

VIRGINIA STD SURVEILLANCE REPORT

Table 1CT New Chlamydia Diagnoses

	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Total	36,381	38,765	41,493	43,698	47,451	434.0	460.8	489.9	513.0	555.9	
Gender											
Male	11,810	13,064	14,123	15,207	16,895	286.3	315.8	338.9	362.9	402.2	
Female	24,527	25,581	26,997	28,315	30,505	576.0	598.4	627.4	654.4	703.6	
Transgender/other	36	51	15	34	36	--	--	--	--	--	
Unknown	8	69	358	142	15	--	--	--	--	--	
Age at diagnosis											
< 10	2	8	8	7	7	0.2	0.8	0.8	0.7	0.7	
10 - 14	233	208	206	218	226	44.7	39.8	39.3	41.3	43.0	
15 - 19	9,134	9,927	10,739	11,114	12,231	1,696.7	1,835.7	1,988.9	2,049.5	2,257.4	
20 - 24	15,268	15,652	16,511	17,199	18,357	2,544.5	2,653.8	2,833.0	2,971.4	3,211.4	
25 - 29	6,610	7,192	7,673	8,231	8,848	1,103.6	1,219.2	1,277.4	1,362.3	1,469.9	
30 - 34	2,732	2,993	3,172	3,513	3,940	467.2	514.1	542.6	599.4	669.5	
35 - 39	1,183	1,332	1,534	1,660	1,875	216.3	238.8	269.4	286.9	322.3	
40 - 44	542	575	682	753	920	99.9	108.9	130.1	143.1	173.3	
45 - 49	298	374	418	429	468	53.0	66.1	73.9	76.9	85.5	
50 - 54	195	230	250	272	266	32.2	38.6	42.9	47.9	48.1	
55 - 59	90	131	138	149	180	15.7	22.6	23.7	25.6	30.8	
60 - 64	48	49	61	72	63	9.8	9.8	11.9	13.7	11.9	
> 64	22	29	34	44	49	1.9	2.4	2.7	3.3	3.6	
Unknown	24	65	67	37	21	--	--	--	--	--	
Race/ethnicity											
Black, non-Hispanic	15,977	15,766	15,732	18,460	19,097	960.9	942.1	931.0	1,085.7	1,118.7	
White, non-Hispanic	8,744	7,921	8,209	9,670	9,813	163.2	147.9	153.5	181.0	183.8	
Hispanic (all races)	1,850	2,116	2,432	2,827	3,010	245.1	276.2	305.8	344.4	360.7	
Other/multi-race	1,038	1,180	1,105	1,390	1,467	--	--	--	--	--	
Unknown	8,772	11,782	14,015	11,351	14,064	--	--	--	--	--	
Health Region											
Central	8,754	9,164	9,504	10,096	10,395	615.6	640.5	659.4	695.3	711.6	
Eastern	12,442	13,472	14,084	14,958	16,346	670.8	725.9	760.1	806.2	879.7	
Northern	6,868	7,655	8,258	8,693	9,709	280.6	311.0	330.1	344.7	384.5	
Northwest	3,876	3,797	4,514	4,817	5,287	297.6	288.9	339.6	358.2	390.5	
Southwest	4,441	4,677	5,133	5,134	5,714	327.5	346.6	381.6	382.1	427.2	
Chlamydia ophthalmia neonatorum*											
Total diagnoses	5	8	9	9	10	--	--	--	--	--	

*Chlamydia ophthalmia neonatorum diagnoses are made when an infant has a positive lab result for Chlamydia trachomatis infection with a specimen source of eye/conjunctiva. This infection occurs when a genital Chlamydia infection is transmitted to the infant's eyes during birth. These cases are not counted toward the total number of chlamydia diagnoses in Virginia in the rest of this report.

Figure 1CT. Rate of Chlamydia diagnoses by race/ethnicity, 2015 - 2019

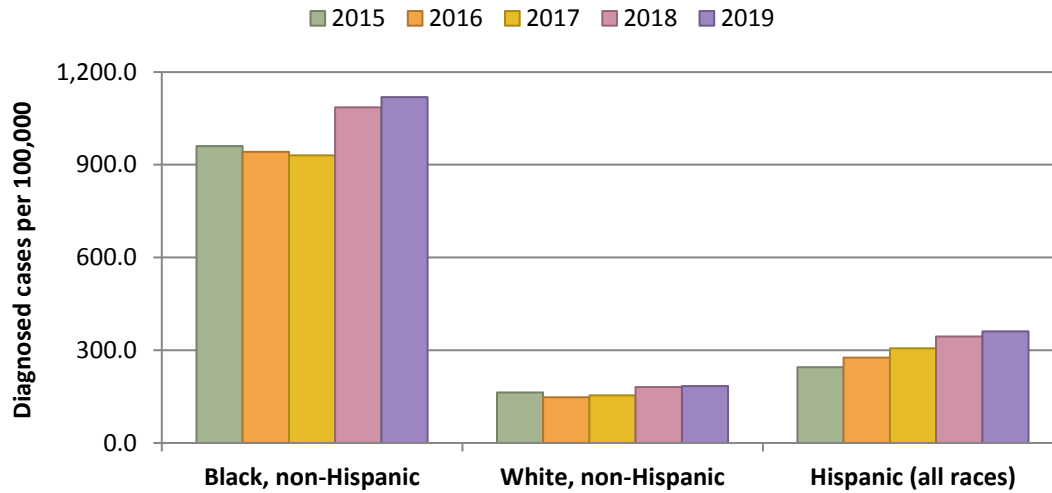


Figure 2CT. Rate of Chlamydia diagnoses by gender, 2015 - 2019

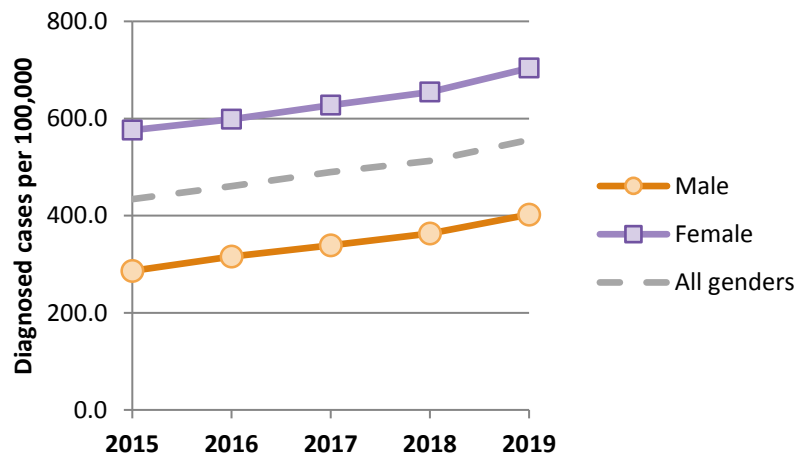
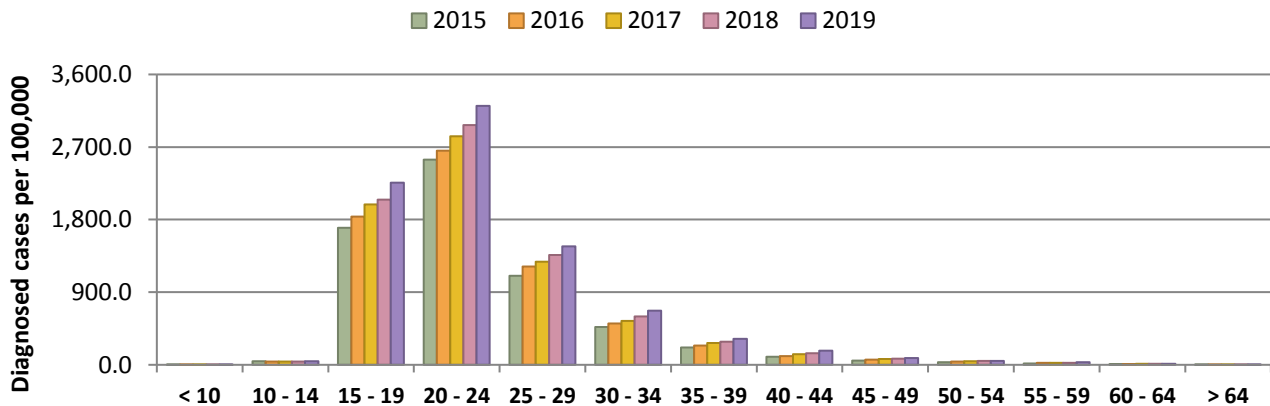


Figure 3CT. Rate of Chlamydia diagnoses by age in years, 2015 - 2019



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Table 2CT. Chlamydia Diagnoses by Region, 2019

	Central	Eastern	Northern	Northwest	Southwest
	No.	No.	No.	No.	No.
Total	10,395	16,346	9,709	5,287	5,714
Gender					
Male	3,527	5,886	3,894	1,779	1,809
Female	6,859	10,439	5,803	3,503	3,901
Transgender	8	16	7	3	2
<i>% Female</i> <i>% Male</i>					
Age in years					
< 10	1	2	2	1	1
10 - 14	76	84	26	16	24
15 - 19	2,970	4,285	2,017	1,422	1,537
20 - 24	3,966	6,391	3,579	2,136	2,285
25 - 29	1,882	3,085	1,929	918	1,034
30 - 34	766	1,311	1,009	394	460
35 - 39	379	610	490	206	190
40 - 44	163	289	272	101	95
45 - 49	77	133	158	53	47
50 - 54	59	71	100	18	18
55 - 59	33	48	71	15	13
60 - 64	12	16	26	5	4
> 64	8	18	15	2	6
Race/ethnicity					
Black, non-Hispanic	5,401	9,133	1,617	1,091	1,855
White, non-Hispanic	1,462	2,763	1,553	1,874	2,161
Hispanic (all races)	393	439	1,655	402	121
Other/ Multi-race	209	537	497	117	107
Unknown	2,930	3,474	4,387	1,803	1,470

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Table 3CT-a. Central Region CT Diagnoses by Health District and City/County

	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	8,754	9,164	9,504	10,096	10,395	615.6	640.5	659.4	695.3	711.6	
Chesterfield Health District											
Chesterfield Co.	1,339	1,504	1,673	1,825	1,785	398.9	443.6	486.9	523.6	505.9	
Colonial Heights	103	93	125	83	114	578.0	523.3	701.1	465.4	656.3	
Powhatan Co.	74	62	56	75	55	264.0	218.0	195.8	256.9	185.5	
District Total	1,516	1,659	1,854	1,983	1,954	397.3	430.7	475.3	501.3	488.7	
Chickahominy Health District											
Charles City Co.	27	20	21	35	28	383.5	282.8	299.8	504.3	402.1	
Goochland Co.	69	63	50	53	74	310.1	277.9	220.4	228.0	311.5	
Hanover Co.	264	299	307	325	320	255.7	286.4	289.8	303.1	296.9	
New Kent Co.	49	46	42	61	47	240.3	217.5	193.7	272.4	203.5	
District Total	409	428	420	474	469	267.5	275.6	267.0	296.6	290.3	
Crater Health District											
Dinwiddie Co.	118	174	151	150	122	423.7	618.2	535.3	525.8	427.4	
Emporia	61	59	55	63	73	1,109.9	1,112.2	1,041.3	1,230.2	1,365.5	
Greensville Co.	58	57	56	70	63	488.0	486.9	479.5	602.0	555.8	
Hopewell	258	244	250	264	296	1,152.9	1,073.2	1,105.2	1,168.3	1,313.9	
Petersburg	537	525	443	563	532	1,653.5	1,646.7	1,395.3	1,783.5	1,697.2	
Prince George Co.	299	322	345	277	230	789.7	850.8	912.5	727.4	599.7	
Surry Co.	37	38	51	31	43	551.5	580.7	779.8	478.8	669.6	
Sussex Co.	81	79	65	66	64	691.4	686.7	571.5	587.3	573.5	
District Total	1,449	1,498	1,416	1,484	1,423	926.6	962.3	912.0	956.0	917.9	
Henrico Health District											
Henrico Co.	1,650	1,837	1,860	1,998	2,143	507.5	562.6	567.2	606.8	647.8	
District Total	1,650	1,837	1,860	1,998	2,143	507.5	562.6	567.2	606.8	647.8	
Piedmont Health District											
Amelia Co.	40	29	37	56	50	310.0	224.6	284.2	430.3	380.4	
Buckingham Co.	61	45	57	60	87	358.1	264.0	334.0	353.0	507.3	
Charlotte Co.	49	36	60	48	60	401.6	296.8	495.1	402.1	505.1	
Cumberland Co.	41	45	59	62	70	421.9	466.2	601.4	632.1	704.8	
Lunenburg Co.	58	37	51	49	80	471.6	301.5	416.8	405.4	656.0	
Nottoway Co.	120	120	170	206	196	765.6	769.5	1,101.5	1,335.9	1,286.8	
Prince Edward Co.	130	137	177	167	220	566.4	592.0	779.6	727.7	964.8	
District Total	499	449	611	648	763	485.5	437.0	596.8	634.0	745.6	
Richmond City Health District											
Richmond City	2,822	2,895	2,909	3,036	3,185	1,281.0	1,297.2	1,281.3	1,327.0	1,382.2	
District Total	2,822	2,895	2,909	3,036	3,185	1,281.0	1,297.2	1,281.3	1,327.0	1,382.2	
Southside Health District											
Brunswick Co.	104	121	123	150	106	622.8	744.9	757.2	915.5	653.1	
Halifax Co.	163	142	164	171	159	464.1	405.8	474.5	501.2	468.9	
Mecklenburg Co.	142	135	147	152	193	456.9	437.0	479.0	495.9	631.0	
District Total	409	398	434	473	458	493.3	484.6	532.6	582.8	567.3	

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Table 3CT-b. Eastern Region CT Diagnoses by Health District and City/County

	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	12,442	13,472	14,084	14,958	16,346	670.8	725.9	760.1	806.2	879.7	
Chesapeake Health District											
Chesapeake	1,235	1,305	1,417	1,509	1,694	524.6	548.5	589.4	621.9	691.9	
District Total	1,235	1,305	1,417	1,509	1,694	524.6	548.5	589.4	621.9	691.9	
Eastern Shore Health District											
Accomack Co.	227	236	211	240	230	688.4	716.3	648.3	740.5	711.7	
Northampton Co.	85	105	105	92	77	699.3	865.0	886.4	784.0	657.6	
District Total	312	341	316	332	307	691.4	756.3	711.9	752.0	697.3	
Hampton Health District											
Hampton	1,240	1,412	1,449	1,562	1,838	908.7	1,042.8	1,076.0	1,163.0	1,366.4	
District Total	1,240	1,412	1,449	1,562	1,838	908.7	1,042.8	1,076.0	1,163.0	1,366.4	
Norfolk Health District											
Norfolk	2,680	3,049	2,897	3,192	3,586	1,087.7	1,243.9	1,183.9	1,307.8	1,477.3	
District Total	2,680	3,049	2,897	3,192	3,586	1,087.7	1,243.9	1,183.9	1,307.8	1,477.3	
Peninsula Health District											
James City Co.	199	188	220	256	257	272.1	252.7	291.3	335.1	335.8	
Newport News	1,756	1,827	1,972	2,026	2,077	962.8	1,004.8	1,099.3	1,134.2	1,158.9	
Poquoson	17	18	20	25	26	141.0	149.8	165.9	205.1	211.9	
Williamsburg	73	82	90	69	74	485.0	539.0	598.8	463.2	494.9	
York Co.	178	199	217	193	236	262.4	292.8	320.3	284.5	345.6	
District Total	2,223	2,314	2,519	2,569	2,670	634.3	658.4	720.3	734.1	760.1	
Portsmouth Health District											
Portsmouth	1,045	1,048	1,154	1,256	1,255	1,086.3	1,100.2	1,220.2	1,327.2	1,329.5	
District Total	1,045	1,048	1,154	1,256	1,255	1,086.3	1,100.2	1,220.2	1,327.2	1,329.5	
Three Rivers Health District											
Essex Co.	51	53	72	80	78	458.2	476.5	652.9	732.7	712.1	
Gloucester Co.	97	100	137	142	124	261.2	268.7	367.4	380.2	332.0	
King William Co.	78	60	53	51	66	479.4	367.3	317.2	301.1	384.9	
King and Queen Co.	32	25	25	19	31	447.1	349.2	357.0	269.8	441.3	
Lancaster Co.	30	45	47	64	82	273.6	410.1	435.7	593.5	773.4	
Mathews Co.	20	11	21	26	30	225.7	125.3	239.2	295.4	339.6	
Middlesex Co.	20	19	28	33	29	188.6	176.3	262.2	306.4	274.1	
Northumberland Co.	52	43	49	54	50	425.1	351.8	399.2	444.6	413.4	
Richmond Co.	22	25	33	52	43	247.0	284.9	369.2	575.3	476.6	
Westmoreland Co.	58	61	72	71	89	329.0	346.7	404.9	398.2	494.0	
District Total	460	442	537	592	622	326.5	313.6	380.1	418.0	439.2	
Virginia Beach Health District											
Virginia Beach	2,339	2,678	2,830	2,934	3,169	516.6	591.7	628.3	651.7	704.3	
District Total	2,339	2,678	2,830	2,934	3,169	516.6	591.7	628.3	651.7	704.3	
Western Tidewater Health District											
Franklin City	92	87	103	117	89	1,083.6	1,047.4	1,259.8	1,460.1	1,117.1	
Isle of Wight Co.	153	127	143	166	175	421.3	347.0	391.2	449.2	471.6	
Southampton Co.	92	86	74	79	101	508.0	476.3	416.9	449.2	572.9	
Suffolk	571	583	645	650	840	647.7	653.1	714.8	712.8	912.0	
District Total	908	883	965	1,012	1,205	601.0	580.0	631.9	658.3	778.3	

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Table 3CT-c. Northern Region CT Diagnoses by Health District and City/County

	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	6,868	7,655	8,258	8,693	9,709	280.6	311.0	330.1	344.7	384.5	
Alexandria Health District											
Alexandria	655	664	735	746	842	426.7	426.2	459.3	464.7	528.1	
District Total	655	664	735	746	842	426.7	426.2	459.3	464.7	528.1	
Arlington Health District											
Arlington	861	931	985	1,042	1,128	375.7	404.7	419.2	438.7	476.3	
District Total	861	931	985	1,042	1,128	375.7	404.7	419.2	438.7	476.3	
Fairfax Health District											
Fairfax City	134	63	89	76	69	558.0	260.7	369.3	309.3	287.3	
Fairfax Co.	2,528	2,935	3,205	3,241	3,745	221.3	257.8	279.1	281.6	326.4	
Falls Church	70	33	63	32	34	503.9	235.5	432.0	216.6	232.6	
District Total	2,732	3,031	3,357	3,349	3,848	231.5	257.6	282.8	281.4	324.4	
Loudoun Health District											
Loudoun Co.	725	878	931	940	1,015	193.0	227.5	233.9	231.0	245.4	
District Total	725	878	931	940	1,015	193.0	227.5	233.9	231.0	245.4	
Prince William Health District											
Manassas	191	186	232	243	233	457.3	448.4	559.0	583.6	567.1	
Manassas Park	48	56	83	87	92	305.2	351.9	500.3	502.7	526.4	
Prince William Co.	1,656	1,909	1,935	2,286	2,551	366.6	419.4	417.9	488.5	542.4	
District Total	1,895	2,151	2,250	2,616	2,876	372.1	419.6	431.8	496.4	543.8	

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Table 3CT-d. Northwest Region CT Diagnoses by Health District and City/County

	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	3,876	3,797	4,514	4,817	5,287	297.6	288.9	339.6	358.2	390.5	
Central Shenandoah District											
Augusta Co.	155	138	172	209	210	208.6	184.0	228.9	277.0	277.9	
Bath Co.	5	5	12	11	12	111.9	111.7	279.3	256.3	289.4	
Buena Vista	17	10	26	13	36	256.9	155.0	410.9	208.4	555.7	
Harrisonburg	316	314	400	398	402	601.5	591.6	737.8	736.6	758.3	
Highland Co.	1	3	0	0	1	45.2	135.4	0.0	0.0	45.7	
Lexington	14	4	19	12	32	192.8	56.8	267.4	168.2	429.8	
Rockbridge Co.	44	54	33	43	74	196.8	241.2	145.6	189.0	327.8	
Rockingham Co.	175	152	194	219	240	222.7	190.6	241.8	269.6	292.9	
Staunton	96	87	105	119	126	393.2	357.1	428.1	477.5	505.4	
Waynesboro	107	81	146	141	159	497.9	370.1	653.9	623.1	702.6	
District Total	930	848	1,107	1,165	1,292	316.0	285.9	370.2	387.2	429.4	
Lord Fairfax Health District											
Clarke Co.	30	27	28	22	24	208.9	187.8	193.0	151.5	164.2	
Frederick Co.	189	192	195	242	264	227.2	227.4	225.5	273.9	295.6	
Page Co.	28	26	49	52	85	118.0	109.9	206.5	217.3	355.6	
Shenandoah Co.	100	81	110	83	110	231.5	187.6	254.5	190.8	252.2	
Warren Co.	126	112	96	108	140	322.4	286.0	242.7	270.0	348.6	
Winchester	163	135	134	140	160	597.4	490.6	479.7	498.1	569.8	
District Total	636	573	612	647	783	275.5	246.7	259.9	271.4	326.7	
Rappahannock Health District											
Caroline Co.	119	107	138	143	145	396.9	354.6	453.0	464.7	471.9	
Fredericksburg	185	192	240	212	201	657.9	678.5	846.3	727.4	692.2	
King George Co.	60	83	84	108	107	235.2	319.4	318.9	406.4	398.7	
Spotsylvania Co.	359	413	479	529	577	275.1	312.9	360.1	394.1	423.6	
Stafford Co.	450	466	535	620	678	316.9	322.8	364.8	413.4	443.5	
District Total	1,173	1,261	1,476	1,612	1,708	329.4	349.5	404.6	434.9	454.6	
Rappahannock/Rapidan Health District											
Culpeper Co.	128	119	201	199	164	258.9	237.6	392.0	383.7	311.8	
Fauquier Co.	148	152	176	164	184	215.2	220.1	253.4	232.0	258.3	
Madison Co.	39	35	45	31	22	296.9	267.6	338.9	233.2	165.9	
Orange Co.	134	106	99	87	108	378.7	298.3	274.4	237.4	291.5	
Rappahannock Co.	5	20	15	14	20	67.8	270.7	204.9	193.1	271.4	
District Total	454	432	536	495	498	260.8	246.6	302.1	275.4	274.4	
Thomas Jefferson Health District											
Albemarle Co.	249	281	320	368	383	235.6	262.9	297.1	338.5	350.3	
Charlottesville	269	212	254	256	317	577.3	451.9	529.0	532.0	670.7	
Fluvanna Co.	36	41	47	76	88	137.2	156.1	177.7	283.8	322.7	
Greene Co.	23	42	40	59	50	120.0	216.8	204.0	298.3	252.3	
Louisa Co.	82	71	90	98	115	237.0	201.5	251.0	266.5	305.9	
Nelson Co.	24	36	32	41	53	162.3	242.1	214.1	276.4	355.0	
District Total	683	683	783	898	1,006	276.4	273.7	310.0	352.1	392.7	

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Table 3CT-e. Southwest Region CT Diagnoses by Health District and City/County

	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	4,441	4,677	5,133	5,134	5,714	327.5	346.6	381.6	382.1	427.2	
Alleghany Health District											
Alleghany Co.	35	38	30	37	40	223.3	243.7	198.4	248.2	269.2	
Botetourt Co.	51	56	64	48	70	152.9	168.5	192.8	144.2	209.5	
Covington	19	21	19	24	31	335.8	380.6	343.5	439.6	559.8	
Craig Co.	7	5	14	11	22	134.3	96.9	276.6	217.2	428.8	
Roanoke Co.	193	269	211	213	294	204.4	286.1	225.1	226.4	312.1	
Salem	61	72	67	75	104	239.9	281.8	259.1	292.5	411.1	
District Total	366	461	405	408	561	203.6	257.4	226.9	228.7	314.4	
Central Virginia Health District											
Amherst Co.	121	113	107	101	111	379.1	357.2	338.7	319.0	351.2	
Appomattox Co.	70	54	70	54	71	454.1	348.9	446.4	340.9	446.2	
Bedford Co.	124	137	135	164	154	159.5	175.7	173.1	208.3	194.9	
Campbell Co.	159	163	154	191	229	288.6	296.6	279.9	347.4	417.2	
Lynchburg	508	541	594	611	555	636.5	674.5	733.4	744.0	675.4	
District Total	982	1,008	1,060	1,121	1,120	377.8	387.3	405.7	425.6	424.9	
Cumberland Plateau Health District											
Buchanan Co.	28	14	15	16	20	122.9	63.1	69.7	75.4	95.2	
Dickenson Co.	15	15	33	26	30	99.2	100.2	223.2	179.0	209.5	
Russell Co.	35	42	42	60	46	125.5	153.5	155.3	224.3	173.0	
Tazewell Co.	60	93	49	75	66	139.9	220.6	119.2	183.6	162.6	
District Total	138	164	139	177	162	127.0	153.8	133.1	171.3	158.0	
Lenowisco Health District											
Lee Co.	27	24	41	34	40	109.1	99.3	172.6	144.4	170.8	
Norton	11	14	13	13	15	279.3	362.3	330.3	327.6	376.8	
Scott Co.	56	38	46	53	40	253.1	173.3	210.4	246.1	185.5	
Wise Co.	89	98	89	117	100	224.1	249.8	230.7	307.8	267.5	
District Total	183	174	189	217	195	202.2	195.1	214.4	249.3	225.8	
Mount Rogers Health District											
Bland Co.	6	2	8	8	19	91.4	30.7	126.0	127.1	302.5	
Bristol	68	74	73	60	82	396.7	436.3	434.8	364.0	489.2	
Carroll Co.	51	53	51	69	78	171.6	179.5	171.7	232.8	261.8	
Galax	28	27	31	26	24	405.0	398.5	467.9	404.8	378.1	
Grayson Co.	35	22	36	32	45	218.6	145.6	229.8	204.7	289.4	
Smyth Co.	73	79	119	146	103	232.0	254.3	388.2	479.1	342.1	
Washington Co.	102	82	112	99	109	186.8	151.3	205.9	182.0	202.8	
Wythe Co.	60	61	73	85	64	206.1	210.2	252.8	295.6	223.1	
District Total	423	400	503	525	524	220.9	211.4	266.0	279.1	279.8	
New River Health District											
Floyd Co.	20	11	11	11	24	127.8	69.9	69.8	69.6	152.4	
Giles Co.	46	51	45	17	25	275.3	302.5	267.3	100.9	149.5	
Montgomery Co.	313	307	349	375	487	320.5	311.4	354.1	378.8	494.2	
Pulaski Co.	79	97	87	123	98	230.1	283.6	254.5	361.1	288.0	
Radford	147	192	224	251	262	844.7	1,098.2	1,268.5	1,368.7	1,435.7	
District Total	605	658	716	777	896	332.9	359.8	391.3	422.2	488.9	
Pittsylvania/Danville Health District											
Danville	390	299	398	361	413	926.8	713.6	967.7	887.1	1,031.4	
Pittsylvania Co.	187	160	170	193	246	300.7	259.4	277.5	316.7	407.6	
District Total	577	459	568	554	659	553.3	443.1	554.8	545.1	656.4	

VIRGINIA STD SURVEILLANCE REPORT

Table 3CT-e, cont. Southwest Region CT Diagnoses by Health District and City/County

	2015	2016	2017	2018	2019		2015	2016	2017	2018	2019	
	No.	No.	No.	No.	No.		Rate	Rate	Rate	Rate	Rate	
Roanoke Health District												
Roanoke	746	909	1,081	894	1,117		746.8	912.1	1,082.8	894.7	1,126.7	
District Total	746	909	1,081	894	1,117		746.8	912.1	1,082.8	894.7	1,126.7	
West Piedmont Health District												
Franklin Co.	124	129	170	144	168		220.4	230.1	301.2	256.3	299.8	
Henry Co.	186	168	173	172	164		358.5	326.6	337.7	337.6	324.4	
Martinsville	96	118	100	124	108		703.6	877.6	760.9	961.1	860.3	
Patrick Co.	15	29	29	21	40		83.1	161.8	164.2	118.8	227.2	
District Total	421	444	472	461	480		301.1	319.7	340.8	334.7	351.0	

VIRGINIA STD SURVEILLANCE REPORT

Table 4CT-a. Chlamydia diagnoses by health district, alphabetical

	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	%	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	Change	
Alexandria	655	664	735	746	842	426.7	426.2	459.3	464.7	528.1	18.9%	
Alleghany	366	461	405	408	561	203.6	257.4	226.9	228.7	314.4	37.2%	
Arlington	861	931	985	1,042	1,128	375.7	404.7	419.2	438.7	476.3	16.3%	
Central Shenandoah	930	848	1,107	1,165	1,292	316.0	285.9	370.2	387.2	429.4	26.4%	
Central Virginia	982	1,008	1,060	1,121	1,120	377.8	387.3	405.7	425.6	424.9	6.5%	
Chesapeake	1,235	1,305	1,417	1,509	1,694	524.6	548.5	589.4	621.9	691.9	21.2%	
Chesterfield	1,516	1,659	1,854	1,983	1,954	397.3	430.7	475.3	501.3	488.7	8.3%	
Chickahominy	409	428	420	474	469	267.5	275.6	267.0	296.6	290.3	4.9%	
Crater	1,449	1,498	1,416	1,484	1,423	926.6	962.3	912.0	956.0	917.9	-2.3%	
Cumberland Plateau	138	164	139	177	162	127.0	153.8	133.1	171.3	158.0	8.0%	
Eastern Shore	312	341	316	332	307	691.4	756.3	711.9	752.0	697.3	-4.2%	
Fairfax	2,732	3,031	3,357	3,349	3,848	231.5	257.6	282.8	281.4	324.4	23.2%	
Hampton	1,240	1,412	1,449	1,562	1,838	908.7	1,042.8	1,076.0	1,163.0	1,366.4	30.4%	
Henrico	1,650	1,837	1,860	1,998	2,143	507.5	562.6	567.2	606.8	647.8	15.5%	
Lenowisco	183	174	189	217	195	202.2	195.1	214.4	249.3	225.8	4.9%	
Lord Fairfax	636	573	612	647	783	275.5	246.7	259.9	271.4	326.7	24.0%	
Loudoun Co.	725	878	931	940	1,015	193.0	227.5	233.9	231.0	245.4	10.9%	
Mount Rogers	423	400	503	525	524	220.9	211.4	266.0	279.1	279.8	14.5%	
New River	605	658	716	777	896	332.9	359.8	391.3	422.2	488.9	29.8%	
Norfolk	2,680	3,049	2,897	3,192	3,586	1,087.7	1,243.9	1,183.9	1,307.8	1,477.3	22.5%	
Peninsula	2,223	2,314	2,519	2,569	2,670	634.3	658.4	720.3	734.1	760.1	10.7%	
Piedmont	499	449	611	648	763	485.5	437.0	596.8	634.0	745.6	38.5%	
Pittsylvania/Danville	577	459	568	554	659	553.3	443.1	554.8	545.1	656.4	25.2%	
Portsmouth	1,045	1,048	1,154	1,256	1,255	1,086.3	1,100.2	1,220.2	1,327.2	1,329.5	12.3%	
Prince William	1,895	2,151	2,250	2,616	2,876	372.1	419.6	431.8	496.4	543.8	26.5%	
Rappahannock	1,173	1,261	1,476	1,612	1,708	329.4	349.5	404.6	434.9	454.6	19.8%	
Rapp./Rapidan	454	432	536	495	498	260.8	246.6	302.1	275.4	274.4	1.2%	
Richmond City	2,822	2,895	2,909	3,036	3,185	1,281.0	1,297.2	1,281.3	1,327.0	1,382.2	6.6%	
Roanoke City	746	909	1,081	894	1,117	746.8	912.1	1,082.8	894.7	1,126.7	23.9%	
Southside	409	398	434	473	458	493.3	484.6	532.6	582.8	567.3	8.4%	
Thomas Jefferson	683	683	783	898	1,006	276.4	273.7	310.0	352.1	392.7	29.6%	
Three Rivers	460	442	537	592	622	326.5	313.6	380.1	418.0	439.2	22.1%	
Virginia Beach	2,339	2,678	2,830	2,934	3,169	516.6	591.7	628.3	651.7	704.3	18.0%	
West Piedmont	421	444	472	461	480	301.1	319.7	340.8	334.7	351.0	8.3%	
Western Tidewater	908	883	965	1,012	1,205	601.0	580.0	631.9	658.3	778.3	26.0%	
Virginia Total	36,381	38,765	41,493	43,698	47,451	434.0	460.8	489.9	513.0	555.9	17.2%	

*Percent change compares the 2019 rate to the 2015 - 2018 average annual rate.

VIRGINIA STD SURVEILLANCE REPORT

Table 4CT-b. Chlamydia diagnoses by health district, by descending rate (2019)

	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	% Change	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate		
Norfolk	2,680	3,049	2,897	3,192	3,586	1,087.7	1,243.9	1,183.9	1,307.8	1,477.3	22.5%	
Richmond City	2,822	2,895	2,909	3,036	3,185	1,281.0	1,297.2	1,281.3	1,327.0	1,382.2	6.6%	
Hampton	1,240	1,412	1,449	1,562	1,838	908.7	1,042.8	1,076.0	1,163.0	1,366.4	30.4%	
Portsmouth	1,045	1,048	1,154	1,256	1,255	1,086.3	1,100.2	1,220.2	1,327.2	1,329.5	12.3%	
Roanoke City	746	909	1,081	894	1,117	746.8	912.1	1,082.8	894.7	1,126.7	23.9%	
Crater	1,449	1,498	1,416	1,484	1,423	926.6	962.3	912.0	956.0	917.9	-2.3%	
Western Tidewater	908	883	965	1,012	1,205	601.0	580.0	631.9	658.3	778.3	26.0%	
Peninsula	2,223	2,314	2,519	2,569	2,670	634.3	658.4	720.3	734.1	760.1	10.7%	
Piedmont	499	449	611	648	763	485.5	437.0	596.8	634.0	745.6	38.5%	
Virginia Beach	2,339	2,678	2,830	2,934	3,169	516.6	591.7	628.3	651.7	704.3	18.0%	
Eastern Shore	312	341	316	332	307	691.4	756.3	711.9	752.0	697.3	-4.2%	
Chesapeake	1,235	1,305	1,417	1,509	1,694	524.6	548.5	589.4	621.9	691.9	21.2%	
Pittsylvania/Danville	577	459	568	554	659	553.3	443.1	554.8	545.1	656.4	25.2%	
Henrico	1,650	1,837	1,860	1,998	2,143	507.5	562.6	567.2	606.8	647.8	15.5%	
Southside	409	398	434	473	458	493.3	484.6	532.6	582.8	567.3	8.4%	
Virginia Total	36,381	38,765	41,493	43,698	47,451	434.0	460.8	489.9	513.0	555.9	17.2%	
Prince William	1,895	2,151	2,250	2,616	2,876	372.1	419.6	431.8	496.4	543.8	26.5%	
Alexandria	655	664	735	746	842	426.7	426.2	459.3	464.7	528.1	18.9%	
New River	605	658	716	777	896	332.9	359.8	391.3	422.2	488.9	29.8%	
Chesterfield	1,516	1,659	1,854	1,983	1,954	397.3	430.7	475.3	501.3	488.7	8.3%	
Arlington	861	931	985	1,042	1,128	375.7	404.7	419.2	438.7	476.3	16.3%	
Rappahannock	1,173	1,261	1,476	1,612	1,708	329.4	349.5	404.6	434.9	454.6	19.8%	
Three Rivers	460	442	537	592	622	326.5	313.6	380.1	418.0	439.2	22.1%	
Central Shenandoah	930	848	1,107	1,165	1,292	316.0	285.9	370.2	387.2	429.4	26.4%	
Central Virginia	982	1,008	1,060	1,121	1,120	377.8	387.3	405.7	425.6	424.9	6.5%	
Thomas Jefferson	683	683	783	898	1,006	276.4	273.7	310.0	352.1	392.7	29.6%	
West Piedmont	421	444	472	461	480	301.1	319.7	340.8	334.7	351.0	8.3%	
Lord Fairfax	636	573	612	647	783	275.5	246.7	259.9	271.4	326.7	24.0%	
Fairfax	2,732	3,031	3,357	3,349	3,848	231.5	257.6	282.8	281.4	324.4	23.2%	
Alleghany	366	461	405	408	561	203.6	257.4	226.9	228.7	314.4	37.2%	
Chickahominy	409	428	420	474	469	267.5	275.6	267.0	296.6	290.3	4.9%	
Mount Rogers	423	400	503	525	524	220.9	211.4	266.0	279.1	279.8	14.5%	
Rapp./Rapidan	454	432	536	495	498	260.8	246.6	302.1	275.4	274.4	1.2%	
Loudoun Co.	725	878	931	940	1,015	193.0	227.5	233.9	231.0	245.4	10.9%	
Lenowisco	183	174	189	217	195	202.2	195.1	214.4	249.3	225.8	4.9%	
Cumberland Plateau	138	164	139	177	162	127.0	153.8	133.1	171.3	158.0	8.0%	

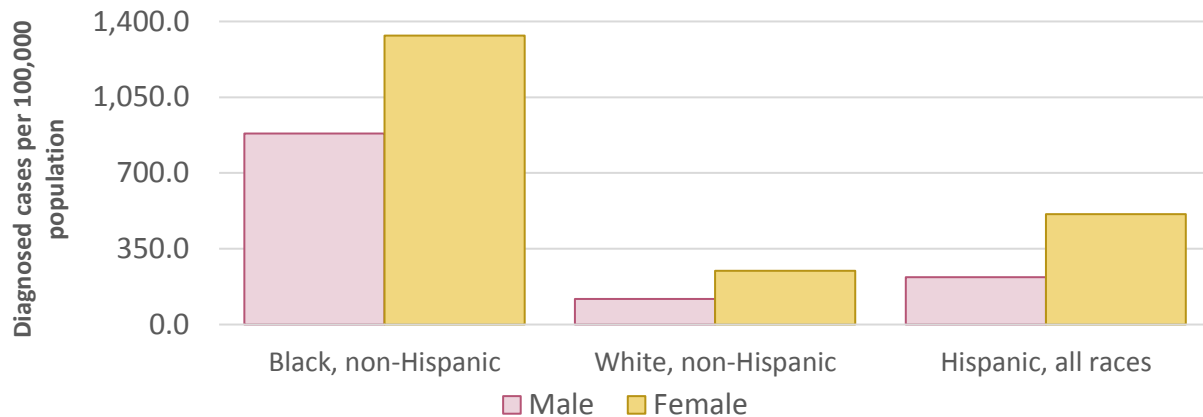
*Percent change compares the 2019 rate to the 2015 - 2018 average annual rate.

VIRGINIA STD SURVEILLANCE REPORT

Table 5CT. Chlamydia Diagnoses by Additional Demographics, 2019

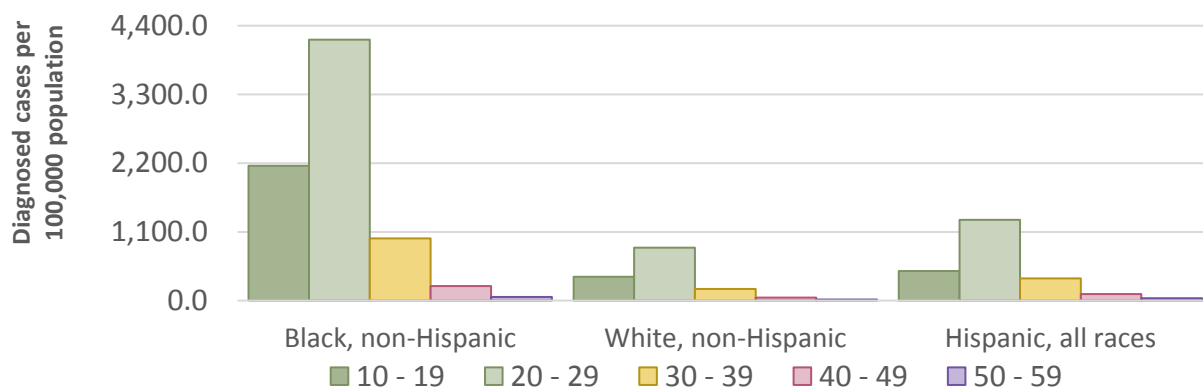
	Black, non-Hispanic		White, non-Hispanic		Hispanic, all races		Multi-race or other	Unknown
	No.	Rate	No.	Rate	No.	Rate	No.	No.
Total	19,097	1,118.7	9,813	183.8	3,010	360.7	1,467	14,064
Gender								
Male	7,236	882.1	3,104	117.6	939	218.5	470	5,146
Female	11,839	1,335.1	6,705	248.3	2,063	509.8	994	8,904
Transgender/ Other	**	--	**	--	**	--	**	**
Unknown	**	--	**	--	**	--	**	**

Figure 4CT. Chlamydia diagnoses by race/ethnicity and gender, 2019



	Black, non-Hispanic		White, non-Hispanic		Hispanic, all races		Multi-race or other	Unknown
	No.	Rate	No.	Rate	No.	Rate	No.	No.
Total	19,097	1,118.7	9,813	183.8	3,010	360.7	1,467	14,064
Age at diagnosis								
< 10	**	**	**	**	**	**	**	**
10 - 19	5,070	2,155.8	2,301	379.2	660	471.7	337	4,089
20 - 29	11,032	4,174.8	5,797	846.5	1,705	1,290.6	866	7,805
30 - 39	2,358	996.4	1,260	184.1	491	355.7	192	1,514
40 - 49	472	229.7	298	46.1	125	103.8	50	443
50 - 59	125	55.9	124	16.4	28	35.1	13	156
60 +	**	**	**	**	**	**	**	**

Figure 5CT. Chlamydia diagnoses by race/ethnicity and age, 2019

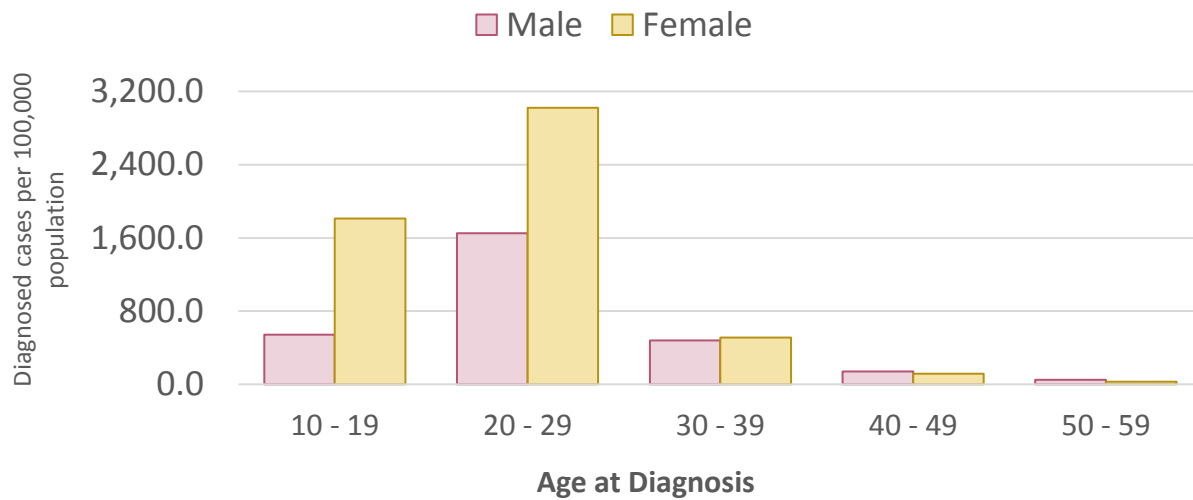


VIRGINIA STD SURVEILLANCE REPORT

Table 6CT. Chlamydia Diagnoses by Additional Demographics, 2019

	Male		Female		Transgender/ Other	
	No.	Rate	No.	Rate	No.	Rate
Total	16,895	402.2	30,505	703.6	36	--
Age at diagnosis						
< 10	**	**	**	**	**	--
10 - 19	2,954	543.7	9,495	1,813.1	**	--
20 - 29	9,985	1,652.2	17,190	3,020.0	18	--
30 - 39	2,826	481.1	2,978	511.0	11	--
40 - 49	752	141.0	634	116.3	**	--
50 - 59	282	50.9	164	28.1	**	--
60 +	**	**	**	**	**	--

Figure 6CT. Chlamydia diagnoses by gender and age at diagnosis, 2019



** Data suppressed to preserve confidentiality.