

**NUMBER OF REPORTED  
CASES AND RATE PER  
100,000 POPULATION  
FOR SELECTED DISEASES  
BY CITY/COUNTY, DISTRICT,  
AND REGION**

COUNTY/CITY	PROJECTED 1989 POPULATION	ACQUIRED IMMUNO- DEFICIENCY SYNDROME		AMEBIASIS		ASEPTIC MENINGITIS	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
TOTAL	6022531	446	7.41	24	0.40	417	6.92
ACCOMACK	32293	1	3.10	0	0.00	0	0.00
ALBEMARLE, CHARLOTTESVILLE	109467	9	8.22	2	1.83	11	10.05
ALLEGHANY, COVINGTON	22422	0	0.00	0	0.00	1	4.46
AMELIA	9125	1	10.96	0	0.00	2	21.92
AMHERST	30184	0	0.00	0	0.00	3	9.94
APPOMATTOX	13170	0	0.00	0	0.00	0	0.00
ARLINGTON	155933	51	32.71	2	1.28	2	1.28
AUGUSTA, STAUNTON	77046	1	1.30	0	0.00	3	3.89
BATH	5537	0	0.00	0	0.00	0	0.00
BEDFORD CITY, COUNTY	49635	2	4.03	0	0.00	1	2.01
BLAND	7026	0	0.00	0	0.00	2	28.47
BOTETOURT	25639	0	0.00	0	0.00	0	0.00
BRUNSWICK	16238	1	6.16	0	0.00	0	0.00
BUCHANAN	39894	0	0.00	0	0.00	4	10.03
BUCKINGHAM	12523	4	31.94	0	0.00	0	0.00
CAMPBELL	49994	0	0.00	0	0.00	3	6.00
CAROLINE	20337	1	4.92	0	0.00	1	4.92
CARROLL	29014	0	0.00	0	0.00	1	3.45
CHARLES CITY	6871	0	0.00	0	0.00	0	0.00
CHARLOTTE	11492	0	0.00	0	0.00	0	0.00
CHESTERFIELD	195945	6	3.06	4	2.04	16	8.17
CLARKE	10803	0	0.00	0	0.00	1	9.26
CRAIG	4354	0	0.00	0	0.00	0	0.00
CULPEPER	25120	2	7.96	0	0.00	2	7.96
CUMBERLAND	8539	0	0.00	0	0.00	0	0.00
DICKENSON	21606	0	0.00	0	0.00	1	4.63
DINWIDDIE	21527	0	0.00	0	0.00	0	0.00
ESSEX	9256	0	0.00	0	0.00	1	10.80
FAIRFAX CITY/CO/FALLS CH	753792	64	8.49	4	0.53	76	10.08
FAUQUIER	44364	1	2.25	0	0.00	3	6.76
FLOYD	12576	0	0.00	0	0.00	1	7.95
FLUVANNA	11559	0	0.00	0	0.00	2	17.30
FRANKLIN COUNTY	39392	0	0.00	0	0.00	1	2.54
FREDERICK, WINCHESTER	61605	3	4.87	0	0.00	3	4.87
GILES	18349	0	0.00	0	0.00	0	0.00
GLOUCESTER	29012	1	3.45	0	0.00	1	3.45
GOOCHLAND	13597	2	14.71	0	0.00	2	14.71
GRAYSON	17235	1	5.80	0	0.00	0	0.00
GREENE	9498	1	10.53	0	0.00	2	21.06
GREENSVILLE, EMPORIA	15441	0	0.00	0	0.00	0	0.00
HALIFAX, SOUTH BOSTON	38248	3	7.84	0	0.00	0	0.00
HANOVER	59494	1	1.68	0	0.00	4	6.72
HENRICO	205273	8	3.90	0	0.00	30	14.61
HENRY, MARTINSVILLE	77249	3	3.88	0	0.00	1	1.29
HIGHLAND	3176	0	0.00	0	0.00	0	0.00
ISLE OF WIGHT	24208	1	4.13	0	0.00	0	0.00
JAMES CITY	30047	0	0.00	0	0.00	0	0.00

COUNTY/CITY	PROJECTED 1989 POPULATION	ACQUIRED IMMUNO- DEFICIENCY SYNDROME		AMEBIASIS		ASEPTIC MENINGITIS	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
KING GEORGE	12579	0	0.00	0	0.00	1	7.95
KING & QUEEN	6623	0	0.00	0	0.00	0	0.00
KING WILLIAM	10832	1	9.23	0	0.00	1	9.23
LANCASTER	11815	0	0.00	0	0.00	1	8.46
LEE	28608	0	0.00	0	0.00	1	3.50
LOUDOUN	71357	1	1.40	0	0.00	4	5.61
LOUISA	20233	2	9.88	0	0.00	4	19.77
LUNENBURG	12287	1	8.14	0	0.00	0	0.00
MADISON	11110	0	0.00	0	0.00	0	0.00
MATHEWS	9362	1	10.68	0	0.00	0	0.00
MECKLENBURG	30036	3	9.99	0	0.00	0	0.00
MIDDLESEX	8876	0	0.00	0	0.00	1	11.27
MONTGOMERY	69785	1	1.43	0	0.00	0	0.00
NELSON	12566	0	0.00	0	0.00	2	15.92
NEW KENT	11411	2	17.53	0	0.00	1	8.76
NORTHAMPTON	14789	1	6.76	0	0.00	0	0.00
NORTHUMBERLAND	10353	0	0.00	0	0.00	0	0.00
NOTTOWAY	15059	1	6.64	0	0.00	1	6.64
ORANGE	20826	1	4.85	0	0.00	2	9.70
PAGE	21206	0	0.00	0	0.00	0	0.00
PATRICK	18328	0	0.00	0	0.00	0	0.00
PITTSYLVANIA	68536	1	1.46	0	0.00	2	2.92
POWHATAN	15711	5	31.82	0	0.00	1	6.36
PRINCE EDWARD	18211	1	5.49	0	0.00	3	16.47
PRINCE GEORGE	28676	0	0.00	0	0.00	0	0.00
PR WILLIAM/MANASSAS/M PARK	215314	12	5.57	0	0.00	19	8.82
PULASKI	36647	0	0.00	0	0.00	0	0.00
RAPPAHANNOCK	6281	1	15.92	0	0.00	0	0.00
RICHMOND COUNTY	7358	0	0.00	0	0.00	0	0.00
ROANOKE COUNTY	80284	1	1.25	1	1.25	4	4.98
ROCKBRIDGE, LEXINGTON	25633	1	3.90	0	0.00	0	0.00
ROCKINGHAM, HARRISONBURG	85519	1	1.17	1	1.17	2	2.34
RUSSELL	34504	0	0.00	0	0.00	1	2.90
SCOTT	26092	0	0.00	0	0.00	0	0.00
SHENANDOAH	30654	0	0.00	0	0.00	0	0.00
SMYTH	34484	1	2.90	0	0.00	2	5.80
SOUTHAMPTON	18374	0	0.00	0	0.00	0	0.00
SPOTSYLVANIA	45505	2	4.40	0	0.00	2	4.40
STAFFORD	55075	0	0.00	0	0.00	3	5.45
SURRY	6366	0	0.00	0	0.00	0	0.00
SUSSEX	10007	1	9.99	0	0.00	0	0.00
TAZEWELL	54013	1	1.85	0	0.00	0	0.00
WARREN	24348	4	16.43	0	0.00	3	12.32
WASHINGTON	50101	2	3.99	0	0.00	1	2.00
WESTMORELAND	14552	0	0.00	0	0.00	0	0.00
WISE, NORTON	53468	1	1.87	0	0.00	0	0.00
WYTHE	26949	0	0.00	0	0.00	2	7.42
YORK, POQUOSON	54564	1	1.83	1	1.83	2	3.67

COUNTY/CITY	PROJECTED 1989 POPULATION	ACQUIRED IMMUNO- DEFICIENCY SYNDROME		AMEBIASIS		ASEPTIC MENINGITIS	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
ALEXANDRIA	109054	38	34.85	0	0.00	6	5.50
BRISTOL	18377	0	0.00	0	0.00	0	0.00
BUENA VISTA	6991	1	14.30	0	0.00	0	0.00
CHESAPEAKE	140151	8	5.71	0	0.00	11	7.85
CLIFTON FORGE	5195	0	0.00	0	0.00	0	0.00
COLONIAL HEIGHTS	17492	0	0.00	0	0.00	2	11.43
DANVILLE	44976	5	11.12	0	0.00	3	6.67
FRANKLIN CITY	7993	0	0.00	0	0.00	0	0.00
FREDERICKSBURG	20503	3	14.63	0	0.00	6	29.26
GALAX	7135	0	0.00	0	0.00	1	14.02
HAMPTON	128094	8	6.25	1	0.78	15	11.71
HOPEWELL	24752	3	12.12	0	0.00	3	12.12
LYNCHBURG	70397	4	5.68	0	0.00	14	19.89
NEWPORT NEWS	163082	6	3.68	2	1.23	11	6.75
NORFOLK	273935	35	12.78	0	0.00	29	10.59
PETERSBURG	39573	5	12.63	0	0.00	1	2.53
PORTSMOUTH	113780	11	9.67	0	0.00	10	8.79
RADFORD	14225	0	0.00	0	0.00	0	0.00
RICHMOND CITY	214790	65	30.26	0	0.00	19	8.85
ROANOKE CITY	100027	8	8.00	5	5.00	11	11.00
SALEM	24723	0	0.00	0	0.00	3	12.13
SUFFOLK	54723	0	0.00	1	1.83	2	3.65
VIRGINIA BEACH	352564	24	6.81	0	0.00	21	5.96
WAYNESBORO	18541	0	0.00	0	0.00	2	10.79
WILLIAMSBURG	11286	3	26.58	0	0.00	0	0.00

DISTRICT	PROJECTED 1989 POPULATION	ACQUIRED IMMUNO- DEFICIENCY SYNDROME		AMEBIASIS		ASEPTIC MENINGITIS	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
CENTRAL SHENANDOAH	222443	4	1.80	1	0.45	7	3.15
LORD FAIRFAX	148616	7	4.71	0	0.00	7	4.71
RAPPAHANNOCK	153999	6	3.90	0	0.00	13	8.44
RAPPAHANNOCK/RAPIDAN	107501	5	4.65	0	0.00	7	6.51
THOMAS JEFFERSON	163323	12	7.35	2	1.22	21	12.86
ALEXANDRIA	109054	38	34.85	0	0.00	6	5.50
ARLINGTON	155933	51	32.71	2	1.28	2	1.28
FAIRFAX	753792	64	8.49	4	0.53	76	10.08
LOUDOUN	71357	1	1.40	0	0.00	4	5.61
PRINCE WILLIAM	215314	12	5.57	0	0.00	19	8.82
ALLEGHANY	162617	1	0.61	1	0.61	8	4.92
CENTRAL VIRGINIA	213380	6	2.81	0	0.00	21	9.84
CUMBERLAND PLATEAU	150017	1	0.67	0	0.00	6	4.00
PITTSYLVANIA/DANVILLE	113512	6	5.29	0	0.00	5	4.40
WEST PIEDMONT	134969	3	2.22	0	0.00	2	1.48
LENOWISCO	108168	1	0.92	0	0.00	1	0.92
MOUNT ROGERS	190321	4	2.10	0	0.00	9	4.73
NEW RIVER	151582	1	0.66	0	0.00	1	0.66
ROANOKE CITY	100027	8	8.00	5	5.00	11	11.00
CHESTERFIELD	229148	11	4.80	4	1.75	19	8.29
CRATER	146342	9	6.15	0	0.00	4	2.73
HANOVER	91373	5	5.47	0	0.00	7	7.66
HENRICO	205273	8	3.90	0	0.00	30	14.61
PIEDMONT	87236	8	9.17	0	0.00	6	6.88
RICHMOND CITY	214790	65	30.26	0	0.00	19	8.85
SOUTHSIDE	84522	7	8.28	0	0.00	0	0.00
CHESAPEAKE	140151	8	5.71	0	0.00	11	7.85
EASTERN SHORE	47082	2	4.25	0	0.00	0	0.00
HAMPTON	128094	8	6.25	1	0.78	15	11.71
MIDDLE PENINSULA	73961	3	4.06	0	0.00	4	5.41
NORFOLK	273935	35	12.78	0	0.00	29	10.59
NORTHERN NECK	44078	0	0.00	0	0.00	1	2.27
PENINSULA	258979	10	3.86	3	1.16	13	5.02
PORTSMOUTH	113780	11	9.67	0	0.00	10	8.79
WESTERN TIDEWATER	105298	1	0.95	1	0.95	2	1.90
VIRGINIA BEACH	352564	24	6.81	0	0.00	21	5.96
REGION							
NORTHWEST	795882	34	4.27	3	0.38	55	6.91
NORTH	1305450	166	12.72	6	0.46	107	8.20
SOUTHWEST	1324593	31	2.34	6	0.45	64	4.83
CENTRAL	1058684	113	10.67	4	0.38	85	8.03
EAST	1537922	102	6.63	5	0.33	106	6.89

COUNTY/CITY	PROJECTED 1989 POPULATION	BACTERIAL MENINGITIS		CAMPYLOBACTER INFECTIONS		CHICKENPOX	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
TOTAL	6022531	191	3.17	689	11.44	3492	57.98
ACCOMACK	32293	3	9.29	1	3.10	0	0.00
ALBEMARLE, CHARLOTTESVILLE	109467	7	6.39	50	45.68	10	9.14
ALLEGHANY, COVINGTON	22422	0	0.00	1	4.46	17	75.82
AMELIA	9125	0	0.00	0	0.00	0	0.00
AMHERST	30184	1	3.31	3	9.94	1	3.31
APPOMATTOX	13170	0	0.00	0	0.00	2	15.19
ARLINGTON	155933	2	1.28	32	20.52	25	16.03
AUGUSTA, STAUNTON	77046	2	2.60	11	14.28	29	37.64
BATH	5537	0	0.00	0	0.00	2	36.12
BEDFORD CITY, COUNTY	49635	4	8.06	2	4.03	3	6.04
BLAND	7026	0	0.00	0	0.00	0	0.00
BOTETOURT	25639	1	3.90	3	11.70	4	15.60
BRUNSWICK	16238	0	0.00	1	6.16	1	6.16
BUCHANAN	39894	2	5.01	0	0.00	1	2.51
BUCKINGHAM	12523	0	0.00	0	0.00	2	15.97
CAMPBELL	49994	1	2.00	2	4.00	5	10.00
CAROLINE	20337	0	0.00	0	0.00	0	0.00
CARROLL	29014	1	3.45	0	0.00	2	6.89
CHARLES CITY	6871	0	0.00	1	14.55	2	29.11
CHARLOTTE	11492	0	0.00	0	0.00	0	0.00
CHESTERFIELD	195945	6	3.06	40	20.41	19	9.70
CLARKE	10803	0	0.00	2	18.51	1	9.26
CRAIG	4354	0	0.00	0	0.00	1	22.97
CULPEPER	25120	0	0.00	0	0.00	0	0.00
CUMBERLAND	8539	0	0.00	1	11.71	0	0.00
DICKENSON	21606	1	4.63	1	4.63	0	0.00
DINWIDDIE	21527	1	4.65	2	9.29	0	0.00
ESSEX	9256	0	0.00	0	0.00	0	0.00
FAIRFAX CITY/CO/FALLS CH	753792	13	1.72	112	14.86	199	26.40
FAUQUIER	44364	1	2.25	0	0.00	13	29.30
FLOYD	12576	2	15.90	0	0.00	1	7.95
FLUVANNA	11559	0	0.00	3	25.95	0	0.00
FRANKLIN COUNTY	39392	1	2.54	2	5.08	3	7.62
FREDERICK, WINCHESTER	61605	2	3.25	10	16.23	7	11.36
GILES	18349	0	0.00	0	0.00	3	16.35
GLOUCESTER	29012	0	0.00	0	0.00	2	6.89
GOOCHLAND	13597	0	0.00	1	7.35	0	0.00
GRAYSON	17235	0	0.00	0	0.00	0	0.00
GREENE	9498	0	0.00	4	42.11	1	10.53
GREENSVILLE, EMPORIA	15441	0	0.00	0	0.00	7	45.33
HALIFAX, SOUTH BOSTON	38248	0	0.00	6	15.69	0	0.00
HANOVER	59494	0	0.00	11	18.49	0	0.00
HENRICO	205273	2	0.97	39	19.00	7	3.41
HENRY, MARTINSVILLE	77249	0	0.00	14	18.12	4	5.18
HIGHLAND	3176	0	0.00	0	0.00	0	0.00
ISLE OF WIGHT	24208	0	0.00	2	8.26	1	4.13
JAMES CITY	30047	3	9.98	1	3.33	4	13.31

COUNTY/CITY	PROJECTED 1989 POPULATION	BACTERIAL MENINGITIS		CAMPYLOBACTER INFECTIONS		CHICKENPOX	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
KING GEORGE	12579	1	7.95	1	7.95	0	0.00
KING & QUEEN	6623	0	0.00	0	0.00	1	15.10
KING WILLIAM	10832	1	9.23	2	18.46	0	0.00
LANCASTER	11815	0	0.00	0	0.00	0	0.00
LEE	28608	0	0.00	3	10.49	9	31.46
LOUDOUN	71357	4	5.61	6	8.41	8	11.21
LOUISA	20233	0	0.00	3	14.83	0	0.00
LUNENBURG	12287	0	0.00	1	8.14	0	0.00
MADISON	11110	0	0.00	0	0.00	0	0.00
MATHEWS	9362	0	0.00	0	0.00	0	0.00
MECKLENBURG	30036	0	0.00	1	3.33	2	6.66
MIDDLESEX	8876	0	0.00	1	11.27	0	0.00
MONTGOMERY	69785	0	0.00	1	1.43	20	28.66
NELSON	12566	0	0.00	3	23.87	0	0.00
NEW KENT	11411	0	0.00	1	8.76	2	17.53
NORTHAMPTON	14789	1	6.76	0	0.00	0	0.00
NORTHUMBERLAND	10353	1	9.66	1	9.66	0	0.00
NOTTOWAY	15059	2	13.28	0	0.00	0	0.00
ORANGE	20626	1	4.85	4	19.39	2	9.70
PAGE	21206	0	0.00	3	14.15	7	33.01
PATRICK	18328	0	0.00	2	10.91	1	5.46
PITTSYLVANIA	68536	1	1.46	2	2.92	0	0.00
POWHATAN	15711	0	0.00	1	6.36	0	0.00
PRINCE EDWARD	18211	2	10.98	3	16.47	1	5.49
PRINCE GEORGE	28676	0	0.00	1	3.49	1	3.49
PR WILLIAM/MANASSAS/M PARK	215314	7	3.25	9	4.18	28	13.00
PULASKI	36647	1	2.73	0	0.00	4	10.91
RAPPAHANNOCK	6281	0	0.00	1	15.92	1	15.92
RICHMOND COUNTY	7358	0	0.00	1	13.59	1	13.59
ROANOKE COUNTY	80284	4	4.98	8	9.96	17	21.17
ROCKBRIDGE, LEXINGTON	25633	0	0.00	3	11.70	2	7.80
ROCKINGHAM, HARRISONBURG	85519	1	1.17	26	30.40	1	1.17
RUSSELL	34504	0	0.00	1	2.90	2	5.80
SCOTT	26092	1	3.83	0	0.00	1	3.83
SHENANDOAH	30654	1	3.26	8	26.10	3	9.79
SMYTH	34484	0	0.00	0	0.00	0	0.00
SOUTHAMPTON	18374	0	0.00	2	10.88	0	0.00
SPOTSYLVANIA	45505	2	4.40	1	2.20	0	0.00
STAFFORD	55075	0	0.00	3	5.45	2	3.63
SURRY	6366	0	0.00	1	15.71	0	0.00
SUSSEX	10007	0	0.00	1	9.99	5	49.97
TAZEWELL	54013	2	3.70	1	1.85	0	0.00
WARREN	24348	1	4.11	1	4.11	13	53.39
WASHINGTON	50101	2	3.99	0	0.00	6	11.98
WESTMORELAND	14552	1	6.87	0	0.00	3	20.62
WISE, NORTON	53468	1	1.87	6	11.22	1	1.87
WYTHE	26949	2	7.42	0	0.00	2	7.42
YORK, POQUOSON	54564	3	5.50	0	0.00	6	11.00

COUNTY/CITY	PROJECTED 1989 POPULATION	BACTERIAL MENINGITIS		CAMPYLOBACTER INFECTIONS		CHICKENPOX	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
ALEXANDRIA	109054	1	0.92	24	22.01	122	111.87
BRISTOL	18377	1	5.44	1	5.44	0	0.00
BUENA VISTA	6991	0	0.00	1	14.30	0	0.00
CHESAPEAKE	140151	11	7.85	7	4.99	47	33.54
CLIFTON FORGE	5195	0	0.00	0	0.00	0	0.00
COLONIAL HEIGHTS	17492	0	0.00	3	17.15	1	5.72
DANVILLE	44976	3	6.67	4	8.89	0	0.00
FRANKLIN CITY	7993	0	0.00	3	37.53	8	100.09
FREDERICKSBURG	20503	4	19.51	3	14.63	2	9.75
GALAX	7135	0	0.00	1	14.02	4	56.06
HAMPTON	128094	4	3.12	1	0.78	10	7.81
HOPEWELL	24752	0	0.00	2	8.08	4	16.16
LYNCHBURG	70397	6	8.52	6	8.52	7	9.94
NEWPORT NEWS	163082	4	2.45	14	8.58	156	95.66
NORFOLK	273935	18	6.57	15	5.48	669	244.22
PETERSBURG	39573	1	2.53	13	32.85	2	5.05
PORTSMOUTH	113780	7	6.15	14	12.30	98	86.13
RADFORD	14225	1	7.03	0	0.00	6	42.18
RICHMOND CITY	214790	6	2.79	17	7.91	13	6.05
ROANOKE CITY	100027	3	3.00	25	24.99	33	32.99
SALEM	24723	1	4.04	3	12.13	0	0.00
SUFFOLK	54723	1	1.83	8	14.62	9	16.45
VIRGINIA BEACH	352564	17	4.82	33	9.36	1735	492.11
WAYNESBORO	18541	1	5.39	7	37.75	15	80.90
WILLIAMSBURG	11286	2	17.72	13	115.19	20	177.21



DISTRICT	PROJECTED 1989 POPULATION	BACTERIAL MENINGITIS		CAMPYLOBACTER INFECTIONS		CHICKENPOX	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
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CENTRAL SHENANDOAH	222443	4	1.80	48	21.58	49	22.03
LORD FAIRFAX	148616	4	2.69	24	16.15	31	20.86
RAPPAHANNOCK	153999	7	4.55	8	5.19	4	2.60
RAPPAHANNOCK/RAPIDAN	107501	2	1.86	5	4.65	16	14.88
THOMAS JEFFERSON	163323	7	4.29	63	38.57	11	6.74
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ALEXANDRIA	109054	1	0.92	24	22.01	122	111.87
ARLINGTON	155933	2	1.28	32	20.52	25	16.03
FAIRFAX	753792	13	1.72	112	14.86	199	26.40
LOUDOUN	71357	4	5.61	6	8.41	8	11.21
PRINCE WILLIAM	215314	7	3.25	9	4.18	28	13.00
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ALLEGHANY	162617	6	3.69	15	9.22	39	23.98
CENTRAL VIRGINIA	213380	12	5.62	13	6.09	18	8.44
CUMBERLAND PLATEAU	150017	5	3.33	3	2.00	3	2.00
PITTSYLVANIA/DANVILLE	113512	4	3.52	6	5.29	0	0.00
WEST PIEDMONT	134969	1	0.74	18	13.34	8	5.93
LENOWISCO	108168	2	1.85	9	8.32	11	10.17
MOUNT ROGERS	190321	6	3.15	2	1.05	14	7.36
NEW RIVER	151582	4	2.64	1	0.66	34	22.43
ROANOKE CITY	100027	3	3.00	25	24.99	33	32.99
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CHESTERFIELD	229148	6	2.62	44	19.20	20	8.73
CRATER	146342	2	1.37	20	13.67	19	12.98
HANOVER	91373	0	0.00	14	15.32	4	4.38
HENRICO	205273	2	0.97	39	19.00	7	3.41
PIEDMONT	87236	4	4.59	5	5.73	3	3.44
RICHMOND CITY	214790	6	2.79	17	7.91	13	6.05
SOUTHSIDE	84522	0	0.00	8	9.46	3	3.55
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CHESAPEAKE	140151	11	7.85	7	4.99	47	33.54
EASTERN SHORE	47082	4	8.50	1	2.12	0	0.00
HAMPTON	128094	4	3.12	1	0.78	10	7.81
MIDDLE PENINSULA	73961	1	1.35	3	4.06	3	4.06
NORFOLK	273935	18	6.57	15	5.48	669	244.22
NORTHERN NECK	44078	2	4.54	2	4.54	4	9.07
PENINSULA	258979	12	4.63	28	10.81	186	71.82
PORTSMOUTH	113780	7	6.15	14	12.30	98	86.13
WESTERN TIDEWATER	105298	1	0.95	15	14.25	18	17.09
VIRGINIA BEACH	352564	17	4.82	33	9.36	1735	492.11
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REGION							
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NORTHWEST	795882	24	3.02	148	18.60	111	13.95
NORTH	1305450	27	2.07	183	14.02	382	29.26
SOUTHWEST	1324593	43	3.25	92	6.95	160	12.08
CENTRAL	1058684	20	1.89	147	13.89	69	6.52
EAST	1537922	77	5.01	119	7.74	2770	180.11

COUNTY/CITY	PROJECTED 1989 POPULATION	ENCEPHALITIS, PRIMARY		GIARDIASIS		GONORRHEA	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
TOTAL	6022531	47	0.78	304	5.05	15993	265.55
ACCOMACK	32293	0	0.00	2	6.19	63	195.09
ALBEMARLE, CHARLOTTESVILLE	109467	5	4.57	8	7.31	213	194.58
ALLEGHANY, COVINGTON	22422	0	0.00	0	0.00	6	26.76
AMELIA	9125	0	0.00	0	0.00	12	131.51
AMHERST	30184	0	0.00	1	3.31	19	62.95
APPOMATTOX	13170	0	0.00	0	0.00	17	129.08
ARLINGTON	155933	1	0.64	22	14.11	280	179.56
AUGUSTA, STAUNTON	77046	1	1.30	1	1.30	25	32.45
BATH	5537	1	18.06	0	0.00	4	72.24
BEDFORD CITY, COUNTY	49635	0	0.00	1	2.01	14	28.21
BLAND	7026	0	0.00	0	0.00	1	14.23
BOTETOURT	25639	0	0.00	2	7.80	11	42.90
BRUNSWICK	16238	0	0.00	0	0.00	42	258.65
BUCHANAN	39894	0	0.00	2	5.01	2	5.01
BUCKINGHAM	12523	0	0.00	0	0.00	29	231.57
CAMPBELL	49994	1	2.00	0	0.00	59	118.01
CAROLINE	20337	0	0.00	0	0.00	32	157.35
CARROLL	29014	0	0.00	0	0.00	4	13.79
CHARLES CITY	6871	0	0.00	0	0.00	9	130.99
CHARLOTTE	11492	0	0.00	0	0.00	9	78.32
CHESTERFIELD	195945	2	1.02	7	3.57	92	46.95
CLARKE	10803	1	9.26	0	0.00	5	46.28
CRAIG	4354	0	0.00	0	0.00	2	45.93
CULPEPER	25120	0	0.00	0	0.00	70	278.66
CUMBERLAND	8539	0	0.00	0	0.00	12	140.53
DICKENSON	21606	0	0.00	0	0.00	0	0.00
DINWIDDIE	21527	0	0.00	0	0.00	23	106.84
ESSEX	9256	0	0.00	2	21.61	21	226.88
FAIRFAX CITY/CO/FALLS CH	753792	7	0.93	33	4.38	569	75.49
FAUQUIER	44364	1	2.25	9	20.29	33	74.38
FLOYD	12576	0	0.00	3	23.85	0	0.00
FLUVANNA	11559	1	8.65	2	17.30	27	233.58
FRANKLIN COUNTY	39392	0	0.00	2	5.08	13	33.00
FREDERICK, WINCHESTER	61605	0	0.00	2	3.25	75	121.74
GILES	18349	0	0.00	2	10.90	0	0.00
GLOUCESTER	29012	0	0.00	1	3.45	19	65.49
GOOCHLAND	13597	0	0.00	0	0.00	5	36.77
GRAYSON	17235	1	5.80	0	0.00	3	17.41
GREENE	9498	0	0.00	0	0.00	6	63.17
GREENSVILLE, EMPORIA	15441	0	0.00	2	12.95	20	129.53
HALIFAX, SOUTH BOSTON	38248	0	0.00	1	2.61	42	109.81
HANOVER	59494	0	0.00	4	6.72	26	43.70
HENRICO	205273	3	1.46	30	14.61	137	66.74
HENRY, MARTINSVILLE	77249	0	0.00	1	1.29	141	182.53
HIGHLAND	3176	0	0.00	0	0.00	0	0.00
ISLE OF WIGHT	24208	0	0.00	0	0.00	75	309.81
JAMES CITY	30047	0	0.00	0	0.00	14	46.59

COUNTY/CITY	PROJECTED 1989 POPULATION	ENCEPHALITIS, PRIMARY		GIARDIASIS		GONORRHEA	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
KING GEORGE	12579	0	0.00	0	0.00	10	79.50
KING & QUEEN	6623	0	0.00	0	0.00	6	90.59
KING WILLIAM	10832	0	0.00	1	9.23	15	138.48
LANCASTER	11815	0	0.00	0	0.00	6	50.78
LEE	28608	0	0.00	1	3.50	0	0.00
LOUDOUN	71357	0	0.00	9	12.61	51	71.47
LOUISA	20233	0	0.00	2	9.88	23	113.68
LUNENBURG	12287	0	0.00	0	0.00	9	73.25
MADISON	11110	0	0.00	0	0.00	16	144.01
MATHEWS	9362	0	0.00	0	0.00	0	0.00
MECKLENBURG	30036	0	0.00	0	0.00	40	133.17
MIDDLESEX	8876	0	0.00	0	0.00	0	0.00
MONTGOMERY	69785	0	0.00	4	5.73	7	10.03
NELSON	12566	0	0.00	1	7.96	9	71.62
NEW KENT	11411	0	0.00	0	0.00	4	35.05
NORTHAMPTON	14789	0	0.00	1	6.76	54	365.14
NORTHUMBERLAND	10353	0	0.00	0	0.00	11	106.25
NOTTOWAY	15059	0	0.00	0	0.00	28	185.94
ORANGE	20626	1	4.85	0	0.00	24	116.36
PAGE	21206	0	0.00	4	18.86	0	0.00
PATRICK	18328	0	0.00	0	0.00	2	10.91
PITTSYLVANIA	68536	0	0.00	0	0.00	110	160.50
POWHATAN	15711	0	0.00	1	6.36	7	44.55
PRINCE EDWARD	18211	0	0.00	0	0.00	22	120.81
PRINCE GEORGE	28676	0	0.00	0	0.00	5	17.44
PR WILLIAM/MANASSAS/M PARK	215314	0	0.00	19	8.82	303	140.72
PULASKI	36647	0	0.00	0	0.00	17	46.39
RAPPAHANNOCK	6281	1	15.92	0	0.00	1	15.92
RICHMOND COUNTY	7358	0	0.00	0	0.00	8	108.73
ROANOKE COUNTY	80284	0	0.00	9	11.21	14	17.44
ROCKBRIDGE, LEXINGTON	25633	0	0.00	0	0.00	6	23.41
ROCKINGHAM, HARRISONBURG	85519	0	0.00	6	7.02	17	19.88
RUSSELL	34504	0	0.00	1	2.90	2	5.80
SCOTT	26092	0	0.00	0	0.00	4	15.33
SHENANDOAH	30654	0	0.00	4	13.05	3	9.79
SMYTH	34484	0	0.00	0	0.00	10	29.00
SOUTHAMPTON	18374	0	0.00	0	0.00	70	380.97
SPOTSYLVANIA	45505	0	0.00	0	0.00	21	46.15
STAFFORD	55075	1	1.82	0	0.00	22	39.95
SURRY	6366	0	0.00	0	0.00	14	219.92
SUSSEX	10007	0	0.00	0	0.00	16	159.89
TAZEWELL	54013	0	0.00	0	0.00	1	1.85
WARREN	24348	1	4.11	1	4.11	12	49.29
WASHINGTON	50101	0	0.00	0	0.00	8	15.97
WESTMORELAND	14552	0	0.00	0	0.00	45	309.24
WISE, NORTON	53468	0	0.00	0	0.00	0	0.00
WYTHE	26949	1	3.71	0	0.00	20	74.21
YORK, POQUOSON	54564	0	0.00	2	3.67	27	49.48

COUNTY/CITY	PROJECTED 1989 POPULATION	ENCEPHALITIS, PRIMARY		GIARDIASIS		GONORRHEA	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
ALEXANDRIA	109054	0	0.00	5	4.58	911	835.37
BRISTOL	18377	0	0.00	0	0.00	3	16.32
BUENA VISTA	6991	0	0.00	0	0.00	5	71.52
CHESAPEAKE	140151	2	1.43	6	4.28	574	409.56
CLIFTON FORGE	5195	0	0.00	0	0.00	3	57.75
COLONIAL HEIGHTS	17492	0	0.00	0	0.00	8	45.74
DANVILLE	44976	1	2.22	0	0.00	335	744.84
FRANKLIN CITY	7993	0	0.00	0	0.00	84	1050.92
FREDERICKSBURG	20503	1	4.88	1	4.88	70	341.41
GALAX	7135	0	0.00	0	0.00	10	140.15
HAMPTON	128094	2	1.56	4	3.12	621	484.80
HOPEWELL	24752	0	0.00	0	0.00	15	60.60
LYNCHBURG	70397	2	2.84	3	4.26	228	323.88
NEWPORT NEWS	163082	0	0.00	6	3.68	1008	618.09
NORFOLK	273935	3	1.10	10	3.65	3015	1100.63
PETERSBURG	39573	0	0.00	0	0.00	182	459.91
PORTSMOUTH	113780	1	0.88	3	2.64	1307	1148.71
RADFORD	14225	0	0.00	0	0.00	11	77.33
RICHMOND CITY	214790	1	0.47	6	2.79	2388	1111.78
ROANOKE CITY	100027	0	0.00	35	34.99	604	603.84
SALEM	24723	0	0.00	5	20.22	18	72.81
SUFFOLK	54723	1	1.83	2	3.65	527	963.03
VIRGINIA BEACH	352564	1	0.28	6	1.70	571	161.96
WAYNESBORO	18541	1	5.39	2	10.79	10	53.93
WILLIAMSBURG	11286	1	8.86	4	35.44	104	921.50

DISTRICT	PROJECTED 1989 POPULATION	ENCEPHALITIS, PRIMARY		GIARDIASIS		GONORRHEA	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
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CENTRAL SHENANDOAH	222443	3	1.35	9	4.05	67	30.12
LORD FAIRFAX	148616	2	1.35	11	7.40	95	63.92
RAPPAHANNOCK	153999	2	1.30	1	0.65	155	100.65
RAPPAHANNOCK/RAPIDAN	107501	3	2.79	9	8.37	144	133.95
THOMAS JEFFERSON	163323	6	3.67	13	7.96	278	170.21
-----							
ALEXANDRIA	109054	0	0.00	5	4.58	911	835.37
ARLINGTON	155933	1	0.64	22	14.11	280	179.56
FAIRFAX	753792	7	0.93	33	4.38	569	75.49
LOUDOUN	71357	0	0.00	9	12.61	51	71.47
PRINCE WILLIAM	215314	0	0.00	19	8.82	303	140.72
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ALLEGHANY	162617	0	0.00	16	9.84	54	33.21
CENTRAL VIRGINIA	213380	3	1.41	5	2.34	337	157.93
CUMBERLAND PLATEAU	150017	0	0.00	3	2.00	5	3.33
PITTSYLVANIA/DANVILLE	113512	1	0.88	0	0.00	445	392.03
WEST PIEDMONT	134969	0	0.00	3	2.22	156	115.58
LENOWISCO	108168	0	0.00	1	0.92	4	3.70
MOUNT ROGERS	190321	2	1.05	0	0.00	59	31.00
NEW RIVER	151582	0	0.00	9	5.94	35	23.09
ROANOKE CITY	100027	0	0.00	35	34.99	604	603.84
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CHESTERFIELD	229148	2	0.87	8	3.49	107	46.69
CRATER	146342	0	0.00	2	1.37	275	187.92
HANOVER	91373	0	0.00	4	4.38	44	48.15
HENRICO	205273	3	1.46	30	14.61	137	66.74
PIEDMONT	87236	0	0.00	0	0.00	121	138.70
RICHMOND CITY	214790	1	0.47	6	2.79	2388	1111.78
SOUTHSIDE	84522	0	0.00	1	1.18	124	146.71
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CHESAPEAKE	140151	2	1.43	6	4.28	574	409.56
EASTERN SHORE	47082	0	0.00	3	6.37	117	248.50
HAMPTON	128094	2	1.56	4	3.12	621	484.80
MIDDLE PENINSULA	73961	0	0.00	4	5.41	61	82.48
NORFOLK	273935	3	1.10	10	3.65	3015	1100.63
NORTHERN NECK	44078	0	0.00	0	0.00	70	158.81
PENINSULA	258979	1	0.39	12	4.63	1153	445.21
PORTSMOUTH	113780	1	0.88	3	2.64	1307	1148.71
WESTERN TIDEWATER	105298	1	0.95	2	1.90	756	717.96
VIRGINIA BEACH	352564	1	0.28	6	1.70	571	161.96
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REGION							
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NORTHWEST	795882	16	2.01	43	5.40	739	92.85
NORTH	1305450	8	0.61	88	6.74	2114	161.94
SOUTHWEST	1324593	6	0.45	72	5.44	1699	128.27
CENTRAL	1058684	6	0.57	51	4.82	3196	301.88
EAST	1537922	11	0.72	50	3.25	8245	536.11

COUNTY/CITY	HEPATITIS A			HEPATITIS B		HEPATITIS NON A - NON B	
	PROJECTED	REPORTED	RATE PER	REPORTED	RATE PER	REPORTED	RATE PER
	1989 POPULATION	CASES	100,000	CASES	100,000	CASES	100,000
TOTAL	6022531	334	5.55	321	5.33	70	1.16
ACCOMACK	32293	1	3.10	0	0.00	0	0.00
ALBEMARLE, CHARLOTTESVILLE	109467	4	3.65	6	5.48	0	0.00
ALLEGHANY, COVINGTON	22422	0	0.00	0	0.00	0	0.00
AMELIA	9125	1	10.96	0	0.00	0	0.00
AMHERST	30184	0	0.00	1	3.31	0	0.00
APPOMATTOX	13170	1	7.59	0	0.00	0	0.00
ARLINGTON	155933	5	3.21	9	5.77	0	0.00
AUGUSTA, STAUNTON	77046	2	2.60	1	1.30	3	3.89
BATH	5537	0	0.00	1	18.06	0	0.00
BEDFORD CITY, COUNTY	49635	0	0.00	3	6.04	0	0.00
BLAND	7026	0	0.00	0	0.00	0	0.00
BOTETOURT	25639	0	0.00	1	3.90	1	3.90
BRUNSWICK	16238	0	0.00	0	0.00	0	0.00
BUCHANAN	39894	1	2.51	2	5.01	0	0.00
BUCKINGHAM	12523	0	0.00	0	0.00	0	0.00
CAMPBELL	49994	0	0.00	1	2.00	0	0.00
CAROLINE	20337	0	0.00	0	0.00	0	0.00
CARROLL	29014	0	0.00	0	0.00	1	3.45
CHARLES CITY	6871	0	0.00	0	0.00	0	0.00
CHARLOTTE	11492	0	0.00	0	0.00	0	0.00
CHESTERFIELD	195945	20	10.21	4	2.04	7	3.57
CLARKE	10803	1	9.26	1	9.26	0	0.00
CRAIG	4354	0	0.00	1	22.97	0	0.00
CULPEPER	25120	0	0.00	1	3.98	0	0.00
CUMBERLAND	8539	0	0.00	1	11.71	0	0.00
DICKENSON	21606	0	0.00	1	4.63	0	0.00
DINWIDDIE	21527	1	4.65	0	0.00	0	0.00
ESSEX	9256	0	0.00	0	0.00	1	10.80
FAIRFAX CITY/CO/FALLS CH	753792	29	3.85	16	2.12	7	0.93
FAUQUIER	44364	0	0.00	2	4.51	0	0.00
FLOYD	12576	0	0.00	1	7.95	0	0.00
FLUVANNA	11559	0	0.00	0	0.00	0	0.00
FRANKLIN COUNTY	39392	0	0.00	0	0.00	0	0.00
FREDERICK, WINCHESTER	61605	1	1.62	0	0.00	1	1.62
GILES	18349	0	0.00	0	0.00	0	0.00
GLOUCESTER	29012	0	0.00	0	0.00	0	0.00
GOOCHLAND	13597	0	0.00	0	0.00	0	0.00
GRAYSON	17235	1	5.80	0	0.00	0	0.00
GREENE	9498	0	0.00	0	0.00	0	0.00
GREENSVILLE, EMPORIA	15441	2	12.95	0	0.00	0	0.00
HALIFAX, SOUTH BOSTON	38248	0	0.00	0	0.00	0	0.00
HANOVER	59494	15	25.21	2	3.36	1	1.68
HENRICO	205273	97	47.25	11	5.36	5	2.44
HENRY, MARTINSVILLE	77249	1	1.29	2	2.59	0	0.00
HIGHLAND	3176	0	0.00	0	0.00	0	0.00
ISLE OF WIGHT	24208	0	0.00	0	0.00	0	0.00
JAMES CITY	30047	5	16.64	1	3.33	0	0.00

COUNTY/CITY	HEPATITIS A			HEPATITIS B		HEPATITIS NON A - NON B	
	PROJECTED	REPORTED	RATE PER	REPORTED	RATE PER	REPORTED	RATE PER
	1989 POPULATION	CASES	100,000	CASES	100,000	CASES	100,000
KING GEORGE	12579	0	0.00	0	0.00	0	0.00
KING & QUEEN	6623	0	0.00	0	0.00	0	0.00
KING WILLIAM	10832	0	0.00	0	0.00	0	0.00
LANCASTER	11815	0	0.00	0	0.00	0	0.00
LEE	28608	0	0.00	0	0.00	0	0.00
LOUDOUN	71357	2	2.80	1	1.40	0	0.00
LOUISA	20233	1	4.94	0	0.00	0	0.00
LUNENBURG	12287	0	0.00	0	0.00	0	0.00
MADISON	11110	0	0.00	0	0.00	0	0.00
MATHEWS	9362	1	10.68	0	0.00	0	0.00
MECKLENBURG	30036	0	0.00	0	0.00	0	0.00
MIDDLESEX	8876	0	0.00	0	0.00	0	0.00
MONTGOMERY	69785	1	1.43	6	8.60	1	1.43
NELSON	12566	0	0.00	0	0.00	0	0.00
NEW KENT	11411	0	0.00	0	0.00	0	0.00
NORTHAMPTON	14789	0	0.00	2	13.52	0	0.00
NORTHUMBERLAND	10353	0	0.00	0	0.00	0	0.00
NOTTOWAY	15059	0	0.00	1	6.64	1	6.64
ORANGE	20626	0	0.00	0	0.00	0	0.00
PAGE	21206	0	0.00	0	0.00	0	0.00
PATRICK	18328	0	0.00	0	0.00	0	0.00
PITTSYLVANIA	68536	1	1.46	3	4.38	0	0.00
POWHATAN	15711	1	6.36	2	12.73	0	0.00
PRINCE EDWARD	18211	1	5.49	2	10.98	1	5.49
PRINCE GEORGE	28676	0	0.00	1	3.49	0	0.00
PR WILLIAM/MANASSAS/M PARK	215314	1	0.46	8	3.72	1	0.46
PULASKI	36647	1	2.73	2	5.46	0	0.00
RAPPAHANNOCK	6281	0	0.00	0	0.00	0	0.00
RICHMOND COUNTY	7358	2	27.18	1	13.59	0	0.00
ROANOKE COUNTY	80284	2	2.49	17	21.17	0	0.00
ROCKBRIDGE, LEXINGTON	25633	0	0.00	0	0.00	0	0.00
ROCKINGHAM, HARRISONBURG	85519	1	1.17	0	0.00	2	2.34
RUSSELL	34504	0	0.00	1	2.90	0	0.00
SCOTT	26092	0	0.00	0	0.00	1	3.83
SHENANDOAH	30654	1	3.26	1	3.26	0	0.00
SMYTH	34484	3	8.70	3	8.70	0	0.00
SOUTHAMPTON	18374	0	0.00	1	5.44	0	0.00
SPOTSYLVANIA	45505	1	2.20	1	2.20	0	0.00
STAFFORD	55075	0	0.00	1	1.82	0	0.00
SURRY	6366	0	0.00	0	0.00	0	0.00
SUSSEX	10007	1	9.99	0	0.00	0	0.00
TAZEWELL	54013	2	3.70	0	0.00	0	0.00
WARREN	24348	1	4.11	1	4.11	1	4.11
WASHINGTON	50101	0	0.00	5	9.98	0	0.00
WESTMORELAND	14552	1	6.87	0	0.00	0	0.00
WISE, NORTON	53468	2	3.74	0	0.00	0	0.00
WYTHE	26949	0	0.00	0	0.00	1	3.71
YORK, POQUOSON	54564	4	7.33	4	7.33	0	0.00

COUNTY/CITY	HEPATITIS A			HEPATITIS B		HEPATITIS NON A - NON B	
	PROJECTED 1989 POPULATION	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
ALEXANDRIA	109054	3	2.75	9	8.25	2	1.83
BRISTOL	18377	0	0.00	1	5.44	1	5.44
BUENA VISTA	6991	0	0.00	0	0.00	0	0.00
CHESAPEAKE	140151	0	0.00	15	10.70	3	2.14
CLIFTON FORGE	5195	0	0.00	0	0.00	0	0.00
COLONIAL HEIGHTS	17492	2	11.43	0	0.00	1	5.72
DANVILLE	44976	0	0.00	4	8.89	1	2.22
FRANKLIN CITY	7993	0	0.00	0	0.00	0	0.00
FREDERICKSBURG	20503	0	0.00	0	0.00	0	0.00
GALAX	7135	0	0.00	0	0.00	0	0.00
HAMPTON	128094	9	7.03	8	6.25	1	0.78
HOPEWELL	24752	0	0.00	0	0.00	0	0.00
LYNCHBURG	70397	1	1.42	3	4.26	0	0.00
NEWPORT NEWS	163082	3	1.84	14	8.58	3	1.84
NORFOLK	273935	8	2.92	30	10.95	3	1.10
PETERSBURG	39573	0	0.00	2	5.05	0	0.00
PORTSMOUTH	113780	2	1.76	20	17.58	2	1.76
RADFORD	14225	0	0.00	0	0.00	0	0.00
RICHMOND CITY	214790	76	35.38	23	10.71	2	0.93
ROANOKE CITY	100027	1	1.00	14	14.00	2	2.00
SALEM	24723	0	0.00	3	12.13	0	0.00
SUFFOLK	54723	1	1.83	4	7.31	0	0.00
VIRGINIA BEACH	352564	7	1.99	35	9.93	11	3.12
WAYNESBORO	18541	0	0.00	0	0.00	1	5.39
WILLIAMSBURG	11286	2	17.72	3	26.58	1	8.86



DISTRICT	HEPATITIS A			HEPATITIS B		HEPATITIS NON A - NON B	
	PROJECTED 1989 POPULATION	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
CENTRAL SHENANDOAH	222443	3	1.35	2	0.90	6	2.70
LORD FAIRFAX	148616	4	2.69	3	2.02	2	1.35
RAPPAHANNOCK	153999	1	0.65	2	1.30	0	0.00
RAPPAHANNOCK/RAPIDAN	107501	0	0.00	3	2.79	0	0.00
THOMAS JEFFERSON	163323	5	3.06	6	3.67	0	0.00
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ALEXANDRIA	109054	3	2.75	9	8.25	2	1.83
ARLINGTON	155933	5	3.21	9	5.77	0	0.00
FAIRFAX	753792	29	3.85	16	2.12	7	0.93
LOUDOUN	71357	2	2.80	1	1.40	0	0.00
PRINCE WILLIAM	215314	1	0.46	8	3.72	1	0.46
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ALLEGHANY	162617	2	1.23	22	13.53	1	0.61
CENTRAL VIRGINIA	213380	2	0.94	8	3.75	0	0.00
CUMBERLAND PLATEAU	150017	3	2.00	4	2.67	0	0.00
PITTSYLVANIA/DANVILLE	113512	1	0.88	7	6.17	1	0.88
WEST PIEDMONT	134969	1	0.74	2	1.48	0	0.00
LENOWISCO	108168	2	1.85	0	0.00	1	0.92
MOUNT ROGERS	190321	4	2.10	9	4.73	3	1.58
NEW RIVER	151582	2	1.32	9	5.94	1	0.66
ROANOKE CITY	100027	1	1.00	14	14.00	2	2.00
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CHESTERFIELD	229148	23	10.04	6	2.62	8	3.49
CRATER	146342	4	2.73	3	2.05	0	0.00
HANOVER	91373	15	16.42	2	2.19	1	1.09
HENRICO	205273	97	47.25	11	5.36	5	2.44
PIEDMONT	87236	2	2.29	4	4.59	2	2.29
RICHMOND CITY	214790	76	35.38	23	10.71	2	0.93
SOUTHSIDE	84522	0	0.00	0	0.00	0	0.00
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CHESAPEAKE	140151	0	0.00	15	10.70	3	2.14
EASTERN SHORE	47082	1	2.12	2	4.25	0	0.00
HAMPTON	128094	9	7.03	8	6.25	1	0.78
MIDDLE PENINSULA	73961	1	1.35	0	0.00	1	1.35
NORFOLK	273935	8	2.92	30	10.95	3	1.10
NORTHERN NECK	44078	3	6.81	1	2.27	0	0.00
PENINSULA	258979	14	5.41	22	8.49	4	1.54
PORTSMOUTH	113780	2	1.76	20	17.58	2	1.76
WESTERN TIDEWATER	105298	1	0.95	5	4.75	0	0.00
VIRGINIA BEACH	352564	7	1.99	35	9.93	11	3.12
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REGION							
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NORTHWEST	795882	13	1.63	16	2.01	8	1.01
NORTH	1305450	40	3.06	43	3.29	10	0.77
SOUTHWEST	1324593	18	1.36	75	5.66	9	0.68
CENTRAL	1058684	217	20.50	49	4.63	18	1.70
EAST	1537922	46	2.99	138	8.97	25	1.63

COUNTY/CITY	HEPATITIS UNSPECIFIED			INFLUENZA		KAWASAKI SYNDROME	
	PROJECTED 1989 POPULATION	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
TOTAL	6022531	237	3.94	2108	35.00	23	0.38
ACCOMACK	32293	1	3.10	0	0.00	0	0.00
ALBEMARLE, CHARLOTTESVILLE	109467	27	24.66	25	22.84	0	0.00
ALLEGHANY, COVINGTON	22422	0	0.00	3	13.38	0	0.00
AMELIA	9125	0	0.00	0	0.00	0	0.00
AMHERST	30184	0	0.00	0	0.00	0	0.00
APPOMATTOX	13170	0	0.00	29	220.20	0	0.00
ARLINGTON	155933	7	4.49	0	0.00	1	0.64
AUGUSTA, STAUNTON	77046	6	7.79	6	7.79	0	0.00
BATH	5537	0	0.00	0	0.00	0	0.00
BEDFORD CITY, COUNTY	49635	0	0.00	1	2.01	0	0.00
BLAND	7026	1	14.23	0	0.00	0	0.00
BOTETOURT	25639	0	0.00	0	0.00	0	0.00
BRUNSWICK	16238	1	6.16	0	0.00	0	0.00
BUCHANAN	39894	0	0.00	67	167.95	0	0.00
BUCKINGHAM	12523	1	7.99	0	0.00	0	0.00
CAMPBELL	49994	0	0.00	0	0.00	1	2.00
CAROLINE	20337	0	0.00	0	0.00	0	0.00
CARROLL	29014	0	0.00	0	0.00	0	0.00
CHARLES CITY	6871	0	0.00	0	0.00	0	0.00
CHARLOTTE	11492	0	0.00	0	0.00	0	0.00
CHESTERFIELD	195945	3	1.53	40	20.41	0	0.00
CLARKE	10803	0	0.00	0	0.00	0	0.00
CRAIG	4354	0	0.00	0	0.00	0	0.00
CULPEPER	25120	1	3.98	0	0.00	0	0.00
CUMBERLAND	8539	0	0.00	0	0.00	0	0.00
DICKENSON	21606	0	0.00	2	9.26	0	0.00
DINWIDDIE	21527	0	0.00	0	0.00	0	0.00
ESSEX	9256	0	0.00	0	0.00	0	0.00
FAIRFAX CITY/CO/FALLS CH	753792	17	2.26	101	13.40	5	0.66
FAUQUIER	44364	0	0.00	0	0.00	0	0.00
FLOYD	12576	1	7.95	0	0.00	0	0.00
FLUVANNA	11559	0	0.00	1	8.65	0	0.00
FRANKLIN COUNTY	39392	2	5.08	0	0.00	1	2.54
FREDERICK, WINCHESTER	61605	2	3.25	3	4.87	0	0.00
GILES	18349	0	0.00	0	0.00	0	0.00
GLOUCESTER	29012	0	0.00	0	0.00	0	0.00
GOOCHLAND	13597	0	0.00	0	0.00	0	0.00
GRAYSON	17235	0	0.00	0	0.00	0	0.00
GREENE	9498	0	0.00	0	0.00	0	0.00
GREENSVILLE, EMPORIA	15441	0	0.00	0	0.00	0	0.00
HALIFAX, SOUTH BOSTON	38248	1	2.61	0	0.00	0	0.00
HANOVER	59494	1	1.68	25	42.02	0	0.00
HENRICO	205273	8	3.90	334	162.71	1	0.49
HENRY, MARTINSVILLE	77249	1	1.29	0	0.00	0	0.00
HIGHLAND	3176	0	0.00	0	0.00	0	0.00
ISLE OF WIGHT	24208	1	4.13	0	0.00	0	0.00
JAMES CITY	30047	0	0.00	0	0.00	0	0.00

COUNTY/CITY	HEPATITIS UNSPECIFIED		INFLUENZA		KAWASAKI SYNDROME	
	PROJECTED 1989	REPORTED RATE PER	REPORTED RATE PER	REPORTED RATE PER	REPORTED RATE PER	
	POPULATION	CASES 100,000	CASES 100,000	CASES 100,000	CASES 100,000	
KING GEORGE	12579	0 0.00	0 0.00	0 0.00	0 0.00	
KING & QUEEN	6623	1 15.10	0 0.00	0 0.00	0 0.00	
KING WILLIAM	10832	0 0.00	0 0.00	0 0.00	0 0.00	
LANCASTER	11815	2 16.93	0 0.00	0 0.00	0 0.00	
LEE	28608	1 3.50	0 0.00	0 0.00	0 0.00	
LOUDOUN	71357	0 0.00	0 0.00	0 0.00	0 0.00	
LOUISA	20233	3 14.83	0 0.00	0 0.00	0 0.00	
LUNENBURG	12287	1 8.14	0 0.00	0 0.00	0 0.00	
MADISON	11110	1 9.00	0 0.00	0 0.00	0 0.00	
MATHEWS	9362	0 0.00	0 0.00	0 0.00	0 0.00	
MECKLENBURG	30036	0 0.00	0 0.00	0 0.00	0 0.00	
MIDDLESEX	8876	0 0.00	0 0.00	0 0.00	0 0.00	
MONTGOMERY	69785	2 2.87	0 0.00	0 0.00	0 0.00	
NELSON	12566	1 7.96	1 7.96	0 0.00	0 0.00	
NEW KENT	11411	1 8.76	0 0.00	0 0.00	0 0.00	
NORTHAMPTON	14789	0 0.00	0 0.00	0 0.00	0 0.00	
NORTHUMBERLAND	10353	0 0.00	0 0.00	0 0.00	0 0.00	
NOTTOWAY	15059	5 33.20	0 0.00	0 0.00	0 0.00	
ORANGE	20626	1 4.85	1 4.85	0 0.00	0 0.00	
PAGE	21206	0 0.00	122 575.31	0 0.00	0 0.00	
PATRICK	18328	0 0.00	10 54.56	0 0.00	0 0.00	
PITTSYLVANIA	68536	0 0.00	0 0.00	0 0.00	0 0.00	
POWHATAN	15711	0 0.00	0 0.00	2 12.73	0 0.00	
PRINCE EDWARD	18211	2 10.98	18 98.84	0 0.00	0 0.00	
PRINCE GEORGE	28676	0 0.00	0 0.00	0 0.00	0 0.00	
PR WILLIAM/MANASSAS/M PARK	215314	1 0.46	4 1.86	2 0.93	0 0.00	
PULASKI	36647	2 5.46	0 0.00	0 0.00	0 0.00	
RAPPAHANNOCK	6281	0 0.00	0 0.00	0 0.00	0 0.00	
RICHMOND COUNTY	7358	0 0.00	0 0.00	0 0.00	0 0.00	
ROANOKE COUNTY	80284	1 1.25	0 0.00	0 0.00	0 0.00	
ROCKBRIDGE, LEXINGTON	25633	0 0.00	1 3.90	0 0.00	0 0.00	
ROCKINGHAM, HARRISONBURG	85519	2 2.34	3 3.51	0 0.00	0 0.00	
RUSSELL	34504	0 0.00	88 255.04	0 0.00	0 0.00	
SCOTT	26092	1 3.83	0 0.00	0 0.00	0 0.00	
SHENANDOAH	30654	0 0.00	0 0.00	1 3.26	0 0.00	
SMYTH	34484	0 0.00	4 11.60	0 0.00	0 0.00	
SOUTHAMPTON	18374	2 10.88	0 0.00	0 0.00	0 0.00	
SPOTSYLVANIA	45505	1 2.20	0 0.00	0 0.00	0 0.00	
STAFFORD	55075	0 0.00	0 0.00	0 0.00	0 0.00	
SURRY	6366	0 0.00	0 0.00	0 0.00	0 0.00	
SUSSEX	10007	0 0.00	0 0.00	0 0.00	0 0.00	
TAZEWELL	54013	0 0.00	0 0.00	0 0.00	0 0.00	
WARREN	24348	1 4.11	156 640.71	0 0.00	0 0.00	
WASHINGTON	50101	0 0.00	234 467.06	0 0.00	0 0.00	
WESTMORELAND	14552	0 0.00	0 0.00	0 0.00	0 0.00	
WISE, NORTON	53468	0 0.00	302 564.82	0 0.00	0 0.00	
WYTHE	26949	0 0.00	0 0.00	0 0.00	0 0.00	
YORK, POQUOSON	54564	0 0.00	0 0.00	0 0.00	0 0.00	

COUNTY/CITY	HEPATITIS UNSPECIFIED		INFLUENZA		KAWASAKI SYNDROME		
	PROJECTED 1989 POPULATION	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
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ALEXANDRIA	109054	8	7.34	0	0.00	1	0.92
BRISTOL	18377	0	0.00	0	0.00	0	0.00
BUENA VISTA	6991	0	0.00	0	0.00	0	0.00
CHESAPEAKE	140151	12	8.56	1	0.71	1	0.71
CLIFTON FORGE	5195	0	0.00	0	0.00	0	0.00
COLONIAL HEIGHTS	17492	1	5.72	0	0.00	0	0.00
DANVILLE	44976	0	0.00	0	0.00	0	0.00
FRANKLIN CITY	7993	1	12.51	0	0.00	0	0.00
FREDERICKSBURG	20503	1	4.88	0	0.00	0	0.00
GALAX	7135	0	0.00	0	0.00	0	0.00
HAMPTON	128094	4	3.12	6	4.68	1	0.78
HOPEWELL	24752	1	4.04	1	4.04	0	0.00
LYNCHBURG	70397	2	2.84	116	164.78	0	0.00
NEWPORT NEWS	163082	6	3.68	1	0.61	1	0.61
NORFOLK	273935	27	9.86	341	124.48	0	0.00
PETERSBURG	39573	6	15.16	0	0.00	0	0.00
PORTSMOUTH	113780	12	10.55	0	0.00	1	0.88
RADFORD	14225	1	7.03	0	0.00	0	0.00
RICHMOND CITY	214790	23	10.71	0	0.00	2	0.93
ROANOKE CITY	100027	5	5.00	0	0.00	0	0.00
SALEM	24723	2	8.09	4	16.18	0	0.00
SUFFOLK	54723	5	9.14	0	0.00	0	0.00
VIRGINIA BEACH	352564	4	1.13	57	16.17	2	0.57
WAYNESBORO	18541	2	10.79	0	0.00	0	0.00
WILLIAMSBURG	11286	0	0.00	0	0.00	0	0.00

DISTRICT	PROJECTED 1989 POPULATION	HEPATITIS UNSPECIFIED		INFLUENZA		KAWASAKI SYNDROME	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
CENTRAL SHENANDOAH	222443	10	4.50	10	4.50	0	0.00
LORD FAIRFAX	148616	3	2.02	281	189.08	1	0.67
RAPPAHANNOCK	153999	2	1.30	0	0.00	0	0.00
RAPPAHANNOCK/RAPIDAN	107501	3	2.79	1	0.93	0	0.00
THOMAS JEFFERSON	163323	31	18.98	27	16.53	0	0.00
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ALEXANDRIA	109054	8	7.34	0	0.00	1	0.92
ARLINGTON	155933	7	4.49	0	0.00	1	0.64
FAIRFAX	753792	17	2.26	101	13.40	5	0.66
LOUDOUN	71357	0	0.00	0	0.00	0	0.00
PRINCE WILLIAM	215314	1	0.46	4	1.86	2	0.93
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ALLEGHANY	162617	3	1.84	7	4.30	0	0.00
CENTRAL VIRGINIA	213380	2	0.94	146	68.42	1	0.47
CUMBERLAND PLATEAU	150017	0	0.00	157	104.65	0	0.00
PITTSYLVANIA/DANVILLE	113512	0	0.00	0	0.00	0	0.00
WEST PIEDMONT	134969	3	2.22	10	7.41	1	0.74
LENOWISCO	108168	2	1.85	302	279.20	0	0.00
MOUNT ROGERS	190321	1	0.53	238	125.05	0	0.00
NEW RIVER	151582	6	3.96	0	0.00	0	0.00
ROANOKE CITY	100027	5	5.00	0	0.00	0	0.00
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CHESTERFIELD	229148	4	1.75	40	17.46	2	0.87
CRATER	146342	7	4.78	1	0.68	0	0.00
HANOVER	91373	2	2.19	25	27.36	0	0.00
HENRICO	205273	8	3.90	334	162.71	1	0.49
PIEDMONT	87236	9	10.32	18	20.63	0	0.00
RICHMOND CITY	214790	23	10.71	0	0.00	2	0.93
SOUTHSIDE	84522	2	2.37	0	0.00	0	0.00
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CHESAPEAKE	140151	12	8.56	1	0.71	1	0.71
EASTERN SHORE	47082	1	2.12	0	0.00	0	0.00
HAMPTON	128094	4	3.12	6	4.68	1	0.78
MIDDLE PENINSULA	73961	1	1.35	0	0.00	0	0.00
NORFOLK	273935	27	9.86	341	124.48	0	0.00
NORTHERN NECK	44078	2	4.54	0	0.00	0	0.00
PENINSULA	258979	6	2.32	1	0.39	1	0.39
PORTSMOUTH	113780	12	10.55	0	0.00	1	0.88
WESTERN TIDEWATER	105298	9	8.55	0	0.00	0	0.00
VIRGINIA BEACH	352564	4	1.13	57	16.17	2	0.57
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REGION							
-----							
NORTHWEST	795882	49	6.16	319	40.08	1	0.13
NORTH	1305450	33	2.53	105	8.04	9	0.69
SOUTHWEST	1324593	22	1.66	860	64.93	2	0.15
CENTRAL	1058684	55	5.20	418	39.48	5	0.47
EAST	1537922	78	5.07	406	26.40	6	0.39

COUNTY/CITY	PROJECTED 1989 POPULATION	LEGIONELLOSIS		LYME DISEASE		MALARIA	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
TOTAL	6022531	13	0.22	54	0.90	47	0.78
ACCOMACK	32293	0	0.00	15	46.45	0	0.00
ALBEMARLE, CHARLOTTESVILLE	109467	0	0.00	0	0.00	3	2.74
ALLEGHANY, COVINGTON	22422	0	0.00	0	0.00	0	0.00
AMELIA	9125	0	0.00	0	0.00	0	0.00
AMHERST	30184	0	0.00	0	0.00	0	0.00
APPOMATTOX	13170	0	0.00	0	0.00	1	7.59
ARLINGTON	155933	0	0.00	1	0.64	9	5.77
AUGUSTA, STAUNTON	77046	0	0.00	0	0.00	0	0.00
BATH	5537	0	0.00	0	0.00	0	0.00
BEDFORD CITY, COUNTY	49635	0	0.00	1	2.01	0	0.00
BLAND	7026	0	0.00	0	0.00	0	0.00
BOTETOURT	25639	0	0.00	0	0.00	0	0.00
BRUNSWICK	16238	0	0.00	0	0.00	0	0.00
BUCHANAN	39894	1	2.51	0	0.00	0	0.00
BUCKINGHAM	12523	0	0.00	0	0.00	0	0.00
CAMPBELL	49994	0	0.00	0	0.00	0	0.00
CAROLINE	20337	1	4.92	1	4.92	0	0.00
CARROLL	29014	0	0.00	0	0.00	0	0.00
CHARLES CITY	6871	0	0.00	0	0.00	0	0.00
CHARLOTTE	11492	0	0.00	0	0.00	0	0.00
CHESTERFIELD	195945	0	0.00	3	1.53	0	0.00
CLARKE	10803	0	0.00	0	0.00	0	0.00
CRAIG	4354	0	0.00	0	0.00	0	0.00
CULPEPER	25120	0	0.00	0	0.00	0	0.00
CUMBERLAND	8539	0	0.00	0	0.00	0	0.00
DICKENSON	21606	0	0.00	0	0.00	0	0.00
DINWIDDIE	21527	0	0.00	0	0.00	0	0.00
ESSEX	9256	0	0.00	0	0.00	0	0.00
FAIRFAX CITY/CO/FALLS CH	753792	1	0.13	2	0.27	13	1.72
FAUQUIER	44364	0	0.00	0	0.00	0	0.00
FLOYD	12576	0	0.00	0	0.00	0	0.00
FLUVANNA	11559	0	0.00	0	0.00	0	0.00
FRANKLIN COUNTY	39392	0	0.00	0	0.00	0	0.00
FREDERICK, WINCHESTER	61605	1	1.62	0	0.00	1	1.62
GILES	18349	0	0.00	0	0.00	0	0.00
GLOUCESTER	29012	0	0.00	2	6.89	0	0.00
GOOCHLAND	13597	0	0.00	0	0.00	0	0.00
GRAYSON	17235	0	0.00	0	0.00	0	0.00
GREENE	9498	0	0.00	0	0.00	0	0.00
GREENSVILLE, EMPORIA	15441	0	0.00	1	6.48	0	0.00
HALIFAX, SOUTH BOSTON	38248	0	0.00	0	0.00	0	0.00
HANOVER	59494	0	0.00	1	1.68	0	0.00
HENRICO	205273	0	0.00	0	0.00	0	0.00
HENRY, MARTINSVILLE	77249	0	0.00	0	0.00	2	2.59
HIGHLAND	3176	0	0.00	0	0.00	0	0.00
ISLE OF WIGHT	24208	0	0.00	0	0.00	0	0.00
JAMES CITY	30047	0	0.00	1	3.33	0	0.00

COUNTY/CITY	PROJECTED 1989 POPULATION	LEGIONELLOSIS		LYME DISEASE		MALARIA	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
KING GEORGE	12579	0	0.00	0	0.00	0	0.00
KING & QUEEN	6623	0	0.00	0	0.00	0	0.00
KING WILLIAM	10832	0	0.00	0	0.00	0	0.00
LANCASTER	11815	0	0.00	0	0.00	0	0.00
LEE	28608	1	3.50	0	0.00	0	0.00
LOUDOUN	71357	0	0.00	0	0.00	1	1.40
LOUISA	20233	0	0.00	1	4.94	0	0.00
LUNENBURG	12287	0	0.00	0	0.00	0	0.00
MADISON	11110	0	0.00	0	0.00	0	0.00
MATHEWS	9362	0	0.00	0	0.00	0	0.00
MECKLENBURG	30036	0	0.00	1	3.33	0	0.00
MIDDLESEX	8876	0	0.00	0	0.00	0	0.00
MONTGOMERY	69785	0	0.00	0	0.00	0	0.00
NELSON	12566	0	0.00	0	0.00	0	0.00
NEW KENT	11411	0	0.00	0	0.00	0	0.00
NORTHAMPTON	14789	0	0.00	2	13.52	0	0.00
NORTHUMBERLAND	10353	0	0.00	0	0.00	0	0.00
NOTTOWAY	15059	0	0.00	0	0.00	0	0.00
ORANGE	20626	0	0.00	0	0.00	0	0.00
PAGE	21206	0	0.00	0	0.00	0	0.00
PATRICK	18328	0	0.00	0	0.00	0	0.00
PITTSYLVANIA	68536	0	0.00	0	0.00	0	0.00
POWHATAN	15711	0	0.00	0	0.00	0	0.00
PRINCE EDWARD	18211	0	0.00	0	0.00	0	0.00
PRINCE GEORGE	28676	0	0.00	0	0.00	0	0.00
PR WILLIAM/MANASSAS/M PARK	215314	0	0.00	0	0.00	3	1.39
PULASKI	36647	0	0.00	0	0.00	0	0.00
RAPPAHANNOCK	6281	0	0.00	0	0.00	0	0.00
RICHMOND COUNTY	7358	0	0.00	0	0.00	0	0.00
ROANOKE COUNTY	80284	1	1.25	0	0.00	0	0.00
ROCKBRIDGE, LEXINGTON	25633	0	0.00	0	0.00	0	0.00
ROCKINGHAM, HARRISONBURG	85519	0	0.00	0	0.00	1	1.17
RUSSELL	34504	1	2.90	0	0.00	0	0.00
SCOTT	26092	0	0.00	0	0.00	0	0.00
SHENANDOAH	30654	0	0.00	0	0.00	0	0.00
SMYTH	34484	0	0.00	0	0.00	0	0.00
SOUTHAMPTON	18374	0	0.00	0	0.00	0	0.00
SPOTSYLVANIA	45505	0	0.00	0	0.00	0	0.00
STAFFORD	55075	0	0.00	0	0.00	0	0.00
SURRY	6366	0	0.00	0	0.00	0	0.00
SUSSEX	10007	0	0.00	0	0.00	0	0.00
TAZEWELL	54013	0	0.00	0	0.00	0	0.00
WARREN	24348	0	0.00	0	0.00	0	0.00
WASHINGTON	50101	1	2.00	0	0.00	0	0.00
WESTMORELAND	14552	0	0.00	0	0.00	0	0.00
WISE, NORTON	53468	0	0.00	0	0.00	1	1.87
WYTHE	26949	0	0.00	0	0.00	0	0.00
YORK, POQUOSON	54564	0	0.00	4	7.33	1	1.83

COUNTY/CITY	PROJECTED 1989 POPULATION	LEGIONELLOSIS		LYME DISEASE		MALARIA	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
ALEXANDRIA	109054	0	0.00	0	0.00	6	5.50
BRISTOL	18377	0	0.00	0	0.00	0	0.00
BUENA VISTA	6991	0	0.00	0	0.00	0	0.00
CHESAPEAKE	140151	0	0.00	2	1.43	0	0.00
CLIFTON FORGE	5195	0	0.00	0	0.00	0	0.00
COLONIAL HEIGHTS	17492	0	0.00	0	0.00	0	0.00
DANVILLE	44976	1	2.22	0	0.00	0	0.00
FRANKLIN CITY	7993	0	0.00	0	0.00	0	0.00
FREDERICKSBURG	20503	2	9.75	0	0.00	0	0.00
GALAX	7135	0	0.00	0	0.00	0	0.00
HAMPTON	128094	0	0.00	0	0.00	0	0.00
HOPEWELL	24752	0	0.00	0	0.00	0	0.00
LYNCHBURG	70397	0	0.00	0	0.00	1	1.42
NEWPORT NEWS	163082	0	0.00	3	1.84	0	0.00
NORFOLK	273935	0	0.00	2	0.73	2	0.73
PETERSBURG	39573	0	0.00	0	0.00	0	0.00
PORTSMOUTH	113780	0	0.00	0	0.00	0	0.00
RADFORD	14225	0	0.00	0	0.00	0	0.00
RICHMOND CITY	214790	1	0.47	0	0.00	0	0.00
ROANOKE CITY	100027	1	1.00	1	1.00	1	1.00
SALEM	24723	0	0.00	0	0.00	0	0.00
SUFFOLK	54723	0	0.00	2	3.65	0	0.00
VIRGINIA BEACH	352564	0	0.00	6	1.70	1	0.28
WAYNESBORO	18541	0	0.00	0	0.00	0	0.00
WILLIAMSBURG	11286	0	0.00	2	17.72	0	0.00



DISTRICT	PROJECTED 1989 POPULATION	LEGIONELLOSIS		LYME DISEASE		MALARIA	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
-----							
CENTRAL SHENANDOAH	222443	0	0.00	0	0.00	1	0.45
LORD FAIRFAX	148616	1	0.67	0	0.00	1	0.67
RAPPAHANNOCK	153999	3	1.95	1	0.65	0	0.00
RAPPAHANNOCK/RAPIDAN	107501	0	0.00	0	0.00	0	0.00
THOMAS JEFFERSON	163323	0	0.00	1	0.61	3	1.84
-----							
ALEXANDRIA	109054	0	0.00	0	0.00	6	5.50
ARLINGTON	155933	0	0.00	1	0.64	9	5.77
FAIRFAX	753792	1	0.13	2	0.27	13	1.72
LOUDOUN	71357	0	0.00	0	0.00	1	1.40
PRINCE WILLIAM	215314	0	0.00	0	0.00	3	1.39
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ALLEGHANY	162617	1	0.61	0	0.00	0	0.00
CENTRAL VIRGINIA	213380	0	0.00	1	0.47	2	0.94
CUMBERLAND PLATEAU	150017	2	1.33	0	0.00	0	0.00
PITTSYLVANIA/DANVILLE	113512	1	0.88	0	0.00	0	0.00
WEST PIEDMONT	134969	0	0.00	0	0.00	2	1.48
LENOWISCO	108168	1	0.92	0	0.00	1	0.92
MOUNT ROGERS	190321	1	0.53	0	0.00	0	0.00
NEW RIVER	151582	0	0.00	0	0.00	0	0.00
ROANOKE CITY	100027	1	1.00	1	1.00	1	1.00
-----							
CHESTERFIELD	229148	0	0.00	3	1.31	0	0.00
CRATER	146342	0	0.00	1	0.68	0	0.00
HANOVER	91373	0	0.00	1	1.09	0	0.00
HENRICO	205273	0	0.00	0	0.00	0	0.00
PIEDMONT	87236	0	0.00	0	0.00	0	0.00
RICHMOND CITY	214790	1	0.47	0	0.00	0	0.00
SOUTHSIDE	84522	0	0.00	1	1.18	0	0.00
-----							
CHESAPEAKE	140151	0	0.00	2	1.43	0	0.00
EASTERN SHORE	47082	0	0.00	17	36.11	0	0.00
HAMPTON	128094	0	0.00	0	0.00	0	0.00
MIDDLE PENINSULA	73961	0	0.00	2	2.70	0	0.00
NORFOLK	273935	0	0.00	2	0.73	2	0.73
NORTHERN NECK	44078	0	0.00	0	0.00	0	0.00
PENINSULA	258979	0	0.00	10	3.86	1	0.39
PORTSMOUTH	113780	0	0.00	0	0.00	0	0.00
WESTERN TIDEWATER	105298	0	0.00	2	1.90	0	0.00
VIRGINIA BEACH	352564	0	0.00	6	1.70	1	0.28
-----							
REGION							
-----							
NORTHWEST	795882	4	0.50	2	0.25	5	0.63
NORTH	1305450	1	0.08	3	0.23	32	2.45
SOUTHWEST	1324593	7	0.53	2	0.15	6	0.45
CENTRAL	1058684	1	0.09	6	0.57	0	0.00
EAST	1537922	0	0.00	41	2.67	4	0.26

COUNTY/CITY	PROJECTED 1989 POPULATION	MEASLES		MENINGOCOCCAL INFECTIONS		MUMPS	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
TOTAL	6022531	22	0.37	73	1.21	125	2.08
ACCOMACK	32293	0	0.00	0	0.00	2	6.19
ALBEMARLE, CHARLOTTESVILLE	109467	4	3.65	2	1.83	2	1.83
ALLEGHANY, COVINGTON	22422	0	0.00	0	0.00	0	0.00
AMELIA	9125	0	0.00	0	0.00	0	0.00
AMHERST	30184	0	0.00	2	6.63	1	3.31
APPOMATTOX	13170	0	0.00	0	0.00	1	7.59
ARLINGTON	155933	0	0.00	0	0.00	6	3.85
AUGUSTA, STAUNTON	77046	0	0.00	4	5.19	0	0.00
BATH	5537	0	0.00	0	0.00	0	0.00
BEDFORD CITY, COUNTY	49635	0	0.00	1	2.01	1	2.01
BLAND	7026	0	0.00	0	0.00	0	0.00
BOTETOURT	25639	0	0.00	1	3.90	1	3.90
BRUNSWICK	16238	0	0.00	0	0.00	0	0.00
BUCHANAN	39894	0	0.00	0	0.00	2	5.01
BUCKINGHAM	12523	1	7.99	1	7.99	0	0.00
CAMPBELL	49994	0	0.00	0	0.00	0	0.00
CAROLINE	20337	0	0.00	0	0.00	0	0.00
CARROLL	29014	0	0.00	0	0.00	0	0.00
CHARLES CITY	6871	0	0.00	0	0.00	0	0.00
CHARLOTTE	11492	0	0.00	0	0.00	1	8.70
CHESTERFIELD	195945	0	0.00	2	1.02	1	0.51
CLARKE	10803	0	0.00	0	0.00	0	0.00
CRAIG	4354	0	0.00	0	0.00	0	0.00
CULPEPER	25120	0	0.00	1	3.98	0	0.00
CUMBERLAND	8539	0	0.00	0	0.00	0	0.00
DICKENSON	21606	0	0.00	0	0.00	0	0.00
DINWIDDIE	21527	0	0.00	0	0.00	0	0.00
ESSEX	9256	0	0.00	0	0.00	0	0.00
FAIRFAX CITY/CO/FALLS CH	753792	0	0.00	5	0.66	19	2.52
FAUQUIER	44364	0	0.00	0	0.00	0	0.00
FLOYD	12576	0	0.00	0	0.00	0	0.00
FLUVANNA	11559	0	0.00	0	0.00	0	0.00
FRANKLIN COUNTY	39392	0	0.00	0	0.00	0	0.00
FREDERICK, WINCHESTER	61605	0	0.00	0	0.00	0	0.00
GILES	18349	0	0.00	0	0.00	0	0.00
GLOUCESTER	29012	0	0.00	0	0.00	0	0.00
GOOCHLAND	13597	0	0.00	0	0.00	0	0.00
GRAYSON	17235	0	0.00	0	0.00	0	0.00
GREENE	9498	0	0.00	0	0.00	0	0.00
GREENSVILLE, EMPORIA	15441	0	0.00	0	0.00	0	0.00
HALIFAX, SOUTH BOSTON	38248	0	0.00	1	2.61	0	0.00
HANOVER	59494	1	1.68	1	1.68	0	0.00
HENRICO	205273	0	0.00	2	0.97	0	0.00
HENRY, MARTINSVILLE	77249	0	0.00	0	0.00	0	0.00
HIGHLAND	3176	0	0.00	0	0.00	0	0.00
ISLE OF WIGHT	24208	0	0.00	0	0.00	0	0.00
JAMES CITY	30047	0	0.00	1	3.33	0	0.00

COUNTY/CITY	PROJECTED 1989 POPULATION	MEASLES		MENINGOCOCCAL INFECTIONS		MUMPS	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
KING GEORGE	12579	0	0.00	0	0.00	0	0.00
KING & QUEEN	6623	0	0.00	0	0.00	0	0.00
KING WILLIAM	10832	0	0.00	0	0.00	0	0.00
LANCASTER	11815	0	0.00	0	0.00	0	0.00
LEE	28608	0	0.00	0	0.00	0	0.00
LOUDOUN	71357	0	0.00	0	0.00	0	0.00
LOUISA	20233	0	0.00	1	4.94	0	0.00
LUNENBURG	12287	0	0.00	1	8.14	0	0.00
MADISON	11110	0	0.00	0	0.00	0	0.00
MATHEWS	9362	0	0.00	1	10.68	0	0.00
MECKLENBURG	30036	0	0.00	0	0.00	0	0.00
MIDDLESEX	8876	0	0.00	0	0.00	0	0.00
MONTGOMERY	69785	0	0.00	2	2.87	1	1.43
NELSON	12566	0	0.00	0	0.00	0	0.00
NEW KENT	11411	0	0.00	0	0.00	0	0.00
NORTHAMPTON	14789	0	0.00	0	0.00	0	0.00
NORTHUMBERLAND	10353	0	0.00	0	0.00	0	0.00
NOTTOWAY	15059	0	0.00	0	0.00	1	6.64
ORANGE	20626	0	0.00	0	0.00	0	0.00
PAGE	21206	0	0.00	0	0.00	0	0.00
PATRICK	18328	0	0.00	1	5.46	1	5.46
PITTSYLVANIA	68536	0	0.00	0	0.00	2	2.92
POWHATAN	15711	0	0.00	0	0.00	0	0.00
PRINCE EDWARD	18211	0	0.00	0	0.00	3	16.47
PRINCE GEORGE	28676	0	0.00	1	3.49	0	0.00
PR WILLIAM/MANASSAS/M PARK	215314	0	0.00	5	2.32	5	2.32
PULASKI	36647	0	0.00	0	0.00	0	0.00
RAPPAHANNOCK	6281	0	0.00	0	0.00	0	0.00
RICHMOND COUNTY	7358	0	0.00	0	0.00	0	0.00
ROANOKE COUNTY	80284	0	0.00	2	2.49	0	0.00
ROCKBRIDGE, LEXINGTON	25633	0	0.00	0	0.00	0	0.00
ROCKINGHAM, HARRISONBURG	85519	0	0.00	4	4.68	0	0.00
RUSSELL	34504	0	0.00	0	0.00	1	2.90
SCOTT	26092	0	0.00	0	0.00	0	0.00
SHENANDOAH	30654	0	0.00	2	6.52	0	0.00
SMYTH	34484	0	0.00	1	2.90	0	0.00
SOUTHAMPTON	18374	0	0.00	0	0.00	0	0.00
SPOTSYLVANIA	45505	0	0.00	0	0.00	0	0.00
STAFFORD	55075	0	0.00	0	0.00	1	1.82
SURRY	6366	0	0.00	0	0.00	0	0.00
SUSSEX	10007	0	0.00	0	0.00	0	0.00
TAZEWELL	54013	0	0.00	0	0.00	0	0.00
WARREN	24348	0	0.00	1	4.11	1	4.11
WASHINGTON	50101	0	0.00	1	2.00	2	3.99
WESTMORELAND	14552	0	0.00	0	0.00	0	0.00
WISE, NORTON	53468	0	0.00	0	0.00	0	0.00
WYTHE	26949	0	0.00	0	0.00	0	0.00
YORK, POQUOSON	54564	0	0.00	0	0.00	0	0.00

COUNTY/CITY	PROJECTED 1989 POPULATION	MEASLES		MENINGOCOCCAL INFECTIONS		MUMPS	
		REPORTED	RATE PER	REPORTED	RATE PER	REPORTED	RATE PER
		CASES	100,000	CASES	100,000	CASES	100,000
ALEXANDRIA	109054	1	0.92	1	0.92	23	21.09
BRISTOL	18377	0	0.00	0	0.00	0	0.00
BUENA VISTA	6991	0	0.00	0	0.00	0	0.00
CHESAPEAKE	140151	0	0.00	0	0.00	0	0.00
CLIFTON FORGE	5195	0	0.00	0	0.00	0	0.00
COLONIAL HEIGHTS	17492	0	0.00	1	5.72	0	0.00
DANVILLE	44976	0	0.00	1	2.22	7	15.56
FRANKLIN CITY	7993	0	0.00	0	0.00	0	0.00
FREDERICKSBURG	20503	0	0.00	0	0.00	0	0.00
GALAX	7135	0	0.00	0	0.00	0	0.00
HAMPTON	128094	10	7.81	1	0.78	0	0.00
HOPEWELL	24752	0	0.00	0	0.00	0	0.00
LYNCHBURG	70397	0	0.00	2	2.84	25	35.51
NEWPORT NEWS	163082	0	0.00	1	0.61	1	0.61
NORFOLK	273935	0	0.00	5	1.83	2	0.73
PETERSBURG	39573	0	0.00	1	2.53	0	0.00
PORTSMOUTH	113780	0	0.00	2	1.76	0	0.00
RADFORD	14225	0	0.00	0	0.00	0	0.00
RICHMOND CITY	214790	3	1.40	4	1.86	0	0.00
ROANOKE CITY	100027	2	2.00	2	2.00	1	1.00
SALEM	24723	0	0.00	0	0.00	0	0.00
SUFFOLK	54723	0	0.00	1	1.83	1	1.83
VIRGINIA BEACH	352564	0	0.00	4	1.13	9	2.55
WAYNESBORO	18541	0	0.00	0	0.00	0	0.00
WILLIAMSBURG	11286	0	0.00	0	0.00	1	8.86

DISTRICT	PROJECTED 1989 POPULATION	MEASLES		MENINGOCOCCAL INFECTIONS		MUMPS	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
-----							
CENTRAL SHENANDOAH	222443	0	0.00	8	3.60	0	0.00
LORD FAIRFAX	148616	0	0.00	3	2.02	1	0.67
RAPPAHANNOCK	153999	0	0.00	0	0.00	1	0.65
RAPPAHANNOCK/RAPIDAN	107501	0	0.00	1	0.93	0	0.00
THOMAS JEFFERSON	163323	4	2.45	3	1.84	2	1.22
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ALEXANDRIA	109054	1	0.92	1	0.92	23	21.09
ARLINGTON	155933	0	0.00	0	0.00	6	3.85
FAIRFAX	753792	0	0.00	5	0.66	19	2.52
LOUDOUN	71357	0	0.00	0	0.00	0	0.00
PRINCE WILLIAM	215314	0	0.00	5	2.32	5	2.32
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ALLEGHANY	162617	0	0.00	3	1.84	1	0.61
CENTRAL VIRGINIA	213380	0	0.00	5	2.34	28	13.12
CUMBERLAND PLATEAU	150017	0	0.00	0	0.00	3	2.00
PITTSYLVANIA/DANVILLE	113512	0	0.00	1	0.88	9	7.93
WEST PIEDMONT	134969	0	0.00	1	0.74	1	0.74
LENOWISCO	108168	0	0.00	0	0.00	0	0.00
MOUNT ROGERS	190321	0	0.00	2	1.05	2	1.05
NEW RIVER	151582	0	0.00	2	1.32	1	0.66
ROANOKE CITY	100027	2	2.00	2	2.00	1	1.00
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CHESTERFIELD	229148	0	0.00	3	1.31	1	0.44
CRATER	146342	0	0.00	2	1.37	0	0.00
HANOVER	91373	1	1.09	1	1.09	0	0.00
HENRICO	205273	0	0.00	2	0.97	0	0.00
PIEDMONT	87236	1	1.15	2	2.29	5	5.73
RICHMOND CITY	214790	3	1.40	4	1.86	0	0.00
SOUTHSIDE	84522	0	0.00	1	1.18	0	0.00
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CHESAPEAKE	140151	0	0.00	0	0.00	0	0.00
EASTERN SHORE	47082	0	0.00	0	0.00	2	4.25
HAMPTON	128094	10	7.81	1	0.78	0	0.00
MIDDLE PENINSULA	73961	0	0.00	1	1.35	0	0.00
NORFOLK	273935	0	0.00	5	1.83	2	0.73
NORTHERN NECK	44078	0	0.00	0	0.00	0	0.00
PENINSULA	258979	0	0.00	2	0.77	2	0.77
PORTSMOUTH	113780	0	0.00	2	1.76	0	0.00
WESTERN TIDEWATER	105298	0	0.00	1	0.95	1	0.95
VIRGINIA BEACH	352564	0	0.00	4	1.13	9	2.55
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REGION							
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NORTHWEST	795882	4	0.50	15	1.88	4	0.50
NORTH	1305450	1	0.08	11	0.84	53	4.06
SOUTHWEST	1324593	2	0.15	16	1.21	46	3.47
CENTRAL	1058684	5	0.47	15	1.42	6	0.57
EAST	1537922	10	0.65	16	1.04	16	1.04

COUNTY/CITY	PROJECTED 1989 POPULATION	PERTUSSIS		ROCKY MOUNTAIN SPOTTED FEVER		SALMONELLOSIS	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
TOTAL	6022531	37	0.61	18	0.30	1452	24.11
ACCOMACK	32293	0	0.00	0	0.00	7	21.68
ALBEMARLE, CHARLOTTESVILLE	109467	2	1.83	1	0.91	41	37.45
ALLEGHANY, COVINGTON	22422	0	0.00	0	0.00	1	4.46
AMELIA	9125	0	0.00	0	0.00	3	32.88
AMHERST	30184	0	0.00	0	0.00	7	23.19
APPOMATTOX	13170	0	0.00	0	0.00	0	0.00
ARLINGTON	155933	0	0.00	0	0.00	36	23.09
AUGUSTA, STAUNTON	77046	0	0.00	0	0.00	15	19.47
BATH	5537	0	0.00	0	0.00	2	36.12
BEDFORD CITY, COUNTY	49635	1	2.01	0	0.00	13	26.19
BLAND	7026	0	0.00	0	0.00	1	14.23
BOTETOURT	25639	0	0.00	0	0.00	5	19.50
BRUNSWICK	16238	0	0.00	0	0.00	0	0.00
BUCHANAN	39894	1	2.51	0	0.00	3	7.52
BUCKINGHAM	12523	0	0.00	0	0.00	4	31.94
CAMPBELL	49994	0	0.00	0	0.00	1	2.00
CAROLINE	20337	0	0.00	0	0.00	2	9.83
CARROLL	29014	0	0.00	0	0.00	1	3.45
CHARLES CITY	6871	0	0.00	0	0.00	4	58.22
CHARLOTTE	11492	0	0.00	0	0.00	8	69.61
CHESTERFIELD	195945	0	0.00	0	0.00	52	26.54
CLARKE	10803	0	0.00	1	9.26	0	0.00
CRAIG	4354	0	0.00	0	0.00	1	22.97
CULPEPER	25120	0	0.00	0	0.00	8	31.85
CUMBERLAND	8539	0	0.00	0	0.00	3	35.13
DICKENSON	21606	0	0.00	0	0.00	7	32.40
DINWIDDIE	21527	0	0.00	0	0.00	7	32.52
ESSEX	9256	0	0.00	0	0.00	6	64.82
FAIRFAX CITY/CO/FALLS CH	753792	1	0.13	3	0.40	182	24.14
FAUQUIER	44364	0	0.00	0	0.00	7	15.78
FLOYD	12576	0	0.00	0	0.00	0	0.00
FLUVANNA	11559	0	0.00	1	8.65	3	25.95
FRANKLIN COUNTY	39392	0	0.00	1	2.54	4	10.15
FREDERICK, WINCHESTER	61605	0	0.00	1	1.62	12	19.48
GILES	18349	0	0.00	0	0.00	4	21.80
GLOUCESTER	29012	0	0.00	0	0.00	7	24.13
GOOCHLAND	13597	0	0.00	0	0.00	3	22.06
GRAYSON	17235	0	0.00	0	0.00	2	11.60
GREENE	9498	0	0.00	0	0.00	5	52.64
GREENSVILLE, EMPORIA	15441	0	0.00	0	0.00	1	6.48
HALIFAX, SOUTH BOSTON	38248	0	0.00	2	5.23	12	31.37
HANOVER	59494	2	3.36	0	0.00	20	33.62
HENRICO	205273	0	0.00	1	0.49	42	20.46
HENRY, MARTINSVILLE	77249	0	0.00	0	0.00	20	25.89
HIGHLAND	3176	0	0.00	0	0.00	0	0.00
ISLE OF WIGHT	24208	0	0.00	0	0.00	14	57.83
JAMES CITY	30047	0	0.00	0	0.00	1	3.33

COUNTY/CITY	PROJECTED 1989 POPULATION	PERTUSSIS		ROCKY MOUNTAIN SPOTTED FEVER		SALMONELLOSIS	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
KING GEORGE	12579	0	0.00	0	0.00	1	7.95
KING & QUEEN	6623	0	0.00	0	0.00	1	15.10
KING WILLIAM	10832	0	0.00	0	0.00	5	46.16
LANCASTER	11815	0	0.00	0	0.00	5	42.32
LEE	28608	0	0.00	0	0.00	8	27.96
LOUDOUN	71357	0	0.00	0	0.00	15	21.02
LOUISA	20233	0	0.00	0	0.00	8	39.54
LUNENBURG	12287	0	0.00	0	0.00	3	24.42
MADISON	11110	0	0.00	0	0.00	4	36.00
MATHEWS	9362	0	0.00	0	0.00	1	10.68
MECKLENBURG	30036	0	0.00	1	3.33	5	16.65
MIDDLESEX	8876	0	0.00	0	0.00	0	0.00
MONTGOMERY	69785	0	0.00	0	0.00	11	15.76
NELSON	12566	12	95.50	0	0.00	2	15.92
NEW KENT	11411	1	8.76	0	0.00	2	17.53
NORTHAMPTON	14789	0	0.00	0	0.00	9	60.86
NORTHUMBERLAND	10353	0	0.00	0	0.00	1	9.66
NOTTOWAY	15059	0	0.00	0	0.00	7	46.48
ORANGE	20626	0	0.00	1	4.85	6	29.09
PAGE	21206	0	0.00	0	0.00	4	18.86
PATRICK	18328	0	0.00	0	0.00	4	21.82
PITTSYLVANIA	68536	0	0.00	0	0.00	8	11.67
POWHATAN	15711	0	0.00	0	0.00	1	6.36
PRINCE EDWARD	18211	0	0.00	2	10.98	7	38.44
PRINCE GEORGE	28676	0	0.00	0	0.00	5	17.44
PR WILLIAM/MANASSAS/M PARK	215314	1	0.46	0	0.00	53	24.62
PULASKI	36647	0	0.00	1	2.73	7	19.10
RAPPAHANNOCK	6281	0	0.00	0	0.00	0	0.00
RICHMOND COUNTY	7358	0	0.00	0	0.00	2	27.18
ROANOKE COUNTY	80284	0	0.00	0	0.00	6	7.47
ROCKBRIDGE, LEXINGTON	25633	0	0.00	0	0.00	4	15.60
ROCKINGHAM, HARRISONBURG	85519	2	2.34	0	0.00	21	24.56
RUSSELL	34504	1	2.90	0	0.00	3	8.69
SCOTT	26092	0	0.00	0	0.00	3	11.50
SHENANDOAH	30654	0	0.00	0	0.00	7	22.84
SMYTH	34484	0	0.00	0	0.00	4	11.60
SOUTHAMPTON	18374	0	0.00	0	0.00	6	32.65
SPOTSYLVANIA	45505	0	0.00	0	0.00	2	4.40
STAFFORD	55075	0	0.00	0	0.00	3	5.45
SURRY	6366	0	0.00	0	0.00	3	47.13
SUSSEX	10007	0	0.00	0	0.00	3	29.98
TAZEWELL	54013	0	0.00	0	0.00	14	25.92
WARREN	24348	1	4.11	0	0.00	4	16.43
WASHINGTON	50101	0	0.00	0	0.00	10	19.96
WESTMORELAND	14552	0	0.00	0	0.00	1	6.87
WISE, NORTON	53468	2	3.74	0	0.00	9	16.83
WYTHE	26949	0	0.00	0	0.00	1	3.71
YORK, POQUOSON	54564	0	0.00	0	0.00	3	5.50

COUNTY/CITY	PROJECTED 1989 POPULATION	PERTUSSIS		ROCKY MOUNTAIN SPOTTED FEVER		SALMONELLOSIS	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
ALEXANDRIA	109054	2	1.83	0	0.00	33	30.26
BRISTOL	18377	1	5.44	0	0.00	5	27.21
BUENA VISTA	6991	0	0.00	0	0.00	1	14.30
CHESAPEAKE	140151	0	0.00	0	0.00	27	19.26
CLIFTON FORGE	5195	0	0.00	0	0.00	0	0.00
COLONIAL HEIGHTS	17492	0	0.00	0	0.00	5	28.58
DANVILLE	44976	1	2.22	0	0.00	20	44.47
FRANKLIN CITY	7993	0	0.00	0	0.00	3	37.53
FREDERICKSBURG	20503	0	0.00	0	0.00	15	73.16
GALAX	7135	0	0.00	0	0.00	1	14.02
HAMPTON	128094	0	0.00	0	0.00	16	12.49
HOPEWELL	24752	0	0.00	0	0.00	6	24.24
LYNCHBURG	70397	1	1.42	0	0.00	24	34.09
NEWPORT NEWS	163082	0	0.00	1	0.61	69	42.31
NORFOLK	273935	0	0.00	0	0.00	60	21.90
PETERSBURG	39573	0	0.00	0	0.00	16	40.43
PORTSMOUTH	113780	0	0.00	0	0.00	21	18.46
RADFORD	14225	0	0.00	0	0.00	4	28.12
RICHMOND CITY	214790	1	0.47	0	0.00	121	56.33
ROANOKE CITY	100027	0	0.00	1	1.00	21	20.99
SALEM	24723	0	0.00	0	0.00	7	28.31
SUFFOLK	54723	0	0.00	0	0.00	24	43.86
VIRGINIA BEACH	352564	3	0.85	0	0.00	59	16.73
WAYNESBORO	18541	1	5.39	0	0.00	4	21.57
WILLIAMSBURG	11286	0	0.00	0	0.00	21	186.07



DISTRICT	PROJECTED 1989 POPULATION	PERTUSSIS		ROCKY MOUNTAIN SPOTTED FEVER		SALMONELLOSIS	
		REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
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CENTRAL SHENANDOAH	222443	3	1.35	0	0.00	47	21.13
LORD FAIRFAX	148616	1	0.67	2	1.35	27	18.17
RAPPAHANNOCK	153999	0	0.00	0	0.00	23	14.94
RAPPAHANNOCK/RAPIDAN	107501	0	0.00	1	0.93	25	23.26
THOMAS JEFFERSON	163323	14	8.57	2	1.22	59	36.12
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ALEXANDRIA	109054	2	1.83	0	0.00	33	30.26
ARLINGTON	155933	0	0.00	0	0.00	36	23.09
FAIRFAX	753792	1	0.13	3	0.40	182	24.14
LOUDOUN	71357	0	0.00	0	0.00	15	21.02
PRINCE WILLIAM	215314	1	0.46	0	0.00	53	24.62
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ALLEGHANY	162617	0	0.00	0	0.00	20	12.30
CENTRAL VIRGINIA	213380	2	0.94	0	0.00	45	21.09
CUMBERLAND PLATEAU	150017	2	1.33	0	0.00	27	18.00
PITTSYLVANIA/DANVILLE	113512	1	0.88	0	0.00	28	24.67
WEST PIEDMONT	134969	0	0.00	1	0.74	28	20.75
LENOWISCO	108168	2	1.85	0	0.00	20	18.49
MOUNT ROGERS	190321	1	0.53	0	0.00	25	13.14
NEW RIVER	151582	0	0.00	1	0.66	26	17.15
ROANOKE CITY	100027	0	0.00	1	1.00	21	20.99
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CHESTERFIELD	229148	0	0.00	0	0.00	58	25.31
CRATER	146342	0	0.00	0	0.00	41	28.02
HANOVER	91373	3	3.28	0	0.00	29	31.74
HENRICO	205273	0	0.00	1	0.49	42	20.46
PIEDMONT	87236	0	0.00	2	2.29	35	40.12
RICHMOND CITY	214790	1	0.47	0	0.00	121	56.33
SOUTHSIDE	84522	0	0.00	3	3.55	17	20.11
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CHESAPEAKE	140151	0	0.00	0	0.00	27	19.26
EASTERN SHORE	47082	0	0.00	0	0.00	16	33.98
HAMPTON	128094	0	0.00	0	0.00	16	12.49
MIDDLE PENINSULA	73961	0	0.00	0	0.00	20	27.04
NORFOLK	273935	0	0.00	0	0.00	60	21.90
NORTHERN NECK	44078	0	0.00	0	0.00	9	20.42
PENINSULA	258979	0	0.00	1	0.39	94	36.30
PORTSMOUTH	113780	0	0.00	0	0.00	21	18.46
WESTERN TIDEWATER	105298	0	0.00	0	0.00	47	44.64
VIRGINIA BEACH	352564	3	0.85	0	0.00	59	16.73
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REGION							
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NORTHWEST	795882	18	2.26	5	0.63	181	22.74
NORTH	1305450	4	0.31	3	0.23	319	24.44
SOUTHWEST	1324593	8	0.60	3	0.23	240	18.12
CENTRAL	1058684	4	0.38	6	0.57	343	32.40
EAST	1537922	3	0.20	1	0.07	369	23.99

COUNTY/CITY	SHIGELLOSIS			SYPHILIS, EARLY		TUBERCULOSIS	
	PROJECTED 1989 POPULATION	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
TOTAL	6022531	410	6.81	1088	18.07	380	6.31
ACCOMACK	32293	0	0.00	11	34.06	4	12.39
ALBEMARLE, CHARLOTTESVILLE	109467	6	5.48	10	9.14	5	4.57
ALLEGHANY, COVINGTON	22422	0	0.00	0	0.00	1	4.46
AMELIA	9125	0	0.00	1	10.96	1	10.96
AMHERST	30184	1	3.31	3	9.94	0	0.00
APPOMATTOX	13170	0	0.00	2	15.19	0	0.00
ARLINGTON	155933	8	5.13	30	19.24	18	11.54
AUGUSTA, STAUNTON	77046	0	0.00	1	1.30	5	6.49
BATH	5537	0	0.00	0	0.00	2	36.12
BEDFORD CITY, COUNTY	49635	0	0.00	5	10.07	2	4.03
BLAND	7026	0	0.00	0	0.00	0	0.00
BOTETOURT	25639	0	0.00	1	3.90	0	0.00
BRUNSWICK	16238	0	0.00	5	30.79	1	6.16
BUCHANAN	39894	0	0.00	1	2.51	1	2.51
BUCKINGHAM	12523	2	15.97	0	0.00	2	15.97
CAMPBELL	49994	0	0.00	0	0.00	0	0.00
CAROLINE	20337	0	0.00	2	9.83	1	4.92
CARROLL	29014	0	0.00	0	0.00	2	6.89
CHARLES CITY	6871	0	0.00	0	0.00	0	0.00
CHARLOTTE	11492	0	0.00	0	0.00	0	0.00
CHESTERFIELD	195945	12	6.12	15	7.66	14	7.14
CLARKE	10803	0	0.00	0	0.00	0	0.00
CRAIG	4354	0	0.00	0	0.00	0	0.00
CULPEPER	25120	0	0.00	3	11.94	2	7.96
CUMBERLAND	8539	0	0.00	0	0.00	0	0.00
DICKENSON	21606	0	0.00	0	0.00	0	0.00
DINWIDDIE	21527	2	9.29	8	37.16	2	9.29
ESSEX	9256	1	10.80	3	32.41	0	0.00
FAIRFAX CITY/CO/FALLS CH	753792	38	5.04	63	8.36	58	7.69
FAUQUIER	44364	1	2.25	0	0.00	3	6.76
FLOYD	12576	0	0.00	0	0.00	1	7.95
FLUVANNA	11559	7	60.56	0	0.00	0	0.00
FRANKLIN COUNTY	39392	1	2.54	2	5.08	1	2.54
FREDERICK, WINCHESTER	61605	1	1.62	0	0.00	2	3.25
GILES	18349	0	0.00	0	0.00	2	10.90
GLOUCESTER	29012	0	0.00	0	0.00	1	3.45
GOOCHLAND	13597	0	0.00	1	7.35	1	7.35
GRAYSON	17235	0	0.00	0	0.00	0	0.00
GREENE	9498	0	0.00	0	0.00	0	0.00
GREENSVILLE, EMPORIA	15441	1	6.48	2	12.95	2	12.95
HALIFAX, SOUTH BOSTON	38248	1	2.61	2	5.23	1	2.61
HANOVER	59494	12	20.17	5	8.40	4	6.72
HENRICO	205273	53	25.82	13	6.33	11	5.36
HENRY, MARTINSVILLE	77249	0	0.00	6	7.77	0	0.00
HIGHLAND	3176	0	0.00	0	0.00	0	0.00
ISLE OF WIGHT	24208	8	33.05	0	0.00	2	8.26
JAMES CITY	30047	0	0.00	0	0.00	1	3.33

COUNTY/CITY	SHIGELLOSIS		SYPHILIS, EARLY		TUBERCULOSIS		
	PROJECTED 1989 POPULATION	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
KING GEORGE	12579	0	0.00	4	31.80	4	31.80
KING & QUEEN	6623	0	0.00	0	0.00	0	0.00
KING WILLIAM	10832	1	9.23	2	18.46	2	18.46
LANCASTER	11815	0	0.00	3	25.39	0	0.00
LEE	28608	0	0.00	1	3.50	4	13.98
LOUDOUN	71357	1	1.40	5	7.01	1	1.40
LOUISA	20233	0	0.00	2	9.88	0	0.00
LUNENBURG	12287	0	0.00	1	8.14	0	0.00
MADISON	11110	0	0.00	0	0.00	1	9.00
MATHEWS	9362	0	0.00	0	0.00	0	0.00
MECKLENBURG	30036	0	0.00	5	16.65	0	0.00
MIDDLESEX	8876	0	0.00	0	0.00	1	11.27
MONTGOMERY	69785	0	0.00	2	2.87	0	0.00
NELSON	12566	0	0.00	0	0.00	0	0.00
NEW KENT	11411	2	17.53	0	0.00	1	8.76
NORTHAMPTON	14789	0	0.00	7	47.33	3	20.29
NORTHUMBERLAND	10353	0	0.00	1	9.66	2	19.32
NOTTOWAY	15059	0	0.00	1	6.64	1	6.64
ORANGE	20626	0	0.00	0	0.00	1	4.85
PAGE	21206	0	0.00	0	0.00	0	0.00
PATRICK	18328	1	5.46	0	0.00	2	10.91
PITTSYLVANIA	68536	1	1.46	11	16.05	0	0.00
POWHATAN	15711	0	0.00	2	12.73	0	0.00
PRINCE EDWARD	18211	0	0.00	1	5.49	0	0.00
PRINCE GEORGE	28676	1	3.49	1	3.49	1	3.49
PR WILLIAM/MANASSAS/M PARK	215314	7	3.25	19	8.82	3	1.39
PULASKI	36647	0	0.00	0	0.00	3	8.19
RAPPAHANNOCK	6281	0	0.00	2	31.84	0	0.00
RICHMOND COUNTY	7358	0	0.00	0	0.00	2	27.18
ROANOKE COUNTY	80284	1	1.25	0	0.00	1	1.25
ROCKBRIDGE, LEXINGTON	25633	0	0.00	0	0.00	0	0.00
ROCKINGHAM, HARRISONBURG	85519	1	1.17	0	0.00	11	12.86
RUSSELL	34504	2	5.80	0	0.00	3	8.69
SCOTT	26092	0	0.00	0	0.00	2	7.67
SHENANDOAH	30654	3	9.79	0	0.00	0	0.00
SMYTH	34484	0	0.00	3	8.70	3	8.70
SOUTHAMPTON	18374	2	10.88	5	27.21	5	27.21
SPOTSYLVANIA	45505	0	0.00	3	6.59	1	2.20
STAFFORD	55075	0	0.00	2	3.63	1	1.82
SURRY	6366	0	0.00	4	62.83	0	0.00
SUSSEX	10007	1	9.99	0	0.00	4	39.97
TAZEWELL	54013	2	3.70	0	0.00	7	12.96
WARREN	24348	0	0.00	0	0.00	0	0.00
WASHINGTON	50101	1	2.00	0	0.00	0	0.00
WESTMORELAND	14552	0	0.00	4	27.49	0	0.00
WISE, NORTON	53468	0	0.00	1	1.87	1	1.87
WYTHE	26949	1	3.71	0	0.00	1	3.71
YORK, POQUOSON	54564	3	5.50	0	0.00	2	3.67

COUNTY/CITY	SHIGELLOSIS		SYPHILIS, EARLY		TUBERCULOSIS		
	PROJECTED 1989 POPULATION	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
ALEXANDRIA	109054	9	8.25	76	69.69	14	12.84
BRISTOL	18377	2	10.88	2	10.88	1	5.44
BUENA VISTA	6991	0	0.00	1	14.30	0	0.00
CHESAPEAKE	140151	6	4.28	23	16.41	2	1.43
CLIFTON FORGE	5195	0	0.00	0	0.00	0	0.00
COLONIAL HEIGHTS	17492	0	0.00	0	0.00	0	0.00
DANVILLE	44976	1	2.22	25	55.59	4	8.89
FRANKLIN CITY	7993	0	0.00	15	187.66	1	12.51
FREDERICKSBURG	20503	4	19.51	10	48.77	1	4.88
GALAX	7135	0	0.00	2	28.03	0	0.00
HAMPTON	128094	25	19.52	14	10.93	12	9.37
HOPEWELL	24752	0	0.00	4	16.16	3	12.12
LYNCHBURG	70397	1	1.42	10	14.21	1	1.42
NEWPORT NEWS	163082	45	27.59	32	19.62	12	7.36
NORFOLK	273935	20	7.30	107	39.06	15	5.48
PETERSBURG	39573	16	40.43	52	131.40	7	17.69
PORTSMOUTH	113780	3	2.64	30	26.37	9	7.91
RADFORD	14225	0	0.00	0	0.00	0	0.00
RICHMOND CITY	214790	41	19.09	268	124.77	30	13.97
ROANOKE CITY	100027	0	0.00	95	94.97	5	5.00
SALEM	24723	1	4.04	3	12.13	2	8.09
SUFFOLK	54723	9	16.45	2	3.65	11	20.10
VIRGINIA BEACH	352564	40	11.35	27	7.66	20	5.67
WAYNESBORO	18541	0	0.00	0	0.00	0	0.00
WILLIAMSBURG	11286	1	8.86	3	26.58	3	26.58

DISTRICT	SHIGELLOSIS			SYPHILIS, EARLY		TUBERCULOSIS	
	PROJECTED 1989 POPULATION	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000	REPORTED CASES	RATE PER 100,000
CENTRAL SHENANDOAH	222443	1	0.45	2	0.90	18	8.09
LORD FAIRFAX	148616	4	2.69	0	0.00	2	1.35
RAPPAHANNOCK	153999	4	2.60	21	13.64	8	5.19
RAPPAHANNOCK/RAPIDAN	107501	1	0.93	5	4.65	7	6.51
THOMAS JEFFERSON	163323	13	7.96	12	7.35	5	3.06
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ALEXANDRIA	109054	9	8.25	76	69.69	14	12.84
ARLINGTON	155933	8	5.13	30	19.24	18	11.54
FAIRFAX	753792	38	5.04	63	8.36	58	7.69
LOUDOUN	71357	1	1.40	5	7.01	1	1.40
PRINCE WILLIAM	215314	7	3.25	19	8.82	3	1.39
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ALLEGHANY	162617	2	1.23	4	2.46	4	2.46
CENTRAL VIRGINIA	213380	2	0.94	20	9.37	3	1.41
CUMBERLAND PLATEAU	150017	4	2.67	1	0.67	11	7.33
PITTSYLVANIA/DANVILLE	113512	2	1.76	36	31.71	4	3.52
WEST PIEDMONT	134969	2	1.48	8	5.93	3	2.22
LENOWISCO	108168	0	0.00	2	1.85	7	6.47
MOUNT ROGERS	190321	4	2.10	7	3.68	7	3.68
NEW RIVER	151582	0	0.00	2	1.32	6	3.96
ROANOKE CITY	100027	0	0.00	95	94.97	5	5.00
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CHESTERFIELD	229148	12	5.24	17	7.42	14	6.11
CRATER	146342	21	14.35	71	48.52	19	12.98
HANOVER	91373	14	15.32	6	6.57	6	6.57
HENRICO	205273	53	25.82	13	6.33	11	5.36
PIEDMONT	87236	2	2.29	4	4.59	4	4.59
RICHMOND CITY	214790	41	19.09	268	124.77	30	13.97
SOUTHSIDE	84522	1	1.18	12	14.20	2	2.37
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CHESAPEAKE	140151	6	4.28	23	16.41	2	1.43
EASTERN SHORE	47082	0	0.00	18	38.23	7	14.87
HAMPTON	128094	25	19.52	14	10.93	12	9.37
MIDDLE PENINSULA	73961	2	2.70	5	6.76	4	5.41
NORFOLK	273935	20	7.30	107	39.06	15	5.48
NORTHERN NECK	44078	0	0.00	8	18.15	4	9.07
PENINSULA	258979	49	18.92	35	13.51	18	6.95
PORTSMOUTH	113780	3	2.64	30	26.37	9	7.91
WESTERN TIDEWATER	105298	19	18.04	22	20.89	19	18.04
VIRGINIA BEACH	352564	40	11.35	27	7.66	20	5.67
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REGION							
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NORTHWEST	795882	23	2.89	40	5.03	40	5.03
NORTH	1305450	63	4.83	193	14.78	94	7.20
SOUTHWEST	1324593	16	1.21	175	13.21	50	3.77
CENTRAL	1058684	144	13.60	391	36.93	86	8.12
EAST	1537922	164	10.66	289	18.79	110	7.15

