

Table 2. Ten Year Trend in Number of Reported Cases of Selected Diseases, Virginia, 1981-1990

DISEASE	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
AIDS *	--	6	21	42	102	166	269	376	445	650
Amebiasis	39	68	91	33	78	44	50	19	24	18
Aseptic meningitis	274	262	338	264	418	311	281	210	417	386
Bacterial meningitis	228	213	244	233	256	239	199	187	191	144
Campylobacteriosis	226	440	588	664	746	591	639	731	689	598
Chickenpox	1723	924	1277	1189	1789	2324	2754	1733	3492	2677
Encephalitis, primary	40	45	61	33	33	45	41	41	47	58
Giardiasis	216	191	195	254	409	302	262	250	304	359
Gonorrhea	22108	21103	21122	20199	19121	18742	14353	14464	15993	17652
Hepatitis A	200	189	126	124	171	153	244	362	334	302
Hepatitis B	537	507	528	522	558	540	448	343	321	279
Hepatitis Non-A Non-B	49	87	83	99	101	77	51	77	70	46
Histoplasmosis	13	12	13	24	7	6	8	7	11	6
Influenza	4974	398	911	1129	1007	4942	1284	2524	2108	937
Kawasaki syndrome	18	15	39	22	30	25	31	14	23	24
Legionellosis	21	29	24	33	27	29	12	11	13	13
Malaria	33	41	31	36	23	36	27	23	47	54
Measles	18	14	23	5	28	60	1	239	22	86
Meningococcal infection	103	72	81	66	57	79	72	59	73	58
Mumps	134	44	37	20	49	46	88	139	125	108
Occupational illnesses	79	67	31	20	50	45	209	180	219	69
Pertussis	10	29	50	19	21	56	58	29	37	25
Rabies in animals	167	745	625	208	179	200	363	366	262	202
Rocky Mtn spotted fever	105	74	60	47	24	51	22	17	18	25
Salmonellosis	1572	1468	1471	1255	1651	1456	1830	1733	1452	1491
Shigellosis	1211	159	285	201	88	101	247	497	410	158
Syphilis, early	1227	1172	1035	771	560	567	568	822	1088	1551
Tuberculosis	670	672	520	473	488	415	458	406	380	410
Typhoid fever	1	4	16	8	3	11	10	13	7	6

*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 Region, Virginia, 1990

DISEASE	TOTAL		NORTHWEST SECTION		NORTHERN SECTION		NORTHERN REGION	SOUTHWEST REGION		CENTRAL REGION		EASTERN REGION	
	No.	Rate	No.	Rate	No.	Rate	Rate	No.	Rate	No.	Rate	No.	Rate
Total Population	6187358		835408		1466409			1244783		1062355		1578403	
AIDS	650	10.51	49	5.87	236	16.09	12.38	56	4.50	135	12.71	174	11.02
Amebiasis	18	0.29	1	0.12	10	0.68	0.48	1	0.08	3	0.28	3	0.19
Aseptic meningitis	386	6.24	44	5.27	129	8.80	7.52	50	4.02	66	6.21	97	6.15
Bacterial meningitis	144	2.33	25	2.99	17	1.16	1.82	39	3.13	16	1.51	47	2.98
Campylobacteriosis	598	9.66	149	17.84	140	9.55	12.56	108	8.68	118	11.11	83	5.26
Chickenpox	2677	43.27	77	9.22	361	24.62	19.03	281	22.57	91	8.57	1867	118.28
Chlamydia trachomatis inf.	13391	216.43	1957	234.26	1821	124.18	164.13	1866	149.91	2996	282.01	4751	301.00
Encephalitis, primary	58	0.94	9	1.08	19	1.30	1.22	6	0.48	5	0.47	19	1.20
Giardiasis	359	5.80	60	7.18	113	7.71	7.52	54	4.34	57	5.37	75	4.75
Gonorrhea	17652	285.29	771	92.29	1879	128.14	115.13	1973	158.50	4136	389.32	8893	563.42
Hepatitis A	302	4.88	12	1.44	58	3.96	3.04	66	5.30	54	5.08	112	7.10
Hepatitis B	279	4.51	20	2.39	56	3.82	3.30	54	4.34	61	5.74	88	5.58
Hepatitis Non-A Non-B	46	0.74	5	0.60	10	0.68	0.65	10	0.80	6	0.56	15	0.95
Histoplasmosis	6	0.10	2	0.24	0	0.00	0.09	2	0.16	0	0.00	2	0.13
H. influenzae infection	60	0.97	18	2.15	9	0.61	1.17	6	0.48	7	0.66	20	1.27
HIV infection	1142	18.46	18	2.15	272	18.55	12.60	85	6.83	214	20.14	553	35.04
Influenza	937	15.14	133	15.92	11	0.75	6.26	328	26.35	238	22.40	227	14.38
Kawasaki syndrome	24	0.39	2	0.24	9	0.61	0.48	2	0.16	1	0.09	10	0.63
Legionellosis	13	0.21	2	0.24	3	0.20	0.22	5	0.40	1	0.09	2	0.13
Lyme disease	129	2.08	17	2.03	12	0.82	1.26	8	0.64	10	0.94	82	5.20
Malaria	54	0.87	0	0.00	45	3.07	1.95	1	0.08	4	0.38	4	0.25
Measles	86	1.39	9	1.08	45	3.07	2.35	0	0.00	15	1.41	17	1.08
Meningococcal infection	58	0.94	8	0.96	12	0.82	0.87	14	1.12	10	0.94	14	0.89
Mumps	108	1.75	29	3.47	39	2.66	2.95	9	0.72	6	0.56	25	1.58
Pertussis	25	0.40	3	0.36	9	0.61	0.52	10	0.80	0	0.00	3	0.19
Rabies in animals	202	--	67	--	30	--	----	11	--	73	--	21	--
Rocky Mtn spotted fever	25	0.40	3	0.36	5	0.34	0.35	2	0.16	13	1.22	2	0.13
Salmonellosis	1491	24.10	177	21.19	369	25.16	23.72	200	16.07	376	35.39	369	23.38
Shigellosis	158	2.55	21	2.51	67	4.57	3.82	19	1.53	17	1.60	34	2.15
Syphilis, early	1551	25.07	62	7.42	249	16.98	13.51	156	12.53	670	63.07	414	26.23
Tuberculosis	410	6.63	38	4.55	110	7.50	6.43	50	4.02	83	7.81	129	8.17
Typhoid fever	6	0.10	0	0.00	4	0.27	0.17	1	0.08	0	0.00	1	0.06

**Table 4. Number of Reported Cases and Rate per 100,000 Population for
Selected Diseases by Age, Virginia, 1990**

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	79,469		788,047		837,087		1,094,107		1,084,705		845,495		1,458,448		
AIDS	1	1.26	10	1.27	1	0.12	154	14.08	288	26.55	133	15.73	63	4.32	0
Amebiasis	0	0.00	5	0.63	0	0.00	2	0.18	2	0.18	5	0.59	2	0.14	2
Aseptic meningitis	95	119.54	46	5.84	47	5.61	86	7.86	63	5.81	27	3.19	14	0.96	8
Bacterial meningitis	67	84.31	30	3.81	2	0.24	3	0.27	8	0.74	14	1.66	20	1.37	0
Campylobacteriosis	22	27.68	93	11.80	47	5.61	155	14.17	101	9.31	57	6.74	95	6.51	28
Chlamydia trachomatis inf.	---	---	55	6.98	6126	731.82	5580	510.00	767	70.71	102 *	21.54	80 **	4.37	681
Encephalitis, primary	2	2.52	2	0.25	7	0.84	7	0.64	15	1.38	6	0.71	19	1.30	0
Giardiasis	5	6.29	135	17.13	34	4.06	56	5.12	49	4.52	27	3.19	31	2.13	22
Gonorrhea	---	---	58	7.36	4874	582.26	8464	773.60	2946	271.59	428 *	90.39	362 **	19.78	520
Hepatitis A	1	1.26	27	3.43	25	2.99	99	9.05	82	7.56	27	3.19	34	2.33	7
Hepatitis B	2	2.52	0	0.00	27	3.23	105	9.60	78	7.19	32	3.78	30	2.06	5
Hepatitis Non-A Non-B	1	1.26	1	0.13	1	0.12	10	0.91	6	0.55	3	0.35	24	1.65	0
Histoplasmosis	0	0.00	0	0.00	0	0.00	0	0.00	1	0.09	1	0.12	4	0.27	0
H. influenzae infection	14	17.62	16	2.03	1	0.12	2	0.18	1	0.09	4	0.47	22	1.51	0
HIV infection	0	0.00	1	0.13	32	3.82	458	41.86	451	41.58	151	17.86	49	3.36	0
Kawasaki syndrome	1	1.26	23	2.92	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	0	0.00	2	0.18	3	0.35	8	0.55	0
Lyme disease	0	0.00	20	2.54	8	0.96	15	1.37	31	2.86	20	2.37	33	2.26	2
Malaria	1	1.26	5	0.63	10	1.19	16	1.46	7	0.65	8	0.95	3	0.21	4
Measles	12	15.10	34	4.31	17	2.03	16	1.46	5	0.46	1	0.12	0	0.00	1
Meningococcal infection	15	18.88	14	1.78	8	0.96	10	0.91	5	0.46	1	0.12	4	0.27	1
Mumps	0	0.00	33	4.19	34	4.06	35	3.20	1	0.09	2	0.24	2	0.14	1
Pertussis	8	10.07	9	1.14	1	0.12	1	0.09	0	0.00	0	0.00	1	0.07	5
Rocky Mtn spotted fever	0	0.00	1	0.13	5	0.60	3	0.27	3	0.28	6	0.71	6	0.41	1
Salmonellosis	196	246.64	323	40.99	110	13.14	214	19.56	175	16.13	102	12.06	249	17.07	122
Shigellosis	5	6.29	59	7.49	14	1.67	25	2.28	25	2.30	14	1.66	13	0.89	3
Syphilis, early	---	---	1	0.13	215	25.68	733	67.00	430	39.64	75 *	15.84	96 **	5.24	1
Tuberculosis	0	0.00	9	1.14	9	1.08	48	4.39	62	5.72	56	6.62	226	15.50	0
Typhoid fever	0	0.00	2	0.25	1	0.12	0	0.00	2	0.18	1	0.12	0	0.00	0

*Age 40-44

**Age 45+

**Table 5. Number of Reported Cases and Rate per 100,000
Population for Selected Diseases by Race, Virginia, 1990**

DISEASE	Total		White		Nonwhite		Unk. No.
	No.	Rate	No.	Rate	No.	Rate	
Population	6,187,358		4,791,739		1,395,619		
AIDS	650	10.51	341	7.12	309	22.14	0
Amoebiasis	18	0.29	0	0.00	8	0.57	10
Aseptic meningitis	386	6.24	230	4.80	84	6.02	72
Bacterial meningitis	144	2.33	84	1.75	51	3.65	9
Campylobacteriosis	598	9.66	271	5.66	52	3.73	275
Chlamydia trachomatis inf.	13391	216.43	3619	75.53	7055	505.51	2717
Encephalitis, primary	58	0.94	33	0.69	13	0.93	12
Giardiasis	359	5.80	165	3.44	80	5.73	114
Gonorrhea	17652	285.29	1206	25.17	14407	1032.30	2039
Hepatitis A	302	4.88	193	4.03	71	5.09	38
Hepatitis B	279	4.51	167	3.49	99	7.09	13
Hepatitis Non-A Non-B	46	0.74	36	0.75	8	0.57	2
Histoplasmosis	6	0.10	2	0.04	0	0.00	4
H. influenzae infection	60	0.97	39	0.81	15	1.07	6
HIV infection	1142	18.46	361	7.53	739	52.95	42
Kawasaki syndrome	24	0.39	14	0.29	10	0.72	0
Legionellosis	13	0.21	12	0.25	0	0.00	1
Lyme disease	129	2.08	115	2.40	5	0.36	9
Malaria	54	0.87	19	0.40	25	1.79	10
Measles	86	1.39	55	1.15	9	0.64	22
Meningococcal infection	58	0.94	39	0.81	12	0.86	7
Mumps	108	1.75	73	1.52	21	1.50	14
Pertussis	25	0.40	1	0.02	3	0.21	21
Rocky Mtn spotted fever	25	0.40	22	0.46	3	0.21	0
Salmonellosis	1491	24.10	565	11.79	268	19.20	658
Shigellosis	158	2.55	39	0.81	42	3.01	77
Syphilis, early	1551	25.07	128	2.67	1421	101.82	2
Tuberculosis	410	6.63	162	3.38	248	17.77	0
Typhoid fever	6	0.10	1	0.02	5	0.36	0

**Table 6. Number of Cases and Rate per 100,000
Population by Sex for Selected Diseases, Virginia, 1990**

DISEASE	TOTAL		Female		Male		Unk. No.
	No.	Rate	No.	Rate	No.	Rate	
Total Population	6,187,358		3,153,384		3,033,974		
AIDS	650	10.51	65	2.06	585	19.28	0
Amebiasis	18	0.29	8	0.25	9	0.30	1
Aseptic meningitis	386	6.24	177	5.61	208	6.86	1
Bacterial meningitis	144	2.33	70	2.22	74	2.44	0
Campylobacteriosis	598	9.66	270	8.56	313	10.32	15
Chlamydia trachomatis inf.	13391	216.43	12745	404.17	646	21.29	0
Encephalitis, primary	58	0.94	26	0.82	32	1.05	0
Giardiasis	359	5.80	179	5.68	169	5.57	11
Gonorrhea	17652	285.29	7083	224.62	10569	348.35	0
Hepatitis A	302	4.88	124	3.93	178	5.87	0
Hepatitis B	279	4.51	104	3.30	175	5.77	0
Hepatitis Non-A Non-B	46	0.74	31	0.98	15	0.49	0
Histoplasmosis	6	0.10	0	0.00	6	0.20	0
H. influenzae infection	60	0.97	29	0.92	31	1.02	0
HIV infection	1142	18.46	256	8.12	886	29.20	0
Kawasaki syndrome	24	0.39	10	0.32	14	0.46	0
Legionellosis	13	0.21	5	0.16	8	0.26	0
Lyme disease	129	2.08	66	2.09	62	2.04	1
Malaria	54	0.87	17	0.54	36	1.19	1
Measles	86	1.39	46	1.46	40	1.32	0
Meningococcal infection	58	0.94	21	0.67	37	1.22	0
Mumps	108	1.75	46	1.46	62	2.04	0
Pertussis	25	0.40	16	0.51	9	0.30	0
Rocky Mtn spotted fever	25	0.40	9	0.29	16	0.53	0
Salmonellosis	1491	24.10	743	23.56	708	23.34	40
Shigellosis	158	2.55	87	2.76	68	2.24	3
Syphilis, early	1551	25.07	772	24.48	779	25.68	0
Tuberculosis	410	6.63	168	5.33	242	7.98	0
Typhoid fever	6	0.10	4	0.13	2	0.07	0

Table 7. Number and Percent of Reported Cases by Quarter of Onset, Virginia, 1990

DISEASE	Total	In 1989		Quarter 1		Quarter 2		Quarter 3		Quarter 4		Unk.
		No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent	
Amebiasis	18	1	5.56	2	11.11	7	38.89	5	27.78	2	11.11	1
Aseptic meningitis	386	17	4.40	45	11.66	54	13.99	172	44.56	95	24.61	3
Bacterial meningitis	144	14	9.72	44	30.56	30	20.83	31	21.53	21	14.58	4
Campylobacteriosis	598	30	5.02	99	16.56	158	26.42	188	31.44	119	19.90	4
Chickenpox	2677	0	0.00	732	27.34	1471	54.95	281	10.50	193	7.21	0
Encephalitis, primary	58	10	17.24	6	10.34	5	8.62	8	13.79	9	15.52	20
Giardiasis	359	22	6.13	86	23.96	67	18.66	98	27.30	83	23.12	3
Hepatitis A	302	13	4.30	72	23.84	88	29.14	94	31.13	24	7.95	11
Hepatitis B	279	34	12.19	46	16.49	65	23.30	65	23.30	48	17.20	21
Hepatitis Non-A Non-B	46	3	6.52	5	10.87	16	34.78	5	10.87	4	8.70	13
Histoplasmosis	6	1	16.67	1	16.67	0	0.00	1	16.67	3	50.00	0
H. influenzae infection	60	5	8.33	15	25.00	14	23.33	10	16.67	15	25.00	1
Influenza	937	0	0.00	739	78.87	24	2.56	12	1.28	162	17.29	0
Kawasaki syndrome	24	2	8.33	8	33.33	7	29.17	7	29.17	0	0.00	0
Legionellosis	13	4	30.77	2	15.38	4	30.77	3	23.08	0	0.00	0
Lyme disease	129	10	7.75	8	6.20	65	50.39	34	26.36	9	6.98	3
Malaria	54	1	1.85	14	25.93	20	37.04	12	22.22	6	11.11	1
Measles	86	1	1.16	26	30.23	43	50.00	16	18.60	0	0.00	0
Meningococcal infection	58	1	1.72	19	32.76	15	25.86	11	18.97	11	18.97	1
Mumps	108	2	1.85	26	24.07	51	47.22	21	19.44	8	7.41	0
Pertussis	25	2	8.00	6	24.00	9	36.00	8	32.00	0	0.00	0
Rabies	202	0	0.00	48	23.76	56	27.72	49	24.26	49	24.26	0
Rocky Mtn spotted fever	25	0	0.00	1	4.00	14	56.00	10	40.00	0	0.00	0
Salmonellosis	1491	65	4.36	194	13.01	308	20.66	601	40.31	323	21.66	0
Shigellosis	158	6	3.80	34	21.52	41	25.95	55	34.81	22	13.92	0
Typhoid fever	6	0	0.00	0	0.00	2	33.33	3	50.00	1	16.67	0