

VIRGINIA STD SURVEILLANCE REPORT

Table 1GC New Gonorrhea Diagnoses

	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Total	13,611	14,955	14,359	13,435	13,840	159.8	175.2	167.1	155.5	159.4	
Gender											
Male	7,662	8,201	7,873	7,725	8,371	182.8	195.2	186.2	180.6	194.7	
Female	5,908	6,701	6,434	5,687	5,446	136.5	154.6	147.5	130.3	124.2	
Transgender/other	39	34	50	23	23	--	--	--	--	--	
Unknown	2	19	2	0	0	--	--	--	--	--	
Age at diagnosis											
< 10	2	6	0	3	2	0.2	0.6	0.0	0.3	0.2	
10 - 14	54	44	57	47	54	10.2	8.4	10.8	8.6	10.1	
15 - 19	2,260	2,296	2,024	1,917	1,995	416.8	423.8	373.0	344.4	357.6	
20 - 24	4,205	4,307	4,121	3,879	3,742	726.5	753.5	717.2	677.6	628.0	
25 - 29	3,052	3,435	3,086	2,772	2,746	505.1	570.7	514.0	476.7	477.0	
30 - 34	1,712	2,157	2,227	2,102	2,072	292.1	366.6	374.2	351.8	346.1	
35 - 39	981	1,077	1,152	1,126	1,341	169.5	185.1	197.1	189.0	225.5	
40 - 44	509	678	727	626	757	96.7	127.7	134.0	111.0	132.1	
45 - 49	306	350	341	370	401	54.8	63.9	63.7	70.2	77.0	
50 - 54	232	236	271	222	310	40.9	42.7	49.4	39.7	55.9	
55 - 59	153	220	205	204	208	26.2	37.6	35.3	35.3	37.0	
60 - 64	93	76	93	99	136	17.8	14.3	17.3	18.1	24.8	
> 64	51	71	54	68	76	3.9	5.2	3.9	4.8	5.2	
Unknown	1	2	1	0	0	--	--	--	--	--	
Race/ethnicity											
Black, non-Hispanic	8,496	9,021	7,632	6,493	7,249	499.7	528.5	443.2	391.7	435.6	
White, non-Hispanic	2,596	2,626	2,373	2,076	2,390	48.6	49.2	44.5	39.8	46.0	
Hispanic (all races)	511	536	542	548	843	62.3	64.2	63.4	62.1	92.5	
Other/multi-race	386	381	405	631	911	--	--	--	--	--	
Unknown	1,622	2,391	3,407	3,687	2,447	--	--	--	--	--	
Health Region											
Central	3,785	3,824	3,415	3,191	3,411	260.7	261.8	232.1	214.1	226.6	
Eastern	5,458	6,324	5,652	5,155	5,286	294.2	340.3	302.5	272.1	278.6	
Northern	1,692	1,690	1,945	2,166	2,688	67.1	66.9	76.4	85.3	105.6	
Northwest	1,047	1,152	1,386	1,296	1,189	77.9	85.1	101.3	93.2	84.6	
Southwest	1,629	1,965	1,961	1,627	1,266	121.2	146.9	146.7	122.4	95.2	
Gonorrhea ophthalmia neonatorum*											
Total diagnoses	0	3	0	0	1	--	--	--	--	--	
Disseminated gonorrhea infection (DGI)**											
Total diagnoses	10	19	22	10	15	--	--	--	--	--	

*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 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, 2019 - 2023

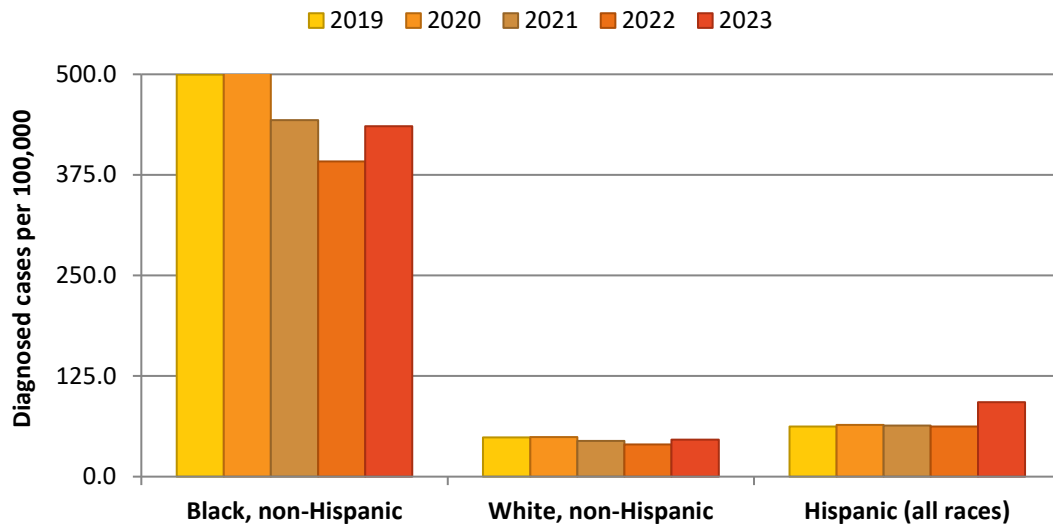


Figure 2GC. Rate of Gonorrhea diagnoses by gender, 2019 - 2023

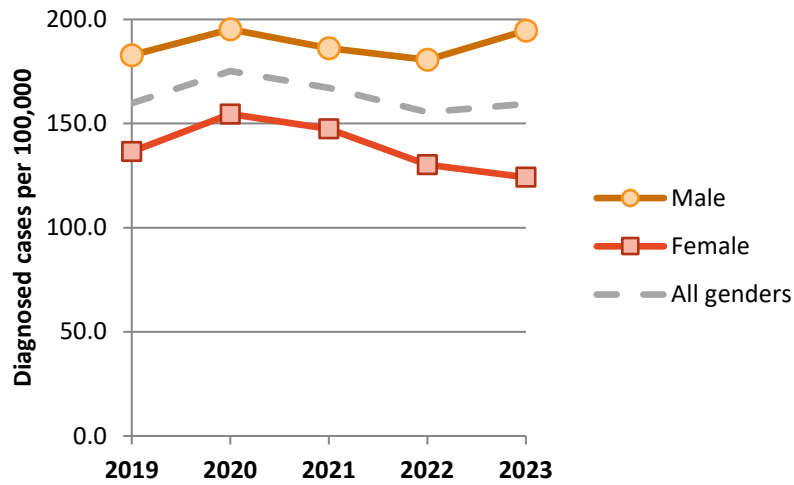
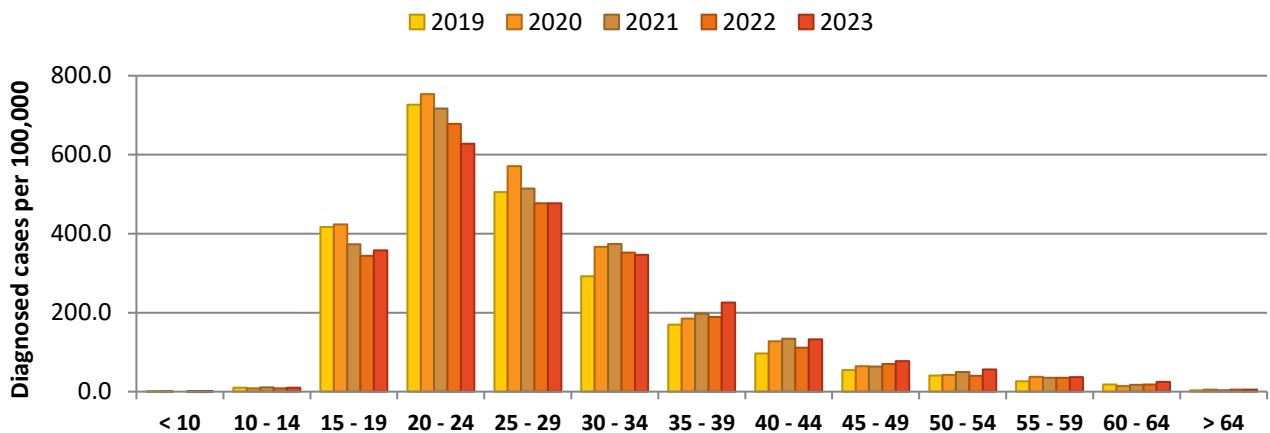


Figure 3GC. Rate of Gonorrhea diagnoses by age in years, 2019 - 2023



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Table 2Gc. Gonorrhea Diagnoses by Region, 2023

	Central	Eastern	Northern	Northwest	Southwest
	No.	No.	No.	No.	No.
Total	3,411	5,286	2,688	1,189	1,266
Gender					
Male	2,002	3,069	1,988	711	601
Female	1,401	2,211	693	476	665
Transgender	8	6	7	2	0
Unknown	0	0	0	0	0
<i>% Female</i> <i>% Male</i>					
Age in years					
< 10	1	0	0	0	1
10 - 14	13	22	11	0	8
15 - 19	541	898	263	130	163
20 - 24	923	1,582	599	313	325
25 - 29	662	947	640	236	261
30 - 34	510	685	476	197	204
35 - 39	313	466	301	135	126
40 - 44	188	271	156	69	73
45 - 49	91	148	88	32	42
50 - 54	74	112	65	32	27
55 - 59	59	68	37	17	27
60 - 64	19	56	37	17	7
> 64	17	31	15	11	2
Race/ethnicity					
Black, non-Hispanic	2,125	3,435	770	415	504
White, non-Hispanic	435	715	549	324	367
Hispanic (all races)	123	156	442	97	25
Other/ Multi-race	122	331	329	92	37
Unknown	606	649	598	261	333





































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

	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	3,785	3,824	3,415	3,191	3,411	260.7	261.8	232.1	217.2	226.6	
Chesterfield Health District											
Chesterfield Co.	539	565	479	539	512	154.6	160.1	133.7	145.4	135.3	
Colonial Heights	34	27	25	25	25	190.7	155.4	145.3	136.8	136.7	
Powhatan Co.	13	14	16	7	14	44.5	47.2	53.1	22.5	44.5	
District Total	586	606	520	571	551	148.1	151.6	128.2	135.9	128.7	
Chickahominy Health District											
Charles City Co.	7	9	11	8	7	100.9	129.3	161.3	121.3	106.0	
Goochland Co.	16	13	17	23	9	68.8	54.7	69.6	90.2	34.5	
Hanover Co.	65	75	70	48	79	60.6	69.6	64.7	43.0	69.9	
New Kent Co.	12	14	7	16	10	53.6	60.6	29.6	67.0	40.0	
District Total	100	111	105	95	105	62.6	68.7	64.4	56.7	61.5	
Crater Health District											
Dinwiddie Co.	54	42	49	32	35	189.3	147.1	170.8	114.6	124.3	
Emporia	25	30	26	23	10	488.2	561.2	494.6	405.9	182.4	
Greensville Co.	13	24	18	16	19	111.8	211.7	159.6	139.9	169.2	
Hopewell	114	136	103	110	109	504.5	603.7	460.3	475.4	474.7	
Petersburg	310	243	173	189	215	982.0	775.2	568.2	565.4	643.8	
Prince George Co.	103	77	64	70	81	270.5	200.8	165.4	319.2	187.8	
Surry Co.	11	5	10	8	9	169.9	77.9	156.6	122.5	137.9	
Sussex Co.	24	21	26	16	21	213.6	188.2	238.0	148.7	196.6	
District Total	654	578	469	464	499	421.3	372.8	304.5	329.5	308.9	
Henrico Health District											
Henrico Co.	779	900	693	685	782	236.6	272.1	207.6	205.4	234.2	
District Total	779	900	693	685	782	236.6	272.1	207.6	205.4	234.2	
Piedmont Health District											
Amelia Co.	11	12	11	7	6	84.5	91.3	84.5	52.8	44.6	
Buckingham Co.	10	14	25	25	10	58.8	81.6	145.6	147.5	58.9	
Charlotte Co.	19	21	16	19	7	159.2	176.8	135.4	166.0	61.0	
Cumberland Co.	17	11	20	21	8	173.3	110.8	201.3	216.9	82.1	
Lunenburg Co.	21	20	38	25	22	173.8	164.0	309.8	209.6	182.9	
Nottoway Co.	25	17	21	26	38	162.1	111.6	138.5	166.7	244.2	
Prince Edward Co.	51	46	63	49	37	222.2	201.7	273.8	223.4	168.7	
District Total	154	141	194	172	128	150.7	137.8	189.5	170.6	126.5	
Richmond City Health District											
Richmond City	1,356	1,272	1,234	1,037	1,197	592.7	552.0	531.4	457.6	521.8	
District Total	1,356	1,272	1,234	1,037	1,197	592.7	552.0	531.4	457.6	521.8	
Southside Health District											
Brunswick Co.	35	57	43	40	39	213.6	351.2	268.1	250.9	245.0	
Halifax Co.	61	86	66	53	55	178.8	253.6	196.2	157.1	163.5	
Mecklenburg Co.	60	73	91	74	55	195.8	238.7	296.6	244.6	180.3	
District Total	156	216	200	167	149	192.2	267.6	248.9	208.9	186.1	

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

	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	5,458	6,324	5,652	5,155	5,286	294.2	340.3	302.5	272.1	278.6	
Chesapeake Health District											
Chesapeake	568	653	626	521	515	234.1	266.7	253.4	207.3	204.0	
District Total	568	653	626	521	515	234.1	266.7	253.4	207.3	204.0	
Eastern Shore Health District											
Accomack Co.	41	66	41	35	25	126.5	204.2	127.2	105.3	75.3	
Northampton Co.	16	25	33	11	14	136.3	213.5	282.7	91.0	117.6	
District Total	57	91	74	46	39	129.1	206.7	168.5	101.5	86.5	
Hampton Health District											
Hampton	574	715	668	553	601	427.4	531.6	493.1	401.5	435.4	
District Total	574	715	668	553	601	427.4	531.6	493.1	401.5	435.4	
Norfolk Health District											
Norfolk	1,282	1,531	1,243	1,269	1,194	525.2	630.7	511.9	539.8	512.5	
District Total	1,282	1,531	1,243	1,269	1,194	525.2	630.7	511.9	539.8	512.5	
Peninsula Health District											
James City Co.	68	71	64	80	65	89.0	92.8	82.5	100.1	80.1	
Newport News	823	951	853	747	839	460.7	530.6	476.4	404.7	455.2	
Poquoson	4	6	4	5	0	32.8	48.9	32.6	39.8	0.0	
Williamsburg	23	21	16	22	18	154.4	140.4	104.9	141.1	113.1	
York Co.	52	76	53	49	67	76.6	111.3	76.6	69.1	93.9	
District Total	970	1,125	990	903	989	277.2	320.3	280.1	248.4	270.7	
Portsmouth Health District											
Portsmouth	642	679	643	554	639	678.4	719.3	676.2	566.2	658.6	
District Total	642	679	643	554	639	678.4	719.3	676.2	566.2	658.6	
Three Rivers Health District											
Essex Co.	11	13	7	22	8	100.7	118.7	64.0	208.1	75.3	
Gloucester Co.	32	30	24	25	20	85.7	80.3	64.1	64.0	50.6	
King William Co.	10	18	14	13	11	142.0	256.2	201.7	195.1	59.5	
King and Queen Co.	9	10	7	4	4	53.1	58.3	39.7	22.0	59.5	
Lancaster Co.	23	13	10	11	14	213.3	122.6	94.2	100.7	130.2	
Mathews Co.	5	2	2	2	3	56.8	22.6	22.8	23.4	35.3	
Middlesex Co.	8	8	4	2	5	74.3	75.6	37.8	18.6	45.7	
Northumberland Co.	4	16	10	12	16	32.9	132.3	82.9	99.8	130.1	
Richmond Co.	13	9	9	11	18	143.8	99.7	99.2	122.0	198.2	
Westmoreland Co.	19	19	19	32	24	106.6	105.5	104.7	170.8	128.3	
District Total	134	138	106	134	123	94.6	97.4	74.5	92.7	84.5	
Virginia Beach Health District											
Virginia Beach	826	928	906	846	809	183.5	206.2	200.8	184.8	177.6	
District Total	826	928	906	846	809	183.5	206.2	200.8	184.8	177.6	
Western Tidewater Health District											
Franklin City	22	37	19	28	23	274.6	464.4	242.6	340.8	278.9	
Isle of Wight Co.	57	77	50	45	59	154.2	207.5	132.5	114.6	146.9	
Southampton Co.	36	42	25	12	26	204.7	238.2	141.8	66.6	145.0	
Suffolk	290	308	302	244	269	318.0	334.4	321.6	253.7	273.0	
District Total	405	464	396	329	377	263.4	299.7	252.1	203.5	228.7	







































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

	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	1,692	1,690	1,945	2,166	2,688	67.1	66.9	76.4	85.3	105.6	
Alexandria Health District											
Alexandria	222	199	244	267	359	138.3	124.8	153.7	172.6	230.8	
District Total	222	199	244	267	359	138.3	124.8	153.7	172.6	230.8	
Arlington Health District											
Arlington	275	220	271	344	406	115.8	92.9	112.9	147.7	173.5	
District Total	275	220	271	344	406	115.8	92.9	112.9	147.7	173.5	
Fairfax Health District											
Fairfax City	17	12	18	12	13	69.2	50.0	76.8	49.4	52.3	
Fairfax Co.	595	639	733	849	990	51.7	55.7	63.7	74.5	87.0	
Falls Church	11	5	4	12	5	74.5	34.2	27.3	82.8	34.3	
District Total	623	656	755	873	1,008	52.3	55.3	63.5	74.1	85.6	
Loudoun Health District											
Loudoun Co.	122	102	130	144	190	30.0	24.7	30.7	33.7	44.0	
District Total	122	102	130	144	190	30.0	24.7	30.7	33.7	44.0	
Prince William Health District											
Manassas	25	47	46	37	85	60.0	114.4	112.6	86.6	199.3	
Manassas Park	10	14	13	9	30	57.8	80.1	72.2	52.9	179.6	
Prince William Co.	415	452	486	492	610	88.7	96.1	102.2	101.6	125.3	
District Total	450	513	545	538	725	85.4	97.0	102.0	98.9	132.7	

VIRGINIA STD SURVEILLANCE REPORT

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

	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	1,047	1,152	1,386	1,296	1,189	77.9	85.1	101.3	93.2	84.6	
Blue Ridge Health District											
Albemarle Co.	74	78	143	111	99	68.1	71.3	129.2	97.8	86.4	
Charlottesville	56	53	110	84	82	116.4	112.1	234.3	183.9	180.7	
Fluvanna Co.	8	16	26	12	21	29.9	58.7	94.8	43.3	74.6	
Greene Co.	7	11	9	9	10	35.4	55.5	44.7	42.9	47.4	
Louisa Co.	23	43	25	31	25	62.5	114.4	65.6	79.8	62.3	
Nelson Co.	7	17	24	11	7	47.2	113.9	162.7	74.4	47.8	
District Total	175	218	337	258	244	68.6	85.1	130.6	98.6	92.4	
Central Shenandoah District											
Augusta Co.	69	80	111	62	51	91.4	105.9	145.0	79.9	65.3	
Bath Co.	1	1	1	2	1	23.3	24.1	24.3	48.6	24.7	
Buena Vista	3	6	12	6	8	48.1	92.6	187.4	90.9	121.4	
Harrisonburg	75	77	83	83	94	138.8	145.2	156.0	161.4	183.7	
Highland Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Lexington	7	3	6	6	2	98.1	40.3	82.4	80.5	26.8	
Rockbridge Co.	20	15	6	5	6	87.9	66.5	26.4	22.1	26.6	
Rockingham Co.	44	68	101	54	39	54.2	83.0	122.7	64.0	45.7	
Staunton	49	58	64	48	30	196.6	232.6	254.1	187.1	115.8	
Waynesboro	53	63	89	48	44	234.2	278.4	391.4	212.9	192.9	
District Total	321	371	473	314	275	106.7	123.3	156.2	103.1	89.8	
Lord Fairfax Health District											
Clarke Co.	5	6	2	3	6	34.4	41.0	13.7	20.2	39.3	
Frederick Co.	34	37	34	39	27	38.5	41.4	37.3	41.6	28.4	
Page Co.	24	14	21	26	8	100.3	58.6	87.7	109.2	33.7	
Shenandoah Co.	22	13	24	18	14	50.6	29.8	54.7	40.2	31.1	
Warren Co.	34	27	16	36	30	85.0	67.2	39.5	88.0	72.4	
Winchester	32	26	27	42	35	113.8	92.6	97.5	149.3	125.3	
District Total	151	123	124	164	120	63.3	51.3	51.3	66.6	48.3	
Rappahannock Health District											
Caroline Co.	22	34	35	48	40	71.5	110.7	113.4	153.2	125.2	
Fredericksburg	37	58	44	79	62	127.0	199.8	149.2	278.5	215.6	
King George Co.	15	21	25	23	32	56.4	78.3	91.3	83.7	114.9	
Spotsylvania Co.	114	117	134	165	160	84.9	85.9	96.8	114.8	109.1	
Stafford Co.	136	123	134	151	160	90.7	80.5	85.5	93.9	97.9	
District Total	324	353	372	466	454	87.4	94.0	97.1	119.0	113.9	
Rappahannock/Rapidan Health District											
Culpeper Co.	23	34	24	31	37	44.4	64.6	44.8	57.8	68.0	
Fauquier Co.	26	30	35	29	28	36.8	42.1	49.0	39.3	37.5	
Madison Co.	0	1	2	2	3	0.0	7.5	15.0	14.3	21.4	
Orange Co.	23	19	16	28	27	62.8	51.3	42.4	75.3	71.1	
Rappahannock Co.	4	3	3	4	1	55.2	40.7	41.3	54.0	13.3	
District Total	76	87	80	94	96	42.3	47.9	43.7	50.6	50.9	

VIRGINIA STD SURVEILLANCE REPORT

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

	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	1,629	1,965	1,961	1,627	1,266	121.2	146.9	146.7	122.6	95.2	
Alleghany Health District											
Alleghany Co.	5	23	11	7	7	33.5	154.8	74.8	46.7	47.2	
Botetourt Co.	9	26	25	17	16	27.0	77.8	74.3	50.2	46.9	
Covington	2	13	6	3	5	36.6	234.7	106.4	52.5	88.0	
Craig Co.	2	4	1	1	0	39.5	78.0	19.7	20.6	0.0	
Roanoke Co.	68	100	109	92	63	72.3	106.2	115.3	95.2	65.0	
Salem	31	38	37	33	19	120.9	150.2	146.0	130.1	74.4	
District Total	117	204	189	153	110	65.6	114.3	105.6	84.3	60.5	
Central Virginia Health District											
Amherst Co.	41	54	39	22	14	129.5	170.9	123.2	70.3	44.3	
Appomattox Co.	36	32	17	15	15	227.3	201.1	106.0	91.7	89.6	
Bedford Co.	52	59	62	53	42	66.0	74.7	77.7	66.1	51.9	
Campbell Co.	84	105	76	59	24	152.8	191.3	137.4	106.3	43.5	
Lynchburg	232	285	241	154	115	282.5	346.9	295.5	194.9	145.0	
District Total	445	535	435	303	210	169.0	203.0	164.5	115.5	79.7	
Cumberland Plateau Health District											
Buchanan Co.	1	0	3	2	0	4.7	0.0	14.6	10.1	0.0	
Dickenson Co.	5	7	7	4	4	34.4	48.9	49.7	29.0	29.1	
Russell Co.	6	5	16	8	14	22.4	18.8	60.0	31.3	55.0	
Tazewell Co.	16	9	10	12	9	39.2	22.2	24.7	30.1	22.6	
District Total	28	21	36	26	27	27.1	20.5	35.3	26.2	27.5	
Lenowisco Health District											
Lee Co.	5	5	12	13	3	21.2	21.3	51.6	59.1	13.6	
Norton	2	4	3	4	0	50.4	100.5	75.3	109.1	0.0	
Scott Co.	10	21	15	12	7	46.4	97.4	69.4	56.0	32.6	
Wise Co.	19	28	24	23	17	50.0	74.9	64.5	64.5	48.0	
District Total	36	58	54	52	27	41.4	67.2	62.7	62.9	32.7	
Mount Rogers Health District											
Bland Co.	1	3	1	0	1	15.9	47.8	16.0	0.0	16.3	
Bristol	33	36	45	47	22	200.2	214.8	259.7	275.6	129.6	
Carroll Co.	14	25	27	20	9	47.2	83.9	89.8	68.9	30.9	
Galax	5	9	11	8	6	77.8	141.8	174.7	120.1	89.2	
Grayson Co.	11	17	6	11	1	70.4	109.3	38.7	71.6	6.5	
Smyth Co.	20	14	21	16	19	65.6	46.5	69.8	54.3	64.5	
Washington Co.	20	41	51	29	19	36.8	76.3	95.0	54.1	35.2	
Wythe Co.	35	35	22	27	27	121.7	122.0	76.9	95.8	96.0	
District Total	139	180	184	158	104	73.9	96.1	98.0	85.1	56.0	

VIRGINIA STD SURVEILLANCE REPORT

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

	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	1,629	1,965	1,961	1,627	1,266	121.2	146.9	146.7	122.6	95.2	
New River Health District											
Floyd Co.	4	9	4	3	3	25.3	57.1	25.4	19.3	19.2	
Giles Co.	8	6	4	12	3	47.5	35.9	24.0	72.5	18.2	
Montgomery Co.	66	81	78	80	43	66.7	82.2	79.3	81.2	43.5	
Pulaski Co.	28	27	41	26	21	82.2	79.3	120.8	77.0	62.3	
Radford	51	25	26	23	9	278.1	137.0	142.4	139.4	53.8	
District Total	157	148	153	144	79	85.3	80.8	83.6	79.6	43.5	
Pittsylvania/Danville Health District											
Danville	74	88	108	101	128	181.8	219.8	270.9	253.3	303.1	
Pittsylvania Co.	78	56	60	53	53	128.0	92.8	100.3	88.4	88.4	
District Total	152	144	168	154	181	149.5	143.4	168.5	154.2	177.1	
Roanoke Health District											
Roanoke	399	502	606	480	333	399.3	506.3	611.8	485.5	340.3	
District Total	399	502	606	480	333	399.3	506.3	611.8	485.5	340.3	
West Piedmont Health District											
Franklin Co.	60	53	56	48	37	106.8	94.6	99.7	87.4	67.2	
Henry Co.	50	68	36	70	92	98.1	134.5	71.6	139.3	184.3	
Martinsville	38	41	34	30	56	294.5	326.6	275.2	221.9	408.0	
Patrick Co.	8	11	10	9	10	45.3	62.5	57.2	51.1	56.7	
District Total	156	173	136	157	195	113.3	126.5	99.8	115.2	143.0	

VIRGINIA STD SURVEILLANCE REPORT

Table 4GC-a. Gonorrhea diagnoses by health district, alphabetical

	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	*%	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	Change	
Alexandria	222	199	244	267	359	138.3	124.8	153.7	172.6	230.8	56.6%	
Alleghany	117	204	189	153	110	65.6	114.3	105.6	84.3	60.5	-34.6%	
Arlington	275	220	271	344	406	115.8	92.9	112.9	147.7	173.5	47.9%	
Blue Ridge	175	218	337	258	244	68.6	85.1	130.6	98.6	92.4	-3.4%	
Central Shenandoah	321	371	473	314	275	106.7	123.3	156.2	103.1	89.8	-26.6%	
Central Virginia	445	535	435	303	210	169.0	203.0	164.5	115.5	79.7	-51.1%	
Chesapeake	568	653	626	521	515	234.1	266.7	253.4	207.3	204.0	-15.2%	
Chesterfield	586	606	520	571	551	148.1	151.6	128.2	135.9	128.7	-8.7%	
Chickahominy	100	111	105	95	105	62.6	68.7	64.4	56.7	61.5	-2.4%	
Crater	654	578	469	464	499	421.3	372.8	304.5	329.5	308.9	-13.5%	
Cumberland Plateau	28	21	36	26	27	27.1	20.5	35.3	26.2	27.5	0.6%	
Eastern Shore	57	91	74	46	39	129.1	206.7	168.5	101.5	86.5	-42.9%	
Fairfax	623	656	755	873	1,008	52.3	55.3	63.5	74.1	85.6	39.6%	
Hampton	574	715	668	553	601	427.4	531.6	493.1	401.5	435.4	-6.0%	
Henrico	779	900	693	685	782	236.6	272.1	207.6	205.4	234.2	1.6%	
Lenowisco	36	58	54	52	27	41.4	67.2	62.7	62.9	32.7	-44.1%	
Lord Fairfax	151	123	124	164	120	63.3	51.3	51.3	66.6	48.3	-16.9%	
Loudoun Co.	122	102	130	144	190	30.0	24.7	30.7	33.7	44.0	47.7%	
Mount Rogers	139	180	184	158	104	73.9	96.1	98.0	85.1	56.0	-36.6%	
New River	157	148	153	144	79	85.3	80.8	83.6	79.6	43.5	-47.1%	
Norfolk	1,282	1,531	1,243	1,269	1,194	525.2	630.7	511.9	539.8	512.5	-7.2%	
Peninsula	970	1,125	990	903	989	277.2	320.3	280.1	248.4	270.7	-3.8%	
Piedmont	154	141	194	172	128	150.7	137.8	189.5	170.6	126.5	-22.0%	
Pittsylvania/Danville	152	144	168	154	181	149.5	143.4	168.5	154.2	177.1	15.1%	
Portsmouth	642	679	643	554	639	678.4	719.3	676.2	566.2	658.6	-0.2%	
Prince William	450	513	545	538	725	85.4	97.0	102.0	98.9	132.7	38.5%	
Rappahannock	324	353	372	466	454	87.4	94.0	97.1	119.0	113.9	14.6%	
Rapp./Rapidan	76	87	80	94	96	42.3	47.9	43.7	50.6	50.9	10.4%	
Richmond City	1,356	1,272	1,234	1,037	1,197	592.7	552.0	531.4	457.6	521.8	-2.2%	
Roanoke City	399	502	606	480	333	399.3	506.3	611.8	485.5	340.3	-32.0%	
Southside	156	216	200	167	149	192.2	267.6	248.9	208.9	186.1	-18.9%	
Three Rivers	134	138	106	134	123	94.6	97.4	74.5	92.7	84.5	-6.0%	
Virginia Beach	826	928	906	846	809	183.5	206.2	200.8	184.8	177.6	-8.4%	
West Piedmont	156	173	136	157	195	113.3	126.5	99.8	115.2	143.0	25.8%	
Western Tidewater	405	464	396	329	377	263.4	299.7	252.1	203.5	228.7	-10.2%	
Virginia Total	13,611	14,955	14,359	13,435	13,840	159.8	175.2	167.1	155.5	159.4	-3.1%	

*Percent change compares the 2023 rate to the 2019 - 2022 average annual rate.

VIRGINIA STD SURVEILLANCE REPORT

Table 4GC-b. Gonorrhea diagnoses by health district, by descending rate (2023)

	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	*% Change	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate		
Portsmouth	642	679	643	554	639	678.4	719.3	676.2	566.2	658.6	-0.2%	
Richmond City	1,356	1,272	1,234	1,037	1,197	592.7	552.0	531.4	457.6	521.8	-2.2%	
Norfolk	1,282	1,531	1,243	1,269	1,194	525.2	630.7	511.9	539.8	512.5	-7.2%	
Hampton	574	715	668	553	601	427.4	531.6	493.1	401.5	435.4	-6.0%	
Roanoke City	399	502	606	480	333	399.3	506.3	611.8	485.5	340.3	-32.0%	
Crater	654	578	469	464	499	421.3	372.8	304.5	329.5	308.9	-13.5%	
Peninsula	970	1,125	990	903	989	277.2	320.3	280.1	248.4	270.7	-3.8%	
Henrico	779	900	693	685	782	236.6	272.1	207.6	205.4	234.2	1.6%	
Alexandria	222	199	244	267	359	138.3	124.8	153.7	172.6	230.8	56.6%	
Western Tidewater	405	464	396	329	377	263.4	299.7	252.1	203.5	228.7	-10.2%	
Chesapeake	568	653	626	521	515	234.1	266.7	253.4	207.3	204.0	-15.2%	
Southside	156	216	200	167	149	192.2	267.6	248.9	208.9	186.1	-18.9%	
Virginia Beach	826	928	906	846	809	183.5	206.2	200.8	184.8	177.6	-8.4%	
Pittsylvania/Danville	152	144	168	154	181	149.5	143.4	168.5	154.2	177.1	15.1%	
Arlington	275	220	271	344	406	115.8	92.9	112.9	147.7	173.5	47.9%	
Virginia Total	13,611	14,955	14,359	13,435	13,840	159.8	175.2	167.1	155.5	159.4	-3.1%	
West Piedmont	156	173	136	157	195	113.3	126.5	99.8	115.2	143.0	25.8%	
Prince William	450	513	545	538	725	85.4	97.0	102.0	98.9	132.7	38.5%	
Chesterfield	586	606	520	571	551	148.1	151.6	128.2	135.9	128.7	-8.7%	
Piedmont	154	141	194	172	128	150.7	137.8	189.5	170.6	126.5	-22.0%	
Rappahannock	324	353	372	466	454	87.4	94.0	97.1	119.0	113.9	14.6%	
Blue Ridge	175	218	337	258	244	68.6	85.1	130.6	98.6	92.4	-3.4%	
Central Shenandoah	321	371	473	314	275	106.7	123.3	156.2	103.1	89.8	-26.6%	
Eastern Shore	57	91	74	46	39	129.1	206.7	168.5	101.5	86.5	-42.9%	
Fairfax	623	656	755	873	1,008	52.3	55.3	63.5	74.1	85.6	39.6%	
Three Rivers	134	138	106	134	123	94.6	97.4	74.5	92.7	84.5	-6.0%	
Central Virginia	445	535	435	303	210	169.0	203.0	164.5	115.5	79.7	-51.1%	
Chickahominy	100	111	105	95	105	62.6	68.7	64.4	56.7	61.5	-2.4%	
Alleghany	117	204	189	153	110	65.6	114.3	105.6	84.3	60.5	-34.6%	
Mount Rogers	139	180	184	158	104	73.9	96.1	98.0	85.1	56.0	-36.6%	
Rapp./Rapidan	76	87	80	94	96	42.3	47.9	43.7	50.6	50.9	10.4%	
Lord Fairfax	151	123	124	164	120	63.3	51.3	51.3	66.6	48.3	-16.9%	
Loudoun Co.	122	102	130	144	190	30.0	24.7	30.7	33.7	44.0	47.7%	
New River	157	148	153	144	79	85.3	80.8	83.6	79.6	43.5	-47.1%	
Lenowisco	36	58	54	52	27	41.4	67.2	62.7	62.9	32.7	-44.1%	
Cumberland Plateau	28	21	36	26	27	27.1	20.5	35.3	26.2	27.5	0.6%	

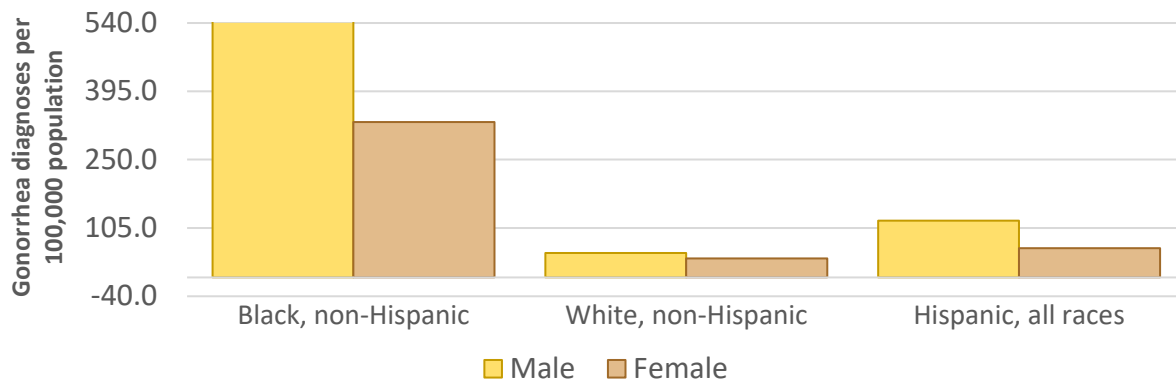
*Percent change compares the 2023 rate to the 2019 - 2022 average annual rate.

VIRGINIA STD SURVEILLANCE REPORT

Table 6GC. Gonorrhea Diagnoses by Additional Demographics, 2023

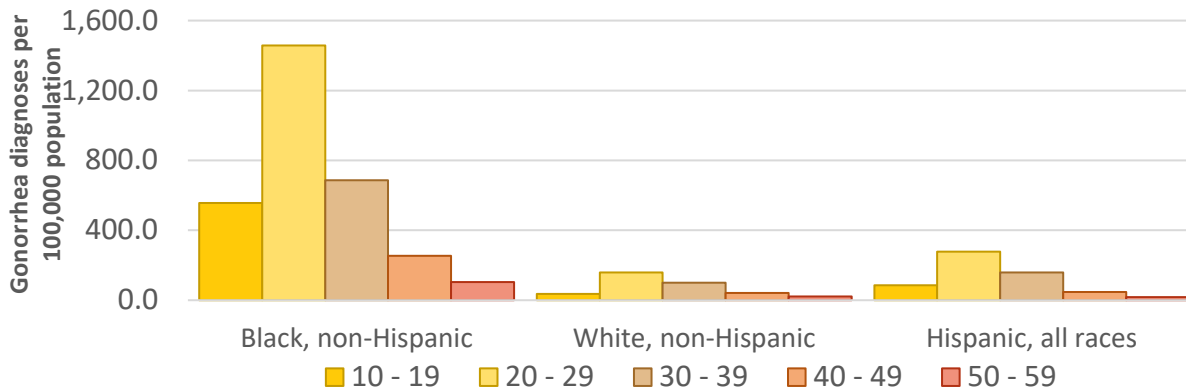
	Black, non-Hispanic		White, non-Hispanic		Hispanic, all races		Multi-race or other	Unknown
	No.	Rate	No.	Rate	No.	Rate	No.	No.
Total	7,249	435.61	2,390	46.0	843	92.5	911	2,447
Gender								
Male	4,397	547.3	1,338	51.8	567	120.7	567	1,502
Female	2,839	329.9	1,047	40.1	273	61.9	342	945
Transgender/ Other	13	--	5	--	3	--	2	0
Unknown	0	--	0	--	0	--	0	0

Figure 4GC. Gonorrhea diagnoses by race/ethnicity and gender, 2023



	Black, non-Hispanic		White, non-Hispanic		Hispanic, all races		Multi-race or other	Unknown
	No.	Rate	No.	Rate	No.	Rate	No.	No.
Total	7,249	391.5	2,390	39.8	843	61.9	911	2,447
Age at diagnosis								
<10	1	0.0	0	0.0	0	0.0	0	1
10 - 19	1,209	556.0	208	36.1	134	85.4	138	360
20 - 29	3,540	1,457.9	1,026	158.4	407	277.5	446	1,069
30 - 39	1,664	686.4	676	99.6	218	159.0	230	625
40 - 49	522	254.3	265	42.3	63	46.9	63	245
50 - 59	223	104.3	153	21.5	17	18.6	24	101
60 +	90	26.2	62	4.3	4	4.7	10	46

Figure 5GC. Gonorrhea diagnoses by race/ethnicity and age, 2023

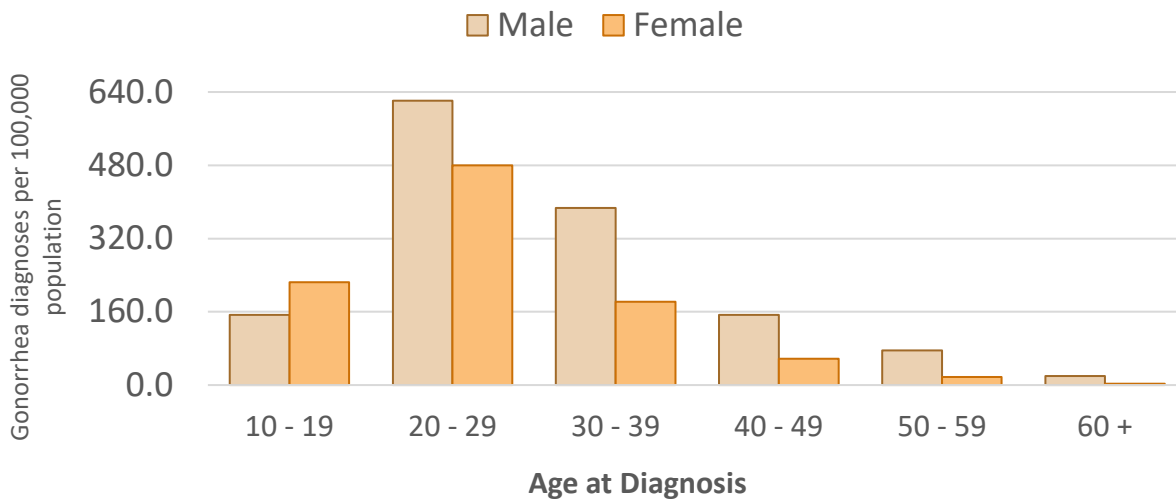


VIRGINIA STD SURVEILLANCE REPORT

Table 6GC. Gonorrhea Diagnoses by Additional Demographics, 2023

	Male		Female		Transgender/ Other	
	No.	Rate	No.	Rate	No.	Rate
Total	8,371	194.7	5,446	124.21	23	--
Age at diagnosis						
<10	1	0.0	1	0.0	0	--
10 - 19	855	153.0	1,194	224.3	0	--
20 - 29	3,742	621.4	2,733	480.0	13	--
30 - 39	2,331	387.1	1,075	181.8	7	--
40 - 49	841	153.2	314	57.6	3	--
50 - 59	418	75.6	100	17.7	0	--
60 +	183	19.9	29	2.7	0	--

Figure 6GC. Gonorrhea diagnoses by gender and age at diagnosis, 2023



Gonorrhea rates by locality in Virginia, 2023

Rate per 100,000

0 - 37.4

37.5 - 62.2

62.3 - 114.8

114.9 - 182.3

182.4 - 658.6

