

VIRGINIA STD SURVEILLANCE REPORT

Table 1CT New Chlamydia Diagnoses

	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Total	41,506	43,713	47,462	40,116	40,311	490.0	513.2	556.1	467.0	469.2	
Gender											
Male	14,137	15,214	16,899	13,788	14,112	339.3	363.0	402.3	326.1	333.8	
Female	27,006	28,324	30,505	26,194	26,150	627.6	654.6	703.6	600.4	599.4	
Transgender/other	19	45	44	31	49	--	--	--	--	--	
Unknown	344	130	14	103	0	--	--	--	--	--	
Age at diagnosis											
< 10	6	2	5	5	6	0.6	0.2	0.5	0.5	0.6	
10 - 14	206	218	226	212	200	39.3	41.3	43.0	40.2	37.9	
15 - 19	10,741	11,116	12,235	10,156	9,192	1,989.3	2,049.8	2,258.1	1,871.9	1,694.2	
20 - 24	16,517	17,206	18,354	15,454	15,697	2,834.0	2,972.6	3,210.9	2,689.7	2,732.0	
25 - 29	7,677	8,233	8,854	7,472	7,668	1,278.0	1,362.7	1,470.9	1,244.6	1,277.3	
30 - 34	3,175	3,519	3,943	3,559	3,868	543.1	600.4	670.1	598.0	649.9	
35 - 39	1,533	1,663	1,879	1,611	1,785	269.2	287.4	323.0	275.7	305.5	
40 - 44	681	750	921	784	871	129.9	142.5	173.5	144.5	160.5	
45 - 49	419	430	469	391	450	74.1	77.0	85.7	73.0	84.0	
50 - 54	251	273	265	228	276	43.0	48.1	47.9	41.6	50.3	
55 - 59	138	149	180	137	186	23.7	25.6	30.8	23.6	32.1	
60 - 64	61	72	62	61	64	11.9	13.7	11.7	11.4	11.9	
> 64	34	45	49	36	48	2.7	3.4	3.6	2.6	3.4	
Unknown	67	37	20	10	0	--	--	--	--	--	
Race/ethnicity											
Black, non-Hispanic	16,069	18,698	19,490	15,458	13,551	950.9	1,099.7	1,141.7	897.8	787.0	
White, non-Hispanic	8,317	9,777	10,000	7,910	6,732	155.5	183.0	187.3	148.2	126.1	
Hispanic (all races)	2,485	2,893	3,132	2,359	2,700	312.5	352.4	375.3	275.8	315.7	
Other/multi-race	1,149	1,420	1,532	1,208	1,355	--	--	--	--	--	
Unknown	13,486	10,925	13,308	13,181	15,973	--	--	--	--	--	
Health Region											
Central	9,503	10,097	10,394	8,855	8,561	659.3	695.4	711.6	601.8	581.8	
Eastern	14,095	14,969	16,349	14,428	14,452	760.7	806.8	879.8	772.3	773.6	
Northern	8,260	8,698	9,714	7,527	8,133	330.2	344.9	384.7	295.8	319.6	
Northwest	4,515	4,816	5,289	4,451	4,640	339.6	358.1	390.6	325.2	339.0	
Southwest	5,133	5,133	5,716	4,855	4,525	381.6	382.0	427.3	363.1	338.4	
Chlamydia ophthalmia neonatorum*											
Total diagnoses	9	10	7	7	7	--	--	--	--	--	

*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, 2017 - 2021

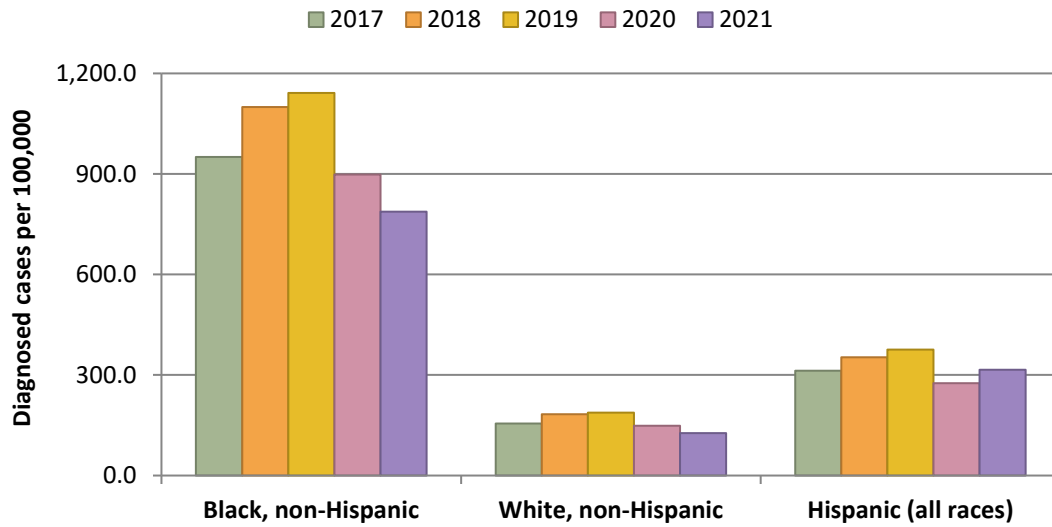


Figure 2CT. Rate of Chlamydia diagnoses by gender, 2017 - 2021

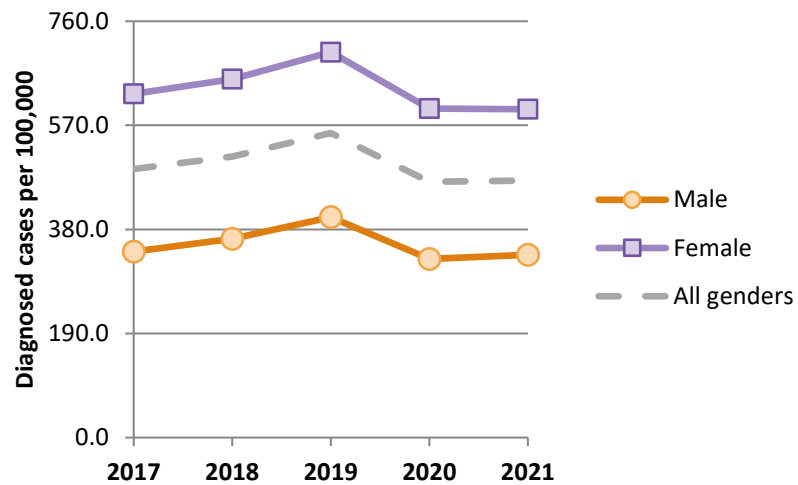
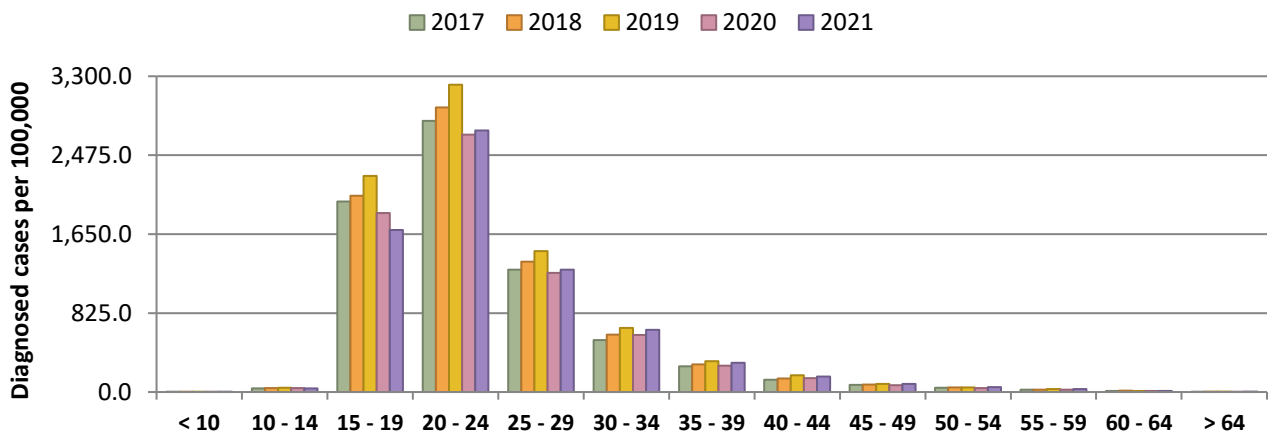


Figure 3CT. Rate of Chlamydia diagnoses by age in years, 2017 - 2021



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Table 2CT. Chlamydia Diagnoses by Region, 2021

	Central	Eastern	Northern	Northwest	Southwest
	No.	No.	No.	No.	No.
Total	8,561	14,452	8,133	4,640	4,525
Gender					
Male	2,913	5,062	3,207	1,541	1,389
Female	5,635	9,363	4,921	3,096	3,135
Transgender	13	27	5	3	1
<i>% Female</i> <i>% Male</i>					
Age in years					
< 10	1	0	2	1	2
10 - 14	40	81	31	22	26
15 - 19	2,077	3,302	1,633	1,023	1,157
20 - 24	3,214	5,847	2,921	1,920	1,795
25 - 29	1,643	2,803	1,600	829	793
30 - 34	821	1,289	904	452	402
35 - 39	378	595	436	204	172
40 - 44	200	247	264	82	78
45 - 49	83	141	144	40	42
50 - 54	55	74	93	30	24
55 - 59	31	48	68	21	18
60 - 64	8	12	24	9	11
> 64	10	13	13	7	5
Race/ethnicity					
Black, non-Hispanic	3,920	6,714	939	850	1,128
White, non-Hispanic	944	2,033	884	1,427	1,444
Hispanic (all races)	368	435	1,433	352	112
Other/ Multi-race	190	604	354	148	59
Unknown	3,139	4,666	4,523	1,863	1,782

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

	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	9,503	10,097	10,394	8,855	8,561	659.3	695.4	711.6	601.8	581.8	
Chesterfield Health District											
Chesterfield Co.	1,673	1,826	1,785	1,654	1,597	486.9	523.9	505.9	461.7	445.8	
Colonial Heights	125	83	114	70	90	701.1	465.4	656.3	406.9	523.1	
Powhatan Co.	56	75	55	53	62	195.8	256.9	185.5	175.8	205.7	
District Total	1,854	1,984	1,954	1,777	1,749	475.3	501.5	488.7	438.1	431.2	
Chickahominy Health District											
Charles City Co.	21	35	28	33	19	299.8	504.3	402.1	483.8	278.6	
Goochland Co.	50	53	74	59	50	220.4	228.0	311.5	241.5	204.7	
Hanover Co.	307	325	321	291	280	289.8	303.1	297.9	268.8	258.6	
New Kent Co.	42	61	47	47	54	193.7	272.4	203.5	198.7	228.3	
District Total	420	474	470	430	403	267.0	296.6	290.9	263.5	247.0	
Crater Health District											
Dinwiddie Co.	151	150	122	130	121	535.3	525.8	427.4	453.2	421.8	
Emporia	55	63	73	76	41	1,041.3	1,230.2	1,365.5	1,445.7	779.9	
Greensville Co.	56	70	63	64	53	479.5	602.0	555.8	567.4	469.9	
Hopewell	250	264	296	246	212	1,105.2	1,168.3	1,313.9	1,099.4	947.5	
Petersburg	442	563	532	482	439	1,392.1	1,783.5	1,697.2	1,583.1	1,441.9	
Prince George Co.	345	277	230	200	199	912.5	727.4	599.7	517.0	514.4	
Surry Co.	51	31	43	25	27	779.8	478.8	669.6	391.5	422.9	
Sussex Co.	65	66	64	58	64	571.5	587.3	573.5	530.9	585.8	
District Total	1,415	1,484	1,423	1,281	1,156	911.4	956.0	917.9	831.6	750.4	
Henrico Health District											
Henrico Co.	1,860	1,998	2,144	1,936	1,888	567.2	606.8	648.1	580.0	565.7	
District Total	1,860	1,998	2,144	1,936	1,888	567.2	606.8	648.1	580.0	565.7	
Piedmont Health District											
Amelia Co.	37	56	50	34	36	284.2	430.3	380.4	261.3	276.6	
Buckingham Co.	57	60	87	62	69	334.0	353.0	507.3	361.1	401.9	
Charlotte Co.	60	48	60	49	48	495.1	402.1	505.1	414.6	404.0	
Cumberland Co.	59	62	70	42	47	601.4	632.1	704.8	422.8	473.2	
Lunenburg Co.	51	49	80	40	45	416.8	405.4	656.0	326.1	366.8	
Nottoway Co.	170	206	196	95	111	1,101.5	1,335.9	1,286.8	626.6	732.2	
Prince Edward Co.	177	167	220	146	136	779.6	727.7	964.8	634.6	591.2	
District Total	611	648	763	468	492	596.8	634.0	745.6	457.2	480.6	
Richmond City Health District											
Richmond City	2,909	3,036	3,182	2,529	2,501	1,281.3	1,327.0	1,380.9	1,089.0	1,077.0	
District Total	2,909	3,036	3,182	2,529	2,501	1,281.3	1,327.0	1,380.9	1,089.0	1,077.0	
Southside Health District											
Brunswick Co.	123	150	106	116	92	757.2	915.5	653.1	723.3	573.7	
Halifax Co.	164	171	159	161	127	474.5	501.2	468.9	478.7	377.6	
Mecklenburg Co.	147	152	193	157	153	479.0	495.9	631.0	511.8	498.7	
District Total	434	473	458	434	372	532.6	582.8	567.3	540.1	463.0	

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

	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	14,095	14,969	16,349	14,428	14,452	760.7	806.8	879.8	772.3	773.6	
Chesapeake Health District											
Chesapeake	1,417	1,509	1,694	1,567	1,657	589.4	621.9	691.9	634.4	670.8	
District Total	1,417	1,509	1,694	1,567	1,657	589.4	621.9	691.9	634.4	670.8	
Eastern Shore Health District											
Accomack Co.	211	240	230	208	179	648.3	740.5	711.7	645.2	555.2	
Northampton Co.	105	92	77	70	70	886.4	784.0	657.6	599.7	599.7	
District Total	316	332	307	278	249	711.9	752.0	697.3	633.1	567.1	
Hampton Health District											
Hampton	1,448	1,562	1,840	1,512	1,489	1,075.2	1,163.0	1,367.9	1,116.2	1,099.2	
District Total	1,448	1,562	1,840	1,512	1,489	1,075.2	1,163.0	1,367.9	1,116.2	1,099.2	
Norfolk Health District											
Norfolk	2,901	3,198	3,588	3,015	3,012	1,185.5	1,310.2	1,478.1	1,241.7	1,240.5	
District Total	2,901	3,198	3,588	3,015	3,012	1,185.5	1,310.2	1,478.1	1,241.7	1,240.5	
Peninsula Health District											
James City Co.	220	256	257	215	255	291.3	335.1	335.8	277.0	328.6	
Newport News	1,973	2,025	2,074	1,936	1,927	1,099.9	1,133.7	1,157.2	1,081.2	1,076.2	
Poquoson	20	25	26	32	25	165.9	205.1	211.9	261.1	204.0	
Williamsburg	90	69	74	61	63	598.8	463.2	494.9	399.8	412.9	
York Co.	217	193	236	210	197	320.3	284.5	345.6	303.5	284.7	
District Total	2,520	2,568	2,667	2,454	2,467	720.5	733.8	759.3	694.4	698.1	
Portsmouth Health District											
Portsmouth	1,159	1,261	1,257	1,302	1,288	1,225.5	1,332.5	1,331.6	1,369.2	1,354.4	
District Total	1,159	1,261	1,257	1,302	1,288	1,225.5	1,332.5	1,331.6	1,369.2	1,354.4	
Three Rivers Health District											
Essex Co.	72	80	78	54	60	652.9	732.7	712.1	493.5	548.3	
Gloucester Co.	137	142	124	99	100	367.4	380.2	332.0	264.3	267.0	
King William Co.	53	51	66	49	55	756.8	724.2	939.5	705.8	792.3	
King and Queen Co.	25	19	31	23	18	149.6	112.2	180.8	130.4	102.0	
Lancaster Co.	47	64	82	64	42	435.7	593.5	773.4	602.8	395.6	
Mathews Co.	21	26	30	16	14	239.2	295.4	339.6	182.5	159.7	
Middlesex Co.	28	33	29	36	29	262.2	306.4	274.1	340.6	274.4	
Northumberland Co.	49	54	50	50	52	399.2	444.6	413.4	414.3	430.9	
Richmond Co.	33	52	43	36	33	369.2	575.3	476.6	396.9	363.8	
Westmoreland Co.	72	71	89	80	89	404.9	398.2	494.0	440.8	490.4	
District Total	537	592	622	507	492	380.1	418.0	439.2	356.5	345.9	
Virginia Beach Health District											
Virginia Beach	2,831	2,934	3,169	2,807	2,801	628.5	651.7	704.3	622.1	620.7	
District Total	2,831	2,934	3,169	2,807	2,801	628.5	651.7	704.3	622.1	620.7	
Western Tidewater Health District											
Franklin City	103	117	89	72	74	1,259.8	1,460.1	1,117.1	919.2	944.7	
Isle of Wight Co.	144	166	175	182	150	394.0	449.2	471.6	482.4	397.6	
Southampton Co.	74	79	101	83	76	416.9	449.2	572.9	470.6	430.9	
Suffolk	645	651	840	649	697	714.8	713.9	912.0	691.1	742.2	
District Total	966	1,013	1,205	986	997	632.6	658.9	778.3	627.6	634.6	

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

	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	8,260	8,698	9,714	7,527	8,133	330.2	344.9	384.7	295.8	319.6	
Alexandria Health District											
Alexandria	735	748	845	661	726	459.3	466.0	530.0	416.4	457.4	
District Total	735	748	845	661	726	459.3	466.0	530.0	416.4	457.4	
Arlington Health District											
Arlington	986	1,043	1,129	765	920	419.6	439.1	476.7	318.6	383.1	
District Total	986	1,043	1,129	765	920	419.6	439.1	476.7	318.6	383.1	
Fairfax Health District											
Fairfax City	89	76	69	52	77	369.3	309.3	287.3	221.9	328.7	
Fairfax Co.	3,206	3,241	3,747	2,881	3,199	279.2	281.6	326.5	250.3	278.0	
Falls Church	63	32	34	23	30	432.0	216.6	232.6	157.2	205.0	
District Total	3,358	3,349	3,850	2,956	3,306	282.9	281.4	324.6	248.6	278.1	
Loudoun Health District											
Loudoun Co.	931	940	1,014	864	859	233.9	231.0	245.2	204.4	203.2	
District Total	931	940	1,014	864	859	233.9	231.0	245.2	204.4	203.2	
Prince William Health District											
Manassas	232	244	233	234	225	559.0	586.0	567.1	572.6	550.5	
Manassas Park	83	87	92	85	106	500.3	502.7	526.4	472.1	588.8	
Prince William Co.	1,935	2,287	2,551	1,962	1,991	417.9	488.7	542.4	412.6	418.7	
District Total	2,250	2,618	2,876	2,281	2,322	431.8	496.8	543.8	426.8	434.5	

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

	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	4,515	4,816	5,289	4,451	1,671	2,040	1,981	2,424		122.1	###
Blue Ridge Health District											
Albemarle Co.	320	368	383	328	314	297.1	338.5	350.3	296.4	283.8	
Charlottesville	254	256	317	189	200	529.0	532.0	670.7	402.6	426.0	
Fluvanna Co.	47	76	88	62	67	177.7	283.8	322.7	226.1	244.3	
Greene Co.	40	59	50	69	55	204.0	298.3	252.3	342.8	273.2	
Louisa Co.	90	98	115	108	119	251.0	266.5	305.9	283.2	312.1	
Nelson Co.	32	41	53	46	33	214.1	276.4	355.0	311.8	223.7	
District Total	783	898	1,006	802	788	310.0	352.1	392.7	310.8	305.4	
Central Shenandoah District											
Augusta Co.	172	209	210	195	204	228.9	277.0	277.9	254.8	266.5	
Bath Co.	12	11	12	7	11	279.3	256.3	289.4	169.9	267.1	
Buena Vista	26	12	36	14	24	410.9	192.4	555.7	218.7	374.9	
Harrisonburg	400	398	402	411	508	737.8	736.6	758.3	772.5	954.8	
Highland Co.	0	0	1	3	0	0.0	0.0	45.7	136.4	0.0	
Lexington	19	12	32	22	27	267.4	168.2	429.8	302.2	370.9	
Rockbridge Co.	33	43	74	47	32	145.6	189.0	327.8	206.5	140.6	
Rockingham Co.	194	219	240	236	239	241.8	269.6	292.9	286.6	290.2	
Staunton	106	119	127	105	99	432.2	477.5	509.4	416.8	393.0	
Waynesboro	146	141	159	111	111	653.9	623.1	702.6	488.1	488.1	
District Total	1,108	1,164	1,293	1,151	1,255	370.5	386.8	429.7	380.1	414.5	
Lord Fairfax Health District											
Clarke Co.	28	22	24	23	20	193.0	151.5	164.2	157.3	136.8	
Frederick Co.	195	242	264	225	226	225.5	273.9	295.6	246.9	248.0	
Page Co.	49	52	85	57	63	206.5	217.3	355.6	238.2	263.2	
Shenandoah Co.	110	83	109	119	110	254.5	190.8	249.9	271.0	250.5	
Warren Co.	96	108	140	136	92	242.7	270.0	348.6	336.0	227.3	
Winchester	134	140	161	143	136	479.7	498.1	573.4	516.2	491.0	
District Total	612	647	783	703	647	259.9	271.4	326.7	290.8	267.6	
Rappahannock Health District											
Caroline Co.	138	143	145	86	121	453.0	464.7	471.9	278.7	392.1	
Fredericksburg	240	212	201	177	156	846.3	727.4	692.2	600.2	529.0	
King George Co.	84	108	107	83	86	318.9	406.4	398.7	303.1	314.1	
Spotsylvania Co.	479	529	577	486	468	360.1	394.1	423.6	351.0	338.0	
Stafford Co.	535	620	679	519	610	364.8	413.4	444.1	331.1	389.2	
District Total	1,476	1,612	1,709	1,351	1,441	404.6	434.9	454.9	352.8	376.3	
Rappahannock/Rapidan Health District											
Culpeper Co.	201	199	164	146	198	392.0	383.7	311.8	272.5	369.6	
Fauquier Co.	176	164	184	182	163	253.4	232.0	258.3	255.0	228.4	
Madison Co.	45	31	22	23	32	338.9	233.2	165.9	172.8	240.4	
Orange Co.	99	87	108	84	100	274.4	237.4	291.5	222.8	265.3	
Rappahannock Co.	15	14	20	9	16	204.9	193.1	271.4	124.0	220.4	
District Total	536	495	498	444	509	302.1	275.4	274.4	242.4	277.8	

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

	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	5,133	5,133	5,716	4,855	4,525	381.6	382.0	427.3	363.1	338.4	
Alleghany Health District											
Alleghany Co.	30	37	40	30	33	198.4	248.2	269.2	204.1	224.5	
Botetourt Co.	64	48	70	72	72	192.8	144.2	209.5	214.1	214.1	
Covington	19	24	31	21	20	343.5	439.6	559.8	372.4	354.7	
Craig Co.	14	11	21	11	11	276.6	217.2	409.3	216.7	216.7	
Roanoke Co.	211	213	294	318	281	225.1	226.4	312.1	336.5	297.3	
Salem	67	75	104	98	96	259.1	292.5	411.1	386.7	378.8	
District Total	405	408	560	550	513	226.9	228.7	313.8	307.4	286.8	
Central Virginia Health District											
Amherst Co.	107	101	111	123	92	338.7	319.0	351.2	388.4	290.5	
Appomattox Co.	70	54	71	83	51	446.4	340.9	446.2	517.4	317.9	
Bedford Co.	135	164	154	187	169	173.1	208.3	194.9	234.3	211.8	
Campbell Co.	154	191	230	220	169	279.9	347.4	419.1	397.8	305.6	
Lynchburg	594	611	556	482	493	733.4	744.0	676.7	591.0	604.5	
District Total	1,060	1,121	1,122	1,095	974	405.7	425.6	425.7	414.2	368.4	
Cumberland Plateau Health District											
Buchanan Co.	15	16	20	19	32	69.7	75.4	95.2	92.2	155.2	
Dickenson Co.	33	26	30	18	31	223.2	179.0	209.5	127.9	220.2	
Russell Co.	42	60	46	25	47	155.3	224.3	173.0	93.8	176.4	
Tazewell Co.	49	75	66	63	68	119.2	183.6	162.6	155.4	167.8	
District Total	139	177	162	125	178	133.1	171.3	158.0	122.7	174.7	
Lenowisco Health District											
Lee Co.	41	34	40	20	36	172.6	144.4	170.8	86.1	154.9	
Norton	13	13	15	13	10	330.3	327.6	376.8	326.2	250.9	
Scott Co.	46	53	40	45	30	210.4	246.1	185.5	208.1	138.7	
Wise Co.	89	117	100	95	82	230.7	307.8	267.5	255.3	220.4	
District Total	189	217	195	173	158	214.4	249.3	225.8	201.0	183.6	
Mount Rogers Health District											
Bland Co.	8	8	19	6	7	126.0	127.1	302.5	96.2	112.2	
Bristol	73	60	82	56	50	434.8	364.0	489.2	323.2	288.5	
Carroll Co.	51	69	78	54	35	171.7	232.8	261.8	179.6	116.4	
Galax	31	26	24	23	23	467.9	404.8	378.1	365.3	365.3	
Grayson Co.	36	32	45	38	21	229.8	204.7	289.4	245.3	135.5	
Smyth Co.	119	146	103	70	50	388.2	479.1	342.1	232.6	166.2	
Washington Co.	112	99	109	88	104	205.9	182.0	202.8	163.9	193.7	
Wythe Co.	73	85	64	78	49	252.8	295.6	223.1	272.5	171.2	
District Total	503	525	524	413	339	266.0	279.1	279.8	219.9	180.5	
New River Health District											
Floyd Co.	11	11	24	39	17	69.8	69.6	152.4	247.2	107.8	
Giles Co.	45	17	25	34	30	267.3	100.9	149.5	204.0	180.0	
Montgomery Co.	349	375	487	366	354	354.1	378.8	494.2	372.0	359.8	
Pulaski Co.	87	123	98	75	83	254.5	361.1	288.0	221.0	244.6	
Radford	224	251	261	150	163	1,268.5	1,368.7	1,430.2	821.7	892.9	
District Total	716	777	895	664	647	391.3	422.2	488.3	362.8	353.5	
Pittsylvania/Danville Health District											
Danville	398	360	413	320	315	967.7	884.7	1,031.4	802.6	790.1	

VIRGINIA STD SURVEILLANCE REPORT

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

	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	5,133	5,133	5,716	4,855	4,525	381.6	382.0	427.3	363.1	338.4	
Pittsylvania/Danville Health District											
Pittsylvania Co.	170	193	246	179	210	277.5	316.7	407.6	299.1	350.9	
District Total	568	553	659	499	525	554.8	544.1	656.4	500.4	526.5	
Roanoke Health District											
Roanoke	1,081	894	1,119	882	754	1,082.8	894.7	1,128.7	890.4	761.2	
District Total	1,081	894	1,119	882	754	1,082.8	894.7	1,128.7	890.4	761.2	
West Piedmont Health District											
Franklin Co.	170	144	168	154	147	301.2	256.3	299.8	274.2	261.7	
Henry Co.	173	172	164	176	174	337.7	337.6	324.4	349.8	345.9	
Martinsville	100	124	107	92	89	760.9	961.1	852.3	744.6	720.4	
Patrick Co.	29	21	41	32	27	164.2	118.8	232.8	182.9	154.3	
District Total	472	461	480	454	437	340.8	334.7	351.0	333.0	320.6	

VIRGINIA STD SURVEILLANCE REPORT

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

	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	*% Change	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate		
Alexandria	735	748	845	661	726	459.3	466.0	530.0	416.4	457.4	-2.3%	
Alleghany	405	408	560	550	513	226.9	228.7	313.8	307.4	286.8	6.5%	
Arlington	986	1,043	1,129	765	920	419.6	439.1	476.7	318.6	383.1	-7.3%	
Blue Ridge	783	898	1,006	802	788	310.0	352.1	392.7	310.8	305.4	-10.6%	
Central Shenandoah	1,108	1,164	1,293	1,151	1,255	370.5	386.8	429.7	380.1	414.5	5.8%	
Central Virginia	1,060	1,121	1,122	1,095	974	405.7	425.6	425.7	414.2	368.4	-11.8%	
Chesapeake	1,417	1,509	1,694	1,567	1,657	589.4	621.9	691.9	634.4	670.8	5.7%	
Chesterfield	1,854	1,984	1,954	1,777	1,749	475.3	501.5	488.7	438.1	431.2	-9.4%	
Chickahominy	420	474	470	430	403	267.0	296.6	290.9	263.5	247.0	-11.6%	
Crater	1,415	1,484	1,423	1,281	1,156	911.4	956.0	917.9	831.6	750.4	-17.0%	
Cumberland Plateau	139	177	162	125	178	133.1	171.3	158.0	122.7	174.7	19.5%	
Eastern Shore	316	332	307	278	249	711.9	752.0	697.3	633.1	567.1	-18.8%	
Fairfax	3,358	3,349	3,850	2,956	3,306	282.9	281.4	324.6	248.6	278.1	-2.2%	
Hampton	1,448	1,562	1,840	1,512	1,489	1,075.2	1,163.0	1,367.9	1,116.2	1,099.2	-6.9%	
Henrico	1,860	1,998	2,144	1,936	1,888	567.2	606.8	648.1	580.0	565.7	-5.8%	
Lenowisco	189	217	195	173	158	214.4	249.3	225.8	201.0	183.6	-17.5%	
Lord Fairfax	612	647	783	703	647	259.9	271.4	326.7	290.8	267.6	-6.8%	
Loudoun Co.	931	940	1,014	864	859	233.9	231.0	245.2	204.4	203.2	-11.1%	
Mount Rogers	503	525	524	413	339	266.0	279.1	279.8	219.9	180.5	-30.9%	
New River	716	777	895	664	647	391.3	422.2	488.3	362.8	353.5	-15.1%	
Norfolk	2,901	3,198	3,588	3,015	3,012	1,185.5	1,310.2	1,478.1	1,241.7	1,240.5	-4.9%	
Peninsula	2,520	2,568	2,667	2,454	2,467	720.5	733.8	759.3	694.4	698.1	-4.0%	
Piedmont	611	648	763	468	492	596.8	634.0	745.6	457.2	480.6	-21.0%	
Pittsylvania/Danville	568	553	659	499	525	554.8	544.1	656.4	500.4	526.5	-6.6%	
Portsmouth	1,159	1,261	1,257	1,302	1,288	1,225.5	1,332.5	1,331.6	1,369.2	1,354.4	3.0%	
Prince William	2,250	2,618	2,876	2,281	2,322	431.8	496.8	543.8	426.8	434.5	-8.5%	
Rappahannock	1,476	1,612	1,709	1,351	1,441	404.6	434.9	454.9	352.8	376.3	-8.6%	
Rapp./Rapidan	536	495	498	444	509	302.1	275.4	274.4	242.4	277.8	1.6%	
Richmond City	2,909	3,036	3,182	2,529	2,501	1,281.3	1,327.0	1,380.9	1,089.0	1,077.0	-15.2%	
Roanoke City	1,081	894	1,119	882	754	1,082.8	894.7	1,128.7	890.4	761.2	-23.8%	
Southside	434	473	458	434	372	532.6	582.8	567.3	540.1	463.0	-16.7%	
Three Rivers	537	592	622	507	492	380.1	418.0	439.2	356.5	345.9	-13.2%	
Virginia Beach	2,831	2,934	3,169	2,807	2,801	628.5	651.7	704.3	622.1	620.7	-4.7%	
West Piedmont	472	461	480	454	437	340.8	334.7	351.0	333.0	320.6	-5.7%	
Western Tidewater	966	1,013	1,205	986	997	632.6	658.9	778.3	627.6	634.6	-5.9%	
Virginia Total	41,506	43,713	47,462	40,116	40,311	490.0	513.2	556.1	467.0	469.2	-7.4%	

*Percent change compares the 2021 rate to the 2017 - 2020 average annual rate.

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Table 4CT-b. Chlamydia diagnoses by health district, by descending rate (2021)

	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	% Change	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate		
Portsmouth	1,159	1,261	1,257	1,302	1,288	1,225.5	1,332.5	1,331.6	1,369.2	1,354.4	3.0%	
Norfolk	2,901	3,198	3,588	3,015	3,012	1,185.5	1,310.2	1,478.1	1,241.7	1,240.5	-4.9%	
Hampton	1,448	1,562	1,840	1,512	1,489	1,075.2	1,163.0	1,367.9	1,116.2	1,099.2	-6.9%	
Richmond City	2,909	3,036	3,182	2,529	2,501	1,281.3	1,327.0	1,380.9	1,089.0	1,077.0	-15.2%	
Roanoke City	1,081	894	1,119	882	754	1,082.8	894.7	1,128.7	890.4	761.2	-23.8%	
Crater	1,415	1,484	1,423	1,281	1,156	911.4	956.0	917.9	831.6	750.4	-17.0%	
Peninsula	2,520	2,568	2,667	2,454	2,467	720.5	733.8	759.3	694.4	698.1	-4.0%	
Chesapeake	1,417	1,509	1,694	1,567	1,657	589.4	621.9	691.9	634.4	670.8	5.7%	
Western Tidewater	966	1,013	1,205	986	997	632.6	658.9	778.3	627.6	634.6	-5.9%	
Virginia Beach	2,831	2,934	3,169	2,807	2,801	628.5	651.7	704.3	622.1	620.7	-4.7%	
Eastern Shore	316	332	307	278	249	711.9	752.0	697.3	633.1	567.1	-18.8%	
Henrico	1,860	1,998	2,144	1,936	1,888	567.2	606.8	648.1	580.0	565.7	-5.8%	
Pittsylvania/Danville	568	553	659	499	525	554.8	544.1	656.4	500.4	526.5	-6.6%	
Piedmont	611	648	763	468	492	596.8	634.0	745.6	457.2	480.6	-21.0%	
Virginia Total	41,506	43,713	47,462	40,116	40,311	490.0	513.2	556.1	467.0	469.2	-7.4%	
Southside	434	473	458	434	372	532.6	582.8	567.3	540.1	463.0	-16.7%	
Alexandria	735	748	845	661	726	459.3	466.0	530.0	416.4	457.4	-2.3%	
Prince William	2,250	2,618	2,876	2,281	2,322	431.8	496.8	543.8	426.8	434.5	-8.5%	
Chesterfield	1,854	1,984	1,954	1,777	1,749	475.3	501.5	488.7	438.1	431.2	-9.4%	
Central Shenandoah	1,108	1,164	1,293	1,151	1,255	370.5	386.8	429.7	380.1	414.5	5.8%	
Arlington	986	1,043	1,129	765	920	419.6	439.1	476.7	318.6	383.1	-7.3%	
Rappahannock	1,476	1,612	1,709	1,351	1,441	404.6	434.9	454.9	352.8	376.3	-8.6%	
Central Virginia	1,060	1,121	1,122	1,095	974	405.7	425.6	425.7	414.2	368.4	-11.8%	
New River	716	777	895	664	647	391.3	422.2	488.3	362.8	353.5	-15.1%	
Three Rivers	537	592	622	507	492	380.1	418.0	439.2	356.5	345.9	-13.2%	
West Piedmont	472	461	480	454	437	340.8	334.7	351.0	333.0	320.6	-5.7%	
Blue Ridge	783	898	1,006	802	788	310.0	352.1	392.7	310.8	305.4	-10.6%	
Alleghany	405	408	560	550	513	226.9	228.7	313.8	307.4	286.8	6.5%	
Fairfax	3,358	3,349	3,850	2,956	3,306	282.9	281.4	324.6	248.6	278.1	-2.2%	
Rapp./Rapidan	536	495	498	444	509	302.1	275.4	274.4	242.4	277.8	1.6%	
Lord Fairfax	612	647	783	703	647	259.9	271.4	326.7	290.8	267.6	-6.8%	
Chickahominy	420	474	470	430	403	267.0	296.6	290.9	263.5	247.0	-11.6%	
Loudoun Co.	931	940	1,014	864	859	233.9	231.0	245.2	204.4	203.2	-11.1%	
Lenowisco	189	217	195	173	158	214.4	249.3	225.8	201.0	183.6	-17.5%	
Mount Rogers	503	525	524	413	339	266.0	279.1	279.8	219.9	180.5	-30.9%	
Cumberland Plateau	139	177	162	125	178	133.1	171.3	158.0	122.7	174.7	19.5%	

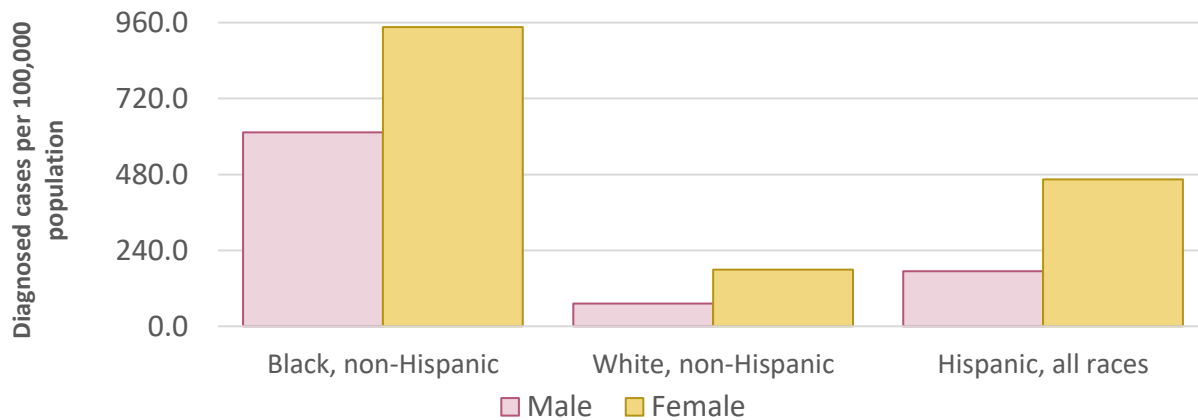
*Percent change compares the 2021 rate to the 2017 - 2020 average annual rate.

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Table 5CT. Chlamydia Diagnoses by Additional Demographics, 2021

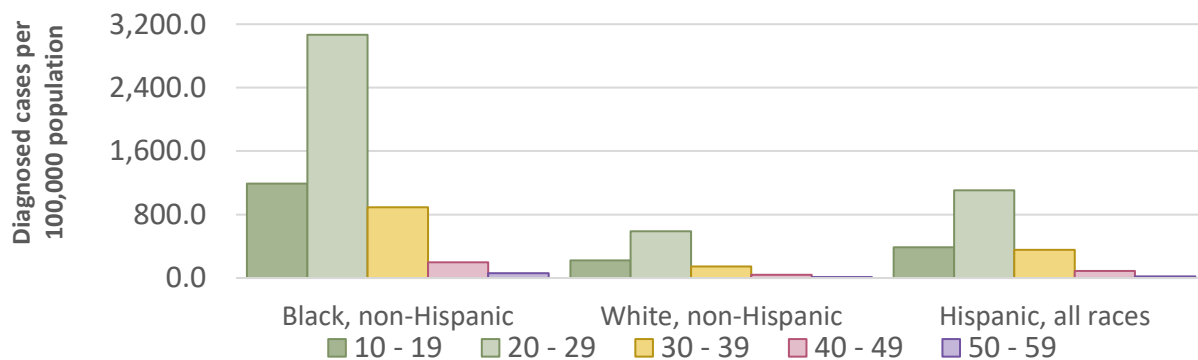
	Black, non-Hispanic		White, non-Hispanic		Hispanic, all races		Multi-race or other	Unknown
	No.	Rate	No.	Rate	No.	Rate	No.	No.
Total	13,551	787.0	6,732	126.1	2,700	315.7	1,355	15,973
Gender								
Male	5,073	613.0	1,893	71.8	767	174.2	401	401
Female	8,455	945.4	4,827	178.8	1,927	464.5	952	952
Transgender/ Other	23	--	12	--	6	--	2	2
Unknown	0	--	0	--	0	--	0	0

Figure 4CT. Chlamydia diagnoses by race/ethnicity and gender, 2021



	Black, non-Hispanic		White, non-Hispanic		Hispanic, all races		Multi-race or other	Unknown
	No.	Rate	No.	Rate	No.	Rate	No.	No.
Total	13,551	787.0	6,732	126.1	2,700	315.7	1,355	15,973
Age at diagnosis								
< 10	0	0.0	1	0.2	1	0.6	0	4
10 - 19	2,790	1,188.5	1,328	220.6	566	387.4	297	4,411
20 - 29	8,042	3,066.0	4,025	590.4	1,512	1,103.5	782	9,004
30 - 39	2,150	891.8	995	144.2	489	356.7	207	1,812
40 - 49	412	199.4	252	39.5	110	88.2	51	496
50 - 59	130	58.8	105	14.1	17	20.5	13	197
60 +	27	8.2	26	1.8	5	6.8	5	49

Figure 5CT. Chlamydia diagnoses by race/ethnicity and age, 2021



VIRGINIA STD SURVEILLANCE REPORT

Table 6CT. Chlamydia Diagnoses by Additional Demographics, 2021

	Male		Female		Transgender/ Other	
	No.	Rate	No.	Rate	No.	Rate
Total	14,112	333.8	26,150	599.4	49	--
Age at diagnosis						
< 10	0	0.0	6	1.2	0	--
10 - 19	2,143	393.2	7,245	1,381.0	4	--
20 - 29	8,232	1,358.3	15,101	2,654.6	32	--
30 - 39	2,648	447.6	2,996	509.6	9	--
40 - 49	708	132.7	610	112.0	3	--
50 - 59	302	54.9	159	27.5	1	--
60 +	79	9.0	33	3.1	0	--

Figure 6CT. Chlamydia diagnoses by gender and age at diagnosis, 2021

