

VIRGINIA STD SURVEILLANCE REPORT

Table 1CT New Chlamydia Diagnoses

	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Total	38,767	41,493	43,699	47,450	40,068	460.9	489.9	513.0	555.9	469.4	
Gender											
Male	13,065	14,130	15,211	16,899	13,763	315.8	339.1	363.0	402.3	327.7	
Female	25,585	27,001	28,316	30,499	26,158	598.5	627.4	654.4	703.5	603.4	
Transgender/other	50	15	37	38	29	--	--	--	--	--	
Unknown	67	347	135	14	118	--	--	--	--	--	
Age at diagnosis											
< 10	8	8	7	5	12	0.8	0.8	0.7	0.5	1.2	
10 - 14	208	206	218	226	212	39.8	39.3	41.3	43.0	40.4	
15 - 19	9,929	10,741	11,113	12,233	10,145	1,836.0	1,989.3	2,049.3	2,257.7	1,872.4	
20 - 24	15,653	16,509	17,199	18,351	15,430	2,653.9	2,832.7	2,971.4	3,210.4	2,699.4	
25 - 29	7,193	7,673	8,231	8,850	7,466	1,219.3	1,277.4	1,362.3	1,470.3	1,240.4	
30 - 34	2,991	3,174	3,515	3,943	3,547	513.8	542.9	599.7	670.1	602.8	
35 - 39	1,331	1,533	1,663	1,877	1,609	238.7	269.2	287.4	322.7	276.6	
40 - 44	575	681	749	920	781	108.9	129.9	142.3	173.3	147.1	
45 - 49	374	418	430	469	391	66.1	73.9	77.0	85.7	71.4	
50 - 54	231	250	273	265	228	38.7	42.9	48.1	47.9	41.2	
55 - 59	131	138	149	180	137	22.6	23.7	25.6	30.8	23.4	
60 - 64	50	61	72	62	61	10.0	11.9	13.7	11.7	11.5	
> 64	30	34	44	49	35	2.4	2.7	3.3	3.6	2.6	
Unknown	63	67	36	20	14	--	--	--	--	--	
Race/ethnicity											
Black, non-Hispanic	15,896	15,921	18,596	19,330	15,174	949.8	942.2	1,093.7	1,132.4	888.9	
White, non-Hispanic	7,966	8,277	9,734	9,923	7,745	148.7	154.8	182.2	185.9	145.1	
Hispanic (all races)	2,141	2,463	2,857	3,087	2,301	279.5	309.7	348.0	370.0	275.8	
Other/multi-race	1,197	1,130	1,402	1,491	1,154	--	--	--	--	--	
Unknown	11,567	13,702	11,110	13,619	13,694	--	--	--	--	--	
Health Region											
Central	9,164	9,504	10,095	10,393	8,851	640.5	659.4	695.2	711.5	605.9	
Eastern	13,472	14,084	14,958	16,343	14,405	725.9	760.1	806.2	879.5	775.2	
Northern	7,657	8,258	8,695	9,713	7,526	311.1	330.1	344.8	384.7	298.1	
Northwest	3,797	4,514	4,817	5,288	4,443	288.9	339.6	358.2	390.5	328.1	
Southwest	4,677	5,133	5,134	5,713	4,843	346.6	381.6	382.1	427.1	362.0	
Chlamydia ophthalmia neonatorum*											
Total diagnoses	8	10	9	12	2	--	--	--	--	--	

*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, 2016 - 2020

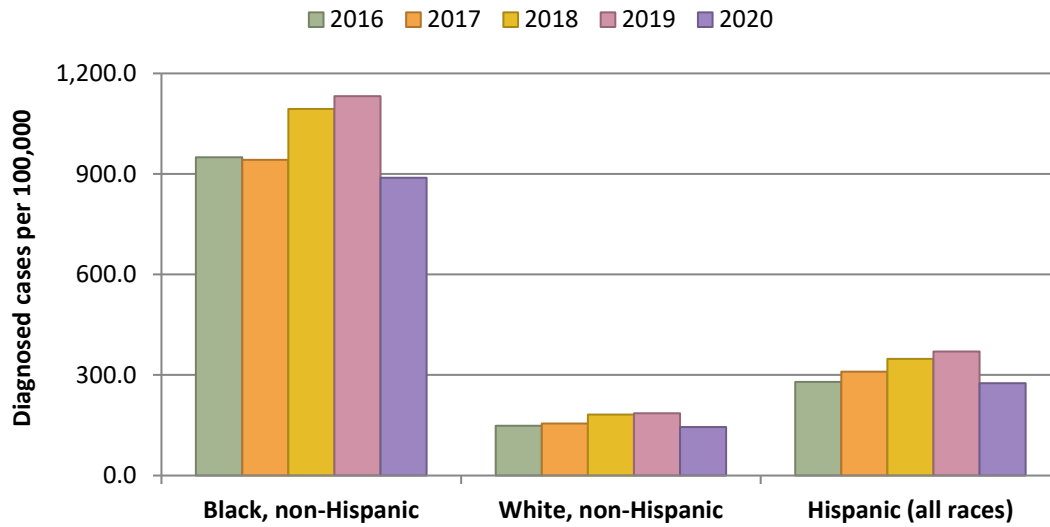


Figure 2CT. Rate of Chlamydia diagnoses by gender, 2016 - 2020

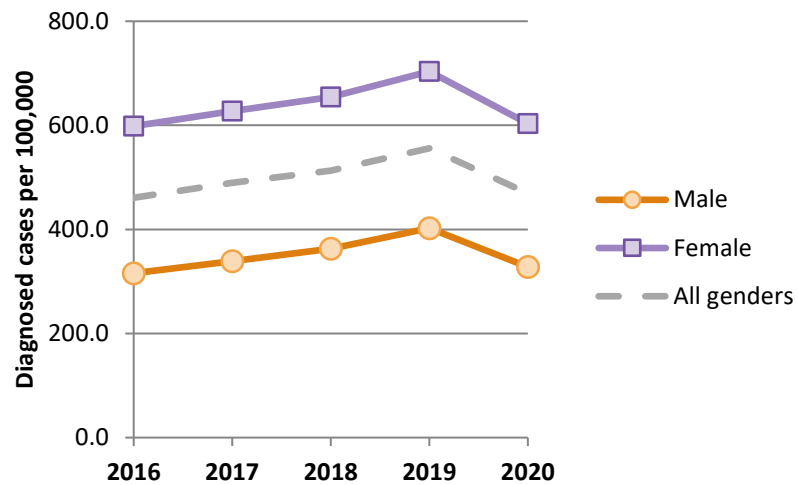
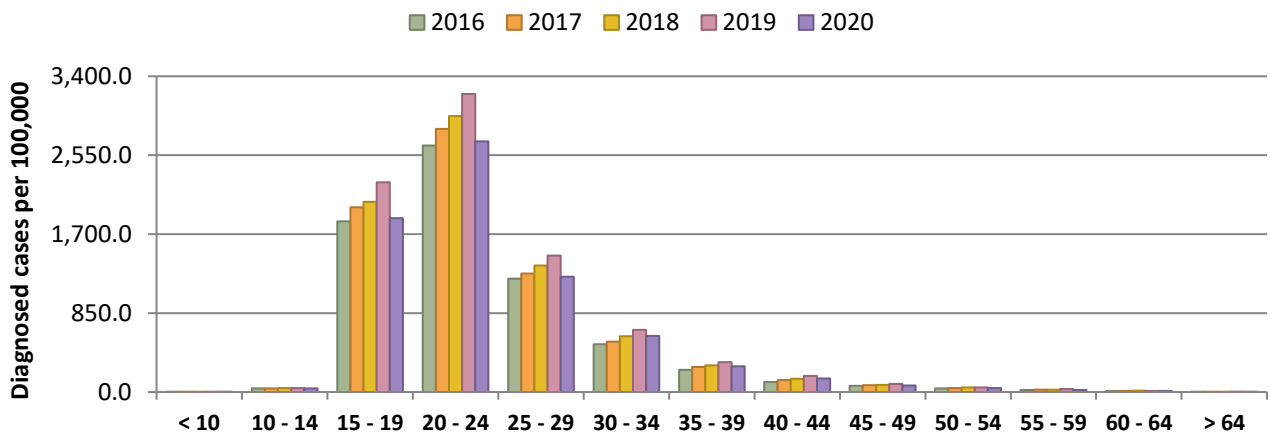


Figure 3CT. Rate of Chlamydia diagnoses by age in years, 2016 - 2020



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Table 2CT. Chlamydia Diagnoses by Region, 2020

	Central	Eastern	Northern	Northwest	Southwest
	No.	No.	No.	No.	No.
Total	8,851	14,405	7,526	4,443	4,843
Gender					
Male	2,922	5,038	2,821	1,411	1,571
Female	5,885	9,335	4,679	3,002	3,257
Transgender	45	68	33	13	10
<i>% Female</i> <i>% Male</i>					
Age in years					
< 10	4	1	4	3	0
10 - 14	39	91	33	21	28
15 - 19	2,398	3,681	1,648	1,161	1,257
20 - 24	3,272	5,662	2,775	1,787	1,934
25 - 29	1,718	2,657	1,452	805	834
30 - 34	763	1,295	720	353	416
35 - 39	327	517	405	185	175
40 - 44	167	240	210	65	99
45 - 49	73	130	110	24	54
50 - 54	47	57	83	22	19
55 - 59	16	44	50	12	15
60 - 64	18	17	21	1	4
> 64	7	6	12	4	6
Race/ethnicity					
Black, non-Hispanic	4,411	7,362	1,074	881	1,446
White, non-Hispanic	1,107	2,315	1,002	1,636	1,685
Hispanic (all races)	248	371	1,299	292	91
Other/ Multi-race	152	469	348	113	72
Unknown	2,933	3,888	3,803	1,521	1,549

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

	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	9,164	9,504	10,095	10,393	8,851	640.5	659.4	695.2	711.5	605.9	
Chesterfield Health District											
Chesterfield Co.	1,504	1,673	1,825	1,785	1,655	443.6	486.9	523.6	505.9	469.1	
Colonial Heights	93	125	83	114	70	523.3	701.1	465.4	656.3	403.0	
Powhatan Co.	62	56	75	55	53	218.0	195.8	256.9	185.5	178.7	
District Total	1,659	1,854	1,983	1,954	1,778	430.7	475.3	501.3	488.7	444.7	
Chickahominy Health District											
Charles City Co.	20	21	35	28	33	282.8	299.8	504.3	402.1	473.9	
Goochland Co.	63	50	53	74	59	277.9	220.4	228.0	311.5	248.4	
Hanover Co.	299	307	325	321	291	286.4	289.8	303.1	297.9	270.0	
New Kent Co.	46	42	61	47	47	217.5	193.7	272.4	203.5	203.5	
District Total	428	420	474	470	430	275.6	267.0	296.6	290.9	266.1	
Crater Health District											
Dinwiddie Co.	174	151	150	122	130	618.2	535.3	525.8	427.4	455.4	
Emporia	59	55	63	73	76	1,112.2	1,041.3	1,230.2	1,365.5	1,421.6	
Greensville Co.	57	56	70	63	64	486.9	479.5	602.0	555.8	564.6	
Hopewell	244	250	264	296	246	1,073.2	1,105.2	1,168.3	1,313.9	1,091.9	
Petersburg	525	443	562	532	480	1,646.7	1,395.3	1,780.3	1,697.2	1,531.3	
Prince George Co.	322	345	277	230	199	850.8	912.5	727.4	599.7	518.9	
Surry Co.	38	51	31	43	25	580.7	779.8	478.8	669.6	389.3	
Sussex Co.	79	65	66	64	58	686.7	571.5	587.3	573.5	519.8	
District Total	1,498	1,416	1,483	1,423	1,278	962.3	912.0	955.3	917.9	824.3	
Henrico Health District											
Henrico Co.	1,837	1,860	1,998	2,143	1,937	562.6	567.2	606.8	647.8	585.5	
District Total	1,837	1,860	1,998	2,143	1,937	562.6	567.2	606.8	647.8	585.5	
Piedmont Health District											
Amelia Co.	29	37	56	50	34	224.6	284.2	430.3	380.4	258.7	
Buckingham Co.	45	57	60	87	62	264.0	334.0	353.0	507.3	361.6	
Charlotte Co.	36	60	48	60	49	296.8	495.1	402.1	505.1	412.5	
Cumberland Co.	45	59	62	70	42	466.2	601.4	632.1	704.8	422.9	
Lunenburg Co.	37	51	49	80	40	301.5	416.8	405.4	656.0	328.0	
Nottoway Co.	120	170	206	196	95	769.5	1,101.5	1,335.9	1,286.8	623.7	
Prince Edward Co.	137	177	167	220	145	592.0	779.6	727.7	964.8	635.9	
District Total	449	611	648	763	467	437.0	596.8	634.0	745.6	456.3	
Richmond City Health District											
Richmond City	2,895	2,909	3,036	3,182	2,528	1,297.2	1,281.3	1,327.0	1,380.9	1,097.1	
District Total	2,895	2,909	3,036	3,182	2,528	1,297.2	1,281.3	1,327.0	1,380.9	1,097.1	
Southside Health District											
Brunswick Co.	121	123	150	106	116	744.9	757.2	915.5	653.1	714.7	
Halifax Co.	142	164	171	159	161	405.8	474.5	501.2	468.9	474.8	
Mecklenburg Co.	135	147	152	193	156	437.0	479.0	495.9	631.0	510.0	
District Total	398	434	473	458	433	484.6	532.6	582.8	567.3	536.4	

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

	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	13,472	14,084	14,958	16,343	14,405	725.9	760.1	806.2	879.5	775.2	
Chesapeake Health District											
Chesapeake	1,305	1,417	1,509	1,694	1,566	548.5	589.4	621.9	691.9	639.6	
District Total	1,305	1,417	1,509	1,694	1,566	548.5	589.4	621.9	691.9	639.6	
Eastern Shore Health District											
Accomack Co.	236	211	240	230	208	716.3	648.3	740.5	711.7	643.6	
Northampton Co.	105	105	92	77	70	865.0	886.4	784.0	657.6	597.8	
District Total	341	316	332	307	278	756.3	711.9	752.0	697.3	631.4	
Hampton Health District											
Hampton	1,412	1,449	1,562	1,839	1,513	1,042.8	1,076.0	1,163.0	1,367.2	1,124.8	
District Total	1,412	1,449	1,562	1,839	1,513	1,042.8	1,076.0	1,163.0	1,367.2	1,124.8	
Norfolk Health District											
Norfolk	3,049	2,897	3,192	3,585	3,015	1,243.9	1,183.9	1,307.8	1,476.9	1,242.1	
District Total	3,049	2,897	3,192	3,585	3,015	1,243.9	1,183.9	1,307.8	1,476.9	1,242.1	
Peninsula Health District											
James City Co.	188	220	256	257	215	252.7	291.3	335.1	335.8	281.0	
Newport News	1,827	1,972	2,026	2,074	1,936	1,004.8	1,099.3	1,134.2	1,157.2	1,080.2	
Poquoson	18	20	25	26	32	149.8	165.9	205.1	211.9	260.8	
Williamsburg	82	90	69	74	61	539.0	598.8	463.2	494.9	407.9	
York Co.	199	217	193	236	210	292.8	320.3	284.5	345.6	307.6	
District Total	2,314	2,519	2,569	2,667	2,454	658.4	720.3	734.1	759.3	698.6	
Portsmouth Health District											
Portsmouth	1,048	1,153	1,256	1,255	1,296	1,100.2	1,219.2	1,327.2	1,329.5	1,372.9	
District Total	1,048	1,153	1,256	1,255	1,296	1,100.2	1,219.2	1,327.2	1,329.5	1,372.9	
Three Rivers Health District											
Essex Co.	53	72	80	78	54	476.5	652.9	732.7	712.1	493.0	
Gloucester Co.	100	137	142	124	99	268.7	367.4	380.2	332.0	265.1	
King William Co.	60	53	51	66	49	367.3	317.2	301.1	384.9	285.7	
King and Queen Co.	25	25	19	31	23	349.2	357.0	269.8	441.3	327.4	
Lancaster Co.	45	47	64	82	64	410.1	435.7	593.5	773.4	603.6	
Mathews Co.	11	21	26	30	16	125.3	239.2	295.4	339.6	181.1	
Middlesex Co.	19	28	33	29	36	176.3	262.2	306.4	274.1	340.2	
Northumberland Co.	43	49	54	50	50	351.8	399.2	444.6	413.4	413.4	
Richmond Co.	25	33	52	43	36	284.9	369.2	575.3	476.6	399.0	
Westmoreland Co.	61	72	71	89	80	346.7	404.9	398.2	494.0	444.1	
District Total	442	537	592	622	507	313.6	380.1	418.0	439.2	358.0	
Virginia Beach Health District											
Virginia Beach	2,678	2,830	2,934	3,169	2,791	591.7	628.3	651.7	704.3	620.3	
District Total	2,678	2,830	2,934	3,169	2,791	591.7	628.3	651.7	704.3	620.3	
Western Tidewater Health District											
Franklin City	87	103	117	89	72	1,047.4	1,259.8	1,460.1	1,117.1	903.7	
Isle of Wight Co.	127	144	166	175	182	347.0	394.0	449.2	471.6	490.4	
Southampton Co.	86	74	79	101	83	476.3	416.9	449.2	572.9	470.8	
Suffolk	583	645	650	840	648	653.1	714.8	712.8	912.0	703.5	
District Total	883	966	1,012	1,205	985	580.0	632.6	658.3	778.3	636.2	

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

	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	7,657	8,258	8,695	9,713	7,526	311.1	330.1	344.8	384.7	298.1	
Alexandria Health District											
Alexandria	664	735	748	845	660	426.2	459.3	466.0	530.0	414.0	
District Total	664	735	748	845	660	426.2	459.3	466.0	530.0	414.0	
Arlington Health District											
Arlington	932	985	1,042	1,128	765	405.1	419.2	438.7	476.3	323.0	
District Total	932	985	1,042	1,128	765	405.1	419.2	438.7	476.3	323.0	
Fairfax Health District											
Fairfax City	63	89	76	69	52	260.7	369.3	309.3	287.3	216.5	
Fairfax Co.	2,936	3,205	3,241	3,746	2,881	257.8	279.1	281.6	326.4	251.1	
Falls Church	33	63	32	34	23	235.5	432.0	216.6	232.6	157.4	
District Total	3,032	3,357	3,349	3,849	2,956	257.6	282.8	281.4	324.5	249.2	
Loudoun Health District											
Loudoun Co.	878	931	940	1,015	864	227.5	233.9	231.0	245.4	208.9	
District Total	878	931	940	1,015	864	227.5	233.9	231.0	245.4	208.9	
Prince William Health District											
Manassas	186	232	243	233	234	448.4	559.0	583.6	567.1	569.6	
Manassas Park	56	83	87	92	82	351.9	500.3	502.7	526.4	469.2	
Prince William Co.	1,909	1,935	2,286	2,551	1,965	419.4	417.9	488.5	542.4	417.8	
District Total	2,151	2,250	2,616	2,876	2,281	419.6	431.8	496.4	543.8	431.3	

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

	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	3,797	4,514	4,817	5,288	4,443	288.9	339.6	358.2	390.5	328.1	
Blue Ridge Health District											
Albemarle Co.	281	320	368	383	328	262.9	297.1	338.5	350.3	300.0	
Charlottesville	212	254	256	317	191	451.9	529.0	532.0	670.7	404.1	
Fluvanna Co.	41	47	76	88	62	156.1	177.7	283.8	322.7	227.4	
Greene Co.	42	40	59	50	69	216.8	204.0	298.3	252.3	348.2	
Louisa Co.	71	90	98	115	106	201.5	251.0	266.5	305.9	282.0	
Nelson Co.	36	32	41	53	46	242.1	214.1	276.4	355.0	308.1	
District Total	683	783	898	1,006	802	273.7	310.0	352.1	392.7	313.0	
Central Shenandoah District											
Augusta Co.	138	172	209	210	195	184.0	228.9	277.0	277.9	258.1	
Bath Co.	5	12	11	12	7	111.7	279.3	256.3	289.4	168.8	
Buena Vista	10	26	13	36	14	155.0	410.9	208.4	555.7	216.1	
Harrisonburg	314	400	398	402	411	591.6	737.8	736.6	758.3	775.2	
Highland Co.	3	0	0	1	3	135.4	0.0	0.0	45.7	137.0	
Lexington	4	19	12	32	22	56.8	267.4	168.2	429.8	295.5	
Rockbridge Co.	54	33	43	74	47	241.2	145.6	189.0	327.8	208.2	
Rockingham Co.	152	194	219	240	236	190.6	241.8	269.6	292.9	288.0	
Staunton	87	105	119	127	105	357.1	428.1	477.5	509.4	421.1	
Waynesboro	81	146	141	159	111	370.1	653.9	623.1	702.6	490.5	
District Total	848	1,107	1,165	1,293	1,151	285.9	370.2	387.2	429.7	382.5	
Lord Fairfax Health District											
Clarke Co.	27	28	22	24	23	187.8	193.0	151.5	164.2	157.3	
Frederick Co.	192	195	242	264	219	227.4	225.5	273.9	295.6	245.2	
Page Co.	26	49	52	85	56	109.9	206.5	217.3	355.6	234.3	
Shenandoah Co.	81	110	83	109	119	187.6	254.5	190.8	249.9	272.8	
Warren Co.	112	96	108	140	136	286.0	242.7	270.0	348.6	338.6	
Winchester	135	134	140	160	140	490.6	479.7	498.1	569.8	498.6	
District Total	573	612	647	782	693	246.7	259.9	271.4	326.3	289.1	
Rappahannock Health District											
Caroline Co.	107	138	143	145	86	354.6	453.0	464.7	471.9	279.9	
Fredericksburg	192	240	212	201	177	678.5	846.3	727.4	692.2	609.6	
King George Co.	83	84	108	107	83	319.4	318.9	406.4	398.7	309.3	
Spotsylvania Co.	413	479	529	577	486	312.9	360.1	394.1	423.6	356.8	
Stafford Co.	466	535	620	679	519	322.8	364.8	413.4	444.1	339.5	
District Total	1,261	1,476	1,612	1,709	1,351	349.5	404.6	434.9	454.9	359.6	
Rappahannock/Rapidan Health District											
Culpeper Co.	119	201	199	164	146	237.6	392.0	383.7	311.8	277.5	
Fauquier Co.	152	176	164	184	182	220.1	253.4	232.0	258.3	255.5	
Madison Co.	35	45	31	22	23	267.6	338.9	233.2	165.9	173.4	
Orange Co.	106	99	87	108	86	298.3	274.4	237.4	291.5	232.1	
Rappahannock Co.	20	15	14	20	9	270.7	204.9	193.1	271.4	122.1	
District Total	432	536	495	498	446	246.6	302.1	275.4	274.4	245.7	

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

	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	4,677	5,133	5,134	5,713	4,843	346.6	381.6	382.1	427.1	362.0	
Alleghany Health District											
Alleghany Co.	38	30	37	40	30	243.7	198.4	248.2	269.2	201.9	
Botetourt Co.	56	64	48	70	72	168.5	192.8	144.2	209.5	215.4	
Covington	21	19	24	31	21	380.6	343.5	439.6	559.8	379.2	
Craig Co.	5	14	11	21	11	96.9	276.6	217.2	409.3	214.4	
Roanoke Co.	269	211	213	294	318	286.1	225.1	226.4	312.1	337.6	
Salem	72	67	75	104	98	281.8	259.1	292.5	411.1	387.3	
District Total	461	405	408	560	550	257.4	226.9	228.7	313.8	308.2	
Central Virginia Health District											
Amherst Co.	113	107	101	111	123	357.2	338.7	319.0	351.2	389.2	
Appomattox Co.	54	70	54	71	79	348.9	446.4	340.9	446.2	496.5	
Bedford Co.	137	135	164	154	185	175.7	173.1	208.3	194.9	234.2	
Campbell Co.	163	154	191	229	218	296.6	279.9	347.4	417.2	397.2	
Lynchburg	541	594	611	555	479	674.5	733.4	744.0	675.4	583.0	
District Total	1,008	1,060	1,121	1,120	1,084	387.3	405.7	425.6	424.9	411.3	
Cumberland Plateau Health District											
Buchanan Co.	14	15	16	20	19	63.1	69.7	75.4	95.2	90.5	
Dickenson Co.	15	33	26	30	18	100.2	223.2	179.0	209.5	125.7	
Russell Co.	42	42	60	46	25	153.5	155.3	224.3	173.0	94.0	
Tazewell Co.	93	49	75	66	63	220.6	119.2	183.6	162.6	155.2	
District Total	164	139	177	162	125	153.8	133.1	171.3	158.0	121.9	
Lenowisco Health District											
Lee Co.	24	41	34	40	20	99.3	172.6	144.4	170.8	85.4	
Norton	14	13	13	15	13	362.3	330.3	327.6	376.8	326.6	
Scott Co.	38	46	53	40	45	173.3	210.4	246.1	185.5	208.7	
Wise Co.	98	89	117	100	95	249.8	230.7	307.8	267.5	254.1	
District Total	174	189	217	195	173	195.1	214.4	249.3	225.8	200.3	
Mount Rogers Health District											
Bland Co.	2	8	8	19	6	30.7	126.0	127.1	302.5	95.5	
Bristol	74	73	60	82	56	436.3	434.8	364.0	489.2	334.1	
Carroll Co.	53	51	69	78	54	179.5	171.7	232.8	261.8	181.3	
Galax	27	31	26	24	23	398.5	467.9	404.8	378.1	362.4	
Grayson Co.	22	36	32	45	38	145.6	229.8	204.7	289.4	244.4	
Smyth Co.	79	119	146	103	70	254.3	388.2	479.1	342.1	232.5	
Washington Co.	82	112	99	109	88	151.3	205.9	182.0	202.8	163.8	
Wythe Co.	61	73	85	64	78	210.2	252.8	295.6	223.1	271.9	
District Total	400	503	525	524	413	211.4	266.0	279.1	279.8	220.6	
New River Health District											
Floyd Co.	11	11	11	24	39	69.9	69.8	69.6	152.4	247.6	
Giles Co.	51	45	17	25	34	302.5	267.3	100.9	149.5	203.3	
Montgomery Co.	307	349	375	487	367	311.4	354.1	378.8	494.2	372.5	
Pulaski Co.	97	87	123	98	75	283.6	254.5	361.1	288.0	220.4	
Radford	192	224	251	261	149	1,098.2	1,268.5	1,368.7	1,430.2	816.5	
District Total	658	716	777	895	664	359.8	391.3	422.2	488.3	362.3	
Pittsylvania/Danville Health District											
Danville	299	398	361	413	320	713.6	967.7	887.1	1,031.4	799.1	

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

	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	4,677	5,133	5,134	5,713	4,843	346.6	381.6	382.1	427.1	362.0	
Pittsylvania/Danville Health District											
Pittsylvania Co.	160	170	193	246	178	259.4	277.5	316.7	407.6	294.9	
District Total	459	568	554	659	498	443.1	554.8	545.1	656.4	496.0	
Roanoke Health District											
Roanoke	909	1,081	894	1,118	882	912.1	1,082.8	894.7	1,127.7	889.6	
District Total	909	1,081	894	1,118	882	912.1	1,082.8	894.7	1,127.7	889.6	
West Piedmont Health District											
Franklin Co.	129	170	144	168	154	230.1	301.2	256.3	299.8	274.8	
Henry Co.	168	173	172	164	176	326.6	337.7	337.6	324.4	348.1	
Martinsville	118	100	124	107	92	877.6	760.9	961.1	852.3	732.8	
Patrick Co.	29	29	21	41	32	161.8	164.2	118.8	232.8	181.7	
District Total	444	472	461	480	454	319.7	340.8	334.7	351.0	332.0	

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

	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020	% Change	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate		
Alexandria	664	735	748	845	660	426.2	459.3	466.0	530.0	414.0	-12.0%	
Alleghany	461	405	408	560	550	257.4	226.9	228.7	313.8	308.2	20.1%	
Arlington	932	985	1,042	1,128	765	405.1	419.2	438.7	476.3	323.0	-25.7%	
Blue Ridge	683	783	898	1,006	802	273.7	310.0	352.1	392.7	313.0	-5.7%	
Central Shenandoah	848	1,107	1,165	1,293	1,151	285.9	370.2	387.2	429.7	382.5	3.9%	
Central Virginia	1,008	1,060	1,121	1,120	1,084	387.3	405.7	425.6	424.9	411.3	0.1%	
Chesapeake	1,305	1,417	1,509	1,694	1,566	548.5	589.4	621.9	691.9	639.6	4.4%	
Chesterfield	1,659	1,854	1,983	1,954	1,778	430.7	475.3	501.3	488.7	444.7	-6.2%	
Chickahominy	428	420	474	470	430	275.6	267.0	296.6	290.9	266.1	-5.8%	
Crater	1,498	1,416	1,483	1,423	1,278	962.3	912.0	955.3	917.9	824.3	-12.0%	
Cumberland Plateau	164	139	177	162	125	153.8	133.1	171.3	158.0	121.9	-20.8%	
Eastern Shore	341	316	332	307	278	756.3	711.9	752.0	697.3	631.4	-13.4%	
Fairfax	3,032	3,357	3,349	3,849	2,956	257.6	282.8	281.4	324.5	249.2	-13.0%	
Hampton	1,412	1,449	1,562	1,839	1,513	1,042.8	1,076.0	1,163.0	1,367.2	1,124.8	-3.2%	
Henrico	1,837	1,860	1,998	2,143	1,937	562.6	567.2	606.8	647.8	585.5	-1.8%	
Lenowisco	174	189	217	195	173	195.1	214.4	249.3	225.8	200.3	-9.4%	
Lord Fairfax	573	612	647	782	693	246.7	259.9	271.4	326.3	289.1	4.7%	
Loudoun Co.	878	931	940	1,015	864	227.5	233.9	231.0	245.4	208.9	-10.9%	
Mount Rogers	400	503	525	524	413	211.4	266.0	279.1	279.8	220.6	-14.9%	
New River	658	716	777	895	664	359.8	391.3	422.2	488.3	362.3	-12.8%	
Norfolk	3,049	2,897	3,192	3,585	3,015	1,243.9	1,183.9	1,307.8	1,476.9	1,242.1	-4.7%	
Peninsula	2,314	2,519	2,569	2,667	2,454	658.4	720.3	734.1	759.3	698.6	-2.7%	
Piedmont	449	611	648	763	467	437.0	596.8	634.0	745.6	456.3	-24.4%	
Pittsylvania/Danville	459	568	554	659	498	443.1	554.8	545.1	656.4	496.0	-9.8%	
Portsmouth	1,048	1,153	1,256	1,255	1,296	1,100.2	1,219.2	1,327.2	1,329.5	1,372.9	10.4%	
Prince William	2,151	2,250	2,616	2,876	2,281	419.6	431.8	496.4	543.8	431.3	-8.8%	
Rappahannock	1,261	1,476	1,612	1,709	1,351	349.5	404.6	434.9	454.9	359.6	-12.5%	
Rapp./Rapidan	432	536	495	498	446	246.6	302.1	275.4	274.4	245.7	-10.5%	
Richmond City	2,895	2,909	3,036	3,182	2,528	1,297.2	1,281.3	1,327.0	1,380.9	1,097.1	-17.0%	
Roanoke City	909	1,081	894	1,118	882	912.1	1,082.8	894.7	1,127.7	889.6	-11.4%	
Southside	398	434	473	458	433	484.6	532.6	582.8	567.3	536.4	-1.0%	
Three Rivers	442	537	592	622	507	313.6	380.1	418.0	439.2	358.0	-7.7%	
Virginia Beach	2,678	2,830	2,934	3,169	2,791	591.7	628.3	651.7	704.3	620.3	-3.7%	
West Piedmont	444	472	461	480	454	319.7	340.8	334.7	351.0	332.0	-1.4%	
Western Tidewater	883	966	1,012	1,205	985	580.0	632.6	658.3	778.3	636.2	-3.9%	
Virginia Total	38,767	41,493	43,699	47,450	40,068	460.9	489.9	513.0	555.9	469.4	-7.0%	

*Percent change compares the 2020 rate to the 2016 - 2019 average annual rate.

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Table 4CT-b. Chlamydia diagnoses by health district, by descending rate (2020)

	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020	% Change	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate		
Portsmouth	1,048	1,153	1,256	1,255	1,296	1,100.2	1,219.2	1,327.2	1,329.5	1,372.9	10.4%	
Norfolk	3,049	2,897	3,192	3,585	3,015	1,243.9	1,183.9	1,307.8	1,476.9	1,242.1	-4.7%	
Hampton	1,412	1,449	1,562	1,839	1,513	1,042.8	1,076.0	1,163.0	1,367.2	1,124.8	-3.2%	
Richmond City	2,895	2,909	3,036	3,182	2,528	1,297.2	1,281.3	1,327.0	1,380.9	1,097.1	-17.0%	
Roanoke City	909	1,081	894	1,118	882	912.1	1,082.8	894.7	1,127.7	889.6	-11.4%	
Crater	1,498	1,416	1,483	1,423	1,278	962.3	912.0	955.3	917.9	824.3	-12.0%	
Peninsula	2,314	2,519	2,569	2,667	2,454	658.4	720.3	734.1	759.3	698.6	-2.7%	
Chesapeake	1,305	1,417	1,509	1,694	1,566	548.5	589.4	621.9	691.9	639.6	4.4%	
Western Tidewater	883	966	1,012	1,205	985	580.0	632.6	658.3	778.3	636.2	-3.9%	
Eastern Shore	341	316	332	307	278	756.3	711.9	752.0	697.3	631.4	-13.4%	
Virginia Beach	2,678	2,830	2,934	3,169	2,791	591.7	628.3	651.7	704.3	620.3	-3.7%	
Henrico	1,837	1,860	1,998	2,143	1,937	562.6	567.2	606.8	647.8	585.5	-1.8%	
Southside	398	434	473	458	433	484.6	532.6	582.8	567.3	536.4	-1.0%	
Pittsylvania/Danville	459	568	554	659	498	443.1	554.8	545.1	656.4	496.0	-9.8%	
Virginia Total	38,767	41,493	43,699	47,450	40,068	460.9	489.9	513.0	555.9	469.4	-7.0%	
Piedmont	449	611	648	763	467	437.0	596.8	634.0	745.6	456.3	-24.4%	
Chesterfield	1,659	1,854	1,983	1,954	1,778	430.7	475.3	501.3	488.7	444.7	-6.2%	
Prince William	2,151	2,250	2,616	2,876	2,281	419.6	431.8	496.4	543.8	431.3	-8.8%	
Alexandria	664	735	748	845	660	426.2	459.3	466.0	530.0	414.0	-12.0%	
Central Virginia	1,008	1,060	1,121	1,120	1,084	387.3	405.7	425.6	424.9	411.3	0.1%	
Central Shenandoah	848	1,107	1,165	1,293	1,151	285.9	370.2	387.2	429.7	382.5	3.9%	
New River	658	716	777	895	664	359.8	391.3	422.2	488.3	362.3	-12.8%	
Rappahannock	1,261	1,476	1,612	1,709	1,351	349.5	404.6	434.9	454.9	359.6	-12.5%	
Three Rivers	442	537	592	622	507	313.6	380.1	418.0	439.2	358.0	-7.7%	
West Piedmont	444	472	461	480	454	319.7	340.8	334.7	351.0	332.0	-1.4%	
Arlington	932	985	1,042	1,128	765	405.1	419.2	438.7	476.3	323.0	-25.7%	
Blue Ridge	683	783	898	1,006	802	273.7	310.0	352.1	392.7	313.0	-5.7%	
Alleghany	461	405	408	560	550	257.4	226.9	228.7	313.8	308.2	20.1%	
Lord Fairfax	573	612	647	782	693	246.7	259.9	271.4	326.3	289.1	4.7%	
Chickahominy	428	420	474	470	430	275.6	267.0	296.6	290.9	266.1	-5.8%	
Fairfax	3,032	3,357	3,349	3,849	2,956	257.6	282.8	281.4	324.5	249.2	-13.0%	
Rapp./Rapidan	432	536	495	498	446	246.6	302.1	275.4	274.4	245.7	-10.5%	
Mount Rogers	400	503	525	524	413	211.4	266.0	279.1	279.8	220.6	-14.9%	
Loudoun Co.	878	931	940	1,015	864	227.5	233.9	231.0	245.4	208.9	-10.9%	
Lenowisco	174	189	217	195	173	195.1	214.4	249.3	225.8	200.3	-9.4%	
Cumberland Plateau	164	139	177	162	125	153.8	133.1	171.3	158.0	121.9	-20.8%	

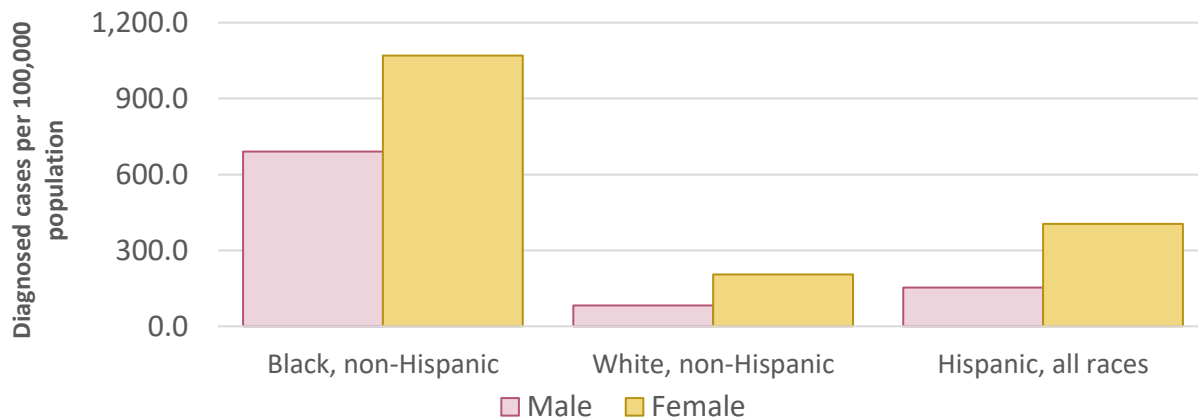
*Percent change compares the 2020 rate to the 2016 - 2019 average annual rate.

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Table 5CT. Chlamydia Diagnoses by Additional Demographics, 2020

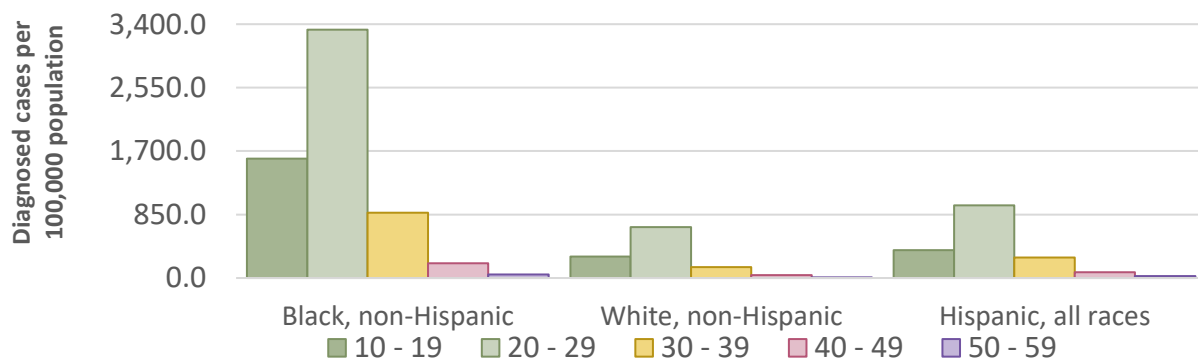
	Black, non-Hispanic		White, non-Hispanic		Hispanic, all races		Multi-race or other	Unknown
	No.	Rate	No.	Rate	No.	Rate	No.	No.
Total	15,174	888.9	7,745	145.1	2,301	275.8	1,154	13,694
Gender								
Male	5,667	690.9	2,178	82.5	656	152.6	369	4,893
Female	9,485	1,069.6	5,543	205.2	1,639	405.0	783	8,708
Transgender/ Other	15	--	6	--	4	--	1	3
Unknown	7	--	18	--	2	--	1	90

Figure 4CT. Chlamydia diagnoses by race/ethnicity and gender, 2020



	Black, non-Hispanic		White, non-Hispanic		Hispanic, all races		Multi-race or other	Unknown
	No.	Rate	No.	Rate	No.	Rate	No.	No.
Total	15,174	888.9	7,745	145.1	2,301	275.8	1,154	13,694
Age at diagnosis								
< 10	2	0.8	0	0.0	1	0.6	0	9
10 - 19	3,764	1,600.5	1,734	285.8	522	373.1	245	4,092
20 - 29	8,793	3,327.5	4,659	680.3	1,286	973.4	692	7,466
30 - 39	2,066	873.0	1,003	146.5	377	273.1	167	1,543
40 - 49	405	197.1	246	38.1	92	76.4	37	392
50 - 59	110	49.2	76	10.1	21	26.4	11	147
60 +	29	9.1	25	4.4	2	2.9	2	39

Figure 5CT. Chlamydia diagnoses by race/ethnicity and age, 2020



VIRGINIA STD SURVEILLANCE REPORT

Table 6CT. Chlamydia Diagnoses by Additional Demographics, 2020

	Male		Female		Transgender/ Other	
	No.	Rate	No.	Rate	No.	Rate
Total	13,763	327.7	26,158	603.4	29	--
Age at diagnosis						
< 10	3	0.6	7	1.4	0	--
10 - 19	2,426	446.5	7,895	1,507.5	2	--
20 - 29	8,027	1,328.2	14,785	2,597.5	14	--
30 - 39	2,358	401.5	2,784	477.7	7	--
40 - 49	637	119.4	529	97.1	4	--
50 - 59	246	44.4	117	20.1	2	--
60 +	63	7.4	34	3.3	0	--

Figure 6CT. Chlamydia diagnoses by gender and age at diagnosis, 2020

