

VIRGINIA STD SURVEILLANCE REPORT

Table 1GC New Gonorrhea Diagnoses

	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Total	8,640	10,834	12,194	11,962	13,607	103.1	128.8	144.0	140.4	159.4	
Gender											
Male	4,387	5,859	6,600	6,617	7,663	106.4	141.6	158.4	157.9	182.4	
Female	4,239	4,946	5,516	5,302	5,905	99.5	115.7	128.2	122.5	136.2	
Transgender/other	14	21	22	22	34	--	--	--	--	--	
Unknown	0	8	56	21	5	--	--	--	--	--	
Age at diagnosis											
< 10	3	3	4	3	4	0.3	0.3	0.4	0.3	0.4	
10 - 14	32	43	37	52	54	6.1	8.2	7.1	9.8	10.3	
15 - 19	1,702	1,953	2,235	2,061	2,262	316.2	361.1	413.9	380.1	417.5	
20 - 24	3,107	3,523	3,821	3,617	4,204	517.8	597.3	655.6	624.9	735.5	
25 - 29	1,854	2,399	2,797	2,719	3,049	309.5	406.7	465.6	450.0	506.5	
30 - 34	869	1,216	1,382	1,473	1,713	148.6	208.9	236.4	251.3	291.1	
35 - 39	415	673	778	866	980	75.9	120.7	136.6	149.7	168.5	
40 - 44	236	354	383	400	509	43.5	67.0	73.1	76.0	95.9	
45 - 49	166	250	288	285	303	29.5	44.2	50.9	51.1	55.3	
50 - 54	137	204	209	212	232	22.6	34.2	35.8	37.4	42.0	
55 - 59	64	118	129	139	153	11.2	20.4	22.1	23.8	26.2	
60 - 64	38	51	78	82	93	7.8	10.2	15.2	15.7	17.5	
> 64	12	32	38	48	50	1.0	2.6	3.0	3.6	3.7	
Unknown	5	15	15	5	1	--	--	--	--	--	
Race/ethnicity											
Black, non-Hispanic	5,666	6,754	7,046	7,418	8,408	340.8	403.6	417.0	436.3	492.5	
White, non-Hispanic	1,331	1,573	1,861	2,171	2,551	24.8	29.4	34.8	40.6	47.8	
Hispanic (all races)	267	349	357	414	491	35.4	45.6	44.9	50.4	58.8	
Other/multi-race	158	230	255	292	355	--	--	--	--	--	
Unknown	1,218	1,928	2,675	1,667	1,802	--	--	--	--	--	
Health Region											
Central	2,470	3,346	3,374	3,380	3,787	173.7	233.9	234.1	232.8	259.3	
Eastern	3,708	4,235	4,804	4,655	5,454	199.9	228.2	259.3	250.9	293.5	
Northern	965	1,374	1,540	1,536	1,690	39.4	55.8	61.6	60.9	66.9	
Northwest	497	561	858	991	1,047	38.2	42.7	64.5	73.7	77.3	
Southwest	1,000	1,318	1,618	1,400	1,629	73.7	97.7	120.3	104.2	121.8	
Gonorrhea ophthalmia neonatorum*											
Total diagnoses	0	3	2	3	1	--	--	--	--	--	
Disseminated gonorrhea infection (DGI)**											
Total diagnoses	--	--	--	3	9	--	--	--	--	--	

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

**DGI cases are counted when a case meets either one of two criteria: (1) A positive *Neisseria gonorrhoeae* culture from an appropriate specimen collection site, e.g. synovial fluid; (2) A positive gonorrhea laboratory test at any specimen site with a clinical diagnosis of disseminated gonorrhea infection. DGI cases are also included in the total number of gonorrhea diagnoses in Virginia in the rest of this report. Virginia began counting DGI cases in 2019, retroactively reviewing cases through 2018.

Figure 1GC. Rate of Gonorrhea diagnoses by race/ethnicity, 2015 - 2019

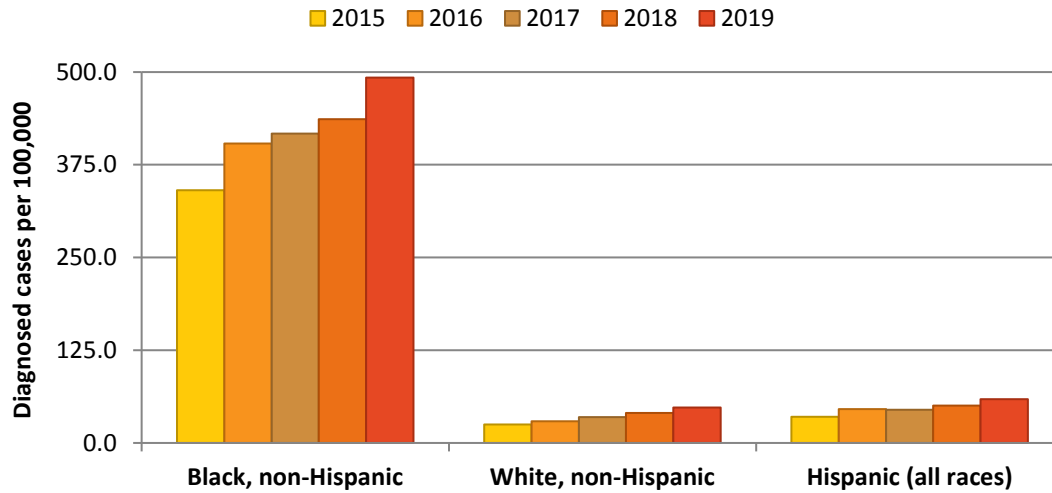


Figure 2GC. Rate of Gonorrhea diagnoses by gender, 2015 - 2019

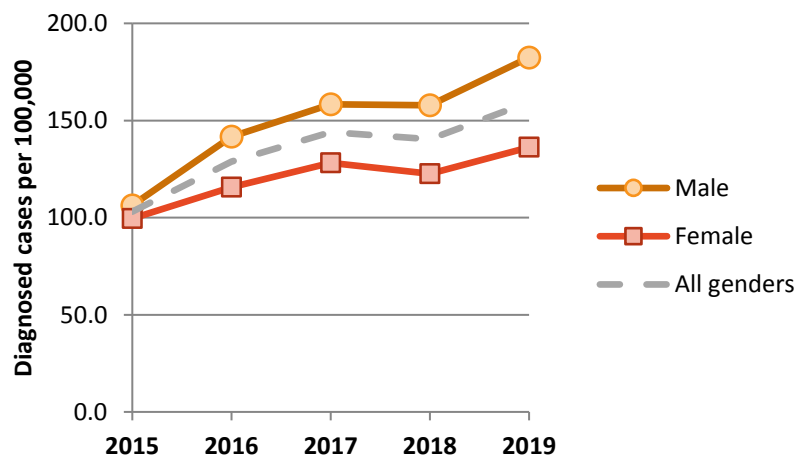
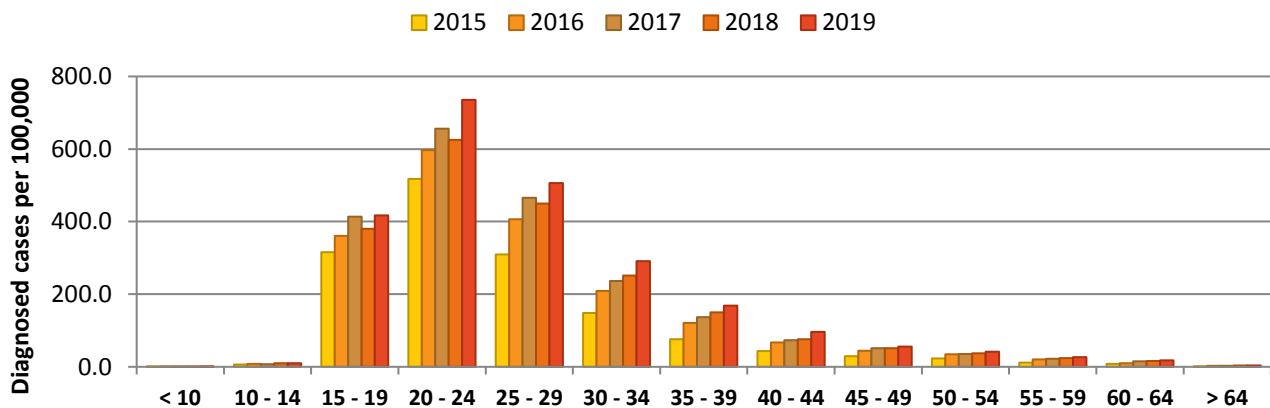


Figure 3GC. Rate of Gonorrhea diagnoses by age in years, 2015 - 2019



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Table 2GC. Gonorrhea Diagnoses by Region, 2019

	Central	Eastern	Northern	Northwest	Southwest
	No.	No.	No.	No.	No.
Total	3,787	5,454	1,690	1,047	1,629
Gender					
Male	2,133	2,924	1,235	602	769
Female	1,639	2,512	452	444	858
Transgender	13	15	3	1	2
<i>% Female</i>					
<i>% Male</i>					
Age in years					
< 10	1	1	0	1	1
10 - 14	12	21	0	7	14
15 - 19	625	983	193	151	310
20 - 24	1,143	1,837	427	296	501
25 - 29	810	1,223	427	252	337
30 - 34	500	641	238	129	205
35 - 39	267	326	180	89	118
40 - 44	152	191	62	45	59
45 - 49	94	85	59	36	29
50 - 54	65	66	48	23	30
55 - 59	62	32	37	12	10
60 - 64	30	35	14	5	9
> 64	26	13	5	1	5
Race/ethnicity					
Black, non-Hispanic	2,806	3,982	527	360	733
White, non-Hispanic	450	707	369	434	591
Hispanic (all races)	63	107	248	46	27
Other/ Multi-race	56	125	118	33	23
Unknown	412	533	428	174	255

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Table 3GC-a. Central Region GC 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	2,470	3,346	3,374	3,380	3,787	173.7	233.9	234.1	232.8	259.3	
Chesterfield Health District											
Chesterfield Co.	265	427	460	501	539	78.9	126.0	133.9	143.7	152.8	
Colonial Heights	21	35	28	33	34	117.8	196.9	157.0	185.1	195.7	
Powhatan Co.	12	11	15	15	13	42.8	38.7	52.4	51.4	43.8	
District Total	298	473	503	549	586	78.1	122.8	129.0	138.8	146.6	
Chickahominy Health District											
Charles City Co.	11	10	6	10	7	156.3	141.4	85.7	144.1	100.5	
Goochland Co.	4	15	10	11	16	18.0	66.2	44.1	47.3	67.4	
Hanover Co.	37	75	76	61	65	35.8	71.8	71.8	56.9	60.3	
New Kent Co.	5	17	15	18	12	24.5	80.4	69.2	80.4	52.0	
District Total	57	117	107	100	100	37.3	75.3	68.0	62.6	61.9	
Crater Health District											
Dinwiddie Co.	17	47	36	42	54	61.0	167.0	127.6	147.2	189.2	
Emporia	18	19	18	16	25	327.5	358.2	340.8	312.4	467.6	
Greensville Co.	9	15	18	11	13	75.7	128.1	154.1	94.6	114.7	
Hopewell	84	106	103	97	114	375.4	466.2	455.3	429.3	506.0	
Petersburg	239	247	229	223	311	735.9	774.7	721.3	706.4	992.2	
Prince George Co.	43	69	86	84	103	113.6	182.3	227.5	220.6	268.6	
Surry Co.	9	8	16	14	11	134.1	122.2	244.6	216.2	171.3	
Sussex Co.	25	21	36	23	24	213.4	182.5	316.5	204.7	215.1	
District Total	444	532	542	510	655	283.9	341.8	349.1	328.5	422.5	
Henrico Health District											
Henrico Co.	463	692	722	645	779	142.4	211.9	220.2	195.9	235.5	
District Total	463	692	722	645	779	142.4	211.9	220.2	195.9	235.5	
Piedmont Health District											
Amelia Co.	5	12	9	11	11	38.8	92.9	69.1	84.5	83.7	
Buckingham Co.	25	4	29	26	10	146.8	23.5	169.9	153.0	58.3	
Charlotte Co.	9	10	13	9	19	73.8	82.4	107.3	75.4	159.9	
Cumberland Co.	7	14	18	12	17	72.0	145.0	183.5	122.3	171.2	
Lunenburg Co.	8	8	9	16	21	65.0	65.2	73.6	132.4	172.2	
Nottoway Co.	3	10	23	35	25	19.1	64.1	149.0	227.0	164.1	
Prince Edward Co.	28	29	33	23	51	122.0	125.3	145.4	100.2	223.7	
District Total	85	87	134	132	154	82.7	84.7	130.9	129.1	150.5	
Richmond City Health District											
Richmond City	1,016	1,338	1,246	1,300	1,357	461.2	599.5	548.8	568.2	588.9	
District Total	1,016	1,338	1,246	1,300	1,357	461.2	599.5	548.8	568.2	588.9	
Southside Health District											
Brunswick Co.	31	26	28	40	35	185.7	160.1	172.4	244.1	215.6	
Halifax Co.	39	52	43	48	61	111.0	148.6	124.4	140.7	179.9	
Mecklenburg Co.	37	29	49	56	60	119.0	93.9	159.7	182.7	196.2	
District Total	107	107	120	144	156	129.1	130.3	147.3	177.4	193.2	

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Table 3GC-b. Eastern Region GC 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	3,708	4,235	4,804	4,655	5,454	199.9	228.2	259.3	250.9	293.5	
Chesapeake Health District											
Chesapeake	319	365	451	453	568	135.5	153.4	187.6	186.7	232.0	
District Total	319	365	451	453	568	135.5	153.4	187.6	186.7	232.0	
Eastern Shore Health District											
Accomack Co.	40	29	40	66	41	121.3	88.0	122.9	203.6	126.9	
Northampton Co.	13	11	12	16	16	107.0	90.6	101.3	136.3	136.6	
District Total	53	40	52	82	57	117.4	88.7	117.1	185.7	129.5	
Hampton Health District											
Hampton	452	480	574	491	573	331.2	354.5	426.2	365.6	426.0	
District Total	452	480	574	491	573	331.2	354.5	426.2	365.6	426.0	
Norfolk Health District											
Norfolk	862	997	1,085	1,116	1,281	349.8	406.7	443.4	457.2	527.7	
District Total	862	997	1,085	1,116	1,281	349.8	406.7	443.4	457.2	527.7	
Peninsula Health District											
James City Co.	58	48	51	41	68	79.3	64.5	67.5	53.7	88.9	
Newport News	598	719	816	769	825	327.9	395.4	454.9	430.5	460.3	
Poquoson	1	1	5	5	3	8.3	8.3	41.5	41.0	24.4	
Williamsburg	12	23	17	22	23	79.7	151.2	113.1	147.7	153.8	
York Co.	27	34	51	54	52	39.8	50.0	75.3	79.6	76.2	
District Total	696	825	940	891	971	198.6	234.8	268.8	254.6	276.4	
Portsmouth Health District											
Portsmouth	337	477	475	536	639	350.3	500.8	502.3	566.4	676.9	
District Total	337	477	475	536	639	350.3	500.8	502.3	566.4	676.9	
Three Rivers Health District											
Essex Co.	6	14	21	12	11	53.9	125.9	190.4	109.9	100.4	
Gloucester Co.	9	24	26	32	32	24.2	64.5	69.7	85.7	85.7	
King William Co.	5	9	17	10	10	30.7	55.1	101.7	59.0	58.3	
King and Queen Co.	5	0	10	5	9	69.9	0.0	142.8	71.0	128.1	
Lancaster Co.	6	11	12	5	23	54.7	100.3	111.2	46.4	216.9	
Mathews Co.	0	2	1	8	5	0.0	22.8	11.4	90.9	56.6	
Middlesex Co.	6	2	6	5	8	56.6	18.6	56.2	46.4	75.6	
Northumberland Co.	6	6	11	12	4	49.1	49.1	89.6	98.8	33.1	
Richmond Co.	3	5	4	8	13	33.7	57.0	44.7	88.5	144.1	
Westmoreland Co.	7	13	23	20	19	39.7	73.9	129.4	112.2	105.5	
District Total	53	86	131	117	134	37.6	61.0	92.7	82.6	94.6	
Virginia Beach Health District											
Virginia Beach	678	669	795	672	826	149.8	147.8	176.5	149.3	183.6	
District Total	678	669	795	672	826	149.8	147.8	176.5	149.3	183.6	
Western Tidewater Health District											
Franklin City	27	17	33	30	22	318.0	204.7	403.6	374.4	276.1	
Isle of Wight Co.	21	48	47	44	57	57.8	131.2	128.6	119.1	153.6	
Southampton Co.	27	16	27	22	36	149.1	88.6	152.1	125.1	204.2	
Suffolk	183	215	194	201	290	207.6	240.8	215.0	220.4	314.8	
District Total	258	296	301	297	405	170.8	194.4	197.1	193.2	261.6	

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Table 3GC-c. Northern Region GC 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	965	1,374	1,540	1,536	1,690	39.4	55.8	61.6	60.9	66.9	
Alexandria Health District											
Alexandria	149	195	224	203	220	97.1	125.2	140.0	126.5	138.0	
District Total	149	195	224	203	220	97.1	125.2	140.0	126.5	138.0	
Arlington Health District											
Arlington	153	184	223	244	275	66.8	80.0	94.9	102.7	116.1	
District Total	153	184	223	244	275	66.8	80.0	94.9	102.7	116.1	
Fairfax Health District											
Fairfax City	8	6	12	14	17	33.3	24.8	49.8	57.0	70.8	
Fairfax Co.	324	522	547	554	595	28.4	45.8	47.6	48.1	51.9	
Falls Church	9	13	13	3	11	64.8	92.8	89.1	20.3	75.3	
District Total	341	541	572	571	623	28.9	46.0	48.2	48.0	52.5	
Loudoun Health District											
Loudoun Co.	88	100	116	121	122	23.4	25.9	29.1	29.7	29.5	
District Total	88	100	116	121	122	23.4	25.9	29.1	29.7	29.5	
Prince William Health District											
Manassas	26	23	41	41	25	62.3	55.4	98.8	98.5	60.8	
Manassas Park	2	3	11	11	10	12.7	18.9	66.3	63.6	57.2	
Prince William Co.	206	328	353	345	415	45.6	72.1	76.2	73.7	88.2	
District Total	234	354	405	397	450	46.0	69.1	77.7	75.3	85.1	

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Table 3GC-d. Northwest Region GC 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	497	561	858	991	1,047	38.2	42.7	64.5	73.7	77.3	
Central Shenandoah District											
Augusta Co.	21	10	41	70	69	28.3	13.3	54.6	92.8	91.3	
Bath Co.	4	0	0	2	1	89.5	0.0	0.0	46.6	24.1	
Buena Vista	1	3	4	1	3	15.1	46.5	63.2	16.0	46.3	
Harrisonburg	24	22	24	30	75	45.7	41.4	44.3	55.5	141.5	
Highland Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Lexington	0	1	6	1	7	0.0	14.2	84.4	14.0	94.0	
Rockbridge Co.	5	3	8	5	20	22.4	13.4	35.3	22.0	88.6	
Rockingham Co.	16	16	17	29	44	20.4	20.1	21.2	35.7	53.7	
Staunton	20	10	28	49	49	81.9	41.0	114.2	196.6	196.5	
Waynesboro	8	16	40	45	53	37.2	73.1	179.2	198.9	234.2	
District Total	99	81	168	232	321	33.6	27.3	56.2	77.1	106.7	
Lord Fairfax Health District											
Clarke Co.	1	1	5	3	5	7.0	7.0	34.5	20.7	34.2	
Frederick Co.	19	19	38	40	34	22.8	22.5	43.9	45.3	38.1	
Page Co.	1	2	14	18	24	4.2	8.5	59.0	75.2	100.4	
Shenandoah Co.	8	22	16	31	22	18.5	51.0	37.0	71.3	50.4	
Warren Co.	5	19	30	34	34	12.8	48.5	75.8	85.0	84.7	
Winchester	35	16	36	48	32	128.3	58.1	128.9	170.8	114.0	
District Total	69	79	139	174	151	29.9	34.0	59.0	73.0	63.0	
Rappahannock Health District											
Caroline Co.	29	23	25	26	22	96.7	76.2	82.1	84.5	71.6	
Fredericksburg	29	44	41	41	37	103.1	155.5	144.6	140.7	127.4	
King George Co.	9	18	10	24	15	35.3	69.3	38.0	90.3	55.9	
Spotsylvania Co.	68	70	95	109	114	52.1	53.0	71.4	81.2	83.7	
Stafford Co.	61	86	106	116	136	43.0	59.6	72.3	77.4	89.0	
District Total	196	241	277	316	324	55.0	66.8	75.9	85.2	86.2	
Rappahannock/Rapidan Health District											
Culpeper Co.	9	15	32	34	23	18.2	30.0	62.4	65.6	43.7	
Fauquier Co.	8	17	29	25	26	11.6	24.6	41.7	35.4	36.5	
Madison Co.	4	1	8	7	0	30.5	7.6	60.3	52.7	0.0	
Orange Co.	17	13	13	17	23	48.0	36.6	36.0	46.4	62.1	
Rappahannock Co.	0	4	0	0	4	0.0	54.1	0.0	0.0	54.3	
District Total	38	50	82	83	76	21.8	28.5	46.2	46.2	41.9	
Thomas Jefferson Health District											
Albemarle Co.	22	35	81	77	74	20.8	32.7	75.2	70.8	67.7	
Charlottesville	37	42	63	63	56	79.4	89.5	131.2	130.9	118.5	
Fluvanna Co.	7	9	9	12	8	26.7	34.3	34.0	44.8	29.3	
Greene Co.	4	3	8	6	7	20.9	15.5	40.8	30.3	35.3	
Louisa Co.	17	19	25	21	23	49.1	53.9	69.7	57.1	61.2	
Nelson Co.	8	2	6	7	7	54.1	13.5	40.2	47.2	46.9	
District Total	95	110	192	186	175	38.4	44.1	76.0	72.9	68.3	

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Table 3GC-e. Southwest Region GC 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	1,000	1,318	1,618	1,400	1,629	73.7	97.7	120.3	104.2	121.8	
Alleghany Health District											
Alleghany Co.	1	4	2	5	5	6.4	25.6	13.2	33.5	33.6	
Botetourt Co.	7	12	17	7	9	21.0	36.1	51.2	21.0	26.9	
Covington	1	1	3	2	2	17.7	18.1	54.2	36.6	36.1	
Craig Co.	0	1	1	0	2	0.0	19.4	19.8	0.0	39.0	
Roanoke Co.	55	76	72	47	68	58.3	80.8	76.8	50.0	72.2	
Salem	13	21	32	27	31	51.1	82.2	123.7	105.3	122.5	
District Total	77	115	127	88	117	42.8	64.2	71.1	49.3	65.6	
Central Virginia Health District											
Amherst Co.	25	20	22	27	41	78.3	63.2	69.6	85.3	129.7	
Appomattox Co.	11	12	14	14	36	71.4	77.5	89.3	88.4	226.3	
Bedford Co.	16	38	30	30	52	20.6	48.7	38.5	38.1	65.8	
Campbell Co.	27	29	43	31	84	49.0	52.8	78.2	56.4	153.0	
Lynchburg	156	149	183	203	232	195.5	185.8	225.9	247.2	282.3	
District Total	235	248	292	305	445	90.4	95.3	111.8	115.8	168.8	
Cumberland Plateau Health District											
Buchanan Co.	3	0	0	1	1	13.2	0.0	0.0	4.7	4.8	
Dickenson Co.	1	0	5	3	5	6.6	0.0	33.8	20.7	34.9	
Russell Co.	2	1	4	4	6	7.2	3.7	14.8	15.0	22.6	
Tazewell Co.	2	6	25	17	16	4.7	14.2	60.8	41.6	39.4	
District Total	8	7	34	25	28	7.4	6.6	32.6	24.2	27.3	
Lenowisco Health District											
Lee Co.	1	0	5	3	5	4.0	0.0	21.0	12.7	21.3	
Norton	0	0	1	1	2	0.0	0.0	25.4	25.2	50.2	
Scott Co.	6	2	2	8	10	27.1	9.1	9.1	37.2	46.4	
Wise Co.	3	10	18	16	19	7.6	25.5	46.6	42.1	50.8	
District Total	10	12	26	28	36	11.0	13.5	29.5	32.2	41.7	
Mount Rogers Health District											
Bland Co.	0	0	0	2	1	0.0	0.0	0.0	31.8	15.9	
Bristol	12	7	10	33	33	70.0	41.3	59.6	200.2	196.9	
Carroll Co.	3	4	6	12	14	10.1	13.5	20.2	40.5	47.0	
Galax	2	4	6	5	5	28.9	59.0	90.6	77.8	78.8	
Grayson Co.	1	5	4	5	11	6.2	33.1	25.5	32.0	70.7	
Smyth Co.	3	16	19	14	20	9.5	51.5	62.0	45.9	66.4	
Washington Co.	14	15	12	24	20	25.6	27.7	22.1	44.1	37.2	
Wythe Co.	7	3	8	8	35	24.0	10.3	27.7	27.8	122.0	
District Total	42	54	65	103	139	21.9	28.5	34.4	54.8	74.2	
New River Health District											
Floyd Co.	4	1	4	3	4	25.6	6.4	25.4	19.0	25.4	
Giles Co.	3	2	7	6	8	18.0	11.9	41.6	35.6	47.8	
Montgomery Co.	42	28	50	42	66	43.0	28.4	50.7	42.4	67.0	
Pulaski Co.	12	10	11	19	28	35.0	29.2	32.2	55.8	82.3	
Radford	13	20	25	34	51	74.7	114.4	141.6	185.4	279.5	
District Total	74	61	97	104	157	40.7	33.4	53.0	56.5	85.7	
Pittsylvania/Danville Health District											
Danville	133	174	209	137	74	316.0	415.3	508.1	336.7	184.8	
Pittsylvania Co.	70	42	63	44	78	112.6	68.1	102.8	72.2	129.2	
District Total	203	216	272	181	152	194.7	208.5	265.7	178.1	151.4	

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Table 3GC-e, cont. Southwest Region GC 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	215	452	511	362	399		215.2	453.5	511.8	362.3	402.4	
District Total	215	452	511	362	399		215.2	453.5	511.8	362.3	402.4	
West Piedmont Health District												
Franklin Co.	26	48	40	53	60		46.2	85.6	70.9	94.3	107.1	
Henry Co.	55	59	88	80	50		106.0	114.7	171.8	157.0	98.9	
Martinsville	53	44	56	62	38		388.4	327.3	426.1	480.5	302.7	
Patrick Co.	2	2	10	9	8		11.1	11.2	56.6	50.9	45.4	
District Total	136	153	194	204	156		97.3	110.2	140.1	148.1	114.1	

VIRGINIA STD SURVEILLANCE REPORT

Table 4GC-a. Gonorrhea 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	149	195	224	203	220	97.1	125.2	140.0	126.5	138.0	13.0%	
Alleghany	77	115	127	88	117	42.8	64.2	71.1	49.3	65.6	15.3%	
Arlington	153	184	223	244	275	66.8	80.0	94.9	102.7	116.1	34.9%	
Central Shenandoah	99	81	168	232	321	33.6	27.3	56.2	77.1	106.7	119.7%	
Central Virginia	235	248	292	305	445	90.4	95.3	111.8	115.8	168.8	63.4%	
Chesapeake	319	365	451	453	568	135.5	153.4	187.6	186.7	232.0	39.9%	
Chesterfield	298	473	503	549	586	78.1	122.8	129.0	138.8	146.6	25.1%	
Chickahominy	57	117	107	100	100	37.3	75.3	68.0	62.6	61.9	1.8%	
Crater	444	532	542	510	655	283.9	341.8	349.1	328.5	422.5	29.7%	
Cumberland Plateau	8	7	34	25	28	7.4	6.6	32.6	24.2	27.3	54.6%	
Eastern Shore	53	40	52	82	57	117.4	88.7	117.1	185.7	129.5	1.7%	
Fairfax	341	541	572	571	623	28.9	46.0	48.2	48.0	52.5	22.8%	
Hampton	452	480	574	491	573	331.2	354.5	426.2	365.6	426.0	15.3%	
Henrico	463	692	722	645	779	142.4	211.9	220.2	195.9	235.5	22.3%	
Lenowisco	10	12	26	28	36	11.0	13.5	29.5	32.2	41.7	93.5%	
Lord Fairfax	69	79	139	174	151	29.9	34.0	59.0	73.0	63.0	28.6%	
Loudoun Co.	88	100	116	121	122	23.4	25.9	29.1	29.7	29.5	9.0%	
Mount Rogers	42	54	65	103	139	21.9	28.5	34.4	54.8	74.2	112.7%	
New River	74	61	97	104	157	40.7	33.4	53.0	56.5	85.7	86.6%	
Norfolk	862	997	1,085	1,116	1,281	349.8	406.7	443.4	457.2	527.7	27.4%	
Peninsula	696	825	940	891	971	198.6	234.8	268.8	254.6	276.4	15.6%	
Piedmont	85	87	134	132	154	82.7	84.7	130.9	129.1	150.5	40.8%	
Pittsylvania/Danville	203	216	272	181	152	194.7	208.5	265.7	178.1	151.4	-28.5%	
Portsmouth	337	477	475	536	639	350.3	500.8	502.3	566.4	676.9	41.0%	
Prince William	234	354	405	397	450	46.0	69.1	77.7	75.3	85.1	27.0%	
Rappahannock	196	241	277	316	324	55.0	66.8	75.9	85.2	86.2	21.9%	
Rapp./Rapidan	38	50	82	83	76	21.8	28.5	46.2	46.2	41.9	17.3%	
Richmond City	1,016	1,338	1,246	1,300	1,357	461.2	599.5	548.8	568.2	588.9	8.2%	
Roanoke City	215	452	511	362	399	215.2	453.5	511.8	362.3	402.4	4.3%	
Southside	107	107	120	144	156	129.1	130.3	147.3	177.4	193.2	32.3%	
Thomas Jefferson	95	110	192	186	175	38.4	44.1	76.0	72.9	68.3	18.0%	
Three Rivers	53	86	131	117	134	37.6	61.0	92.7	82.6	94.6	38.1%	
Virginia Beach	678	669	795	672	826	149.8	147.8	176.5	149.3	183.6	17.8%	
West Piedmont	136	153	194	204	156	97.3	110.2	140.1	148.1	114.1	-7.9%	
Western Tidewater	258	296	301	297	405	170.8	194.4	197.1	193.2	261.6	38.5%	
Virginia Total	8,640	10,834	12,194	11,962	13,607	103.1	128.8	144.0	140.4	159.4	23.5%	

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

VIRGINIA STD SURVEILLANCE REPORT

Table 4GC-b. Gonorrhea 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		
Portsmouth	337	477	475	536	639	350.3	500.8	502.3	566.4	676.9	41.0%	
Richmond City	1,016	1,338	1,246	1,300	1,357	461.2	599.5	548.8	568.2	588.9	8.2%	
Norfolk	862	997	1,085	1,116	1,281	349.8	406.7	443.4	457.2	527.7	27.4%	
Hampton	452	480	574	491	573	331.2	354.5	426.2	365.6	426.0	15.3%	
Crater	444	532	542	510	655	283.9	341.8	349.1	328.5	422.5	29.7%	
Roanoke City	215	452	511	362	399	215.2	453.5	511.8	362.3	402.4	4.3%	
Peninsula	696	825	940	891	971	198.6	234.8	268.8	254.6	276.4	15.6%	
Western Tidewater	258	296	301	297	405	170.8	194.4	197.1	193.2	261.6	38.5%	
Henrico	463	692	722	645	779	142.4	211.9	220.2	195.9	235.5	22.3%	
Chesapeake	319	365	451	453	568	135.5	153.4	187.6	186.7	232.0	39.9%	
Southside	107	107	120	144	156	129.1	130.3	147.3	177.4	193.2	32.3%	
Virginia Beach	678	669	795	672	826	149.8	147.8	176.5	149.3	183.6	17.8%	
Central Virginia	235	248	292	305	445	90.4	95.3	111.8	115.8	168.8	63.4%	
Virginia Total	8,640	10,834	12,194	11,962	13,607	103.1	128.8	144.0	140.4	159.4	23.5%	
Pittsylvania/Danville	203	216	272	181	152	194.7	208.5	265.7	178.1	151.4	-28.5%	
Piedmont	85	87	134	132	154	82.7	84.7	130.9	129.1	150.5	40.8%	
Chesterfield	298	473	503	549	586	78.1	122.8	129.0	138.8	146.6	25.1%	
Alexandria	149	195	224	203	220	97.1	125.2	140.0	126.5	138.0	13.0%	
Eastern Shore	53	40	52	82	57	117.4	88.7	117.1	185.7	129.5	1.7%	
Arlington	153	184	223	244	275	66.8	80.0	94.9	102.7	116.1	34.9%	
West Piedmont	136	153	194	204	156	97.3	110.2	140.1	148.1	114.1	-7.9%	
Central Shenandoah	99	81	168	232	321	33.6	27.3	56.2	77.1	106.7	119.7%	
Three Rivers	53	86	131	117	134	37.6	61.0	92.7	82.6	94.6	38.1%	
Rappahannock	196	241	277	316	324	55.0	66.8	75.9	85.2	86.2	21.9%	
New River	74	61	97	104	157	40.7	33.4	53.0	56.5	85.7	86.6%	
Prince William	234	354	405	397	450	46.0	69.1	77.7	75.3	85.1	27.0%	
Mount Rogers	42	54	65	103	139	21.9	28.5	34.4	54.8	74.2	112.7%	
Thomas Jefferson	95	110	192	186	175	38.4	44.1	76.0	72.9	68.3	18.0%	
Alleghany	77	115	127	88	117	42.8	64.2	71.1	49.3	65.6	15.3%	
Lord Fairfax	69	79	139	174	151	29.9	34.0	59.0	73.0	63.0	28.6%	
Chickahominy	57	117	107	100	100	37.3	75.3	68.0	62.6	61.9	1.8%	
Fairfax	341	541	572	571	623	28.9	46.0	48.2	48.0	52.5	22.8%	
Rapp./Rapidan	38	50	82	83	76	21.8	28.5	46.2	46.2	41.9	17.3%	
Lenowisco	10	12	26	28	36	11.0	13.5	29.5	32.2	41.7	93.5%	
Loudoun Co.	88	100	116	121	122	23.4	25.9	29.1	29.7	29.5	9.0%	
Cumberland Plateau	8	7	34	25	28	7.4	6.6	32.6	24.2	27.3	54.6%	

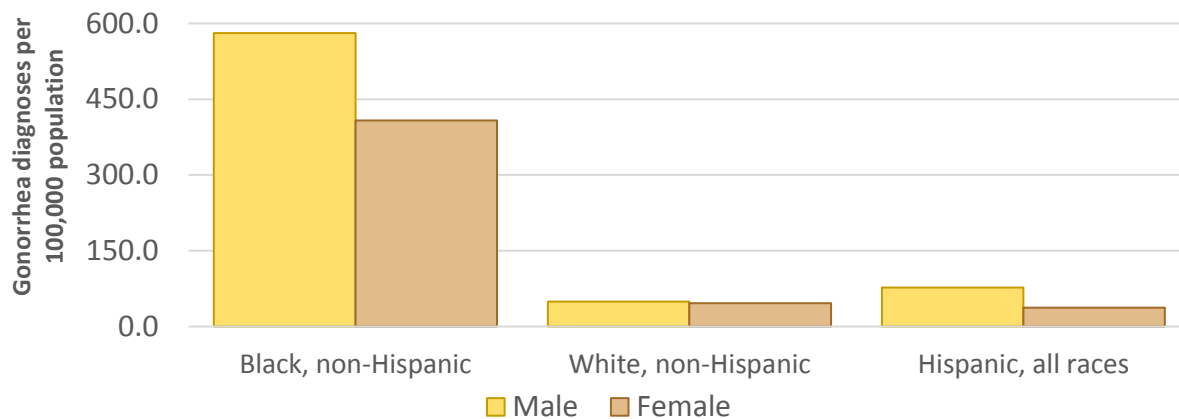
*Percent change compares the 2019 rate to the 2015 - 2018 average annual rate.

VIRGINIA STD SURVEILLANCE REPORT

Table 6GC. Gonorrhea Diagnoses by Additional Demographics, 2019

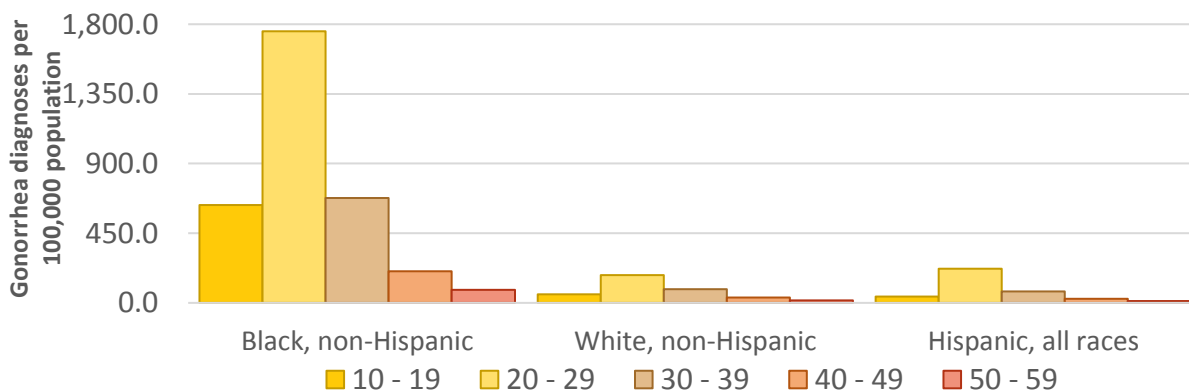
	Black, non-Hispanic		White, non-Hispanic		Hispanic, all races		Multi-race or other	Unknown
	No.	Rate	No.	Rate	No.	Rate	No.	No.
Total	8,408	492.5	2,551	47.8	491	58.8	355	1,802
Gender								
Male	4,766	581.0	1,299	49.2	332	77.3	213	1,053
Female	3,620	408.2	1,247	46.2	152	37.6	141	745
Transgender/ Other	**	--	**	--	**	--	**	**
Unknown	**	--	**	--	**	--	**	**

Figure 4GC. Gonorrhea 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	8,408	492.5	2,551	47.8	491	58.8	355	1,802
Age at diagnosis								
< 10	**	**	**	**	**	**	**	**
10 - 19	1,485	631.4	335	55.2	56	40.0	67	373
20 - 29	4,638	1,755.1	1,233	180.1	291	220.3	183	908
30 - 39	1,601	676.5	610	89.1	102	73.9	77	303
40 - 49	421	204.9	218	33.7	31	25.7	22	120
50 - 59	189	84.5	118	15.6	10	12.6	4	64
60 +	**	**	**	**	**	**	**	**

Figure 5GC. Gonorrhea diagnoses by race/ethnicity and age, 2019

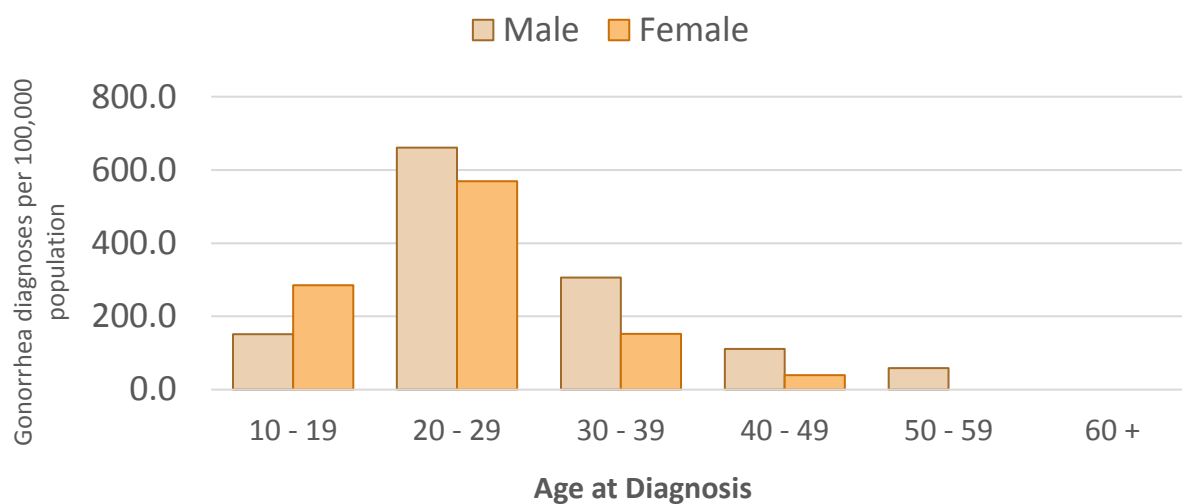


VIRGINIA STD SURVEILLANCE REPORT

Table 6GC. Gonorrhea Diagnoses by Additional Demographics, 2019

	Male		Female		Transgender/ Other	
	No.	Rate	No.	Rate	No.	Rate
Total	7,663	26.5	5,905	3.2	34	--
Age at diagnosis						
< 10	**	**	**	**	**	--
10 - 19	821	151.1	1,492	284.9	**	--
20 - 29	3,993	660.7	3,238	568.9	20	--
30 - 39	1,798	306.1	886	152.0	9	--
40 - 49	592	111.0	216	39.6	**	--
50 - 59	325	58.7	56	9.6	**	--
60 +	**	**	**	**	**	--

Figure 6GC. Gonorrhea diagnoses by gender and age at diagnosis, 2019



** Data suppressed to preserve confidentiality.