

Table 2. Ten Year Trend in Number of Reported Cases of Selected Diseases, Virginia, 1980-1989

DISEASE	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
AIDS	--	--	6	24	39	102	166	270	376	446
Amebiasis	64	39	68	91	33	78	44	50	19	24
Aseptic meningitis	188	274	262	338	264	418	311	281	210	417
Bacterial meningitis	198	228	213	244	233	256	239	199	187	191
Campylobacteriosis	46	226	440	588	664	746	591	639	731	689
Chickenpox	483	1723	924	1277	1189	1789	2324	2754	1733	3492
Encephalitis, primary	35	40	45	61	33	33	45	41	41	47
Giardiasis	396	216	191	195	254	409	302	262	250	304
Gonorrhea	23246	22108	21103	21122	20199	19121	18742	14353	14464	15993
Hepatitis A	310	200	189	126	124	171	153	244	362	334
Hepatitis B	520	537	507	528	522	558	540	448	343	321
Hepatitis Non A-Non B	29	49	87	83	99	101	77	51	77	70
Histoplasmosis	7	13	12	13	24	7	6	8	7	11
Influenza	1191	4974	398	911	1129	1007	4942	1284	2524	2108
Kawasaki syndrome	14	18	15	39	22	30	25	31	14	23
Legionellosis	19	21	29	24	33	27	29	12	11	13
Malaria	65	33	41	31	36	23	36	27	23	47
Measles	339	18	14	23	5	28	60	1	239	22
Meningococcal infections	67	103	72	81	66	57	79	72	59	73
Mumps	87	134	44	37	20	49	46	88	139	125
Occupational illnesses	30	79	67	31	20	50	45	209	180	219
Pertussis	10	10	29	50	19	21	56	58	29	37
Rabies	35	167	745	625	208	179	200	363	366	262
Rocky Mtn spotted fever	96	105	74	60	47	24	51	22	17	18
Salmonellosis	1303	1572	1468	1471	1255	1651	1456	1830	1733	1452
Shigellosis	198	1211	159	285	201	88	101	247	497	410
Syphilis, early	999	1227	1172	1035	771	560	567	568	822	1088
Tuberculosis	652	670	672	520	473	488	415	458	406	380
Typhoid fever	9	1	4	16	8	3	11	10	13	7

**Table 3. Number of Cases and Rate per 100,000
Population by Region for Selected Diseases, Virginia, 1989**

DISEASE	Total		1-NORTHWEST		2-NORTH		3-SOUTHWEST		4-CENTRAL		5-EAST	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Total Population	6022531		795882		1305450		1324593		1058684		1537922	
AIDS	446	7.41	34	4.27	166	12.72	31	2.34	113	10.67	102	6.63
Amebiasis	24	0.40	3	0.38	6	0.46	6	0.45	4	0.38	5	0.33
Aseptic meningitis	417	6.92	55	6.91	107	8.20	64	4.83	85	8.03	106	6.89
Bacterial meningitis	191	3.17	24	3.02	27	2.07	43	3.25	20	1.89	77	5.01
Campylobacteriosis	689	11.44	148	18.60	183	14.02	92	6.95	147	13.89	119	7.74
Chickenpox	3492	57.98	111	13.95	382	29.26	160	12.08	69	6.52	2770	180.11
Encephalitis, primary	47	0.78	16	2.01	8	0.61	6	0.45	6	0.57	11	0.72
Giardiasis	304	5.05	43	5.40	88	6.74	72	5.44	51	4.82	50	3.25
Gonorrhea	15993	265.55	739	92.85	2114	161.94	1699	128.27	3196	301.88	8245	536.11
Hepatitis A	334	5.55	13	1.63	40	3.06	18	1.36	217	20.50	46	2.99
Hepatitis B	321	5.33	16	2.01	43	3.29	75	5.66	49	4.63	138	8.97
Hepatitis Non A-Non B	70	1.16	8	1.01	10	0.77	9	0.68	18	1.70	25	1.63
Histoplasmosis	11	0.18	1	0.13	0	0.00	6	0.45	2	0.19	2	0.13
H. influenzae infections	50	0.83	7	0.88	8	0.61	12	0.91	3	0.28	20	1.30
HIV infection	304	5.05	2	0.25	42	3.22	10	0.75	17	1.61	233	15.15
Influenza	2108	35.00	319	40.08	105	8.04	860	64.93	418	39.48	406	26.40
Kawasaki syndrome	23	0.38	1	0.13	9	0.69	2	0.15	5	0.47	6	0.39
Legionellosis	13	0.22	4	0.50	1	0.08	7	0.53	1	0.09	0	0.00
Lyme disease	54	0.90	2	0.25	3	0.23	2	0.15	6	0.57	41	2.67
Malaria	47	0.78	5	0.63	32	2.45	6	0.45	0	0.00	4	0.26
Measles	22	0.37	4	0.50	1	0.08	2	0.15	5	0.47	10	0.65
Meningococcal infections	73	1.21	15	1.88	11	0.84	16	1.21	15	1.42	16	1.04
Mumps	125	2.08	4	0.50	53	4.06	46	3.47	6	0.57	16	1.04
Occupational illnesses	219	3.64	1	0.13	0	0.00	0	0.00	25	2.36	191	12.42
Pertussis	37	0.61	18	2.26	4	0.31	8	0.60	4	0.38	3	0.20
Rabies	262	---	76	---	45	---	29	---	87	---	25	---
Rocky Mtn spotted fever	18	0.30	5	0.63	3	0.23	3	0.23	6	0.57	1	0.07
Salmonellosis	1452	24.11	181	22.74	319	24.44	240	18.12	343	32.40	369	23.99
Shigellosis	410	6.81	23	2.89	63	4.83	16	1.21	144	13.60	164	10.66
Syphilis, early	1088	18.07	41	5.15	193	14.78	174	13.14	391	36.93	289	18.79
Tuberculosis	380	6.31	40	5.03	93	7.12	50	3.77	85	8.03	112	7.28
Typhoid fever	7	0.12	0	0.00	6	0.46	0	0.00	1	0.09	0	0.00

**Table 4. Number of Cases and Rate per 100,000
Population by Age Group for Selected Diseases, Virginia, 1989**

DISEASE	Infants		Age 1-9		Age 10-19		Age 20-29		Age 30-39		Age 40-49		Age 50+		Unk. No.
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
Total Population	91851 estimate		721067 estimate		848627		1030679		1042424		824351		1463532		
AIDS	1	1.09	4	0.55	1	0.12	97	9.41	206	19.76	105	12.74	32	2.19	0
Amebiasis	0	0.00	1	0.14	5	0.59	6	0.58	6	0.58	1	0.12	2	0.14	3
Aseptic meningitis	68	74.03	61	8.46	65	7.66	116	11.25	63	6.04	19	2.30	20	1.37	5
Bacterial meningitis	80	87.10	51	7.07	6	0.71	6	0.58	6	0.58	6	0.73	35	2.39	1
Campylobacteriosis	26	28.31	103	14.28	40	4.71	175	16.98	138	13.24	61	7.40	93	6.35	53
Encephalitis, primary	3	3.27	5	0.69	6	0.71	4	0.39	13	1.25	3	0.36	12	0.82	1
Giardiasis	5	5.44	106	14.70	20	2.36	47	4.56	54	5.18	33	4.00	19	1.30	20
Gonorrhea	---	-----	27	3.74	4461	525.67	7806	757.36	2528	242.51	473	57.38	162	11.07	536
Hepatitis A	0	0.00	20	2.77	42	4.95	93	9.02	73	7.00	38	4.61	33	2.25	35
Hepatitis B	0	0.00	0	0.00	28	3.30	145	14.07	97	9.31	25	3.03	23	1.57	3
Hepatitis Non A-Non B	0	0.00	0	0.00	4	0.47	23	2.23	16	1.53	7	0.85	18	1.23	2
Histoplasmosis	0	0.00	0	0.00	2	0.24	0	0.00	4	0.38	2	0.24	2	0.14	1
H. influenzae infection	16	17.42	20	2.77	1	0.12	2	0.19	1	0.10	3	0.36	7	0.48	0
HIV infections	0	0.00	0	0.00	3	0.35	152	14.75	121	11.61	21	2.55	7	0.48	0
Kawasaki syndrome	1	1.09	22	3.05	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Legionellosis	0	0.00	0	0.00	0	0.00	2	0.19	3	0.29	2	0.24	6	0.41	0
Lyme disease	0	0.00	5	0.69	5	0.59	11	1.07	10	0.96	4	0.49	18	1.23	1
Malaria	0	0.00	7	0.97	7	0.82	13	1.26	11	1.06	3	0.36	6	0.41	0
Measles	3	3.27	13	1.80	4	0.47	2	0.19	0	0.00	0	0.00	0	0.00	0
Meningococcal infection	15	16.33	20	2.77	12	1.41	7	0.68	1	0.10	1	0.12	15	1.02	2
Mumps	0	0.00	39	5.41	63	7.42	9	0.87	3	0.29	4	0.49	2	0.14	5
Occupational illnesses	0	0.00	0	0.00	0	0.00	4	0.39	4	0.38	29	3.52	181	12.37	1
Pertussis	20	21.77	15	2.08	0	0.00	0	0.00	2	0.19	0	0.00	0	0.00	0
Rocky Mtn spotted fever	1	1.09	4	0.55	2	0.24	4	0.39	2	0.19	3	0.36	2	0.14	0
Salmonellosis	224	243.87	384	53.25	88	10.37	186	18.05	151	14.49	103	12.49	197	13.46	119
Shigellosis	13	14.15	196	27.18	27	3.18	51	4.95	40	3.84	22	2.67	19	1.30	42
Syphilis, early	0	0.00	0	0.00	143	16.85	540	52.39	307	29.45	64	7.76	32	2.19	2
Tuberculosis	3	3.27	6	0.83	12	1.41	43	4.17	48	4.60	36	4.37	231	15.78	0
Typhoid fever	0	0.00	0	0.00	4	0.47	2	0.19	0	0.00	1	0.12	0	0.00	0

**Table 5. Number of Cases and Rate per 100,000
Population by Race for Selected Diseases, Va., 1989**

DISEASE	Total		White		Nonwhite		Unk. No.
	No.	Rate	No.	Rate	No.	Rate	
Population	6022531		4715870		1306661		
AIDS	446	7.41	264	5.60	182	13.93	0
Amebiasis	24	0.40	3	0.06	16	1.22	5
Aseptic meningitis	417	6.92	223	4.73	88	6.73	106
Bacterial meningitis	191	3.17	113	2.40	57	4.36	21
Campylobacteriosis	689	11.44	267	5.66	48	3.67	374
Encephalitis, primary	47	0.78	38	0.81	5	0.38	4
Giardiasis	304	5.05	169	3.58	43	3.29	92
Gonorrhea	15993	265.55	1316	27.91	13859	1060.64	818
Hepatitis A	334	5.55	202	4.28	64	4.90	68
Hepatitis B	321	5.33	187	3.97	114	8.72	20
Hepatitis Non A-Non B	70	1.16	47	1.00	13	0.99	10
Histoplasmosis	11	0.18	2	0.04	2	0.15	7
H. influenzae infections	50	0.83	30	0.64	12	0.92	8
HIV infection	304	5.05	118	2.50	179	13.70	7
Kawasaki syndrome	23	0.38	17	0.36	6	0.46	0
Legionellosis	13	0.22	12	0.25	1	0.08	0
Lyme disease	54	0.90	47	1.00	4	0.31	3
Malaria	47	0.78	13	0.28	28	2.14	6
Measles	22	0.37	12	0.25	7	0.54	3
Meningococcal infections	73	1.21	41	0.87	19	1.45	13
Mumps	125	2.08	57	1.21	38	2.91	30
Occupational illnesses	219	3.64	150	3.18	31	2.37	38
Pertussis	37	0.61	2	0.04	1	0.08	34
Rocky Mtn spotted fever	18	0.30	18	0.38	0	0.00	0
Salmonellosis	1452	24.11	523	11.09	261	19.97	668
Shigellosis	410	6.81	107	2.27	103	7.88	200
Syphilis, early	1088	18.07	109	2.31	977	74.77	2
Tuberculosis	380	6.31	162	3.44	218	16.68	0
Typhoid fever	7	0.12	2	0.04	4	0.31	1

**Table 6. Number of Cases and Rate per 100,000
Population by Sex for Selected Diseases, Virginia, 1989**

DISEASE	Total		Female		Male		Unk. No.
	No.	Rate	No.	Rate	No.	Rate	
Total Population	6022531		3088331		2934200		
AIDS	446	7.41	31	1.00	415	14.14	0
Amebiasis	24	0.40	10	0.32	12	0.41	2
Aseptic meningitis	417	6.92	206	6.67	211	7.19	0
Bacterial meningitis	191	3.17	96	3.11	93	3.17	2
Campylobacteriosis	689	11.44	326	10.56	357	12.17	6
Encephalitis, primary	47	0.78	22	0.71	25	0.85	0
Giardiasis	304	5.05	146	4.73	152	5.18	6
Gonorrhea	15993	265.55	6227	201.63	8948	304.96	818
Hepatitis A	334	5.55	135	4.37	176	6.00	23
Hepatitis B	321	5.33	123	3.98	197	6.71	1
Hepatitis Non A-Non B	70	1.16	39	1.26	31	1.06	0
Histoplasmosis	11	0.18	2	0.06	9	0.31	0
H. influenzae infections	50	0.83	21	0.68	28	0.95	1
HIV infection	304	5.05	47	1.52	257	8.76	0
Kawasaki syndrome	23	0.38	6	0.19	17	0.58	0
Legionellosis	13	0.22	5	0.16	8	0.27	0
Lyme disease	54	0.90	28	0.91	26	0.89	0
Malaria	47	0.78	18	0.58	29	0.99	0
Measles	22	0.37	11	0.36	11	0.37	0
Meningococcal infections	73	1.21	33	1.07	40	1.36	0
Mumps	125	2.08	49	1.59	74	2.52	2
Occupational illnesses	219	3.64	2	0.06	216	7.36	1
Pertussis	37	0.61	8	0.26	11	0.37	18
Rocky Mtn spotted fever	18	0.30	7	0.23	11	0.37	0
Salmonellosis	1452	24.11	746	24.16	671	22.87	35
Shigellosis	410	6.81	214	6.93	189	6.44	7
Syphilis, early	1088	18.07	505	16.35	581	19.80	2
Tuberculosis	379	6.29	123	3.98	256	8.72	0
Typhoid fever	7	0.12	3	0.10	4	0.14	0

Table 7. Number and Percent of Cases by Quarter of Year in Which Onset Occurred, Virginia, 1989

DISEASE	Total	Onset in 1988		Jan-Mar, 1989		Apr-Jun, 1989		Jul-Sep, 1989		Oct-Dec, 1989		Unk. No.
		No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent	
AIDS	446	0	0.00	105	23.54	109	24.44	88	19.73	144	32.29	0
Amebiasis	24	2	8.33	1	4.17	8	33.33	9	37.50	2	8.33	2
Aseptic meningitis	417	18	4.32	42	10.07	37	8.87	241	57.79	75	17.99	4
Bacterial meningitis	191	24	12.57	59	30.89	30	15.71	32	16.75	39	20.42	7
Campylobacteriosis	689	44	6.39	98	14.22	206	29.90	229	33.24	105	15.24	7
Chickenpox	3492	0	0.00	1100	31.50	1558	44.62	703	20.13	131	3.75	0
Encephalitis, primary	47	5	10.64	7	14.89	10	21.28	9	19.15	8	17.02	8
Giardiasis	304	16	5.26	53	17.43	52	17.11	107	35.20	68	22.37	8
Gonorrhea	15993	0	0.00	3974	24.85	3666	22.92	4395	27.48	3958	24.75	0
Hepatitis A	334	17	5.09	51	15.27	101	30.24	81	24.25	50	14.97	34
Hepatitis B	321	33	10.28	62	19.31	77	23.99	52	16.20	36	11.21	61
Hepatitis Non A-Non B	70	4	5.71	13	18.57	14	20.00	12	17.14	2	2.86	25
Histoplasmosis	11	0	0.00	3	27.27	3	27.27	5	45.45	0	0.00	0
H. influenzae infections	50	2	4.00	7	14.00	11	22.00	10	20.00	20	40.00	0
HIV infection	304	0	0.00	0	0.00	0	0.00	98	32.24	206	67.76	0
Influenza	2108	0	0.00	1656	78.56	150	7.12	81	3.84	221	10.48	0
Kawasaki syndrome	23	3	13.04	5	21.74	7	30.43	6	26.09	1	4.35	1
Legionellosis	13	1	7.69	3	23.08	6	46.15	3	23.08	0	0.00	0
Lyme disease	54	9	16.67	4	7.41	22	40.74	16	29.63	1	1.85	2
Malaria	47	2	4.26	7	14.89	10	21.28	18	38.30	9	19.15	1
Measles	22	0	0.00	0	0.00	19	86.36	1	4.55	0	0.00	2
Meningococcal infections	73	4	5.48	17	23.29	16	21.92	14	19.18	20	27.40	2
Mumps	125	9	7.20	30	24.00	18	14.40	49	39.20	14	11.20	5
Occupational illnesses	219	0	0.00	35	15.98	37	16.89	81	36.99	66	30.14	0
Pertussis	37	1	2.70	3	8.11	19	51.35	11	29.73	3	8.11	0
Rabies	262	0	0.00	71	27.10	68	25.95	61	23.28	62	23.66	0
Rocky Mtn spotted fever	18	0	0.00	1	5.56	11	61.11	6	33.33	0	0.00	0
Salmonellosis	1452	60	4.13	195	13.43	356	24.52	579	39.88	236	16.25	26
Shigellosis	410	38	9.27	113	27.56	109	26.59	68	16.59	53	12.93	29
Syphilis, early	1088	0	0.00	277	25.46	241	22.15	288	26.47	282	25.92	0
Typhoid fever	7	0	0.00	1	14.29	3	42.86	3	42.86	0	0.00	0