

VIRGINIA STD SURVEILLANCE REPORT

Table 1ES. New Early Syphilis Diagnoses

	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Total	680	566	891	1,056	1,115	8.2	6.8	10.6	12.6	13.2	
Gender											
Male	604	517	797	904	957	14.9	12.6	19.3	21.9	23.0	
Female	73	47	86	133	148	1.7	1.1	2.0	3.1	3.4	
Transgender	3	2	7	18	9	--	--	--	--	--	
Other/unknown	0	0	1	1	1	--	--	--	--	--	
Age at diagnosis											
< 10	0	0	1	0	0	0.0	0.0	0.1	0.0	0.0	
10 - 14	1	0	0	1	0	0.2	0.0	0.0	0.2	0.0	
15 - 19	33	20	39	46	68	6.1	3.7	7.2	8.5	12.6	
20 - 24	173	118	177	221	208	28.8	19.5	29.5	37.5	35.7	
25 - 29	149	125	214	270	261	25.5	21.1	35.7	45.8	43.5	
30 - 34	90	81	145	173	175	15.6	13.9	24.8	29.7	29.9	
35 - 39	57	45	83	110	130	10.9	8.4	15.2	19.7	22.8	
40 - 44	53	50	66	53	91	9.4	9.0	12.2	10.0	17.4	
45 - 49	49	47	63	67	76	8.4	8.3	11.2	11.8	13.4	
50 - 54	47	38	47	54	56	7.7	6.2	7.8	9.1	9.6	
55 - 59	16	24	31	39	29	2.9	4.3	5.4	6.7	5.0	
60 - 64	4	9	14	8	9	0.9	1.9	2.9	1.6	1.8	
> 64	8	9	11	14	12	0.7	0.8	0.9	1.1	0.9	
Other/unknown	0	0	0	0	0	--	--	--	--	--	
Race/ethnicity											
Black, non-Hispanic	378	294	502	612	610	23.2	17.9	30.2	36.6	36.1	
White, non-Hispanic	243	214	267	239	286	4.5	4.0	5.0	4.5	5.3	
Hispanic (all races)	47	33	71	93	94	6.6	4.5	9.4	12.1	11.8	
Other/multi-race	8	23	27	32	45	--	--	--	--	--	
Unknown	4	2	24	80	80	--	--	--	--	--	
Health Region											
Central	161	143	211	273	276	11.5	10.1	14.8	19.1	19.1	
Eastern	223	183	370	431	418	12.1	9.9	19.9	23.2	22.6	
Northern	175	125	183	250	267	7.3	5.2	7.5	10.2	10.7	
Northwest	40	39	60	44	58	3.1	3.0	4.6	3.3	4.4	
Southwest	81	76	67	58	96	6.0	5.6	4.9	4.3	7.1	
All syphilis diagnoses, by stage											
Congenital*	3	2	3	8	12	--	--	--	--	--	
Primary	90	72	105	122	151	1.1	0.9	1.3	1.5	1.8	
Secondary	237	215	288	335	354	2.9	2.6	3.4	4.0	4.2	
Early, non-P/S	353	279	498	599	610	4.3	3.4	5.9	7.1	7.2	
Late or unk. duration	332	316	272	319	535	4.0	3.8	3.2	3.8	6.3	

*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, 2013 - 2017

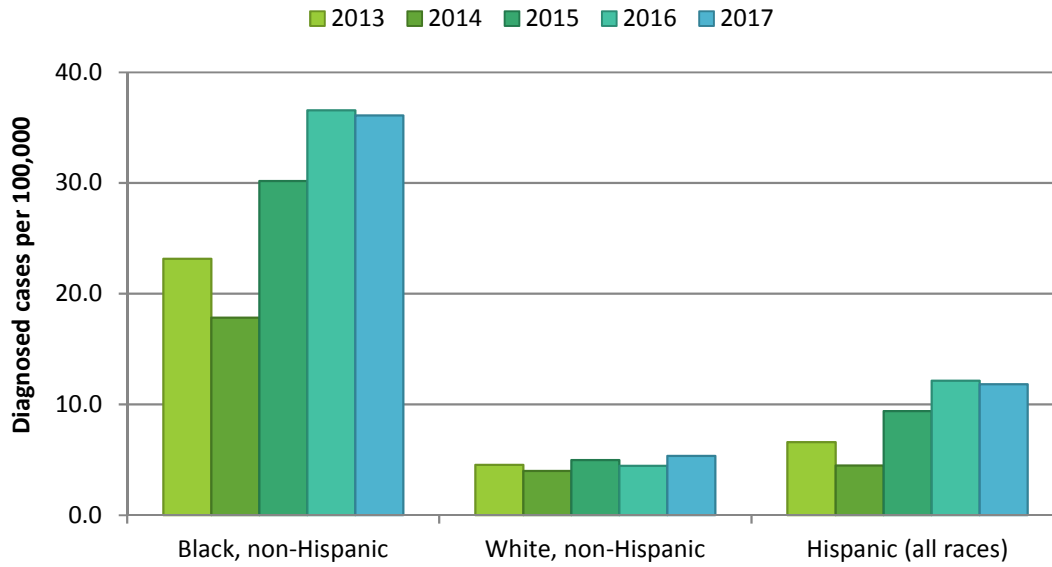


Figure 2ES. Rate of early syphilis diagnoses by gender, 2013 - 2017

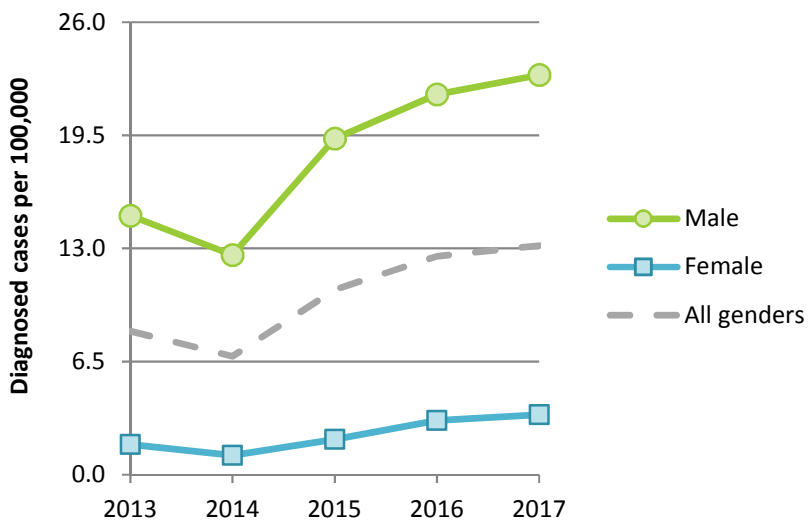
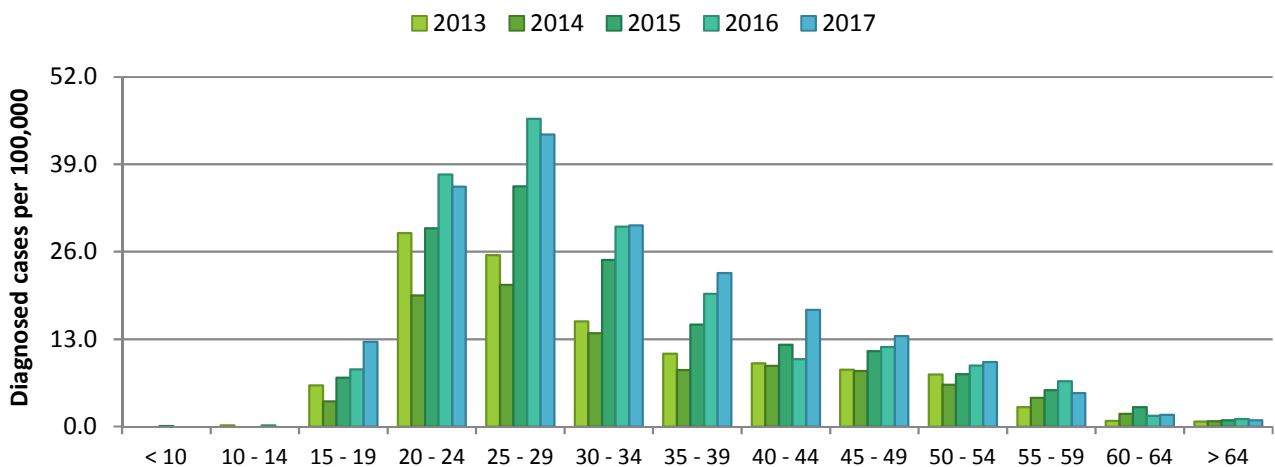







Figure 3ES. Rate of early syphilis diagnoses by age in years, 2013 - 2017



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Table 2ES. Early Syphilis Diagnoses by Region, 2017

	Central	Eastern	Northern	Northwest	Southwest
	No.	No.	No.	No.	No.
Total	276	418	267	58	96
Gender					
Male	232	341	256	50	78
Female	39	73	10	8	18
Transgender	5	4	0	0	0
Other/unknown	0	0	1	0	0
<i>% Female</i> <i>% Male</i>					
Age in years					
< 10	0	0	0	0	0
10 - 14	0	0	0	0	0
15 - 19	12	30	10	5	11
20 - 24	58	79	39	8	24
25 - 29	72	96	53	19	21
30 - 34	33	72	47	8	15
35 - 39	34	44	37	9	6
40 - 44	22	32	25	3	9
45 - 49	21	23	23	3	6
50 - 54	13	19	20	2	2
55 - 59	5	12	10	1	1
60 - 64	2	5	1	0	1
> 64	4	6	2	0	0
Other/unknown	0	0	0	0	0
Race/ethnicity					
Black, non-Hispanic	182	281	55	18	19
White, non-Hispanic	28	74	64	10	23
Hispanic (all races)	18	20	55	1	0
Other/ Multi-race	7	13	21	2	0
Unknown	23	31	44	11	9

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

	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	161	143	211	273	276	11.5	10.1	14.8	19.1	19.1	
Chesterfield Health District											
Chesterfield Co.	8	16	15	44	38	2.4	4.8	4.5	13.0	11.1	
Powhatan Co.	0	0	0	2	1	0.0	0.0	0.0	7.0	3.5	
Colonial Heights	1	2	1	2	5	5.7	11.3	5.6	11.3	28.0	
District Total	9	18	16	48	44	2.4	4.8	4.2	12.5	11.3	
Chickahominy Health District											
Charles City Co.	0	0	1	3	1	0.0	0.0	14.2	42.4	14.3	
Goochland Co.	0	2	4	3	2	0.0	9.1	18.0	13.2	8.8	
Hanover Co.	6	4	1	4	6	5.9	3.9	1.0	3.8	5.7	
New Kent Co.	3	2	0	1	0	15.4	10.0	0.0	4.7	0.0	
District Total	9	8	6	11	9	6.0	5.3	3.9	7.1	5.7	
Crater Health District											
Dinwiddie Co.	2	3	3	7	6	7.2	10.8	10.8	24.9	21.3	
Greensville Co.	0	0	2	3	3	0.0	0.0	16.8	25.6	25.7	
Prince George Co.	5	3	8	10	15	13.4	8.0	21.1	26.4	39.7	
Surry Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Sussex Co.	1	1	5	1	4	8.5	8.5	42.7	8.7	35.2	
Emporia	0	0	3	1	2	0.0	0.0	54.6	18.9	37.9	
Hopewell	3	3	9	8	2	13.5	13.5	40.2	35.2	8.8	
Petersburg	12	8	16	24	31	36.9	24.5	49.3	75.3	97.6	
District Total	23	18	46	54	63	14.8	11.6	29.4	34.7	40.6	
Henrico Health District											
Henrico Co.	35	28	35	41	48	11.0	8.7	10.8	12.6	14.6	
District Total	35	28	35	41	48	11.0	8.7	10.8	12.6	14.6	
Piedmont Health District											
Amelia Co.	1	1	0	0	3	7.8	7.8	0.0	0.0	23.0	
Buckingham Co.	1	0	0	1	1	5.8	0.0	0.0	5.9	5.9	
Charlotte Co.	1	1	0	1	0	8.1	8.2	0.0	8.2	0.0	
Cumberland Co.	0	0	1	1	1	0.0	0.0	10.3	10.4	10.2	
Lunenburg Co.	0	0	0	1	0	0.0	0.0	0.0	8.1	0.0	
Nottoway Co.	3	4	2	6	4	19.0	25.7	12.8	38.5	25.9	
Prince Edward Co.	1	0	1	2	1	4.4	0.0	4.4	8.6	4.4	
District Total	7	6	4	12	10	6.8	5.8	3.9	11.7	9.8	
Richmond City Health District											
Richmond City	74	63	97	104	99	34.6	28.9	44.0	46.6	43.6	
District Total	74	63	97	104	99	34.6	28.9	44.0	46.6	43.6	
Southside Health District											
Brunswick Co.	2	1	2	2	1	11.8	6.1	12.0	12.3	6.2	
Halifax Co.	1	0	3	0	2	2.8	0.0	8.5	0.0	5.8	
Mecklenburg Co.	1	1	2	1	0	3.2	3.2	6.4	3.2	0.0	
District Total	4	2	7	3	3	4.8	2.4	8.4	3.7	3.7	
















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

	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	223	183	370	431	418	12.1	9.9	19.9	23.2	22.6	
Chesapeake Health District											
Chesapeake	18	21	34	37	29	7.8	9.0	14.4	15.6	12.1	
District Total	18	21	34	37	29	7.8	9.0	14.4	15.6	12.1	
Eastern Shore Health District											
Accomack Co.	2	1	1	0	2	6.0	3.0	3.0	0.0	6.1	
Northampton Co.	0	0	0	1	0	0.0	0.0	0.0	8.2	0.0	
District Total	2	1	1	1	2	4.4	2.2	2.2	2.2	4.5	
Hampton Health District											
Hampton	22	18	37	49	50	16.1	13.2	27.1	36.2	37.1	
District Total	22	18	37	49	50	16.1	13.2	27.1	36.2	37.1	
Norfolk Health District											
Norfolk	56	31	75	105	98	22.8	12.6	30.4	42.8	40.0	
District Total	56	31	75	105	98	22.8	12.6	30.4	42.8	40.0	
Peninsula Health District											
James City Co.	1	1	3	2	7	1.4	1.4	4.1	2.7	9.3	
York Co.	2	1	5	6	5	3.0	1.5	7.4	8.8	7.4	
Newport News	36	25	60	64	62	19.8	13.7	32.9	35.2	34.6	
Poquoson	0	0	0	1	0	0.0	0.0	0.0	8.3	0.0	
Williamsburg	2	0	1	3	2	13.2	0.0	6.6	19.7	13.3	
District Total	41	27	69	76	76	11.8	7.7	19.7	21.6	21.7	
Portsmouth Health District											
Portsmouth	26	24	33	30	35	27.0	25.0	34.3	31.5	37.0	
District Total	26	24	33	30	35	27.0	25.0	34.3	31.5	37.0	
Three Rivers Health District											
Essex Co.	0	2	0	0	1	0.0	18.0	0.0	0.0	9.1	
Gloucester Co.	0	3	0	1	1	0.0	8.1	0.0	2.7	2.7	
King and Queen Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
King William Co.	0	1	0	2	0	0.0	6.2	0.0	12.2	0.0	
Lancaster Co.	2	1	2	2	1	17.9	9.1	18.2	18.2	9.3	
Mathews Co.	0	0	1	0	0	0.0	0.0	11.3	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.	1	0	1	0	1	11.2	0.0	11.2	0.0	11.2	
Westmoreland Co.	0	0	1	1	0	0.0	0.0	5.7	5.7	0.0	
District Total	3	7	5	6	4	2.1	5.0	3.5	4.3	2.8	
Virginia Beach Health District											
Virginia Beach	41	41	88	97	101	9.1	9.1	19.4	21.4	22.4	
District Total	41	41	88	97	101	9.1	9.1	19.4	21.4	22.4	
Western Tidewater Health District											
Isle of Wight Co.	3	6	6	10	2	8.4	16.7	16.5	27.3	5.5	
Southampton Co.	3	0	4	1	0	16.5	0.0	22.1	5.5	0.0	
Franklin City	0	1	0	3	2	0.0	11.7	0.0	36.1	24.5	
Suffolk	8	6	18	16	19	9.3	6.9	20.4	17.9	21.1	
District Total	14	13	28	30	23	9.4	8.7	18.5	19.7	15.1	







































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

	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	175	125	183	250	267	7.3	5.2	7.5	10.2	10.7	
Alexandria Health District											
Alexandria	26	15	28	37	41	17.5	10.0	18.2	23.7	25.6	
District Total	26	15	28	37	41	17.5	10.0	18.2	23.7	25.6	
Arlington Health District											
Arlington	35	23	54	64	62	15.6	10.1	23.6	27.8	26.4	
District Total	35	23	54	64	62	15.6	10.1	23.6	27.8	26.4	
Fairfax Health District											
Fairfax Co.	63	38	46	89	91	5.6	3.3	4.0	7.8	7.9	
Falls Church	1	1	1	2	0	7.4	7.4	7.2	14.3	0.0	
Fairfax City	0	0	0	0	5	0.0	0.0	0.0	0.0	20.7	
District Total	64	39	47	91	96	5.5	3.3	4.0	7.7	8.1	
Loudoun Health District											
Loudoun Co.	11	10	11	22	30	3.1	2.8	2.9	5.7	7.5	
District Total	11	10	11	22	30	3.1	2.8	2.9	5.7	7.5	
Prince William Health District											
Prince William Co.	37	35	37	34	37	8.4	7.8	8.2	7.5	8.0	
Manassas	2	1	5	0	0	4.8	2.4	12.0	0.0	0.0	
Manassas Park	0	2	1	2	1	0.0	13.2	6.4	12.6	6.0	
District Total	39	38	43	36	38	7.9	7.5	8.4	7.0	7.3	






































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

	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	40	39	60	44	58	3.1	3.0	4.6	3.3	4.4	
Central Shenandoah District											
Augusta Co.	2	2	1	0	1	2.7	2.7	1.3	0.0	1.3	
Bath Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Highland Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Rockbridge Co.	0	0	1	0	3	0.0	0.0	4.5	0.0	13.2	
Rockingham Co.	1	2	4	1	1	1.3	2.6	5.1	1.3	1.2	
Buena Vista	1	0	1	0	0	15.0	0.0	15.1	0.0	0.0	
Harrisonburg	3	5	7	1	0	5.8	9.5	13.3	1.9	0.0	
Lexington	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Staunton	0	1	1	1	3	0.0	4.1	4.1	4.1	12.2	
Waynesboro	1	0	1	0	2	4.7	0.0	4.7	0.0	9.0	
District Total	8	10	16	3	10	2.7	3.4	5.4	1.0	3.3	
Lord Fairfax Health District											
Clarke Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Frederick Co.	1	0	0	0	1	1.2	0.0	0.0	0.0	1.2	
Page Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Shenandoah Co.	0	0	0	0	2	0.0	0.0	0.0	0.0	4.6	
Warren Co.	2	1	4	1	1	5.2	2.6	10.2	2.6	2.5	
Winchester	1	1	3	3	4	3.7	3.6	11.0	10.9	14.3	
District Total	4	2	7	4	8	1.8	0.9	3.0	1.7	3.4	
Rappahannock Health District											
Caroline Co.	0	0	0	1	3	0.0	0.0	0.0	3.3	9.8	
King George Co.	1	1	4	2	0	4.0	3.9	15.7	7.7	0.0	
Spotsylvania Co.	9	6	10	9	8	7.1	4.6	7.7	6.8	6.0	
Stafford Co.	3	6	5	8	14	2.2	4.3	3.5	5.5	9.5	
Fredericksburg	3	5	2	1	4	10.7	17.6	7.1	3.5	14.1	
District Total	16	18	21	21	29	4.6	5.1	5.9	5.8	7.9	
Rappahannock/Rapidan Health District											
Culpeper Co.	1	0	2	0	3	2.1	0.0	4.0	0.0	5.9	
Fauquier Co.	0	1	0	1	0	0.0	1.5	0.0	1.4	0.0	
Madison Co.	0	0	0	1	0	0.0	0.0	0.0	7.6	0.0	
Orange Co.	0	1	1	0	0	0.0	2.9	2.8	0.0	0.0	
Rappahannock Co.	0	0	1	0	1	0.0	0.0	13.6	0.0	13.7	
District Total	1	2	4	2	4	0.6	1.2	2.3	1.1	2.3	
Thomas Jefferson Health District											
Albemarle Co.	3	2	2	6	3	2.9	1.9	1.9	5.6	2.8	
Fluvanna Co.	1	0	1	1	0	3.8	0.0	3.8	3.8	0.0	
Greene Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Louisa Co.	1	2	0	1	0	2.9	5.8	0.0	2.8	0.0	
Nelson Co.	0	0	1	0	0	0.0	0.0	6.8	0.0	0.0	
Charlottesville	6	3	8	6	4	13.5	6.6	17.2	12.8	8.3	
District Total	11	7	12	14	7	4.6	2.9	4.9	5.6	2.8	













VIRGINIA STD SURVEILLANCE REPORT

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

	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Region Total	81	76	67	58	96	6.0	5.6	4.9	4.3	7.1	
Alleghany Health District											
Alleghany Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Botetourt Co.	0	2	0	0	1	0.0	6.0	0.0	0.0	3.0	
Craig Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Roanoke Co.	2	10	3	2	7	2.1	10.7	3.2	2.1	7.5	
Covington	0	0	0	1	1	0.0	0.0	0.0	18.1	18.1	
Salem	0	1	6	1	3	0.0	3.9	23.6	3.9	11.6	
District Total	2	13	9	4	12	1.1	7.3	5.0	2.2	6.7	
Central Virginia Health District											
Amherst Co.	8	1	1	0	1	24.9	3.1	3.1	0.0	3.2	
Appomattox Co.	2	7	0	2	1	13.1	45.8	0.0	12.9	6.4	
Bedford Co.	1	3	1	3	0	1.4	3.9	1.3	3.8	0.0	
Campbell Co.	13	6	3	1	2	23.5	10.9	5.4	1.8	3.6	
Lynchburg	18	8	10	4	3	23.1	10.1	12.5	5.0	3.7	
District Total	42	25	15	10	7	16.8	9.7	5.8	3.8	2.7	
Cumberland Plateau Health District											
Buchanan Co.	1	0	0	0	0	4.2	0.0	0.0	0.0	0.0	
Dickenson Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Russell Co.	0	0	0	0	2	0.0	0.0	0.0	0.0	7.4	
Tazewell Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
District Total	1	0	0	0	2	0.9	0.0	0.0	0.0	1.9	
Lenowisco Health District											
Lee Co.	0	0	1	0	0	0.0	0.0	4.0	0.0	0.0	
Scott Co.	0	0	1	0	1	0.0	0.0	4.5	0.0	4.6	
Wise Co.	3	1	0	0	1	7.4	2.5	0.0	0.0	2.6	
Norton	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
District Total	3	1	2	0	2	3.2	1.1	2.2	0.0	2.3	
Mount Rogers Health District											
Bland Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Carroll Co.	0	0	0	1	1	0.0	0.0	0.0	3.4	3.4	
Grayson Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Smyth Co.	0	1	1	0	1	0.0	3.2	3.2	0.0	3.3	
Washington Co.	1	2	1	0	0	1.8	3.7	1.8	0.0	0.0	
Wythe Co.	0	0	0	2	2	0.0	0.0	0.0	6.9	6.9	
Bristol	0	0	0	1	1	0.0	0.0	0.0	5.9	6.0	
Galax	0	1	0	1	1	0.0	14.3	0.0	14.8	15.1	
District Total	1	4	2	5	6	0.5	2.1	1.0	2.6	3.2	
New River Health District											
Floyd Co.	0	0	0	2	0	0.0	0.0	0.0	12.7	0.0	
Giles Co.	0	0	2	2	0	0.0	0.0	12.0	11.9	0.0	
Montgomery Co.	3	2	3	4	4	3.1	2.1	3.1	4.1	4.1	
Pulaski Co.	1	2	0	0	1	2.9	5.8	0.0	0.0	2.9	

VIRGINIA STD SURVEILLANCE REPORT

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

	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	
New River Health District, cont.											
Radford	0	0	0	3	4	0.0	0.0	0.0	17.2	22.7	
District Total	4	4	5	11	9	2.2	2.2	2.8	6.0	4.9	
Pittsylvania/Danville Health District											
Pittsylvania Co.	6	5	3	5	1	9.6	8.0	4.8	8.1	1.6	
Danville	7	4	9	3	30	16.3	9.4	21.4	7.2	72.9	
District Total	13	9	12	8	31	12.3	8.6	11.5	7.7	30.3	
Roanoke Health District											
Roanoke City	12	15	16	13	22	12.2	15.1	16.0	13.0	22.0	
District Total	12	15	16	13	22	12.2	15.1	16.0	13.0	22.0	
West Piedmont Health District											
Franklin Co.	3	4	2	1	4	5.3	7.1	3.6	1.8	7.1	
Henry Co.	0	1	2	4	1	0.0	1.9	3.9	7.8	2.0	
Patrick Co.	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Martinsville	0	0	2	2	0	0.0	0.0	14.7	14.9	0.0	
District Total	3	5	6	7	5	2.1	3.6	4.3	5.0	3.6	

VIRGINIA STD SURVEILLANCE REPORT

Table 4ES-a. Early syphilis diagnoses by health district, alphabetical

	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	%	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	Change	
Alexandria	26	15	28	37	41	17.5	10.0	18.2	23.7	25.6	47.6%	
Alleghany	2	13	9	4	12	1.1	7.3	5.0	2.2	6.7	72.2%	
Arlington	35	23	54	64	62	15.6	10.1	23.6	27.8	26.4	36.9%	
Central Shenandoah	8	10	16	3	10	2.7	3.4	5.4	1.0	3.3	6.2%	
Central Virginia	42	25	15	10	7	16.8	9.7	5.8	3.8	2.7	-70.3%	
Chesapeake	18	21	34	37	29	7.8	9.0	14.4	15.6	12.1	3.1%	
Chesterfield	9	18	16	48	44	2.4	4.8	4.2	12.5	11.3	89.5%	
Chickahominy	9	8	6	11	9	6.0	5.3	3.9	7.1	5.7	2.5%	
Crater	23	18	46	54	63	14.8	11.6	29.4	34.7	40.6	79.5%	
Cumberland Plateau	1	0	0	0	2	0.9	0.0	0.0	0.0	1.9	753.7%	
Eastern Shore	2	1	1	1	2	4.4	2.2	2.2	2.2	4.5	62.8%	
Fairfax	64	39	47	91	96	5.5	3.3	4.0	7.7	8.1	57.7%	
Hampton	22	18	37	49	50	16.1	13.2	27.1	36.2	37.1	60.5%	
Henrico Co.	35	28	35	41	48	11.0	8.7	10.8	12.6	14.6	36.2%	
Lenowisco	3	1	2	0	2	3.2	1.1	2.2	0.0	2.3	38.6%	
Lord Fairfax	4	2	7	4	8	1.8	0.9	3.0	1.7	3.4	84.2%	
Loudoun Co.	11	10	11	22	30	3.1	2.8	2.9	5.7	7.5	107.5%	
Mount Rogers	1	4	2	5	6	0.5	2.1	1.0	2.6	3.2	101.4%	
New River	4	4	5	11	9	2.2	2.2	2.8	6.0	4.9	49.2%	
Norfolk	56	31	75	105	98	22.8	12.6	30.4	42.8	40.0	47.4%	
Peninsula	41	27	69	76	76	11.8	7.7	19.7	21.6	21.7	42.7%	
Piedmont	7	6	4	12	10	6.8	5.8	3.9	11.7	9.8	38.6%	
Pittsylvania/Danville	13	9	12	8	31	12.3	8.6	11.5	7.7	30.3	201.6%	
Portsmouth	26	24	33	30	35	27.0	25.0	34.3	31.5	37.0	25.6%	
Prince William	39	38	43	36	38	7.9	7.5	8.4	7.0	7.3	-5.5%	
Rappahannock	16	18	21	21	29	4.6	5.1	5.9	5.8	7.9	48.3%	
Rapp./Rapidan	1	2	4	2	4	0.6	1.2	2.3	1.1	2.3	74.1%	
Richmond City	74	63	97	104	99	34.6	28.9	44.0	46.6	43.6	13.2%	
Roanoke City	12	15	16	13	22	12.2	15.1	16.0	13.0	22.0	56.5%	
Southside	4	2	7	3	3	4.8	2.4	8.4	3.7	3.7	-23.6%	
Thomas Jefferson	11	7	12	14	7	4.6	2.9	4.9	5.6	2.8	-38.1%	
Three Rivers	3	7	5	6	4	2.1	5.0	3.5	4.3	2.8	-24.0%	
Virginia Beach	41	41	88	97	101	9.1	9.1	19.4	21.4	22.4	51.8%	
West Piedmont	3	5	6	7	5	2.1	3.6	4.3	5.0	3.6	-3.8%	
Western Tidewater	14	13	28	30	23	9.4	8.7	18.5	19.7	15.1	6.8%	
Virginia Total	680	566	891	1,056	1,115	8.2	6.8	10.6	12.6	13.2	37.8%	

*Percent change compares the 2017 rate to the 2013 - 2016 average annual rate.

VIRGINIA STD SURVEILLANCE REPORT

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

	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	% Change	Trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate		
Richmond City	74	63	97	104	99	34.6	28.9	44.0	46.6	43.6	13.2%	
Crater	23	18	46	54	63	14.8	11.6	29.4	34.7	40.6	79.5%	
Norfolk	56	31	75	105	98	22.8	12.6	30.4	42.8	40.0	47.4%	
Hampton	22	18	37	49	50	16.1	13.2	27.1	36.2	37.1	60.5%	
Portsmouth	26	24	33	30	35	27.0	25.0	34.3	31.5	37.0	25.6%	
Pittsylvania/Danville	13	9	12	8	31	12.3	8.6	11.5	7.7	30.3	201.6%	
Arlington	35	23	54	64	62	15.6	10.1	23.6	27.8	26.4	36.9%	
Alexandria	26	15	28	37	41	17.5	10.0	18.2	23.7	25.6	47.6%	
Virginia Beach	41	41	88	97	101	9.1	9.1	19.4	21.4	22.4	51.8%	
Roanoke City	12	15	16	13	22	12.2	15.1	16.0	13.0	22.0	56.5%	
Peninsula	41	27	69	76	76	11.8	7.7	19.7	21.6	21.7	42.7%	
Western Tidewater	14	13	28	30	23	9.4	8.7	18.5	19.7	15.1	6.8%	
Henrico Co.	35	28	35	41	48	11.0	8.7	10.8	12.6	14.6	36.2%	
Virginia Total	680	566	891	1,056	1,115	8.2	6.8	10.6	12.6	13.2	37.8%	
Chesapeake	18	21	34	37	29	7.8	9.0	14.4	15.6	12.1	3.1%	
Chesterfield	9	18	16	48	44	2.4	4.8	4.2	12.5	11.3	89.5%	
Piedmont	7	6	4	12	10	6.8	5.8	3.9	11.7	9.8	38.6%	
Fairfax	64	39	47	91	96	5.5	3.3	4.0	7.7	8.1	57.7%	
Rappahannock	16	18	21	21	29	4.6	5.1	5.9	5.8	7.9	48.3%	
Loudoun Co.	11	10	11	22	30	3.1	2.8	2.9	5.7	7.5	107.5%	
Prince William	39	38	43	36	38	7.9	7.5	8.4	7.0	7.3	-5.5%	
Alleghany	2	13	9	4	12	1.1	7.3	5.0	2.2	6.7	72.2%	
Chickahominy	9	8	6	11	9	6.0	5.3	3.9	7.1	5.7	2.5%	
New River	4	4	5	11	9	2.2	2.2	2.8	6.0	4.9	49.2%	
Eastern Shore	2	1	1	1	2	4.4	2.2	2.2	2.2	4.5	62.8%	
Southside	4	2	7	3	3	4.8	2.4	8.4	3.7	3.7	-23.6%	
West Piedmont	3	5	6	7	5	2.1	3.6	4.3	5.0	3.6	-3.8%	
Lord Fairfax	4	2	7	4	8	1.8	0.9	3.0	1.7	3.4	84.2%	
Central Shenandoah	8	10	16	3	10	2.7	3.4	5.4	1.0	3.3	6.2%	
Mount Rogers	1	4	2	5	6	0.5	2.1	1.0	2.6	3.2	101.4%	
Three Rivers	3	7	5	6	4	2.1	5.0	3.5	4.3	2.8	-24.0%	
Thomas Jefferson	11	7	12	14	7	4.6	2.9	4.9	5.6	2.8	-38.1%	
Central Virginia	42	25	15	10	7	16.8	9.7	5.8	3.8	2.7	-70.3%	
Lenowisco	3	1	2	0	2	3.2	1.1	2.2	0.0	2.3	38.6%	
Rapp./Rapidan	1	2	4	2	4	0.6	1.2	2.3	1.1	2.3	74.1%	
Cumberland Plateau	1	0	0	0	2	0.9	0.0	0.0	0.0	1.9	753.7%	

*Percent change compares the 2017 rate to the 2013 - 2016 average annual rate.