

VIRGINIA STD SURVEILLANCE REPORT

Table 1ES. New Early Syphilis Diagnoses

	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Total	1,287	1,296	1,414	1,551	1,800	15.1	15.2	16.5	17.9	20.7	
Gender											
Male	1,110	1,082	1,187	1,295	1,464	26.5	25.8	28.1	30.3	34.1	
Female	140	170	196	223	293	3.2	3.9	4.5	5.1	6.7	
Transgender/other	37	44	31	33	43	--	--	--	--	--	
Age at diagnosis											
< 10	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
10 - 14	1	0	0	0	0	0.2	0.0	0.0	0.0	0.0	
15 - 19	47	44	51	56	69	8.7	8.1	9.4	10.1	12.4	
20 - 24	251	218	236	215	205	43.4	38.1	41.1	37.6	34.4	
25 - 29	297	301	277	317	325	49.2	50.0	46.1	54.5	56.4	
30 - 34	242	257	280	329	360	41.3	43.7	47.0	55.1	60.1	
35 - 39	155	161	178	184	276	26.8	27.7	30.5	30.9	46.4	
40 - 44	80	93	140	138	166	15.2	17.5	25.8	24.5	29.0	
45 - 49	70	73	83	98	73	12.5	13.3	15.5	18.6	14.0	
50 - 54	69	49	69	75	111	12.2	8.9	12.6	13.4	20.0	
55 - 59	43	64	66	70	105	7.4	11.0	11.4	12.1	18.7	
60 - 64	23	28	20	42	63	4.4	5.3	3.7	7.7	11.5	
> 64	9	8	14	27	47	0.7	0.6	1.0	1.9	3.2	
Race/ethnicity											
Black, non-Hispanic	759	711	723	832	947	44.6	41.7	42.0	50.2	56.9	
White, non-Hispanic	332	388	439	401	463	6.2	7.3	8.2	7.7	8.9	
Hispanic (all races)	140	137	167	144	186	17.1	16.4	19.5	16.3	20.4	
Other/multi-race	53	55	70	143	179	--	--	--	--	--	
Unknown	3	5	15	31	25	--	--	--	--	--	
Health Region											
Central	375	367	298	388	544	25.8	25.1	20.3	26.0	36.1	
Eastern	408	427	514	504	566	22.0	23.0	27.5	26.6	29.8	
Northern	360	335	349	379	370	14.3	13.3	13.7	14.9	14.5	
Northwest	92	102	142	150	153	6.8	7.5	10.4	10.8	10.9	
Southwest	52	65	111	130	167	3.9	4.9	8.3	9.8	12.6	
All syphilis diagnoses, by stage											
Primary	231	264	309	353	422	2.7	3.1	3.6	4.1	4.9	
Secondary	408	421	456	480	519	4.8	4.9	5.3	5.6	6.0	
Early, non-P/S	648	611	649	718	859	7.6	7.2	7.6	8.3	9.9	
Late or unk. duration	691	584	841	1057	1395	8.1	6.8	9.8	12.2	16.1	
Other clinical syphilis manifestations											
Neurosyphilis	39	32	39	49	66	--	--	--	--	--	
Ocular Syphilis	21	22	48	55	65	--	--	--	--	--	
Otosyphilis	3	5	7	8	15	--	--	--	--	--	

Figure 1ES. Rate of early syphilis diagnoses by race/ethnicity, 2019 - 2023

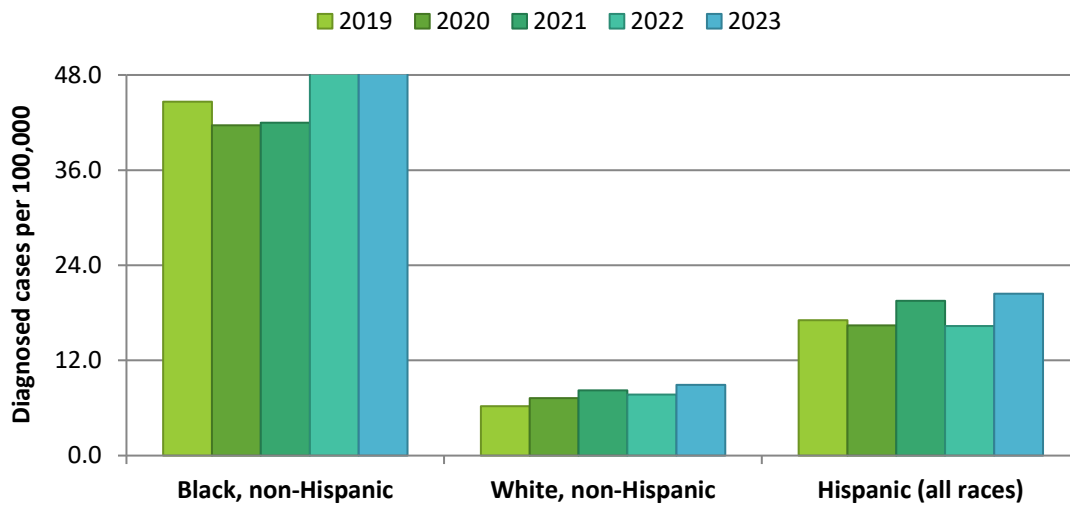


Figure 2ES. Rate of early syphilis diagnoses by gender, 2019 - 2023

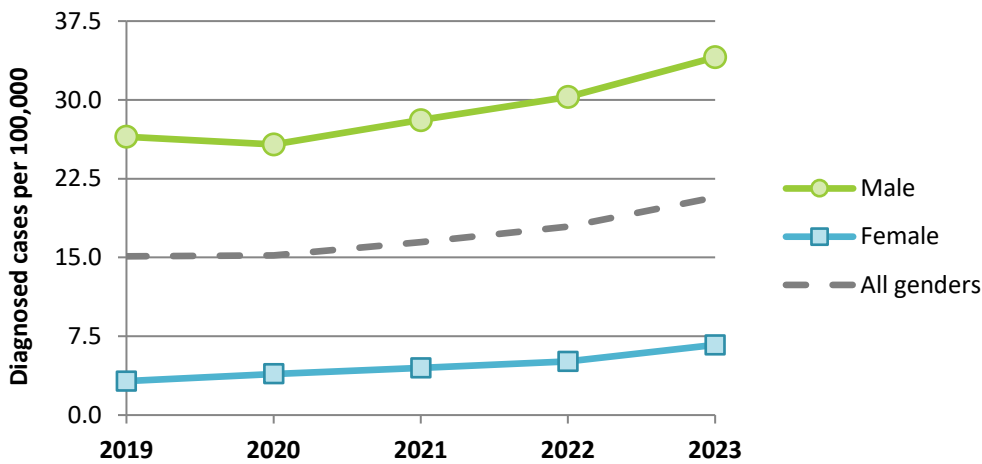
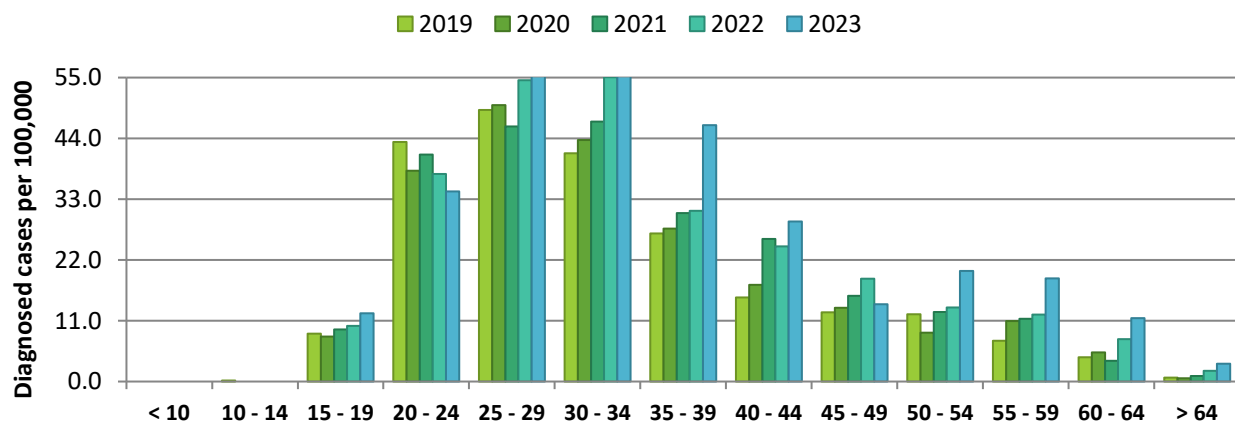


Figure 3ES. Rate of early syphilis diagnoses by age in years, 2019 - 2023






































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Table 2ES. Early Syphilis Diagnoses by Region, 2023

	Central	Eastern	Northern	Northwest	Southwest
	No.	No.	No.	No.	No.
Total	544	566	370	153	167
Gender					
Male	424	475	336	114	115
Female	106	76	26	37	48
Transgender	14	15	8	2	4
<i>% Female</i> <i>% Male</i>					
Age in years					
< 10	0	0	0	0	0
10 - 14	0	0	0	0	0
15 - 19	19	25	15	2	8
20 - 24	57	74	28	21	25
25 - 29	84	105	71	29	36
30 - 34	108	123	65	32	32
35 - 39	80	80	63	28	25
40 - 44	50	52	35	14	15
45 - 49	23	17	24	6	3
50 - 54	37	33	33	4	4
55 - 59	37	29	17	10	12
60 - 64	25	18	14	2	4
> 64	24	10	5	5	3
Race/ethnicity					
Black, non-Hispanic	381	386	88	34	58
White, non-Hispanic	98	102	96	81	86
Hispanic (all races)	30	19	117	14	6
Other/ Multi-race	31	52	63	20	13
Unknown	4	7	6	4	4





































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Table 3ES-a. Central Region ES 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	375	367	298	388	544	25.8	25.1	20.3	26.4	36.1	
Chesterfield Health District											
Chesterfield Co.	49	50	37	51	71	14.1	14.2	10.3	13.8	18.8	
Colonial Heights	2	1	3	4	8	11.2	5.8	17.4	21.9	43.7	
Powhatan Co.	2	1	2	0	0	6.9	3.4	6.6	0.0	0.0	
District Total	53	52	42	55	79	13.4	13.0	10.4	13.1	18.4	
Chickahominy Health District											
Charles City Co.	3	0	1	1	0	43.2	0.0	14.7	15.2	0.0	
Goochland Co.	0	3	2	3	2	0.0	12.6	8.2	11.8	7.7	
Hanover Co.	6	7	4	5	6	5.6	6.5	3.7	4.5	5.3	
New Kent Co.	4	0	1	3	1	17.9	0.0	4.2	12.6	4.0	
District Total	13	10	8	12	9	8.1	6.2	4.9	7.2	5.3	
Crater Health District											
Dinwiddie Co.	4	5	2	5	0	14.0	17.5	7.0	17.9	0.0	
Emporia	3	1	5	1	0	58.6	18.7	95.1	17.6	0.0	
Greensville Co.	1	1	0	0	0	8.6	8.8	0.0	0.0	0.0	
Hopewell	11	6	4	12	12	48.7	26.6	17.9	51.9	52.3	
Petersburg	18	31	17	33	38	57.0	98.9	55.8	98.7	113.8	
Prince George Co.	8	7	3	9	11	21.0	18.3	7.8	41.0	25.5	
Surry Co.	0	2	0	0	1	0.0	31.1	0.0	0.0	15.3	
Sussex Co.	0	2	0	1	1	0.0	17.9	0.0	9.3	9.4	
District Total	45	55	31	61	63	29.0	35.5	20.1	43.3	39.0	
Henrico Health District											
Henrico Co.	88	97	69	93	126	26.7	29.3	20.7	27.9	37.7	
District Total	88	97	69	93	126	26.7	29.3	20.7	27.9	37.7	
Piedmont Health District											
Amelia Co.	0	3	0	1	1	0.0	22.8	0.0	7.5	7.4	
Buckingham Co.	0	0	0	2	3	0.0	0.0	0.0	11.8	17.7	
Charlotte Co.	0	0	1	0	1	0.0	0.0	8.5	0.0	8.7	
Cumberland Co.	1	0	2	1	0	10.2	0.0	20.1	10.3	0.0	
Lunenburg Co.	0	2	1	0	2	0.0	16.4	8.2	0.0	16.6	
Nottoway Co.	6	1	2	2	7	38.9	6.6	13.2	12.8	45.0	
Prince Edward Co.	7	4	6	3	8	30.5	17.5	26.1	13.7	36.5	
District Total	14	10	12	9	22	13.7	9.8	11.7	8.9	21.7	
Richmond City Health District											
Richmond City	156	138	115	151	235	68.2	59.9	49.5	66.6	102.4	
District Total	156	138	115	151	235	68.2	59.9	49.5	66.6	102.4	
Southside Health District											
Brunswick Co.	2	1	2	1	2	12.2	6.2	12.5	6.3	12.6	
Halifax Co.	3	1	10	4	6	8.8	2.9	29.7	11.9	17.8	
Mecklenburg Co.	1	3	9	2	2	3.3	9.8	29.3	6.6	6.6	
District Total	6	5	21	7	10	7.4	6.2	26.1	8.8	12.5	
















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Table 3ES-b. Eastern Region ES 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	408	427	514	504	566	22.0	23.0	27.5	26.6	29.8	
Chesapeake Health District											
Chesapeake	33	41	44	50	57	13.6	16.7	17.8	19.9	22.6	
District Total	33	41	44	50	57	13.6	16.7	17.8	19.9	22.6	
Eastern Shore Health District											
Accomack Co.	0	2	2	0	1	0.0	6.2	6.2	0.0	3.0	
Northampton Co.	0	3	0	0	1	0.0	25.6	0.0	0.0	8.4	
District Total	0	5	2	0	2	0.0	11.4	4.6	0.0	4.4	
Hampton Health District											
Hampton	49	56	48	41	58	36.5	41.6	35.4	29.8	42.0	
District Total	49	56	48	41	58	36.5	41.6	35.4	29.8	42.0	
Norfolk Health District											
Norfolk	92	100	116	145	159	37.7	41.2	47.8	61.7	68.2	
District Total	92	100	116	145	159	37.7	41.2	47.8	61.7	68.2	
Peninsula Health District											
James City Co.	2	3	8	7	4	2.6	3.9	10.3	8.8	4.9	
Newport News	75	59	66	59	76	42.0	32.9	36.9	32.0	41.2	
Poquoson	0	1	1	0	0	0.0	8.1	8.2	0.0	0.0	
Williamsburg	2	2	3	2	5	13.4	13.4	19.7	12.8	31.4	
York Co.	6	4	8	3	9	8.8	5.9	11.6	4.2	12.6	
District Total	85	69	86	71	94	24.3	19.6	24.3	19.5	25.7	
Portsmouth Health District											
Portsmouth	48	51	85	71	72	50.7	54.0	89.4	72.6	74.2	
District Total	48	51	85	71	72	50.7	54.0	89.4	72.6	74.2	
Three Rivers Health District											
Essex Co.	0	1	0	0	0	0.0	9.1	0.0	0.0	0.0	
Gloucester Co.	4	1	1	4	3	10.7	2.7	2.7	10.2	7.6	
King and Queen Co.	0	0	0	1	0	0.0	0.0	0.0	15.0	0.0	
King William Co.	1	2	0	2	1	5.9	11.7	0.0	11.0	14.9	
Lancaster Co.	0	2	1	0	2	0.0	18.9	9.4	0.0	18.6	
Mathews Co.	2	0	0	1	0	22.7	0.0	0.0	11.7	0.0	
Middlesex Co.	0	1	2	1	1	0.0	9.5	18.9	9.3	9.1	
Northumberland Co.	1	0	1	0	1	8.2	0.0	8.3	0.0	8.1	
Richmond Co.	0	0	0	2	2	0.0	0.0	0.0	22.2	22.0	
Westmoreland Co.	1	2	3	2	2	5.6	11.1	16.5	10.7	10.7	
District Total	9	9	8	13	12	6.4	6.4	5.6	9.0	8.2	
Virginia Beach Health District											
Virginia Beach	73	70	106	87	66	16.2	15.6	23.5	19.0	14.5	
District Total	73	70	106	87	66	16.2	15.6	23.5	19.0	14.5	
Western Tidewater Health District											
Franklin City	0	2	0	0	3	0.0	25.1	0.0	0.0	36.4	
Isle of Wight Co.	2	4	2	4	8	5.4	10.8	5.3	10.2	19.9	
Southampton Co.	1	0	1	0	0	5.7	0.0	5.7	0.0	0.0	
Suffolk	16	20	16	22	35	17.5	21.7	17.0	22.9	35.5	
District Total	19	26	19	26	46	12.4	16.8	12.1	16.1	27.9	







































VIRGINIA STD SURVEILLANCE REPORT

Table 3ES-c. Northern Region ES 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	360	335	349	379	370	14.3	13.3	13.7	14.9	14.5	
Alexandria Health District											
Alexandria	66	55	65	60	50	41.1	34.5	41.0	38.8	32.1	
District Total	66	55	65	60	50	41.1	34.5	41.0	38.8	32.1	
Arlington Health District											
Arlington	77	67	72	63	69	32.4	28.3	30.0	27.0	29.5	
District Total	77	67	72	63	69	32.4	28.3	30.0	27.0	29.5	
Fairfax Health District											
Fairfax City	1	2	5	4	4	4.1	8.3	21.3	16.5	16.1	
Fairfax Co.	133	111	120	160	136	11.6	9.7	10.4	14.0	11.9	
Falls Church	2	2	1	5	2	13.5	13.7	6.8	34.5	13.7	
District Total	136	115	126	169	142	11.4	9.7	10.6	14.3	12.1	
Loudoun Health District											
Loudoun Co.	22	20	28	21	23	5.4	4.8	6.6	4.9	5.3	
District Total	22	20	28	21	23	5.4	4.8	6.6	4.9	5.3	
Prince William Health District											
Manassas	7	5	3	4	5	16.8	12.2	7.3	9.4	11.7	
Manassas Park	0	2	3	3	2	0.0	11.4	16.7	17.6	12.0	
Prince William Co.	52	71	52	59	79	11.1	15.1	10.9	12.2	16.2	
District Total	59	78	58	66	86	11.2	14.7	10.9	12.1	15.7	








































VIRGINIA STD SURVEILLANCE REPORT

Table 3ES-d. Northwest Region ES 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	92	102	142	150	153	6.8	7.5	10.4	10.8	10.9	
Blue Ridge Health District											
Albemarle Co.	4	12	10	26	10	3.7	11.0	9.0	22.9	8.7	
Charlottesville	4	12	18	4	8	8.3	25.4	38.3	8.8	17.6	
Fluvanna Co.	0	1	3	5	2	0.0	3.7	10.9	18.0	7.1	
Greene Co.	1	2	0	2	2	5.1	10.1	0.0	9.5	9.5	
Louisa Co.	3	2	2	1	5	8.2	5.3	5.2	2.6	12.5	
Nelson Co.	2	1	1	1	2	13.5	6.7	6.8	6.8	13.7	
District Total	14	30	34	39	29	5.5	11.7	13.2	14.9	11.0	
Central Shenandoah District											
Augusta Co.	2	3	5	11	12	2.7	4.0	6.5	14.2	15.4	
Bath Co.	0	0	0	1	0	0.0	0.0	0.0	24.3	0.0	
Buena Vista	0	0	0	1	2	0.0	0.0	0.0	15.1	30.3	
Harrisonburg	4	5	12	5	8	7.4	9.4	22.6	9.7	15.6	
Highland Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Lexington	1	0	0	0	0	14.0	0.0	0.0	0.0	0.0	
Rockbridge Co.	1	0	1	3	7	4.4	0.0	4.4	13.3	31.0	
Rockingham Co.	0	1	6	4	8	0.0	1.2	7.3	4.7	9.4	
Staunton	2	5	4	6	1	8.0	20.1	15.9	23.4	3.9	
Waynesboro	5	5	4	8	5	22.1	22.1	17.6	35.5	21.9	
District Total	15	19	32	39	43	5.0	6.3	10.6	12.8	14.0	
Lord Fairfax Health District											
Clarke Co.	2	0	2	0	0	13.8	0.0	13.7	0.0	0.0	
Frederick Co.	1	5	3	2	4	1.1	5.6	3.3	2.1	4.2	
Page Co.	1	0	1	3	3	4.2	0.0	4.2	12.6	12.6	
Shenandoah Co.	5	2	3	4	3	11.5	4.6	6.8	8.9	6.7	
Warren Co.	1	6	4	1	2	2.5	14.9	9.9	2.4	4.8	
Winchester	1	1	3	4	7	3.6	3.6	10.8	14.2	25.1	
District Total	11	14	16	14	19	4.6	5.8	6.6	5.7	7.6	
Rappahannock Health District											
Caroline Co.	4	6	3	2	8	13.0	19.5	9.7	6.4	25.0	
Fredericksburg	4	2	8	6	6	13.7	6.9	27.1	21.2	20.9	
King George Co.	0	0	0	3	4	0.0	0.0	0.0	10.9	14.4	
Spotsylvania Co.	12	5	16	18	16	8.9	3.7	11.6	12.5	10.9	
Stafford Co.	21	19	17	19	13	14.0	12.4	10.8	11.8	8.0	
District Total	41	32	44	48	47	11.1	8.5	11.5	12.3	11.8	
Rappahannock/Rapidan Health District											
Culpeper Co.	3	0	8	7	4	5.8	0.0	14.9	13.1	7.4	
Fauquier Co.	5	1	7	0	3	7.1	1.4	9.8	0.0	4.0	
Madison Co.	0	0	0	1	1	0.0	0.0	0.0	7.2	7.1	
Orange Co.	3	6	1	1	6	8.2	16.2	2.7	2.7	15.8	
Rappahannock Co.	0	0	0	1	1	0.0	0.0	0.0	13.5	13.3	
District Total	11	7	16	10	15	6.1	3.9	8.7	5.4	8.0	

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Table 3ES-e. Southwest Region ES 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	52	65	111	130	167	3.9	4.9	8.3	9.8	12.6	
Alleghany Health District											
Alleghany Co.	0	0	2	2	0	0.0	0.0	13.6	13.3	0.0	
Botetourt Co.	0	0	2	0	1	0.0	0.0	5.9	0.0	2.9	
Covington	0	0	3	0	4	0.0	0.0	53.2	0.0	70.4	
Craig Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Roanoke Co.	2	2	8	13	6	2.1	2.1	8.5	13.5	6.2	
Salem	2	2	1	2	2	7.8	7.9	3.9	7.9	7.8	
District Total	4	4	16	17	13	2.2	2.2	8.9	9.4	7.1	
Central Virginia Health District											
Amherst Co.	1	1	2	3	5	3.2	3.2	6.3	9.6	15.8	
Appomattox Co.	0	0	0	4	2	0.0	0.0	0.0	24.5	11.9	
Bedford Co.	2	2	1	3	8	2.5	2.5	1.3	3.7	9.9	
Campbell Co.	2	1	2	4	9	3.6	1.8	3.6	7.2	16.3	
Lynchburg	5	5	7	17	34	6.1	6.1	8.6	21.5	42.9	
District Total	10	9	12	31	58	3.8	3.4	4.5	11.8	22.0	
Cumberland Plateau Health District											
Buchanan Co.	0	1	2	0	0	0.0	4.8	9.7	0.0	0.0	
Dickenson Co.	0	0	0	3	0	0.0	0.0	0.0	21.8	0.0	
Russell Co.	1	0	3	1	1	3.7	0.0	11.3	3.9	3.9	
Tazewell Co.	0	0	5	1	0	0.0	0.0	12.3	2.5	0.0	
District Total	1	1	10	5	1	1.0	1.0	9.8	5.0	1.0	
Lenowisco Health District											
Lee Co.	0	1	1	0	3	0.0	4.3	4.3	0.0	13.6	
Norton	0	0	0	0	1	0.0	0.0	0.0	0.0	27.7	
Scott Co.	1	1	0	2	2	4.6	4.6	0.0	9.3	9.3	
Wise Co.	0	1	1	2	4	0.0	2.7	2.7	5.6	11.3	
District Total	1	3	2	4	10	1.1	3.5	2.3	4.8	12.1	
Mount Rogers Health District											
Bland Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Bristol	3	1	5	2	4	18.2	6.0	28.9	11.7	23.6	
Carroll Co.	1	2	5	0	2	3.4	6.7	16.6	0.0	6.9	
Galax	0	2	1	0	3	0.0	31.5	15.9	0.0	44.6	
Grayson Co.	1	1	2	2	0	6.4	6.4	12.9	13.0	0.0	
Smyth Co.	2	1	0	0	1	6.6	3.3	0.0	0.0	3.4	
Washington Co.	2	5	1	2	6	3.7	9.3	1.9	3.7	11.1	
Wythe Co.	4	1	1	0	0	13.9	3.5	3.5	0.0	0.0	
District Total	13	13	15	6	16	6.9	6.9	8.0	3.2	8.6	
New River Health District											
Floyd Co.	0	0	0	2	0	0.0	0.0	0.0	12.8	0.0	
Giles Co.	0	1	1	1	3	0.0	6.0	6.0	6.0	18.2	
Montgomery Co.	0	2	11	3	8	0.0	2.0	11.2	3.0	8.1	
Pulaski Co.	2	1	0	1	0	5.9	2.9	0.0	3.0	0.0	
Radford	0	2	0	2	2	0.0	11.0	0.0	12.1	11.9	
District Total	2	6	12	9	13	1.1	3.3	6.6	5.0	7.2	

VIRGINIA STD SURVEILLANCE REPORT

Table 3ES-e, cont. Southwest Region ES 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	
Pittsylvania/Danville Health District											
Danville	6	13	7	17	10	14.7	32.5	17.6	42.6	23.7	
Pittsylvania Co.	4	6	3	5	1	6.6	9.9	5.0	8.3	1.7	
District Total	10	19	10	22	11	9.8	18.9	10.0	22.0	10.8	
Roanoke Health District											
Roanoke City	5	6	26	27	34	5.0	6.1	26.2	27.3	34.7	
District Total	5	6	26	27	34	5.0	6.1	26.2	27.3	34.7	
West Piedmont Health District											
Franklin Co.	0	3	0	2	6	0.0	5.4	0.0	3.6	10.9	
Henry Co.	3	0	6	2	4	5.9	0.0	11.9	4.0	8.0	
Martinsville	3	1	1	4	1	23.3	8.0	8.1	29.6	7.3	
Patrick Co.	0	0	1	1	0	0.0	0.0	5.7	5.7	0.0	
District Total	6	4	8	9	11	4.4	2.9	5.9	6.6	8.1	

VIRGINIA STD SURVEILLANCE REPORT

Table 4ES-a. Early syphilis 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	66	55	65	60	50	41.1	34.5	41.0	38.8	32.1	-17.2%	
Alleghany	4	4	16	17	13	2.2	2.2	8.9	9.4	7.1	25.4%	
Arlington	77	67	72	63	69	32.4	28.3	30.0	27.0	29.5	0.2%	
Blue Ridge	14	30	34	39	29	5.5	11.7	13.2	14.9	11.0	-3.0%	
Central Shenandoah	15	19	32	39	43	5.0	6.3	10.6	12.8	14.0	62.0%	
Central Virginia	10	9	12	31	58	3.8	3.4	4.5	11.8	22.0	273.4%	
Chesapeake	33	41	44	50	57	13.6	16.7	17.8	19.9	22.6	32.7%	
Chesterfield	53	52	42	55	79	13.4	13.0	10.4	13.1	18.4	48.0%	
Chickahominy	13	10	8	12	9	8.1	6.2	4.9	7.2	5.3	-20.0%	
Crater	45	55	31	61	63	29.0	35.5	20.1	43.3	39.0	21.9%	
Cumberland Plateau	1	1	10	5	1	1.0	1.0	9.8	5.0	1.0	-75.8%	
Eastern Shore	0	5	2	0	2	0.0	11.4	4.6	0.0	4.4	11.5%	
Fairfax	136	115	126	169	142	11.4	9.7	10.6	14.3	12.1	4.7%	
Hampton	49	56	48	41	58	36.5	41.6	35.4	29.8	42.0	17.3%	
Henrico Co.	88	97	69	93	126	26.7	29.3	20.7	27.9	37.7	44.3%	
Lenowisco	1	3	2	4	10	1.1	3.5	2.3	4.8	12.1	311.6%	
Lord Fairfax	11	14	16	14	19	4.6	5.8	6.6	5.7	7.6	34.4%	
Loudoun Co.	22	20	28	21	23	5.4	4.8	6.6	4.9	5.3	-2.2%	
Mount Rogers	13	13	15	6	16	6.9	6.9	8.0	3.2	8.6	37.3%	
New River	2	6	12	9	13	1.1	3.3	6.6	5.0	7.2	80.3%	
Norfolk	92	100	116	145	159	37.7	41.2	47.8	61.7	68.2	44.9%	
Peninsula	85	69	86	71	94	24.3	19.6	24.3	19.5	25.7	17.2%	
Piedmont	14	10	12	9	22	13.7	9.8	11.7	8.9	21.7	97.1%	
Pittsylvania/Danville	10	19	10	22	11	9.8	18.9	10.0	22.0	10.8	-29.2%	
Portsmouth	48	51	85	71	72	50.7	54.0	89.4	72.6	74.2	11.3%	
Prince William	59	78	58	66	86	11.2	14.7	10.9	12.1	15.7	28.7%	
Rappahannock	41	32	44	48	47	11.1	8.5	11.5	12.3	11.8	8.9%	
Rapp./Rapidan	11	7	16	10	15	6.1	3.9	8.7	5.4	8.0	32.1%	
Richmond City	156	138	115	151	235	68.2	59.9	49.5	66.6	102.4	67.8%	
Roanoke City	5	6	26	27	34	5.0	6.1	26.2	27.3	34.7	115.1%	
Southside	6	5	21	7	10	7.4	6.2	26.1	8.8	12.5	3.0%	
Three Rivers	9	9	8	13	12	6.4	6.4	5.6	9.0	8.2	20.6%	
Virginia Beach	73	70	106	87	66	16.2	15.6	23.5	19.0	14.5	-22.0%	
West Piedmont	6	4	8	9	11	4.4	2.9	5.9	6.6	8.1	63.4%	
Western Tidewater	19	26	19	26	46	12.4	16.8	12.1	16.1	27.9	94.7%	
Virginia Total	1,287	1,296	1,414	1,551	1,800	15.1	15.2	16.5	17.9	20.7	28.2%	

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

VIRGINIA STD SURVEILLANCE REPORT

Table 4ES-b. Early syphilis 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		
Richmond City	156	138	115	151	235	68.2	59.9	49.5	66.6	102.4	67.8%	
Portsmouth	48	51	85	71	72	50.7	54.0	89.4	72.6	74.2	11.3%	
Norfolk	92	100	116	145	159	37.7	41.2	47.8	61.7	68.2	44.9%	
Hampton	49	56	48	41	58	36.5	41.6	35.4	29.8	42.0	17.3%	
Crater	45	55	31	61	63	29.0	35.5	20.1	43.3	39.0	21.9%	
Henrico Co.	88	97	69	93	126	26.7	29.3	20.7	27.9	37.7	44.3%	
Roanoke City	5	6	26	27	34	5.0	6.1	26.2	27.3	34.7	115.1%	
Alexandria	66	55	65	60	50	41.1	34.5	41.0	38.8	32.1	-17.2%	
Arlington	77	67	72	63	69	32.4	28.3	30.0	27.0	29.5	0.2%	
Western Tidewater	19	26	19	26	46	12.4	16.8	12.1	16.1	27.9	94.7%	
Peninsula	85	69	86	71	94	24.3	19.6	24.3	19.5	25.7	17.2%	
Chesapeake	33	41	44	50	57	13.6	16.7	17.8	19.9	22.6	32.7%	
Central Virginia	10	9	12	31	58	3.8	3.4	4.5	11.8	22.0	273.4%	
Piedmont	14	10	12	9	22	13.7	9.8	11.7	8.9	21.7	97.1%	
Virginia Total	1,287	1,296	1,414	1,551	1,800	15.1	15.2	16.5	17.9	20.7	28.2%	
Chesterfield	53	52	42	55	79	13.4	13.0	10.4	13.1	18.4	48.0%	
Prince William	59	78	58	66	86	11.2	14.7	10.9	12.1	15.7	28.7%	
Virginia Beach	73	70	106	87	66	16.2	15.6	23.5	19.0	14.5	-22.0%	
Central Shenandoah	15	19	32	39	43	5.0	6.3	10.6	12.8	14.0	62.0%	
Southside	6	5	21	7	10	7.4	6.2	26.1	8.8	12.5	3.0%	
Lenowisco	1	3	2	4	10	1.1	3.5	2.3	4.8	12.1	311.6%	
Fairfax	136	115	126	169	142	11.4	9.7	10.6	14.3	12.1	4.7%	
Rappahannock	41	32	44	48	47	11.1	8.5	11.5	12.3	11.8	8.9%	
Blue Ridge	14	30	34	39	29	5.5	11.7	13.2	14.9	11.0	-3.0%	
Pittsylvania/Danville	10	19	10	22	11	9.8	18.9	10.0	22.0	10.8	-29.2%	
Mount Rogers	13	13	15	6	16	6.9	6.9	8.0	3.2	8.6	37.3%	
Three Rivers	9	9	8	13	12	6.4	6.4	5.6	9.0	8.2	20.6%	
West Piedmont	6	4	8	9	11	4.4	2.9	5.9	6.6	8.1	63.4%	
Rapp./Rapidan	11	7	16	10	15	6.1	3.9	8.7	5.4	8.0	32.1%	
Lord Fairfax	11	14	16	14	19	4.6	5.8	6.6	5.7	7.6	34.4%	
New River	2	6	12	9	13	1.1	3.3	6.6	5.0	7.2	80.3%	
Alleghany	4	4	16	17	13	2.2	2.2	8.9	9.4	7.1	25.4%	
Loudoun Co.	22	20	28	21	23	5.4	4.8	6.6	4.9	5.3	-2.2%	
Chickahominy	13	10	8	12	9	8.1	6.2	4.9	7.2	5.3	-20.0%	
Eastern Shore	0	5	2	0	2	0.0	11.4	4.6	0.0	4.4	11.5%	
Cumberland Plateau	1	1	10	5	1	1.0	1.0	9.8	5.0	1.0	-75.8%	

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

VIRGINIA STD SURVEILLANCE REPORT

Table 5ES. New Early Syphilis Diagnoses, by Population/Risk Behavior

	2023			
	No.	Pct. of total	No. with HIV coinfection	Pct. with HIV coinfection
Total	1,800	100%	477	26.5%
Gender of case and gender of reported lifetime sex partners				
Men who have sex with men only	718	39.9%	279	38.9%
Men who have sex with men and women	120	6.7%	39	32.5%
Men who have sex with women only	345	19.2%	26	7.5%
Men, gender of partners unknown	281	15.6%	110	39.1%
Women, all	293	16.3%	8	2.7%
Transgender/ other, all	43	2.4%	15	34.9%
Lifetime reported risk				
Incarcerated	221	12.3%	44	19.9%
Transactional sex	0	0.0%	0	0.0%
Injection drug use	47	2.6%	16	34.0%
Heroin/opioid use	54	3.0%	12	22.2%
Cocaine use	92	5.1%	25	27.2%
Meth use	84	4.7%	28	33.3%

Figure 4ES. Early syphilis, by gender of patient and sex partners and HIV infection status (2023)

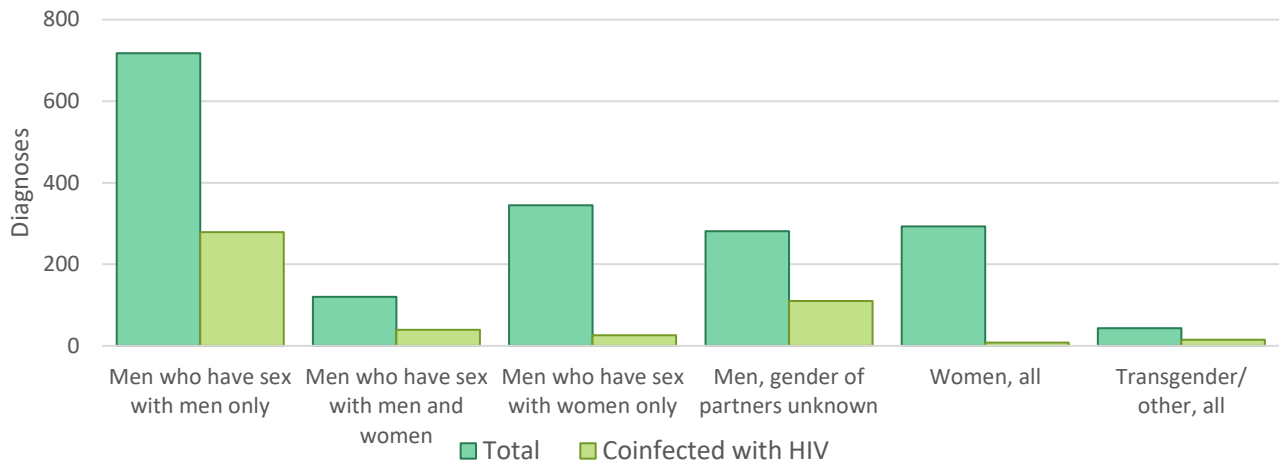
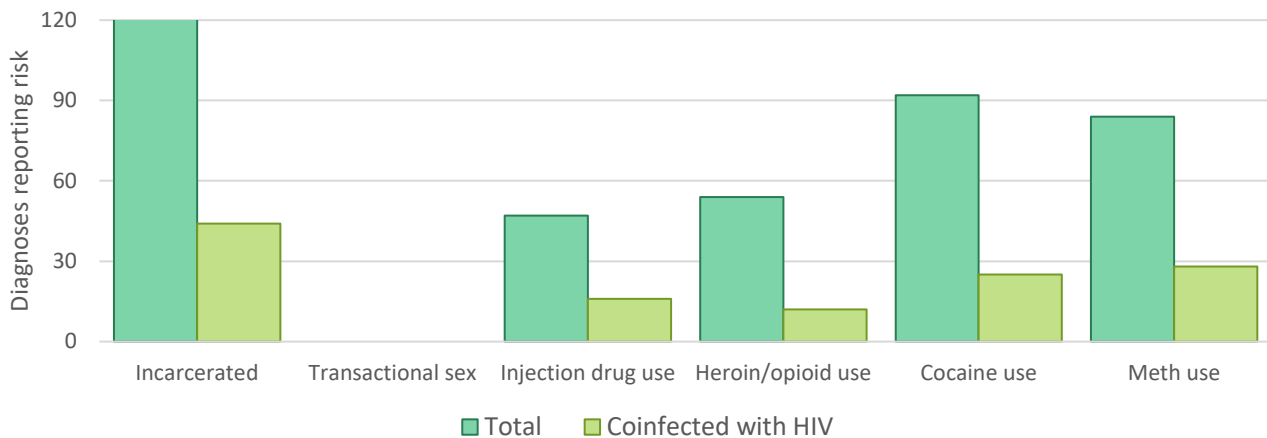


Figure 5ES. Early syphilis diagnoses with reported lifetime risk and HIV infection status (2023)

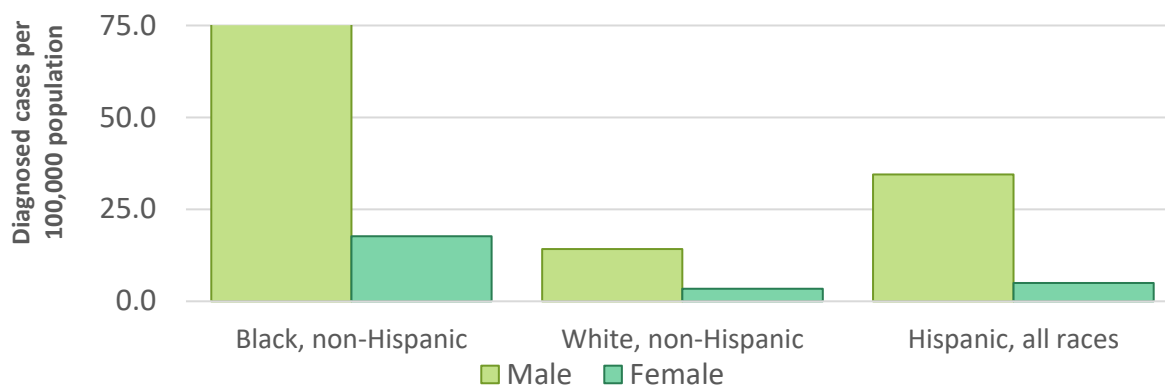


VIRGINIA STD SURVEILLANCE REPORT

Table 6ES. Early Syphilis Diagnoses by Additional Demographics, 2023

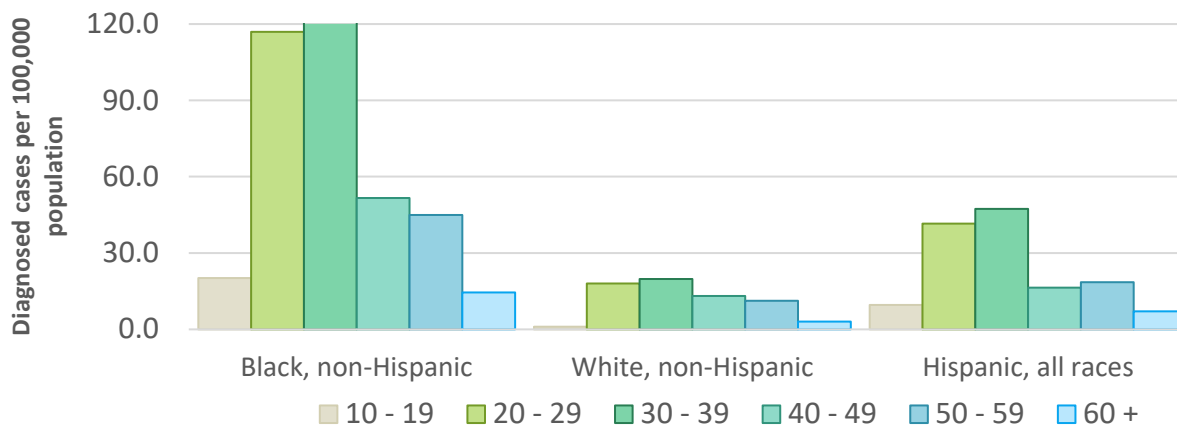
	Black, non-Hispanic		White, non-Hispanic		Hispanic, all races		Multi-race or other	Unknown
	No.	Rate	No.	Rate	No.	Rate	No.	No.
Total	947	56.9	463	8.9	186	20.4	179	25
Gender								
Male	764	95.1	368	14.2	162	34.5	148	22
Female	152	17.7	88	3.4	22	5.0	29	2
Transgender/ Other	31	--	7	--	2	--	2	1

Figure 6ES. Early syphilis 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	947	50.1	463	7.6	186	16.4	179	25
Age at diagnosis								
< 10	0	0.0	0	0.0	0	0.0	0	0
10 - 19	44	20.2	6	1.0	15	9.6	3	1
20 - 29	284	117.0	117	18.1	61	41.6	59	9
30 - 39	367	151.4	134	19.7	65	47.4	63	7
40 - 49	106	51.6	82	13.1	22	16.4	26	3
50 - 59	96	44.9	80	11.3	17	18.6	20	3
60 +	50	14.6	44	3.0	6	7.1	8	2

Figure 7ES. Early syphilis diagnoses by race/ethnicity and age, 2023

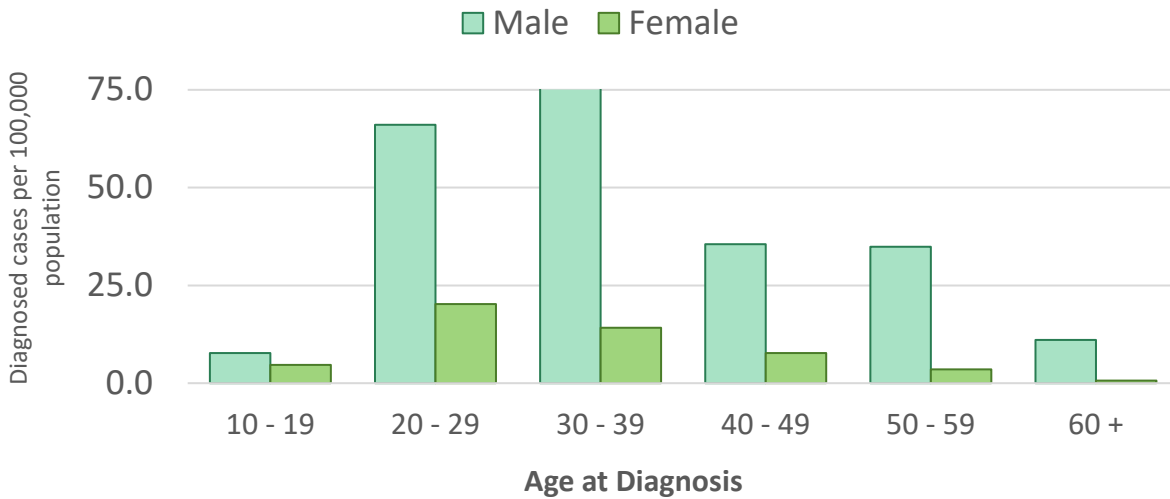


VIRGINIA STD SURVEILLANCE REPORT

Table 6ES. Early Syphilis Diagnoses by Additional Demographics, 2023

	Male		Female		Transgender/ Other	
	No.	Rate	No.	Rate	No.	Rate
Total	1464	34.1	293	6.7	43	--
Age at diagnosis						
< 10	0	0.0	0	0.0	0	--
10 - 19	43	7.7	25	4.7	1	--
20 - 29	398	66.1	115	20.2	17	--
30 - 39	533	88.5	84	14.2	19	--
40 - 49	195	35.5	42	7.7	2	--
50 - 59	193	34.9	20	3.5	3	--
60 +	102	11.1	7	0.6	1	--

Figure 8ES. Early syphilis diagnoses by gender and age at diagnosis, 2023



Early syphilis rates by locality in Virginia, 2023

Rate per 100,000

