

VIRGINIA STD SURVEILLANCE REPORT

Table 1GC. New Gonorrhea Diagnoses

	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Total	8,130	8,640	10,834	12,177	11,954	97.6	103.1	128.8	143.8	141.1	
Gender											
Male	3,827	4,391	5,854	6,589	6,613	93.4	106.5	141.5	158.1	158.7	
Female	4,288	4,238	4,953	5,511	5,295	101.3	99.5	115.9	128.1	123.0	
Transgender	3	2	5	17	16	--	--	--	--	--	
Other/unknown	12	9	22	60	30	--	--	--	--	--	
Age at diagnosis											
< 10	3	4	6	5	4	0.3	0.4	0.6	0.5	0.4	
10 - 14	50	33	43	37	52	9.6	6.3	8.2	7.1	9.9	
15 - 19	1,760	1,698	1,952	2,232	2,058	327.7	315.4	361.0	413.4	381.2	
20 - 24	3,003	3,110	3,522	3,816	3,615	496.8	518.3	597.2	654.8	620.3	
25 - 29	1,595	1,855	2,399	2,793	2,720	269.1	309.7	406.7	465.0	452.8	
30 - 34	789	869	1,216	1,378	1,471	135.5	148.6	208.9	235.7	251.6	
35 - 39	363	416	673	778	870	67.9	76.0	120.7	136.6	152.8	
40 - 44	226	236	354	382	394	40.8	43.5	67.0	72.9	75.1	
45 - 49	150	165	249	288	285	26.4	29.3	44.0	50.9	50.4	
50 - 54	100	135	204	208	213	16.4	22.3	34.2	35.7	36.5	
55 - 59	62	64	118	129	138	11.0	11.2	20.4	22.1	23.7	
60 - 64	18	38	51	78	82	3.8	7.8	10.2	15.2	16.0	
> 64	11	12	32	38	47	1.0	1.0	2.6	3.0	3.7	
Other/unknown	0	5	15	15	5	--	--	--	--	--	
Race/ethnicity											
Black, non-Hispanic	5,251	5,623	6,671	6,848	7,293	318.9	338.2	398.6	405.3	431.6	
White, non-Hispanic	1,335	1,314	1,541	1,794	2,095	24.9	24.5	28.8	33.6	39.2	
Hispanic (all races)	229	264	348	353	409	31.1	35.0	45.4	44.4	51.4	
Other/multi-race	140	151	216	236	277	--	--	--	--	--	
Unknown	1,175	1,288	2,058	2,946	1,880	--	--	--	--	--	
Health Region											
Central	2,319	2,469	3,346	3,361	3,373	164.4	173.6	233.9	233.2	234.0	
Eastern	3,311	3,708	4,235	4,803	4,659	179.3	199.9	228.2	259.2	251.4	
Northern	819	965	1,373	1,539	1,536	33.8	39.4	55.8	61.5	61.4	
Northwest	584	498	561	857	985	45.1	38.2	42.7	64.5	74.1	
Southwest	1,097	1,000	1,319	1,617	1,401	80.9	73.7	97.7	120.2	104.2	

Figure 1GC. Rate of gonorrhea diagnoses by race/ethnicity, 2014 - 2018

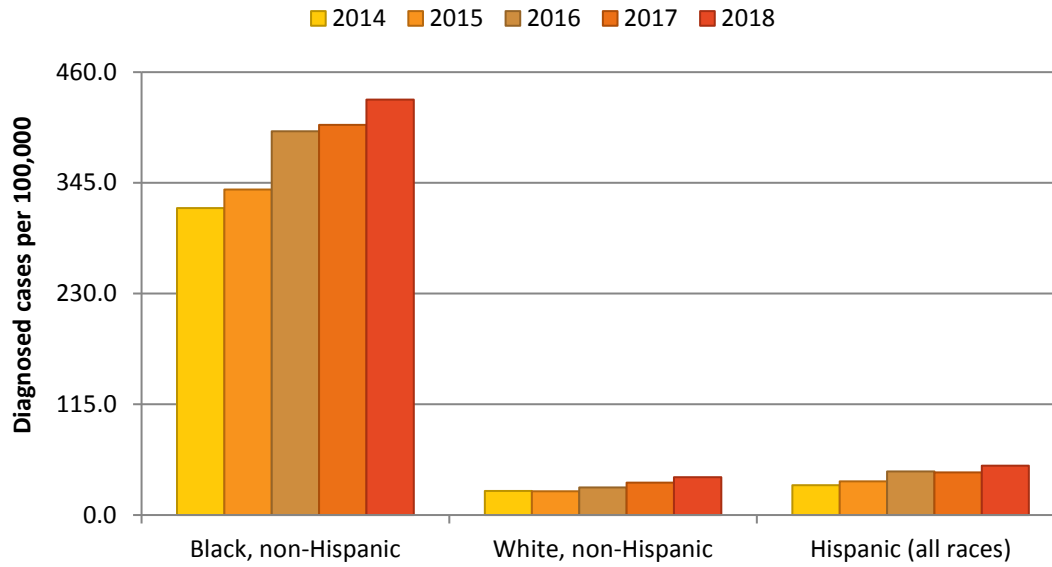


Figure 2GC. Rate of gonorrhea diagnoses by gender, 2014 - 2018

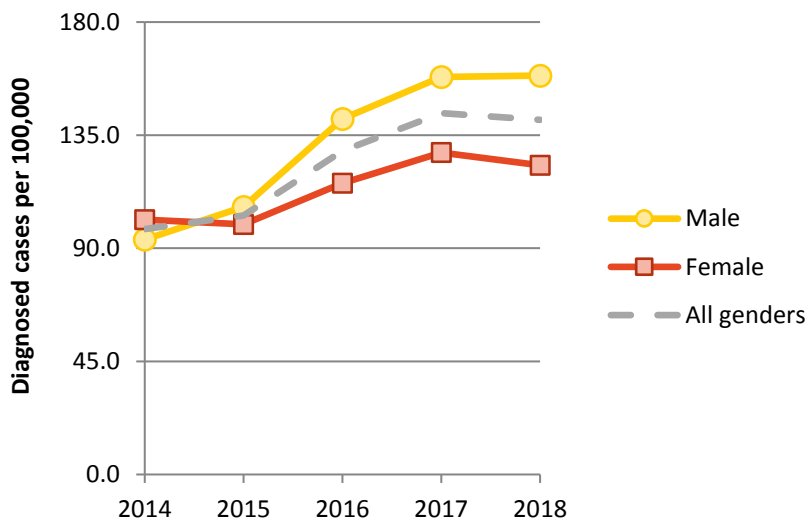
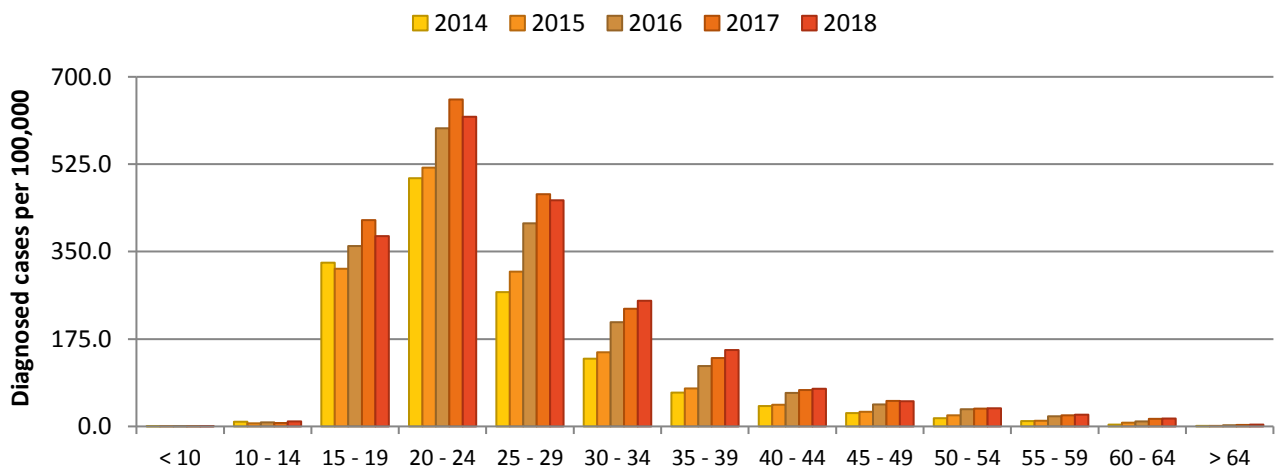


Figure 3GC. Rate of gonorrhea diagnoses by age in years, 2014 - 2018



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Table 2GC. Gonorrhea Diagnoses by Region, 2018

	Central	Eastern	Northern	Northwest	Southwest
	No.	No.	No.	No.	No.
Total	3,373	4,659	1,536	985	1,401
Gender					
Male	1,861	2,470	1,104	514	664
Female	1,501	2,172	428	465	729
Transgender	2	11	1	0	2
Other/unknown	9	6	3	6	6
% Female % Male					
Age in years					
< 10	1	2	0	0	1
10 - 14	19	16	5	4	8
15 - 19	551	912	148	171	276
20 - 24	1,047	1,499	410	281	378
25 - 29	757	1,022	382	254	305
30 - 34	408	507	242	130	184
35 - 39	257	322	135	63	93
40 - 44	114	121	68	40	51
45 - 49	82	89	52	22	40
50 - 54	53	68	62	5	25
55 - 59	41	48	19	5	25
60 - 64	24	35	8	6	9
> 64	17	17	5	2	6
Other/unknown	2	1	0	2	0
Race/ethnicity					
Black, non-Hispanic	2,470	3,402	448	325	648
White, non-Hispanic	408	583	286	399	419
Hispanic (all races)	72	94	193	30	20
Other/ Multi-race	42	117	79	20	19
Unknown	381	463	530	211	295

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

	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	2,319	2,469	3,346	3,361	3,373	164.4	173.6	233.9	233.2	234.0	
Chesterfield Health District											
Chesterfield Co.	263	265	427	460	502	79.1	78.9	126.0	133.9	146.1	
Colonial Heights	13	21	35	28	33	73.3	117.8	196.9	157.0	185.1	
Powhatan Co.	5	12	11	15	15	17.6	42.8	38.7	52.4	52.4	
District Total	281	298	473	503	550	74.2	78.1	122.8	129.0	141.0	
Chickahominy Health District											
Charles City Co.	2	11	10	6	10	28.5	156.3	141.4	85.7	142.8	
Goochland Co.	9	4	15	10	11	41.0	18.0	66.2	44.1	48.5	
Hanover Co.	29	37	75	75	60	28.5	35.8	71.8	70.8	56.6	
New Kent Co.	10	5	17	15	18	49.9	24.5	80.4	69.2	83.0	
District Total	50	57	117	106	99	33.1	37.3	75.3	67.4	62.9	
Crater Health District											
Dinwiddie Co.	24	17	47	36	43	86.1	61.0	167.0	127.6	152.4	
Emporia	6	18	19	18	16	109.8	327.5	358.2	340.8	302.9	
Greensville Co.	7	9	15	18	11	59.9	75.7	128.1	154.1	94.2	
Hopewell	61	84	106	103	98	274.8	375.4	466.2	455.3	433.2	
Petersburg	203	239	247	229	221	620.8	735.9	774.7	721.3	696.1	
Prince George Co.	39	43	69	86	83	104.5	113.6	182.3	227.5	219.5	
Surry Co.	12	9	8	16	14	176.7	134.1	122.2	244.6	214.1	
Sussex Co.	9	25	21	36	23	76.5	213.4	182.5	316.5	202.2	
District Total	361	444	532	542	509	231.7	283.9	341.8	349.1	327.8	
Henrico Health District											
Henrico Co.	457	463	692	713	636	142.0	142.4	211.9	217.4	194.0	
District Total	457	463	692	713	636	142.0	142.4	211.9	217.4	194.0	
Piedmont Health District											
Amelia Co.	6	5	12	9	11	46.7	38.8	92.9	69.1	84.5	
Buckingham Co.	8	25	4	28	26	47.3	146.8	23.5	164.1	152.4	
Charlotte Co.	6	9	10	13	9	49.1	73.8	82.4	107.3	74.3	
Cumberland Co.	13	7	14	18	12	132.3	72.0	145.0	183.5	122.3	
Lunenburg Co.	14	8	8	9	16	112.3	65.0	65.2	73.6	130.8	
Nottoway Co.	14	3	10	23	35	89.9	19.1	64.1	149.0	226.8	
Prince Edward Co.	20	28	29	33	23	86.7	122.0	125.3	145.4	101.3	
District Total	81	85	87	133	132	78.7	82.7	84.7	129.9	128.9	
Richmond City Health District											
Richmond City	1,006	1,015	1,338	1,244	1,301	461.8	460.8	599.5	547.9	573.0	
District Total	1,006	1,015	1,338	1,244	1,301	461.8	460.8	599.5	547.9	573.0	
Southside Health District											
Brunswick Co.	18	31	26	28	40	109.1	185.7	160.1	172.4	246.2	
Halifax Co.	39	39	52	43	48	110.8	111.0	148.6	124.4	138.9	
Mecklenburg Co.	26	37	29	49	58	83.4	119.0	93.9	159.7	189.0	
District Total	83	107	107	120	146	100.1	129.1	130.3	147.3	179.2	

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

	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	3,311	3,708	4,235	4,803	4,659	179.3	199.9	228.2	259.2	251.4	
Chesapeake Health District											
Chesapeake	304	319	365	451	456	130.3	135.5	153.4	187.6	189.7	
District Total	304	319	365	451	456	130.3	135.5	153.4	187.6	189.7	
Eastern Shore Health District											
Accomack Co.	31	40	29	40	66	93.9	121.3	88.0	122.9	202.8	
Northampton Co.	3	13	11	12	14	24.8	107.0	90.6	101.3	118.2	
District Total	34	53	40	52	80	75.3	117.4	88.7	117.1	180.2	
Hampton Health District											
Hampton	389	452	480	574	491	284.2	331.2	354.5	426.2	364.6	
District Total	389	452	480	574	491	284.2	331.2	354.5	426.2	364.6	
Norfolk Health District											
Norfolk	793	862	997	1,084	1,116	323.1	349.8	406.7	443.0	456.1	
District Total	793	862	997	1,084	1,116	323.1	349.8	406.7	443.0	456.1	
Peninsula Health District											
James City Co.	42	58	48	51	42	57.9	79.3	64.5	67.5	55.6	
Newport News	498	598	720	817	771	272.2	327.9	396.0	455.4	429.8	
Poquoson	2	1	1	5	5	16.6	8.3	8.3	41.5	41.5	
Williamsburg	15	12	23	17	22	102.1	79.7	151.2	113.1	146.4	
York Co.	37	27	34	51	54	55.8	39.8	50.0	75.3	79.7	
District Total	594	696	826	941	894	170.4	198.6	235.0	269.1	255.6	
Portsmouth Health District											
Portsmouth	353	337	477	475	536	367.7	350.3	500.8	502.3	566.8	
District Total	353	337	477	475	536	367.7	350.3	500.8	502.3	566.8	
Three Rivers Health District											
Essex Co.	3	6	14	21	12	27.0	53.9	125.9	190.4	108.8	
Gloucester Co.	19	9	24	26	33	51.2	24.2	64.5	69.7	88.5	
King and Queen Co.	5	5	0	9	5	69.7	69.9	0.0	128.5	71.4	
King William Co.	2	5	9	17	10	12.4	30.7	55.1	101.7	59.9	
Lancaster Co.	3	6	11	12	5	27.2	54.7	100.3	111.2	46.3	
Mathews Co.	0	0	2	1	8	0.0	0.0	22.8	11.4	91.1	
Middlesex Co.	7	6	2	6	4	65.4	56.6	18.6	56.2	37.5	
Northumberland Co.	2	6	6	11	12	16.3	49.1	49.1	89.6	97.8	
Richmond Co.	3	3	5	4	8	33.7	33.7	57.0	44.7	89.5	
Westmoreland Co.	5	7	13	23	20	28.6	39.7	73.9	129.4	112.5	
District Total	49	53	86	130	117	34.8	37.6	61.0	92.0	82.8	
Virginia Beach Health District											
Virginia Beach	551	678	668	795	671	122.2	149.8	147.6	176.5	149.0	
District Total	551	678	668	795	671	122.2	149.8	147.6	176.5	149.0	
Western Tidewater Health District											
Franklin City	38	27	17	33	30	445.7	318.0	204.7	403.6	366.9	
Isle of Wight Co.	32	21	48	47	44	88.9	57.8	131.2	128.6	120.4	
Southampton Co.	22	27	16	27	22	121.8	149.1	88.6	152.1	123.9	
Suffolk	152	183	215	194	202	175.1	207.6	240.8	215.0	223.9	
District Total	244	258	296	301	298	163.3	170.8	194.4	197.1	195.1	

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

	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	819	965	1,373	1,539	1,536	33.8	39.4	55.8	61.5	61.4	
Alexandria Health District											
Alexandria	120	149	195	223	203	79.7	97.1	125.2	139.3	126.8	
District Total	120	149	195	223	203	79.7	97.1	125.2	139.3	126.8	
Arlington Health District											
Arlington	134	153	184	223	244	59.1	66.8	80.0	94.9	103.8	
District Total	134	153	184	223	244	59.1	66.8	80.0	94.9	103.8	
Fairfax Health District											
Fairfax City	17	8	6	12	14	69.4	33.3	24.8	49.8	58.1	
Fairfax Co.	270	324	521	547	554	23.7	28.4	45.8	47.6	48.2	
Falls Church	19	9	13	13	3	139.7	64.8	92.8	89.1	20.6	
District Total	306	341	540	572	571	26.0	28.9	45.9	48.2	48.1	
Loudoun Health District											
Loudoun Co.	59	88	100	116	121	16.3	23.4	25.9	29.1	30.4	
District Total	59	88	100	116	121	16.3	23.4	25.9	29.1	30.4	
Prince William Health District											
Manassas	25	26	23	41	41	59.4	62.3	55.4	98.8	98.8	
Manassas Park	11	2	3	11	11	72.5	12.7	18.9	66.3	66.3	
Prince William Co.	164	206	328	353	345	36.8	45.6	72.1	76.2	74.5	
District Total	200	234	354	405	397	39.7	46.0	69.1	77.7	76.2	

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

	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	584	498	561	857	985	45.1	38.2	42.7	64.5	74.1	
Central Shenandoah District											
Augusta Co.	27	22	10	41	65	36.6	29.6	13.3	54.6	86.5	
Bath Co.	3	4	0	0	2	65.7	89.5	0.0	0.0	46.5	
Buena Vista	2	1	3	4	1	30.3	15.1	46.5	63.2	15.8	
Harrisonburg	31	24	22	24	30	59.1	45.7	41.4	44.3	55.3	
Highland Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Lexington	2	0	1	6	1	27.4	0.0	14.2	84.4	14.1	
Rockbridge Co.	1	5	3	8	5	4.5	22.4	13.4	35.3	22.1	
Rockingham Co.	20	16	16	17	30	25.6	20.4	20.1	21.2	37.4	
Staunton	27	20	10	28	48	110.0	81.9	41.0	114.2	195.7	
Waynesboro	21	8	16	40	45	98.3	37.2	73.1	179.2	201.5	
District Total	134	100	81	168	227	45.7	34.0	27.3	56.2	75.9	
Lord Fairfax Health District											
Clarke Co.	3	1	1	5	3	20.8	7.0	7.0	34.5	20.7	
Frederick Co.	22	19	19	38	40	26.7	22.8	22.5	43.9	46.3	
Page Co.	0	1	2	14	18	0.0	4.2	8.5	59.0	75.9	
Shenandoah Co.	5	8	22	16	31	11.6	18.5	51.0	37.0	71.7	
Warren Co.	14	5	19	30	34	35.9	12.8	48.5	75.8	85.9	
Winchester	26	35	16	36	48	94.4	128.3	58.1	128.9	171.8	
District Total	70	69	79	139	174	30.4	29.9	34.0	59.0	73.9	
Rappahannock Health District											
Caroline Co.	12	29	23	24	26	40.3	96.7	76.2	78.8	85.4	
Fredericksburg	32	29	44	41	41	112.9	103.1	155.5	144.6	144.6	
King George Co.	9	9	18	10	24	35.5	35.3	69.3	38.0	91.1	
Spotsylvania Co.	54	68	70	95	108	41.8	52.1	53.0	71.4	81.2	
Stafford Co.	52	61	86	106	116	37.1	43.0	59.6	72.3	79.1	
District Total	159	196	241	276	315	45.1	55.0	66.8	75.6	86.3	
Rappahannock/Rapidan Health District											
Culpeper Co.	17	9	15	32	34	34.6	18.2	30.0	62.4	66.3	
Fauquier Co.	11	8	17	29	25	16.1	11.6	24.6	41.7	36.0	
Madison Co.	16	4	1	8	7	121.6	30.5	7.6	60.3	52.7	
Orange Co.	21	17	13	13	17	60.0	48.0	36.6	36.0	47.1	
Rappahannock Co.	2	0	4	0	0	27.2	0.0	54.1	0.0	0.0	
District Total	67	38	50	82	83	38.7	21.8	28.5	46.2	46.8	
Thomas Jefferson Health District											
Albemarle Co.	41	22	35	81	78	39.2	20.8	32.7	75.2	72.4	
Charlottesville	70	37	42	63	62	153.5	79.4	89.5	131.2	129.1	
Fluvanna Co.	12	7	9	9	12	46.0	26.7	34.3	34.0	45.4	
Greene Co.	5	4	3	8	6	26.3	20.9	15.5	40.8	30.6	
Louisa Co.	18	17	19	25	21	52.4	49.1	53.9	69.7	58.6	
Nelson Co.	8	8	2	6	7	53.9	54.1	13.5	40.2	46.8	
District Total	154	95	110	192	186	63.0	38.4	44.1	76.0	73.6	

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

	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	1,097	1,000	1,319	1,617	1,401	80.9	73.7	97.7	120.2	104.2	
Alleghany Health District											
Alleghany Co.	1	1	4	2	5	6.3	6.4	25.6	13.2	33.1	
Botetourt Co.	8	7	12	17	7	24.2	21.0	36.1	51.2	21.1	
Covington	0	1	1	3	2	0.0	17.7	18.1	54.2	36.2	
Craig Co.	3	0	1	1	0	57.3	0.0	19.4	19.8	0.0	
Roanoke Co.	57	55	76	72	46	60.8	58.3	80.8	76.8	49.1	
Salem	13	13	21	32	27	51.0	51.1	82.2	123.7	104.4	
District Total	82	77	115	127	87	45.8	42.8	64.2	71.1	48.7	
Central Virginia Health District											
Amherst Co.	21	25	20	22	28	65.5	78.3	63.2	69.6	88.6	
Appomattox Co.	6	11	12	14	14	39.3	71.4	77.5	89.3	89.3	
Bedford Co.	44	16	38	30	30	57.5	20.6	48.7	38.5	38.5	
Campbell Co.	34	27	29	43	31	61.9	49.0	52.8	78.2	56.4	
Lynchburg	169	156	149	183	203	213.8	195.5	185.8	225.9	250.6	
District Total	274	235	248	292	306	106.3	90.4	95.3	111.8	117.1	
Cumberland Plateau Health District											
Buchanan Co.	0	3	0	0	1	0.0	13.2	0.0	0.0	4.6	
Dickenson Co.	2	1	0	5	3	13.1	6.6	0.0	33.8	20.3	
Russell Co.	0	2	1	4	4	0.0	7.2	3.7	14.8	14.8	
Tazewell Co.	1	2	6	25	17	2.3	4.7	14.2	60.8	41.4	
District Total	3	8	7	34	25	2.7	7.4	6.6	32.6	23.9	
Lenowisco Health District											
Lee Co.	3	1	0	5	3	12.0	4.0	0.0	21.0	12.6	
Norton	1	0	0	1	1	24.8	0.0	0.0	25.4	25.4	
Scott Co.	3	6	2	2	8	13.4	27.1	9.1	9.1	36.6	
Wise Co.	6	3	10	18	16	15.0	7.6	25.5	46.6	41.5	
District Total	13	10	12	26	28	14.2	11.0	13.5	29.5	31.8	
Mount Rogers Health District											
Bristol	23	12	7	10	33	133.8	70.0	41.3	59.6	196.5	
Bland Co.	1	0	0	0	2	15.1	0.0	0.0	0.0	31.5	
Carroll Co.	4	3	4	6	12	13.5	10.1	13.5	20.2	40.4	
Galax	0	2	4	6	5	0.0	28.9	59.0	90.6	75.5	
Grayson Co.	1	1	5	4	5	6.6	6.2	33.1	25.5	31.9	
Smyth Co.	6	3	16	19	14	19.0	9.5	51.5	62.0	45.7	
Washington Co.	9	14	15	12	24	16.4	25.6	27.7	22.1	44.1	
Wythe Co.	11	7	3	8	8	37.8	24.0	10.3	27.7	27.7	
District Total	55	42	54	65	103	28.8	21.9	28.5	34.4	54.5	
New River Health District											
Floyd Co.	4	4	1	4	3	25.7	25.6	6.4	25.4	19.0	
Giles Co.	3	3	2	7	6	17.8	18.0	11.9	41.6	35.6	
Montgomery Co.	26	42	28	50	42	26.7	43.0	28.4	50.7	42.6	
Pulaski Co.	26	12	10	11	19	75.8	35.0	29.2	32.2	55.6	

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

	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	
New River Health District, cont.											
Radford	16	13	20	25	34	90.7	74.7	114.4	141.6	192.5	
District Total	75	74	61	97	104	41.3	40.7	33.4	53.0	56.8	
Pittsylvania/Danville Health District											
Danville	132	133	174	209	137	311.0	316.0	415.3	508.1	333.1	
Pittsylvania Co.	36	70	42	63	43	57.7	112.6	68.1	102.8	70.2	
District Total	168	203	216	272	180	160.3	194.7	208.5	265.7	175.8	
Roanoke Health District											
Roanoke City	244	215	453	510	365	245.4	215.2	454.5	510.8	365.6	
District Total	244	215	453	510	365	245.4	215.2	454.5	510.8	365.6	
West Piedmont Health District											
Franklin Co.	54	26	48	40	52	95.8	46.2	85.6	70.9	92.1	
Henry Co.	80	55	59	88	80	153.6	106.0	114.7	171.8	156.2	
Martinsville	42	53	44	56	62	306.3	388.4	327.3	426.1	471.8	
Patrick Co.	7	2	2	10	9	38.3	11.1	11.2	56.6	50.9	
District Total	183	136	153	194	203	130.3	97.3	110.2	140.1	146.6	

VIRGINIA STD SURVEILLANCE REPORT

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

	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	*% Change	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate		
Alexandria	120	149	195	223	203	79.7	97.1	125.2	139.3	126.8	15.0%	
Alleghany	82	77	115	127	87	45.8	42.8	64.2	71.1	48.7	-12.9%	
Arlington	134	153	184	223	244	59.1	66.8	80.0	94.9	103.8	38.1%	
Central Shenandoah	134	100	81	168	227	45.7	34.0	27.3	56.2	75.9	86.1%	
Central Virginia	274	235	248	292	306	106.3	90.4	95.3	111.8	117.1	16.0%	
Chesapeake	304	319	365	451	456	130.3	135.5	153.4	187.6	189.7	25.0%	
Chesterfield	281	298	473	503	550	74.2	78.1	122.8	129.0	141.0	39.6%	
Chickahominy	50	57	117	106	99	33.1	37.3	75.3	67.4	62.9	18.1%	
Crater	361	444	532	542	509	231.7	283.9	341.8	349.1	327.8	8.7%	
Cumberland Plateau	3	8	7	34	25	2.7	7.4	6.6	32.6	23.9	94.6%	
Eastern Shore	34	53	40	52	80	75.3	117.4	88.7	117.1	180.2	80.8%	
Fairfax	306	341	540	572	571	26.0	28.9	45.9	48.2	48.1	29.1%	
Hampton	389	452	480	574	491	284.2	331.2	354.5	426.2	364.6	4.5%	
Henrico Co.	457	463	692	713	636	142.0	142.4	211.9	217.4	194.0	8.7%	
Lenowisco	13	10	12	26	28	14.2	11.0	13.5	29.5	31.8	86.2%	
Lord Fairfax	70	69	79	139	174	30.4	29.9	34.0	59.0	73.9	92.8%	
Loudoun Co.	59	88	100	116	121	16.3	23.4	25.9	29.1	30.4	28.3%	
Mount Rogers	55	42	54	65	103	28.8	21.9	28.5	34.4	54.5	91.7%	
New River	75	74	61	97	104	41.3	40.7	33.4	53.0	56.8	35.0%	
Norfolk	793	862	997	1,084	1,116	323.1	349.8	406.7	443.0	456.1	19.8%	
Peninsula	594	696	826	941	894	170.4	198.6	235.0	269.1	255.6	17.1%	
Piedmont	81	85	87	133	132	78.7	82.7	84.7	129.9	128.9	37.2%	
Pittsylvania/Danville	168	203	216	272	180	160.3	194.7	208.5	265.7	175.8	-15.2%	
Portsmouth	353	337	477	475	536	367.7	350.3	500.8	502.3	566.8	31.7%	
Prince William	200	234	354	405	397	39.7	46.0	69.1	77.7	76.2	31.1%	
Rappahannock	159	196	241	276	315	45.1	55.0	66.8	75.6	86.3	42.4%	
Rapp./Rapidan	67	38	50	82	83	38.7	21.8	28.5	46.2	46.8	38.3%	
Richmond City	1,006	1,015	1,338	1,244	1,301	461.8	460.8	599.5	547.9	573.0	10.7%	
Roanoke City	244	215	453	510	365	245.4	215.2	454.5	510.8	365.6	2.6%	
Southside	83	107	107	120	146	100.1	129.1	130.3	147.3	179.2	41.4%	
Thomas Jefferson	154	95	110	192	186	63.0	38.4	44.1	76.0	73.6	32.9%	
Three Rivers	49	53	86	130	117	34.8	37.6	61.0	92.0	82.8	46.9%	
Virginia Beach	551	678	668	795	671	122.2	149.8	147.6	176.5	149.0	0.0%	
West Piedmont	183	136	153	194	203	130.3	97.3	110.2	140.1	146.6	22.7%	
Western Tidewater	244	258	296	301	298	163.3	170.8	194.4	197.1	195.1	7.6%	
Virginia Total	8,130	8,640	10,834	12,177	11,954	97.6	103.1	128.8	143.8	141.1	19.3%	

*Percent change compares the 2018 rate to the 2014 - 2017 average annual rate.

VIRGINIA STD SURVEILLANCE REPORT

Table 4GC-b. GC diagnoses by health district, by rate

	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	%	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	Change	
Richmond City	1,006	1,015	1,338	1,244	1,301	461.8	460.8	599.5	547.9	573.0	10.7%	
Portsmouth	353	337	477	475	536	367.7	350.3	500.8	502.3	566.8	31.7%	
Norfolk	793	862	997	1,084	1,116	323.1	349.8	406.7	443.0	456.1	19.8%	
Roanoke City	244	215	453	510	365	245.4	215.2	454.5	510.8	365.6	2.6%	
Hampton	389	452	480	574	491	284.2	331.2	354.5	426.2	364.6	4.5%	
Crater	361	444	532	542	509	231.7	283.9	341.8	349.1	327.8	8.7%	
Peninsula	594	696	826	941	894	170.4	198.6	235.0	269.1	255.6	17.1%	
Western Tidewater	244	258	296	301	298	163.3	170.8	194.4	197.1	195.1	7.6%	
Henrico Co.	457	463	692	713	636	142.0	142.4	211.9	217.4	194.0	8.7%	
Chesapeake	304	319	365	451	456	130.3	135.5	153.4	187.6	189.7	25.0%	
Eastern Shore	34	53	40	52	80	75.3	117.4	88.7	117.1	180.2	80.8%	
Southside	83	107	107	120	146	100.1	129.1	130.3	147.3	179.2	41.4%	
Pittsylvania/Danville	168	203	216	272	180	160.3	194.7	208.5	265.7	175.8	-15.2%	
Virginia Beach	551	678	668	795	671	122.2	149.8	147.6	176.5	149.0	0.0%	
West Piedmont	183	136	153	194	203	130.3	97.3	110.2	140.1	146.6	22.7%	
Virginia Total	8,130	8,640	10,834	12,177	11,954	97.6	103.1	128.8	143.8	141.1	19.3%	
Chesterfield	281	298	473	503	550	74.2	78.1	122.8	129.0	141.0	39.6%	
Piedmont	81	85	87	133	132	78.7	82.7	84.7	129.9	128.9	37.2%	
Alexandria	120	149	195	223	203	79.7	97.1	125.2	139.3	126.8	15.0%	
Central Virginia	274	235	248	292	306	106.3	90.4	95.3	111.8	117.1	16.0%	
Arlington	134	153	184	223	244	59.1	66.8	80.0	94.9	103.8	38.1%	
Rappahannock	159	196	241	276	315	45.1	55.0	66.8	75.6	86.3	42.4%	
Three Rivers	49	53	86	130	117	34.8	37.6	61.0	92.0	82.8	46.9%	
Prince William	200	234	354	405	397	39.7	46.0	69.1	77.7	76.2	31.1%	
Central Shenandoah	134	100	81	168	227	45.7	34.0	27.3	56.2	75.9	86.1%	
Lord Fairfax	70	69	79	139	174	30.4	29.9	34.0	59.0	73.9	92.8%	
Thomas Jefferson	154	95	110	192	186	63.0	38.4	44.1	76.0	73.6	32.9%	
Chickahominy	50	57	117	106	99	33.1	37.3	75.3	67.4	62.9	18.1%	
New River	75	74	61	97	104	41.3	40.7	33.4	53.0	56.8	35.0%	
Mount Rogers	55	42	54	65	103	28.8	21.9	28.5	34.4	54.5	91.7%	
Alleghany	82	77	115	127	87	45.8	42.8	64.2	71.1	48.7	-12.9%	
Fairfax	306	341	540	572	571	26.0	28.9	45.9	48.2	48.1	29.1%	
Rapp./Rapidan	67	38	50	82	83	38.7	21.8	28.5	46.2	46.8	38.3%	
Lenowisco	13	10	12	26	28	14.2	11.0	13.5	29.5	31.8	86.2%	
Loudoun Co.	59	88	100	116	121	16.3	23.4	25.9	29.1	30.4	28.3%	
Cumberland Plateau	3	8	7	34	25	2.7	7.4	6.6	32.6	23.9	94.6%	

*Percent change compares the 2018 rate to the 2014 - 2017 average annual rate.