

VIRGINIA STD SURVEILLANCE REPORT

Table 1ES. New Early Syphilis Diagnoses

	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Total	568	892	1,059	1,144	1,325	6.8	10.6	12.6	13.5	15.6	
Gender											
Male	519	796	905	983	1,169	12.7	19.3	21.9	23.6	28.1	
Female	47	86	134	151	142	1.1	2.0	3.1	3.5	3.3	
Transgender	2	9	19	10	14	--	--	--	--	--	
Other/unknown	0	1	1	0	0	--	--	--	--	--	
Age at diagnosis											
< 10	0	1	0	0	0	0.0	0.1	0.0	0.0	0.0	
10 - 14	0	0	2	0	1	0.0	0.0	0.4	0.0	0.2	
15 - 19	21	39	45	68	44	3.9	7.2	8.3	12.6	8.1	
20 - 24	118	176	220	212	255	19.5	29.3	37.3	36.4	43.8	
25 - 29	125	214	271	269	314	21.1	35.7	45.9	44.8	52.3	
30 - 34	81	145	173	180	238	13.9	24.8	29.7	30.8	40.7	
35 - 39	46	85	110	132	138	8.6	15.5	19.7	23.2	24.2	
40 - 44	50	66	54	97	75	9.0	12.2	10.2	18.5	14.3	
45 - 49	47	63	68	78	77	8.3	11.2	12.0	13.8	13.6	
50 - 54	38	47	55	57	87	6.2	7.8	9.2	9.8	14.9	
55 - 59	24	31	39	30	58	4.3	5.4	6.7	5.2	10.0	
60 - 64	9	14	8	9	23	1.9	2.9	1.6	1.8	4.5	
> 64	9	11	14	12	15	0.8	0.9	1.1	0.9	1.2	
Other/unknown	0	0	0	0	0	--	--	--	--	--	
Race/ethnicity											
Black, non-Hispanic	296	503	618	656	724	18.0	30.3	36.9	38.8	42.8	
White, non-Hispanic	215	267	236	311	401	4.0	5.0	4.4	5.8	7.5	
Hispanic (all races)	34	72	98	113	136	4.6	9.5	12.8	14.2	17.1	
Other/multi-race	22	27	32	47	58	--	--	--	--	--	
Unknown	1	23	75	17	6	--	--	--	--	--	
Health Region											
Central	145	211	273	280	380	10.3	14.8	19.1	19.4	26.4	
Eastern	183	370	435	434	430	9.9	19.9	23.4	23.4	23.2	
Northern	125	184	248	271	344	5.2	7.5	10.1	10.8	13.8	
Northwest	39	60	45	63	70	3.0	4.6	3.4	4.7	5.3	
Southwest	76	67	58	96	101	5.6	4.9	4.3	7.1	7.5	
All syphilis diagnoses, by stage											
Congenital*	2	3	8	12	11	--	--	--	--	--	
Primary	72	105	122	156	222	0.9	1.3	1.5	1.8	2.6	
Secondary	215	288	337	358	470	2.6	3.4	4.0	4.2	5.5	
Early, non-P/S	281	499	600	630	633	3.4	6.0	7.1	7.4	7.5	
Late or unk. duration	317	270	326	546	635	3.8	3.2	3.9	6.4	7.5	

*The date of diagnosis for congenital syphilis now reflects the infant's date of birth.

Figure 1ES. Rate of early syphilis diagnoses by race/ethnicity, 2014 - 2018

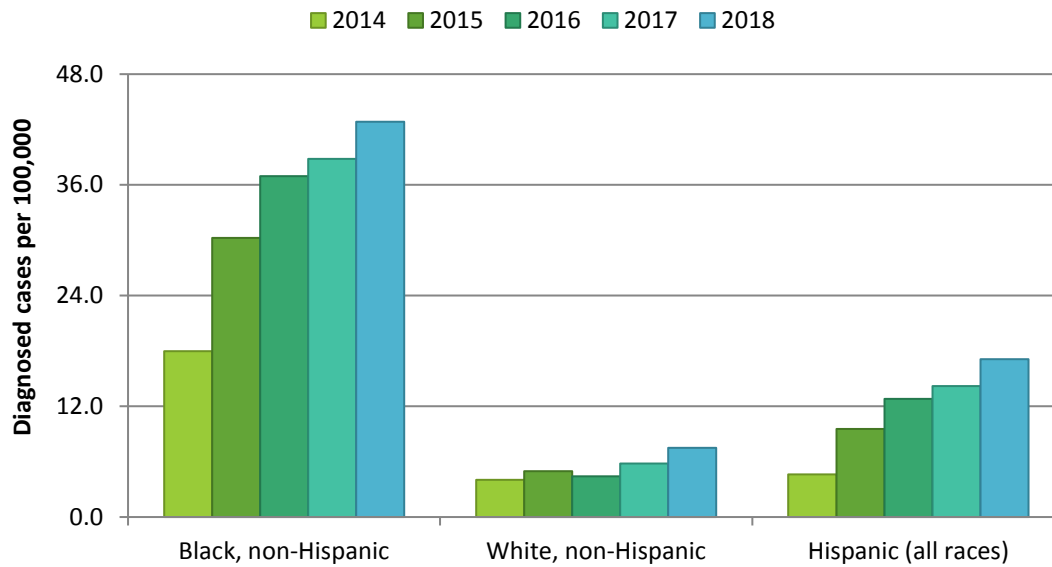


Figure 2ES. Rate of early syphilis diagnoses by gender, 2014 - 2018

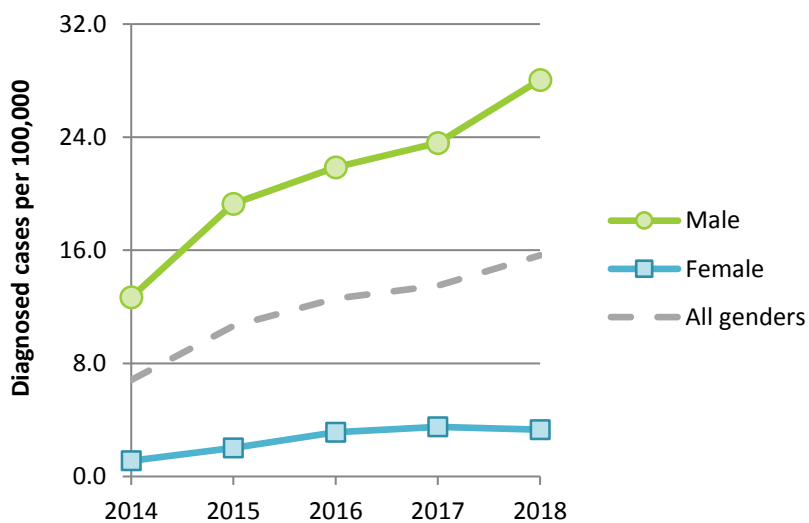
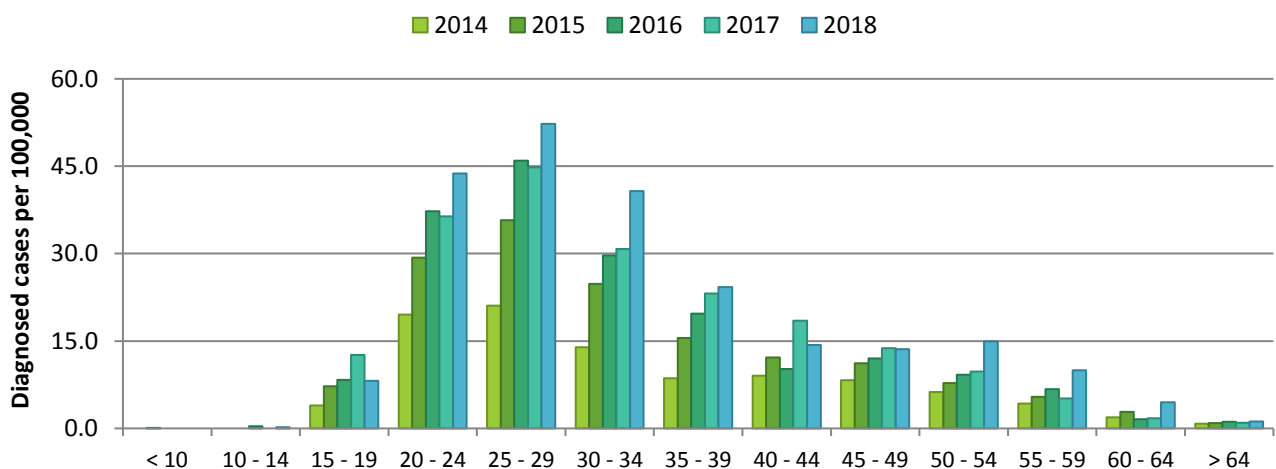


Figure 3ES. Rate of early syphilis diagnoses by age in years, 2014 - 2018



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Table 2ES. Early Syphilis Diagnoses by Region, 2018

	Central	Eastern	Northern	Northwest	Southwest
	No.	No.	No.	No.	No.
Total	380	430	344	70	101
Gender					
Male	323	385	324	62	75
Female	47	43	18	8	26
Transgender	10	2	2	0	0
<i>% Female</i> <i>% Male</i>					
Age in years					
< 10	0	0	0	0	0
10 - 14	0	0	0	1	0
15 - 19	15	16	6	1	6
20 - 24	75	89	49	15	27
25 - 29	95	118	65	16	20
30 - 34	77	74	60	11	16
35 - 39	36	50	38	2	12
40 - 44	19	20	27	5	4
45 - 49	23	15	30	5	4
50 - 54	20	22	35	5	5
55 - 59	12	18	21	4	3
60 - 64	3	6	8	3	3
> 64	5	2	5	2	1
Race/ethnicity					
Black, non-Hispanic	293	269	95	16	51
White, non-Hispanic	63	120	131	45	42
Hispanic (all races)	19	26	85	3	3
Other/ Multi-race	5	13	30	5	5
Unknown	0	2	3	1	0

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Table 3ES-a. Central Region ES 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	145	211	273	280	380	10.3	14.8	19.1	19.4	26.4	
Chesterfield Health District											
Chesterfield Co.	16	15	44	38	47	4.8	4.5	13.0	11.1	13.7	
Colonial Heights	2	1	2	5	3	11.3	5.6	11.3	28.0	16.8	
Powhatan Co.	0	0	2	1	1	0.0	0.0	7.0	3.5	3.5	
District Total	18	16	48	44	51	4.8	4.2	12.5	11.3	13.1	
Chickahominy Health District											
Charles City Co.	0	1	3	1	1	0.0	14.2	42.4	14.3	14.3	
Goochland Co.	2	4	3	2	1	9.1	18.0	13.2	8.8	4.4	
Hanover Co.	4	1	4	6	8	3.9	1.0	3.8	5.7	7.6	
New Kent Co.	2	0	1	0	4	10.0	0.0	4.7	0.0	18.4	
District Total	8	6	11	9	14	5.3	3.9	7.1	5.7	8.9	
Crater Health District											
Dinwiddie Co.	3	3	7	6	8	10.8	10.8	24.9	21.3	28.4	
Emporia	0	3	1	3	0	0.0	54.6	18.9	56.8	0.0	
Greensville Co.	0	2	3	3	1	0.0	16.8	25.6	25.7	8.6	
Hopewell	3	9	8	2	10	13.5	40.2	35.2	8.8	44.2	
Petersburg	9	16	24	31	43	27.5	49.3	75.3	97.6	135.4	
Prince George Co.	3	8	10	16	11	8.0	21.1	26.4	42.3	29.1	
Surry Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Sussex Co.	1	5	1	4	1	8.5	42.7	8.7	35.2	8.8	
District Total	19	46	54	65	74	12.2	29.4	34.7	41.9	47.7	
Henrico Health District											
Henrico Co.	28	35	41	50	73	8.7	10.8	12.6	15.2	22.3	
District Total	28	35	41	50	73	8.7	10.8	12.6	15.2	22.3	
Piedmont Health District											
Amelia Co.	1	0	0	3	1	7.8	0.0	0.0	23.0	7.7	
Buckingham Co.	0	0	1	1	1	0.0	0.0	5.9	5.9	5.9	
Charlotte Co.	1	0	1	0	1	8.2	0.0	8.2	0.0	8.3	
Cumberland Co.	0	1	1	1	0	0.0	10.3	10.4	10.2	0.0	
Lunenburg Co.	0	0	1	0	0	0.0	0.0	8.1	0.0	0.0	
Nottoway Co.	4	2	6	4	3	25.7	12.8	38.5	25.9	19.4	
Prince Edward Co.	0	1	2	1	5	0.0	4.4	8.6	4.4	22.0	
District Total	6	4	12	10	11	5.8	3.9	11.7	9.8	10.7	
Richmond City Health District											
Richmond City	63	97	104	99	156	28.9	44.0	46.6	43.6	68.7	
District Total	63	97	104	99	156	28.9	44.0	46.6	43.6	68.7	
Southside Health District											
Brunswick Co.	1	2	2	1	1	6.1	12.0	12.3	6.2	6.2	
Halifax Co.	0	3	0	2	0	0.0	8.5	0.0	5.8	0.0	
Mecklenburg Co.	2	2	1	0	0	6.4	6.4	3.2	0.0	0.0	
District Total	3	7	3	3	1	3.6	8.4	3.7	3.7	1.2	

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Table 3ES-b. Eastern Region ES 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	183	370	435	434	430	9.9	19.9	23.4	23.4	23.2	
Chesapeake Health District											
Chesapeake	21	34	37	32	34	9.0	14.4	15.6	13.3	14.1	
District Total	21	34	37	32	34	9.0	14.4	15.6	13.3	14.1	
Eastern Shore Health District											
Accomack Co.	1	1	0	2	2	3.0	3.0	0.0	6.1	6.1	
Northampton Co.	0	0	1	0	0	0.0	0.0	8.2	0.0	0.0	
District Total	1	1	1	2	2	2.2	2.2	2.2	4.5	4.5	
Hampton Health District											
Hampton	18	37	49	53	38	13.2	27.1	36.2	39.4	28.2	
District Total	18	37	49	53	38	13.2	27.1	36.2	39.4	28.2	
Norfolk Health District											
Norfolk	31	75	106	100	116	12.6	30.4	43.2	40.9	47.4	
District Total	31	75	106	100	116	12.6	30.4	43.2	40.9	47.4	
Peninsula Health District											
James City Co.	1	3	2	7	5	1.4	4.1	2.7	9.3	6.6	
York Co.	1	5	6	6	6	1.5	7.4	8.8	8.9	8.9	
Newport News	25	60	64	64	57	13.7	32.9	35.2	35.7	31.8	
Poquoson	0	0	1	0	0	0.0	0.0	8.3	0.0	0.0	
Williamsburg	0	1	3	2	5	0.0	6.6	19.7	13.3	33.3	
District Total	27	69	76	79	73	7.7	19.7	21.6	22.6	20.9	
Portsmouth Health District											
Portsmouth	24	33	33	37	38	25.0	34.3	34.6	39.1	40.2	
District Total	24	33	33	37	38	25.0	34.3	34.6	39.1	40.2	
Three Rivers Health District											
Essex Co.	2	0	0	1	2	18.0	0.0	0.0	9.1	18.1	
Gloucester Co.	3	0	1	1	1	8.1	0.0	2.7	2.7	2.7	
King and Queen Co.	0	0	0	0	1	0.0	0.0	0.0	0.0	14.3	
King William Co.	1	0	2	0	1	6.2	0.0	12.2	0.0	6.0	
Lancaster Co.	1	2	2	1	0	9.1	18.2	18.2	9.3	0.0	
Mathews Co.	0	1	0	0	0	0.0	11.3	0.0	0.0	0.0	
Middlesex Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Northumberland Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Richmond Co.	0	1	0	1	2	0.0	11.2	0.0	11.2	22.4	
Westmoreland Co.	0	1	1	0	1	0.0	5.7	5.7	0.0	5.6	
District Total	7	5	6	4	8	5.0	3.5	4.3	2.8	5.7	
Virginia Beach Health District											
Virginia Beach	41	88	97	103	97	9.1	19.4	21.4	22.9	21.5	
District Total	41	88	97	103	97	9.1	19.4	21.4	22.9	21.5	
Western Tidewater Health District											
Franklin City	1	0	3	3	3	11.7	0.0	36.1	36.7	36.7	
Isle of Wight Co.	6	6	10	2	1	16.7	16.5	27.3	5.5	2.7	
Southampton Co.	0	4	1	0	1	0.0	22.1	5.5	0.0	5.6	
Suffolk	6	18	16	19	19	6.9	20.4	17.9	21.1	21.1	
District Total	13	28	30	24	24	8.7	18.5	19.7	15.7	15.7	

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Table 3ES-c. Northern Region ES 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	125	184	248	271	344	5.2	7.5	10.1	10.8	13.8	
Alexandria Health District											
Alexandria	15	28	37	42	52	10.0	18.2	23.7	26.2	32.5	
District Total	15	28	37	42	52	10.0	18.2	23.7	26.2	32.5	
Arlington Health District											
Arlington	23	54	64	63	80	10.1	23.6	27.8	26.8	34.0	
District Total	23	54	64	63	80	10.1	23.6	27.8	26.8	34.0	
Fairfax Health District											
Fairfax City	0	0	0	5	7	0.0	0.0	0.0	20.7	29.0	
Fairfax Co.	38	46	88	93	116	3.3	4.0	7.7	8.1	10.1	
Falls Church	1	1	2	0	4	7.4	7.2	14.3	0.0	27.4	
District Total	39	47	90	98	127	3.3	4.0	7.6	8.3	10.7	
Loudoun Health District											
Loudoun Co.	10	12	21	30	26	2.8	3.2	5.4	7.5	6.5	
District Total	10	12	21	30	26	2.8	3.2	5.4	7.5	6.5	
Prince William Health District											
Manassas	1	5	0	0	3	2.4	12.0	0.0	0.0	7.2	
Manassas Park	2	1	2	1	2	13.2	6.4	12.6	6.0	12.1	
Prince William Co.	35	37	34	37	54	7.8	8.2	7.5	8.0	11.7	
District Total	38	43	36	38	59	7.5	8.4	7.0	7.3	11.3	

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Table 3ES-d. Northwest Region ES 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	39	60	45	63	70	3.0	4.6	3.4	4.7	5.3	
Central Shenandoah District											
Augusta Co.	2	1	0	1	2	2.7	1.3	0.0	1.3	2.7	
Bath Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Buena Vista	0	1	0	0	0	0.0	15.1	0.0	0.0	0.0	
Harrisonburg	5	7	1	0	3	9.5	13.3	1.9	0.0	5.5	
Highland Co.	0	0	0	0	1	0.0	0.0	0.0	0.0	45.2	
Lexington	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Rockbridge Co.	0	1	0	3	2	0.0	4.5	0.0	13.2	8.8	
Rockingham Co.	2	4	1	2	2	2.6	5.1	1.3	2.5	2.5	
Staunton	1	1	1	3	2	4.1	4.1	4.1	12.2	8.2	
Waynesboro	0	1	0	2	3	0.0	4.7	0.0	9.0	13.4	
District Total	10	16	3	11	15	3.4	5.4	1.0	3.7	5.0	
Lord Fairfax Health District											
Clarke Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Frederick Co.	0	0	0	1	2	0.0	0.0	0.0	1.2	2.3	
Page Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Shenandoah Co.	0	0	0	2	1	0.0	0.0	0.0	4.6	2.3	
Warren Co.	1	4	1	1	4	2.6	10.2	2.6	2.5	10.1	
Winchester	1	3	3	4	1	3.6	11.0	10.9	14.3	3.6	
District Total	2	7	4	8	8	0.9	3.0	1.7	3.4	3.4	
Rappahannock Health District											
Caroline Co.	0	0	1	4	1	0.0	0.0	3.3	13.1	3.3	
Fredericksburg	5	2	1	4	3	17.6	7.1	3.5	14.1	10.6	
King George Co.	1	4	2	0	1	3.9	15.7	7.7	0.0	3.8	
Spotsylvania Co.	6	10	10	11	10	4.6	7.7	7.6	8.3	7.5	
Stafford Co.	6	5	8	14	9	4.3	3.5	5.5	9.5	6.1	
District Total	18	21	22	33	24	5.1	5.9	6.1	9.0	6.6	
Rappahannock/Rapidan Health District											
Culpeper Co.	0	2	0	3	0	0.0	4.0	0.0	5.9	0.0	
Fauquier Co.	1	0	1	0	4	1.5	0.0	1.4	0.0	5.8	
Madison Co.	0	0	1	0	1	0.0	0.0	7.6	0.0	7.5	
Orange Co.	1	1	0	0	0	2.9	2.8	0.0	0.0	0.0	
Rappahannock Co.	0	1	0	1	0	0.0	13.6	0.0	13.7	0.0	
District Total	2	4	2	4	5	1.2	2.3	1.1	2.3	2.8	
Thomas Jefferson Health District											
Albemarle Co.	2	2	6	3	5	1.9	1.9	5.6	2.8	4.6	
Charlottesville	3	8	6	4	6	6.6	17.2	12.8	8.3	12.5	
Fluvanna Co.	0	1	1	0	1	0.0	3.8	3.8	0.0	3.8	
Greene Co.	0	0	0	0	4	0.0	0.0	0.0	0.0	20.4	
Louisa Co.	2	0	1	0	2	5.8	0.0	2.8	0.0	5.6	
Nelson Co.	0	1	0	0	0	0.0	6.8	0.0	0.0	0.0	
District Total	7	12	14	7	18	2.9	4.9	5.6	2.8	7.1	

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Table 3ES-e. Southwest Region ES 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	76	67	58	96	101	5.6	4.9	4.3	7.1	7.5	
Alleghany Health District											
Alleghany Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Botetourt Co.	2	0	0	1	1	6.0	0.0	0.0	3.0	3.0	
Covington	0	0	1	1	0	0.0	0.0	18.1	18.1	0.0	
Craig Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Roanoke Co.	10	3	2	7	5	10.7	3.2	2.1	7.5	5.3	
Salem	1	6	1	3	3	3.9	23.6	3.9	11.6	11.6	
District Total	13	9	4	12	9	7.3	5.0	2.2	6.7	5.0	
Central Virginia Health District											
Amherst Co.	1	1	0	1	0	3.1	3.1	0.0	3.2	0.0	
Appomattox Co.	7	0	2	1	0	45.8	0.0	12.9	6.4	0.0	
Bedford Co.	3	1	3	0	0	3.9	1.3	3.8	0.0	0.0	
Campbell Co.	6	3	1	2	4	10.9	5.4	1.8	3.6	7.3	
Lynchburg	8	10	4	3	5	10.1	12.5	5.0	3.7	6.2	
District Total	25	15	10	7	9	9.7	5.8	3.8	2.7	3.4	
Cumberland Plateau Health District											
Buchanan Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Dickenson Co.	0	0	0	0	1	0.0	0.0	0.0	0.0	6.8	
Russell Co.	0	0	0	2	0	0.0	0.0	0.0	7.4	0.0	
Tazewell Co.	0	0	0	0	1	0.0	0.0	0.0	0.0	2.4	
District Total	0	0	0	2	2	0.0	0.0	0.0	1.9	1.9	
Lenowisco Health District											
Lee Co.	0	1	0	0	1	0.0	4.0	0.0	0.0	4.2	
Norton	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Scott Co.	0	1	0	1	0	0.0	4.5	0.0	4.6	0.0	
Wise Co.	1	0	0	1	1	2.5	0.0	0.0	2.6	2.6	
District Total	1	2	0	2	2	1.1	2.2	0.0	2.3	2.3	
Mount Rogers Health District											
Bristol	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Bland Co.	0	0	1	1	0	0.0	0.0	15.4	15.7	0.0	
Carroll Co.	0	0	1	1	0	0.0	0.0	3.4	3.4	0.0	
Galax	1	0	1	1	0	14.3	0.0	14.8	15.1	0.0	
Grayson Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Smyth Co.	1	1	0	1	2	3.2	3.2	0.0	3.3	6.5	
Washington Co.	2	1	0	0	3	3.7	1.8	0.0	0.0	5.5	
Wythe Co.	0	0	2	2	1	0.0	0.0	6.9	6.9	3.5	
District Total	4	2	5	6	6	2.1	1.0	2.6	3.2	3.2	
New River Health District											
Floyd Co.	0	0	2	0	1	0.0	0.0	12.7	0.0	6.3	
Giles Co.	0	2	2	0	0	0.0	12.0	11.9	0.0	0.0	
Montgomery Co.	2	3	4	4	3	2.1	3.1	4.1	4.1	3.0	
Pulaski Co.	2	0	0	1	2	5.8	0.0	0.0	2.9	5.9	

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

	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	
New River Health District, cont.											
Radford	0	0	3	4	1	0.0	0.0	17.2	22.7	5.7	
District Total	4	5	11	9	7	2.2	2.8	6.0	4.9	3.8	
Pittsylvania/Danville Health District											
Danville	4	9	3	30	32	9.4	21.4	7.2	72.9	77.8	
Pittsylvania Co.	5	3	5	1	8	8.0	4.8	8.1	1.6	13.1	
District Total	9	12	8	31	40	8.6	11.5	7.7	30.3	39.1	
Roanoke Health District											
Roanoke City	15	16	13	22	18	15.1	16.0	13.0	22.0	18.0	
District Total	15	16	13	22	18	15.1	16.0	13.0	22.0	18.0	
West Piedmont Health District											
Franklin Co.	4	2	1	4	3	7.1	3.6	1.8	7.1	5.3	
Henry Co.	1	2	4	1	4	1.9	3.9	7.8	2.0	7.8	
Martinsville	0	2	2	0	0	0.0	14.7	14.9	0.0	0.0	
Patrick Co.	0	0	0	0	1	0.0	0.0	0.0	0.0	5.7	
District Total	5	6	7	5	8	3.6	4.3	5.0	3.6	5.8	

VIRGINIA STD SURVEILLANCE REPORT

Table 4ES-a. Early syphilis 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	15	28	37	42	52	10.0	18.2	23.7	26.2	32.5	66.2%	
Alleghany	13	9	4	12	9	7.3	5.0	2.2	6.7	5.0	-4.9%	
Arlington	23	54	64	63	80	10.1	23.6	27.8	26.8	34.0	54.2%	
Central Shenandoah	10	16	3	11	15	3.4	5.4	1.0	3.7	5.0	48.2%	
Central Virginia	25	15	10	7	9	9.7	5.8	3.8	2.7	3.4	-37.3%	
Chesapeake	21	34	37	32	34	9.0	14.4	15.6	13.3	14.1	8.2%	
Chesterfield	18	16	48	44	51	4.8	4.2	12.5	11.3	13.1	60.0%	
Chickahominy	8	6	11	9	14	5.3	3.9	7.1	5.7	8.9	61.6%	
Crater	19	46	54	65	74	12.2	29.4	34.7	41.9	47.7	61.3%	
Cumberland Plateau	0	0	0	2	2	0.0	0.0	0.0	1.9	1.9	300.0%	
Eastern Shore	1	1	1	2	2	2.2	2.2	2.2	4.5	4.5	61.6%	
Fairfax	39	47	90	98	127	3.3	4.0	7.6	8.3	10.7	84.4%	
Hampton	18	37	49	53	38	13.2	27.1	36.2	39.4	28.2	-2.5%	
Henrico Co.	28	35	41	50	73	8.7	10.8	12.6	15.2	22.3	88.4%	
Lenowisco	1	2	0	2	2	1.1	2.2	0.0	2.3	2.3	62.8%	
Lord Fairfax	2	7	4	8	8	0.9	3.0	1.7	3.4	3.4	50.7%	
Loudoun Co.	10	12	21	30	26	2.8	3.2	5.4	7.5	6.5	38.0%	
Mount Rogers	4	2	5	6	6	2.1	1.0	2.6	3.2	3.2	41.7%	
New River	4	5	11	9	7	2.2	2.8	6.0	4.9	3.8	-3.7%	
Norfolk	31	75	106	100	116	12.6	30.4	43.2	40.9	47.4	49.1%	
Peninsula	27	69	76	79	73	7.7	19.7	21.6	22.6	20.9	16.5%	
Piedmont	6	4	12	10	11	5.8	3.9	11.7	9.8	10.7	37.9%	
Pittsylvania/Danville	9	12	8	31	40	8.6	11.5	7.7	30.3	39.1	169.0%	
Portsmouth	24	33	33	37	38	25.0	34.3	34.6	39.1	40.2	20.8%	
Prince William	38	43	36	38	59	7.5	8.4	7.0	7.3	11.3	49.4%	
Rappahannock	18	21	22	33	24	5.1	5.9	6.1	9.0	6.6	0.6%	
Rapp./Rapidan	2	4	2	4	5	1.2	2.3	1.1	2.3	2.8	64.6%	
Richmond City	63	97	104	99	156	28.9	44.0	46.6	43.6	68.7	68.5%	
Roanoke City	15	16	13	22	18	15.1	16.0	13.0	22.0	18.0	9.0%	
Southside	3	7	3	3	1	3.6	8.4	3.7	3.7	1.2	-74.7%	
Thomas Jefferson	7	12	14	7	18	2.9	4.9	5.6	2.8	7.1	77.0%	
Three Rivers	7	5	6	4	8	5.0	3.5	4.3	2.8	5.7	45.1%	
Virginia Beach	41	88	97	103	97	9.1	19.4	21.4	22.9	21.5	18.3%	
West Piedmont	5	6	7	5	8	3.6	4.3	5.0	3.6	5.8	40.0%	
Western Tidewater	13	28	30	24	24	8.7	18.5	19.7	15.7	15.7	0.3%	
Virginia Total	568	892	1,059	1,144	1,325	6.8	10.6	12.6	13.5	15.6	43.7%	

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

VIRGINIA STD SURVEILLANCE REPORT

Table 4ES-b. Early syphilis diagnoses by health district, by rate

	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	% Change	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate		
Richmond City	63	97	104	99	156	28.9	44.0	46.6	43.6	68.7	68.5%	
Crater	19	46	54	65	74	12.2	29.4	34.7	41.9	47.7	61.3%	
Norfolk	31	75	106	100	116	12.6	30.4	43.2	40.9	47.4	49.1%	
Portsmouth	24	33	33	37	38	25.0	34.3	34.6	39.1	40.2	20.8%	
Pittsylvania/Danville	9	12	8	31	40	8.6	11.5	7.7	30.3	39.1	169.0%	
Arlington	23	54	64	63	80	10.1	23.6	27.8	26.8	34.0	54.2%	
Alexandria	15	28	37	42	52	10.0	18.2	23.7	26.2	32.5	66.2%	
Hampton	18	37	49	53	38	13.2	27.1	36.2	39.4	28.2	-2.5%	
Henrico Co.	28	35	41	50	73	8.7	10.8	12.6	15.2	22.3	88.4%	
Virginia Beach	41	88	97	103	97	9.1	19.4	21.4	22.9	21.5	18.3%	
Peninsula	27	69	76	79	73	7.7	19.7	21.6	22.6	20.9	16.5%	
Roanoke City	15	16	13	22	18	15.1	16.0	13.0	22.0	18.0	9.0%	
Western Tidewater	13	28	30	24	24	8.7	18.5	19.7	15.7	15.7	0.3%	
Virginia Total	568	892	1,059	1,144	1,325	6.8	10.6	12.6	13.5	15.6	43.7%	
Chesapeake	21	34	37	32	34	9.0	14.4	15.6	13.3	14.1	8.2%	
Chesterfield	18	16	48	44	51	4.8	4.2	12.5	11.3	13.1	60.0%	
Prince William	38	43	36	38	59	7.5	8.4	7.0	7.3	11.3	49.4%	
Piedmont	6	4	12	10	11	5.8	3.9	11.7	9.8	10.7	37.9%	
Fairfax	39	47	90	98	127	3.3	4.0	7.6	8.3	10.7	84.4%	
Chickahominy	8	6	11	9	14	5.3	3.9	7.1	5.7	8.9	61.6%	
Thomas Jefferson	7	12	14	7	18	2.9	4.9	5.6	2.8	7.1	77.0%	
Rappahannock	18	21	22	33	24	5.1	5.9	6.1	9.0	6.6	0.6%	
Loudoun Co.	10	12	21	30	26	2.8	3.2	5.4	7.5	6.5	38.0%	
West Piedmont	5	6	7	5	8	3.6	4.3	5.0	3.6	5.8	40.0%	
Three Rivers	7	5	6	4	8	5.0	3.5	4.3	2.8	5.7	45.1%	
Alleghany	13	9	4	12	9	7.3	5.0	2.2	6.7	5.0	-4.9%	
Central Shenandoah	10	16	3	11	15	3.4	5.4	1.0	3.7	5.0	48.2%	
Eastern Shore	1	1	1	2	2	2.2	2.2	2.2	4.5	4.5	61.6%	
New River	4	5	11	9	7	2.2	2.8	6.0	4.9	3.8	-3.7%	
Central Virginia	25	15	10	7	9	9.7	5.8	3.8	2.7	3.4	-37.3%	
Lord Fairfax	2	7	4	8	8	0.9	3.0	1.7	3.4	3.4	50.7%	
Mount Rogers	4	2	5	6	6	2.1	1.0	2.6	3.2	3.2	41.7%	
Rapp./Rapidan	2	4	2	4	5	1.2	2.3	1.1	2.3	2.8	64.6%	
Lenowisco	1	2	0	2	2	1.1	2.2	0.0	2.3	2.3	62.8%	
Cumberland Plateau	0	0	0	2	2	0.0	0.0	0.0	1.9	1.9	300.0%	
Southside	3	7	3	3	1	3.6	8.4	3.7	3.7	1.2	-74.7%	

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