	24.20	2787	26.95	2154	20.83	0
H. influenzae infection	28	1	3.57	11	39.29	8	28.57	7	25.00	1	3.57	0
Hepatitis A	238	12	5.04	50	21.01	54	22.69	68	28.57	54	22.69	0
Hepatitis B	118	8	6.78	28	23.73	29	24.58	37	31.36	16	13.56	0
Hepatitis Non-A Non-B	21	1	4.76	5	23.81	6	28.57	6	28.57	3	14.29	0
Histoplasmosis	4	0	0.00	3	75.00	1	25.00	0	0.00	0	0.00	0
Influenza	1484	0	0.00	878	59.16	41	2.76	10	0.67	555	37.40	0
Kawasaki syndrome	32	1	3.13	9	28.13	11	34.38	10	31.25	1	3.13	0
Legionellosis	28	1	3.57	5	17.86	9	32.14	8	28.57	5	17.86	0
Lyme disease*	55	2	3.64	5	9.09	23	41.82	22	40.00	1	1.82	2
Malaria	55	0	0.00	12	21.82	15	27.27	25	45.45	3	5.45	0
Measles	0	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Meningococcal infection	64	0	0.00	24	37.50	16	25.00	14	21.88	10	15.63	0
Mumps	28	2	7.14	6	21.43	8	28.57	5	17.86	7	25.00	0
Pertussis	31	2	6.45	5	16.13	5	16.13	15	48.39	4	12.90	0
Rabies in animals	459	0	0.00	78	16.99	121	26.36	120	26.14	140	30.50	0
Rocky Mtn spotted fever	34	0	0.00	0	0.00	15	44.12	15	44.12	4	11.76	0
Salmonellosis	1358	25	1.84	189	13.92	291	21.43	453	33.36	400	29.46	0
Shigellosis	412	7	1.70	43	10.44	68	16.50	161	39.08	133	32.28	0
Syphilis, early	1144	0	0.00	340	29.72	288	25.17	302	26.40	214	18.71	0
Typhoid fever	10	0	0.00	2	20.00	5	50.00	1	10.00	2	20.00	0

*Some cases reported in 1995 had onset prior to 1994.