

VIRGINIA STD SURVEILLANCE REPORT

Table 1 Syph. New Total Early Syphilis Diagnoses and Diagnosed Cases of Syphilis by Stage

Diagnosed Cases of Total Early Syphilis											
Year of diagnosis:	2011	2012	2013	2014	2015						5 Year Trend
	No.	No.	No.	No.	No.	2011	2012	2013	2014	2015	
						Rate	Rate	Rate	Rate	Rate	
Total	524	610	677	566	846	6.5	7.5	8.2	6.8	10.2	
Gender											
Male	456	564	604	519	758	11.5	14.0	14.9	12.7	18.5	
Female	68	46	73	47	87	1.7	1.1	1.7	1.1	2.1	
Unknown	0	0	0	0	1	--	--	--	--	--	--
Age at Total Early Syphilis Diagnosis											
<10	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	--
10 - 14	1	0	1	0	0	0.2	0.0	0.2	0.0	0.0	
15 - 19	23	34	30	18	33	4.2	6.3	5.6	3.3	6.1	
20 - 24	123	130	170	116	161	21.1	21.9	28.3	19.2	26.6	
25 - 29	104	118	153	123	201	18.1	20.3	26.2	20.8	33.9	
30 - 34	68	90	89	87	144	12.5	16.0	15.5	14.9	24.7	
35 - 39	47	54	58	45	82	9.0	10.4	11.0	8.4	15.3	
40 - 44	52	55	54	50	65	9.1	9.6	9.6	9.0	11.7	
45 - 49	42	60	46	47	61	6.9	10.0	7.9	8.3	10.7	
50 - 54	34	42	49	37	46	5.7	8.1	8.1	6.1	7.6	
55 - 59	13	17	15	24	29	2.5	3.1	2.7	4.3	5.1	
60 - 64	9	6	4	10	13	1.9	1.3	0.9	2.1	2.7	
65+	8	4	8	9	11	0.8	0.4	0.7	0.8	1.0	
Race/Ethnicity											
Black, non-Hispanic	328	318	380	297	477	20.4	19.6	23.3	18.0	29.0	
White, non-Hispanic	158	230	241	215	256	3.0	4.3	4.5	4.0	4.8	
Hispanic (all races)	30	42	46	31	61	4.5	6.1	6.5	4.2	8.3	
Other	8	19	9	22	26	--	--	--	--	--	--
Unknown	0	1	1	1	26	--	--	--	--	--	--
Behavioral Risk†											
Men who have sex with men	361	451	463	389	560	--	--	--	--	--	--
Other/ Unknown	163	159	214	177	286	--	--	--	--	--	--
Diagnosed Cases of Syphilis by Stage											
	2011	2012	2013	2014	2015						5 Year Trend
	No.	No.	No.	No.	No.	2011	2012	2013	2014	2015	
						Rate	Rate	Rate	Rate	Rate	
Diagnosis											
Congenital Syphilis	0	1	3	2	3	--	--	--	--	--	--
Primary Syphilis	45	69	89	72	99	0.6	0.8	1.1	0.9	1.2	
Secondary Syphilis	171	230	236	214	279	2.1	2.8	2.9	2.6	3.4	
Early Latent Syphilis	308	311	352	280	468	3.8	3.8	4.3	3.4	5.6	
Late Latent Syphilis*	230	331	329	313	260	2.8	4.0	4.0	3.8	3.1	

All data reported to the Virginia Department of Health as of June 01, 2016. Other race includes multi-race, other, Asian/ Pacific Islander and Amer. Indian/ Alaska Native. Total early syphilis includes diagnoses of primary, secondary and early latent syphilis. Rates for annual case counts less than 12 are considered unstable and should be interpreted with caution. Rates per 100,000 population.

-- Rate unable to be calculated

†Other Behavioral Risk includes heterosexual exposure, substance abuse, unsafe sexual practices and transactional sex.

*Note: late latent syphilis data for 2011-2013 was corrected August 2016.

Figure 1 Syph. Rate of total early syphilis diagnoses by race/ ethnicity, 2011-2015

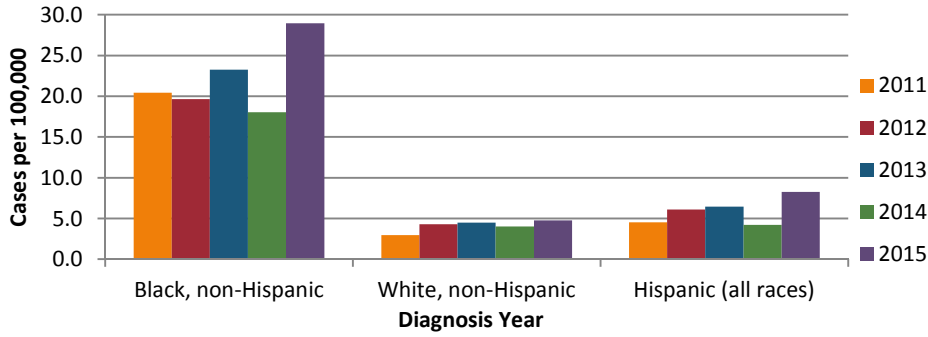


Figure 2 Syph. Rate of total early syphilis diagnoses by gender, 2011-2015

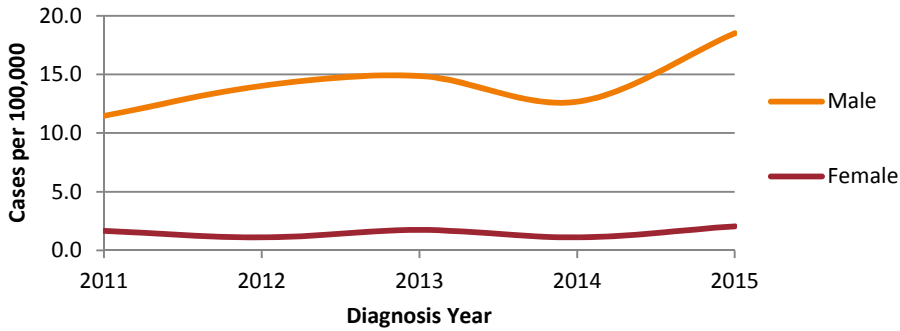


Figure 3 Syph. Rate of total early syphilis diagnoses by age, 2011-2015

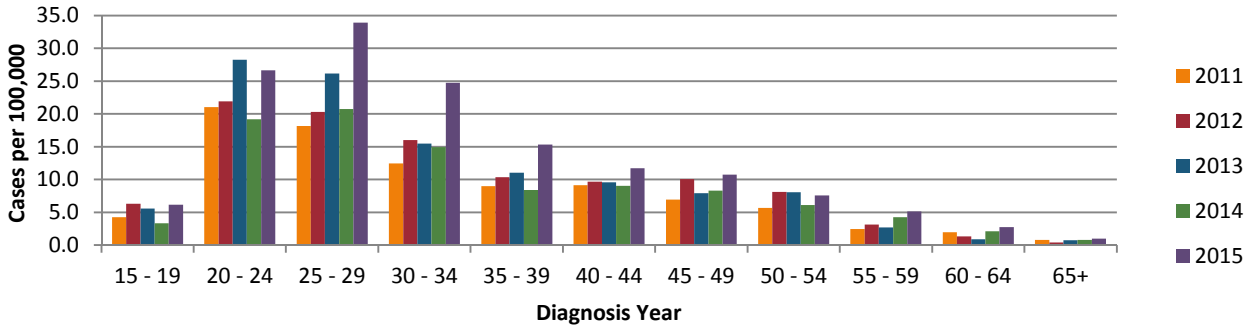
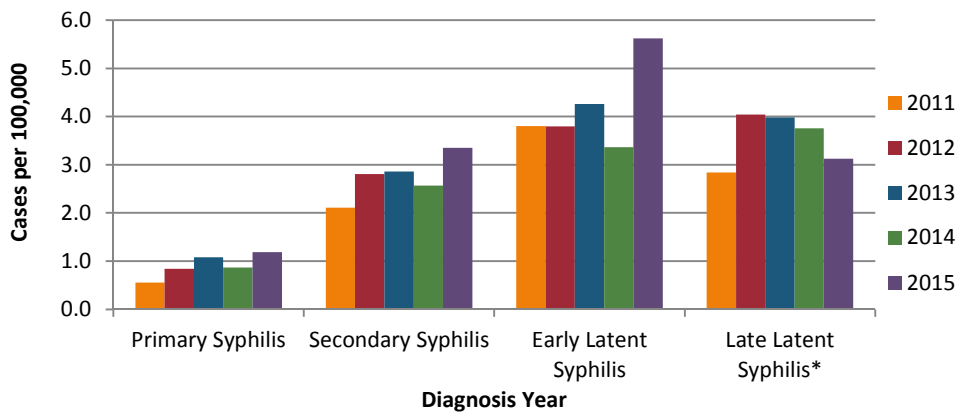


Figure 4 Syph. Rate of syphilis diagnoses by stage, 2011-2015



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Table 2Syph. Total Early Syphilis Diagnoses by Gender, Diagnosis Age, Health Region and Race/Ethnicity, 2015

	Black, non-Hispanic		White, non-Hispanic		Hispanic (all races)		Other		Unknown	
	No.	%	No.	%	No.	%	No.	%	No.	%
Total	477	100%	256	100%	61	100%	26	100%	25	96%
Gender										
Male	423	89%	236	92%	53	87%	21	81%	25	96%
Female	53	11%	20	8%	8	13%	5	19%	1	4%
Unknown	1	0%	0	0%	0	0%	0	0%	0	0%
Age at Total Early Syphilis Diagnosis										
15 - 19	15	3%	8	3%	6	10%	2	8%	2	8%
20 - 24	104	22%	39	15%	8	13%	4	15%	6	23%
25 - 29	127	27%	52	20%	11	18%	5	19%	6	23%
30 - 34	90	19%	37	14%	11	18%	2	8%	4	15%
35 - 39	44	9%	21	8%	6	10%	8	31%	3	12%
40 - 44	38	8%	15	6%	7	11%	3	12%	2	8%
45 - 49	23	5%	27	11%	8	13%	2	8%	1	4%
50 - 54	15	3%	26	10%	4	7%	0	0%	1	4%
55 - 59	11	2%	17	7%	0	0%	0	0%	1	4%
60 - 64	6	1%	7	3%	0	0%	0	0%	0	0%
65+	4	1%	7	3%	0	0%	0	0%	0	0%
Health Region										
Central	140	29%	43	17%	8	13%	5	19%	2	8%
Eastern	240	50%	95	37%	10	16%	7	27%	9	35%
Northern	50	10%	57	22%	37	61%	12	46%	13	50%
Northwest	20	4%	25	10%	4	7%	1	4%	1	4%
Southwest	27	6%	36	14%	2	3%	1	4%	1	4%

All data reported to the Virginia Department of Health as of June 01, 2016 . Other race includes multi-race, other, Asian/ Pacific Islander and Amer. Indian/ Alaska Native. Total early syphilis includes diagnoses of primary, secondary and early latent syphilis.

Figure 5 Syph. Total early syphilis diagnoses by race/ ethnicity and region, 2015

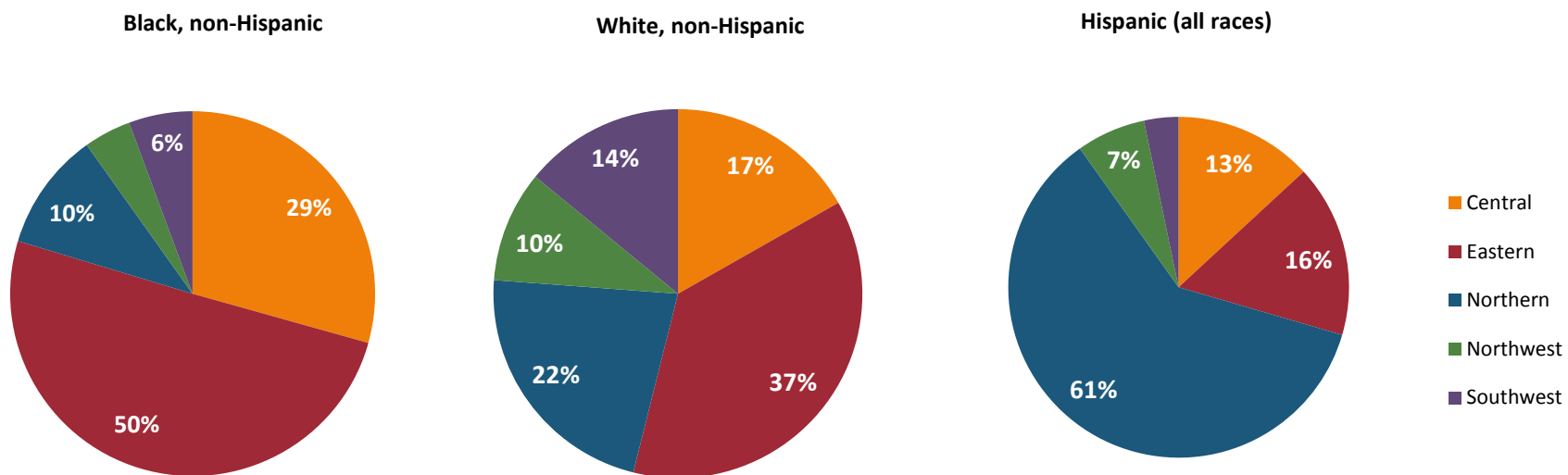


Figure 6 Syph. Total early syphilis diagnoses by region and race/ ethnicity, 2015

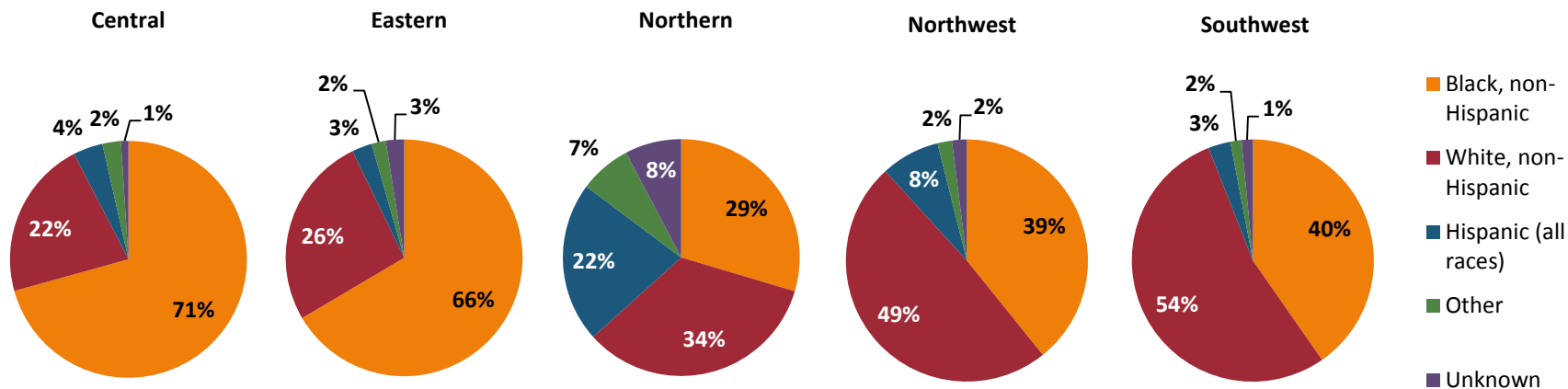


Figure 7Syph. Total early syphilis diagnoses by region and race/ ethnicity, 2015

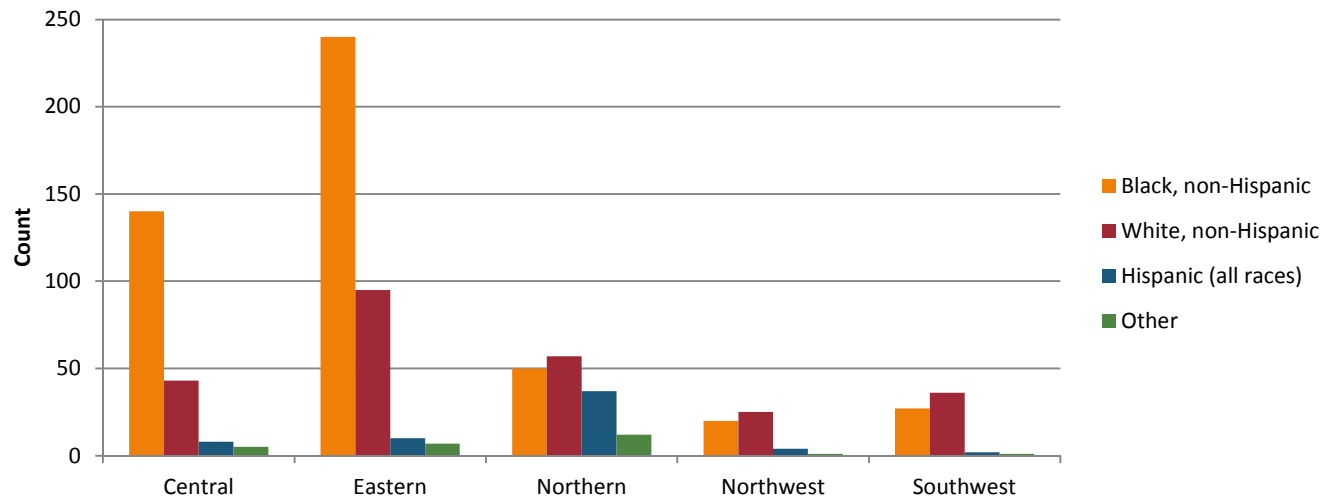
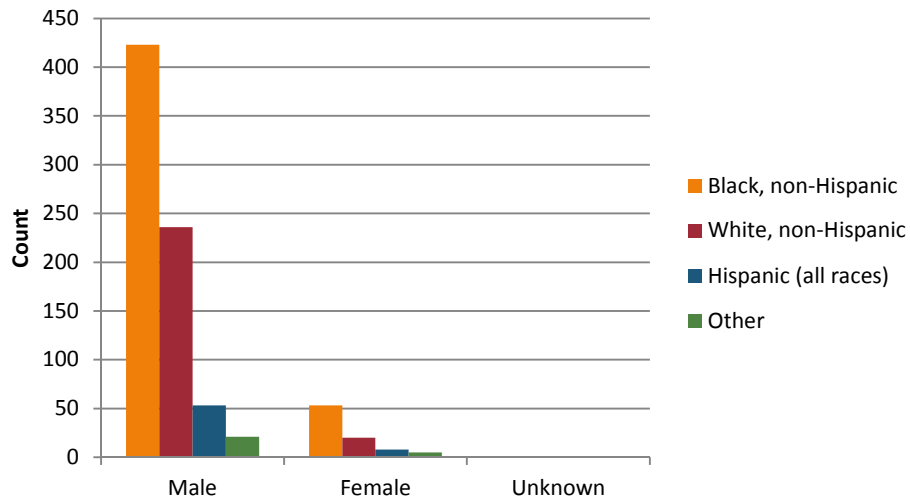


Figure 8Syph. Total early syphilis diagnoses by gender and race/ ethnicity, 2015



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Table 3Syph. Total Early Syphilis Diagnoses by Health District and Report Source, 2015

	Correctional facility		HD - Family Planning		HD - Other Clinic		HD - STD Clinic		Military		Private - Blood bank		Private - Emergency Room		Private - Hospital (Inpatient)		Private - MD/ HMO		Unknown/ Other		Private - Delivery or Prenatal		Private - Lab	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Total	19	100%	7	100%	17	100%	284	100%	13	100%	7	100%	75	100%	31	100%	347	100%	15	100%	2	13%	9	60%
Central																								
Chesterfield	0	0%	0	0%	0	0%	5	2%	0	0%	0	0%	1	1%	1	3%	8	2%	0	0%	0	0%	0	0%
Chickahominy	0	0%	0	0%	0	0%	1	0%	0	0%	0	0%	0	0%	0	0%	2	1%	0	0%	0	0%	1	7%
Crater	3	16%	0	0%	2	12%	22	8%	0	0%	0	0%	6	8%	0	0%	9	3%	1	7%	0	0%	1	7%
Henrico	0	0%	1	14%	0	0%	11	4%	0	0%	0	0%	2	3%	0	0%	12	3%	0	0%	0	0%	1	7%
Piedmont	1	5%	0	0%	0	0%	1	0%	0	0%	0	0%	0	0%	0	0%	2	1%	0	0%	0	0%	0	0%
Richmond City	2	11%	2	29%	2	12%	38	13%	0	0%	0	0%	7	9%	3	10%	39	11%	0	0%	1	7%	0	0%
Southside	0	0%	0	0%	0	0%	2	1%	1	8%	0	0%	0	0%	1	3%	2	1%	1	7%	0	0%	0	0%
Eastern																								
Chesapeake	1	5%	1	14%	2	12%	11	4%	0	0%	0	0%	2	3%	0	0%	12	3%	1	7%	0	0%	1	7%
Eastern Shore	0	0%	0	0%	0	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Hampton	0	0%	1	14%	0	0%	17	6%	0	0%	0	0%	3	4%	0	0%	15	4%	0	0%	0	0%	0	0%
Norfolk	0	0%	0	0%	3	18%	22	8%	3	23%	2	29%	10	13%	15	48%	18	5%	0	0%	0	0%	0	0%
Peninsula	2	11%	0	0%	1	6%	25	9%	0	0%	1	14%	13	17%	1	3%	24	7%	1	7%	0	0%	0	0%
Portsmouth	2	11%	0	0%	2	12%	17	6%	0	0%	0	0%	4	5%	0	0%	6	2%	0	0%	0	0%	0	0%
Three Rivers	0	0%	0	0%	1	6%	0	0%	0	0%	0	0%	1	1%	0	0%	3	1%	0	0%	0	0%	0	0%
Virginia Beach	1	5%	0	0%	2	12%	24	8%	0	0%	1	14%	6	8%	1	3%	48	14%	3	20%	0	0%	1	7%
Western Tidewater	4	21%	0	0%	0	0%	6	2%	0	0%	1	14%	3	4%	1	3%	12	3%	0	0%	0	0%	0	0%
Northern																								
Alexandria	0	0%	0	0%	0	0%	8	3%	3	23%	0	0%	2	3%	1	3%	11	3%	0	0%	0	0%	0	0%
Arlington	2	11%	1	14%	0	0%	13	5%	1	8%	0	0%	0	0%	0	0%	29	8%	2	13%	1	7%	0	0%
Fairfax	0	0%	0	0%	0	0%	11	4%	1	8%	0	0%	4	5%	1	3%	25	7%	1	7%	0	0%	0	0%
Loudoun	0	0%	0	0%	0	0%	3	1%	0	0%	0	0%	1	1%	1	3%	5	1%	0	0%	0	0%	0	0%
Prince William	0	0%	0	0%	1	6%	9	3%	4	31%	0	0%	2	3%	0	0%	25	7%	0	0%	0	0%	0	0%
Northwest																								
Central Shenandoah	0	0%	1	14%	0	0%	5	2%	0	0%	0	0%	2	3%	1	3%	6	2%	1	7%	0	0%	0	0%
Lord Fairfax	0	0%	0	0%	0	0%	2	1%	0	0%	0	0%	0	0%	0	0%	1	0%	1	7%	0	0%	0	0%
Rappahannock	0	0%	0	0%	1	6%	7	2%	0	0%	0	0%	0	0%	0	0%	11	3%	0	0%	0	0%	0	0%
Rappahannock/ Rapidan	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0%	0	0%	0	0%	0	0%
Thomas Jefferson	0	0%	0	0%	0	0%	3	1%	0	0%	0	0%	0	0%	3	10%	2	1%	1	7%	0	0%	2	13%
Southwest																								
Alleghany	0	0%	0	0%	0	0%	2	1%	0	0%	2	29%	1	1%	0	0%	3	1%	1	7%	0	0%	0	0%
Central Virginia	0	0%	0	0%	0	0%	6	2%	0	0%	0	0%	2	3%	0	0%	5	1%	1	7%	0	0%	2	13%
Lenowisco	0	0%	0	0%	0	0%	2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Mount Rogers	0	0%	0	0%	0	0%	1	0%	0	0%	0	0%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%
New River	0	0%	0	0%	0	0%	3	1%	0	0%	0	0%	0	0%	0	0%	2	1%	0	0%	0	0%	0	0%
Pittsylvania/ Danville	0	0%	0	0%	0	0%	5	2%	0	0%	0	0%	0	0%	0	0%	7	2%	0	0%	0	0%	0	0%

Table 3Syph

Table 3Syph. Total Early Syphilis Diagnoses by Health District and Report Source, 2015

	Correctional facility		HD - Family Planning		HD - Other Clinic		HD - STD Clinic		Military		Private - Blood bank		Private - Emergency Room		Private - Hospital (Inpatient)		Private - MD/HMO		Unknown/Other		Private - Delivery or Prenatal		Private - Lab	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Roanoke City	1	5%	0	0%	0	0%	5	2%	0	0%	0	0%	3	4%	0	0%	7	2%	0	0%	0	0%	0	0%
West Piedmont	0	0%	0	0%	0	0%	1	0%	0	0%	0	0%	1	1%	1	3%	3	1%	0	0%	0	0%	0	0%

All data reported to the Virginia Department of Health as of March 08, 2016. Total early syphilis includes diagnoses of primary, secondary and early latent syphilis

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Table 4Syph. Total Early Syphilis Diagnoses by Health Region and City/County

		Diagnosed Cases of Total Early Syphilis										
Year of diagnosis:		2011	2012	2013	2014	2015	2011	2012	2013	2014	2015	5 year trend
		No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Central		129	154	161	144	198	9.4	11.1	11.5	10.2	14.0	
Amelia Co.		0	0	1	1	0	0.0	0.0	7.8	7.8	0.0	
Brunswick Co.		0	3	2	1	2	0.0	17.6	11.8	6.1	12.1	
Buckingham Co.		0	0	1	0	0	0.0	0.0	5.8	0.0	0.0	
Charles City Co.		0	1	0	0	1	0.0	14.0	0.0	0.0	14.2	
Charlotte Co.		0	0	1	1	0	0.0	0.0	8.1	8.2	0.0	
Chesterfield Co.		18	18	8	16	14	5.6	5.6	2.4	4.8	4.2	
Colonial Heights (city) Co.		0	0	1	2	1	0.0	0.0	5.7	11.3	5.6	
Cumberland Co.		0	0	0	0	1	0.0	0.0	0.0	0.0	10.2	
Dinwiddie Co.		0	1	2	3	3	0.0	3.6	7.2	10.8	10.8	
Emporia (city) Co.		0	0	0	0	3	0.0	0.0	0.0	0.0	54.9	
Goochland Co.		0	1	0	2	3	0.0	4.7	0.0	9.1	13.7	
Greensville Co.		1	1	0	0	2	8.3	8.4	0.0	0.0	17.1	
Halifax Co.		1	1	1	0	3	2.8	2.8	2.8	0.0	8.5	
Hanover Co.		3	1	6	4	0	3.0	1.0	5.9	3.9	0.0	
Henrico Co.		27	32	35	28	27	8.7	10.2	11.0	8.7	8.4	
Hopewell (city) Co.		1	2	3	3	9	4.4	8.9	13.5	13.5	40.5	
Mecklenburg Co.		0	1	1	1	2	0.0	3.1	3.2	3.2	6.4	
New Kent Co.		0	1	3	2	0	0.0	5.2	15.4	10.0	0.0	
Nottoway Co.		1	0	3	4	2	6.3	0.0	19.0	25.7	12.8	
Petersburg (city) Co.		4	7	12	8	16	12.4	21.9	36.9	24.5	48.9	
Powhatan Co.		0	1	0	0	0	0.0	3.6	0.0	0.0	0.0	
Prince Edward Co.		2	1	1	0	1	8.6	4.3	4.4	0.0	4.3	
Prince George Co.		2	2	5	3	8	5.5	5.4	13.4	8.0	21.4	
Richmond (city) Co.		69	79	74	64	95	33.6	37.6	34.6	29.4	43.6	
Sussex Co.		0	1	1	1	5	0.0	8.4	8.5	8.5	42.5	
Eastern		181	215	222	183	361	10.0	11.7	12.1	9.9	19.5	
Accomack Co.		0	0	2	1	1	0.0	0.0	6.0	3.0	3.0	
Chesapeake (city) Co.		20	17	18	21	32	8.9	7.4	7.8	9.0	13.7	
Essex Co.		1	2	0	2	0	8.9	17.8	0.0	18.0	0.0	
Franklin (city) Co.		2	0	0	1	0	23.3	0.0	0.0	11.7	0.0	
Gloucester Co.		1	0	0	3	0	2.7	0.0	0.0	8.1	0.0	
Hampton (city) Co.		20	21	22	18	37	14.7	15.3	16.1	13.2	27.0	
Isle of Wight Co.		0	1	3	6	6	0.0	2.8	8.4	16.7	16.7	
James City Co.		0	2	1	1	3	0.0	2.9	1.4	1.4	4.1	
King William Co.		1	3	0	1	0	6.3	18.8	0.0	6.2	0.0	
Lancaster Co.		2	0	2	1	2	17.7	0.0	17.9	9.1	18.1	
Mathews Co.		0	0	0	0	1	0.0	0.0	0.0	0.0	11.3	
Middlesex Co.		1	0	0	0	0	9.2	0.0	0.0	0.0	0.0	
Newport News (city) Co.		26	30	36	25	59	14.5	16.6	19.8	13.7	32.2	
Norfolk (city) Co.		48	53	55	31	74	19.8	21.6	22.3	12.6	30.2	
Northampton Co.		1	0	0	0	0	8.1	0.0	0.0	0.0	0.0	
Northumberland Co.		1	0	0	0	0	8.0	0.0	0.0	0.0	0.0	
Portsmouth (city) Co.		18	23	26	24	31	18.8	23.8	27.0	25.0	32.3	
Richmond Co.		1	0	1	0	1	10.8	0.0	11.2	0.0	11.2	
Southampton Co.		0	0	3	0	4	0.0	0.0	16.5	0.0	22.1	
Suffolk (city) Co.		4	6	8	6	17	4.7	7.0	9.3	6.9	19.6	
Virginia Beach (city) Co.		31	54	41	41	86	7.0	12.1	9.1	9.1	19.1	
Westmoreland Co.		1	0	0	0	1	5.7	0.0	0.0	0.0	5.7	
Williamsburg (city) Co.		0	2	2	0	1	0.0	13.2	13.2	0.0	6.8	
York Co.		2	1	2	1	5	3.0	1.5	3.0	1.5	7.5	

Table 4Syph

Table 4Syph. Total Early Syphilis Diagnoses by Health Region and City/County

Diagnosed Cases of Total Early Syphilis											
Year of diagnosis:	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015	5 year trend
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Northern	127	160	175	125	169	5.5	6.8	7.3	5.2	7.0	
Alexandria (city) Co.	38	28	26	15	25	26.3	19.1	17.5	10.0	16.6	
Arlington Co.	32	36	35	23	49	14.8	16.3	15.6	10.1	21.6	
Fairfax (city) Co.	1	0	0	0	0	4.4	0.0	0.0	0.0	0.0	
Fairfax Co.	31	59	63	38	43	2.8	5.3	5.6	3.3	3.8	
Falls Church (city) Co.	2	1	1	1	1	15.7	7.6	7.4	7.4	7.4	
Loudoun Co.	4	14	11	10	10	1.2	4.2	3.1	2.8	2.8	
Manassas (city) Co.	2	1	2	1	4	5.1	2.5	4.8	2.4	9.5	
Manassas Park (city) Co.	1	1	0	2	1	6.5	6.3	0.0	13.2	6.6	
Prince William Co.	16	20	37	35	36	3.8	4.6	8.4	7.8	8.1	
Northwest	35	36	38	39	51	2.8	2.8	3.0	3.0	3.9	
Albemarle Co.	2	3	3	2	2	2.0	2.9	2.9	1.9	1.9	
Augusta Co.	0	2	2	2	1	0.0	2.7	2.7	2.7	1.4	
Buena Vista (city) Co.	0	0	1	0	1	0.0	0.0	15.0	0.0	15.1	
Caroline Co.	0	3	0	0	0	0.0	10.4	0.0	0.0	0.0	
Charlottesville (city) Co.	5	2	6	3	8	11.5	4.6	13.5	6.6	17.5	
Culpeper Co.	1	0	0	0	1	2.1	0.0	0.0	0.0	2.0	
Fauquier Co.	0	0	0	1	0	0.0	0.0	0.0	1.5	0.0	
Fluvanna Co.	2	0	1	0	1	7.7	0.0	3.8	0.0	3.8	
Frederick Co.	1	0	1	0	0	1.3	0.0	1.2	0.0	0.0	
Fredericksburg (city) Co.	3	4	3	5	2	11.7	14.6	10.7	17.6	7.1	
Harrisonburg (city) Co.	2	3	3	5	7	4.0	5.9	5.8	9.5	13.3	
King George Co.	1	0	0	1	3	4.1	0.0	0.0	3.9	11.8	
Lexington (city) Co.	1	0	0	0	0	14.3	0.0	0.0	0.0	0.0	
Louisa Co.	3	2	1	2	0	9.0	6.0	2.9	5.8	0.0	
Orange Co.	0	1	0	1	0	0.0	2.9	0.0	2.9	0.0	
Page Co.	1	0	0	0	0	4.2	0.0	0.0	0.0	0.0	
Rockbridge Co.	0	1	0	0	1	0.0	4.5	0.0	0.0	4.5	
Rockingham Co.	2	0	1	2	4	2.6	0.0	1.3	2.6	5.1	
Spotsylvania Co.	8	5	9	6	10	6.4	4.0	7.1	4.6	7.7	
Stafford Co.	3	8	3	6	4	2.3	6.0	2.2	4.3	2.9	
Staunton (city) Co.	0	0	0	1	1	0.0	0.0	0.0	4.1	4.1	
Warren Co.	0	0	2	1	2	0.0	0.0	5.2	2.6	5.1	
Waynesboro (city) Co.	0	2	1	0	1	0.0	9.5	4.7	0.0	4.7	
Winchester (city) Co.	0	0	1	1	2	0.0	0.0	3.7	3.6	7.3	
Southwest	52	45	81	75	67	3.8	3.3	6.0	5.5	4.9	
Amherst Co.	0	1	8	1	1	0.0	3.1	24.9	3.1	3.1	
Appomattox Co.	2	1	2	7	0	13.3	6.6	13.1	45.8	0.0	
Bedford Co.	0	1	1	3	1	0.0	1.4	1.4	3.9	1.3	
Botetourt Co.	1	0	0	2	0	3.0	0.0	0.0	6.0	0.0	
Buchanan Co.	1	0	1	0	0	4.2	0.0	4.2	0.0	0.0	
Campbell Co.	2	0	13	6	3	3.6	0.0	23.5	10.9	5.5	
Danville (city) Co.	11	3	7	4	9	25.7	7.0	16.3	9.4	21.2	
Floyd Co.	0	1	0	0	0	0.0	6.5	0.0	0.0	0.0	
Franklin Co.	0	2	3	4	2	0.0	3.5	5.3	7.1	3.5	
Galax (city) Co.	0	1	0	1	0	0.0	14.5	0.0	14.3	0.0	
Giles Co.	0	0	0	0	2	0.0	0.0	0.0	0.0	11.9	
Grayson Co.	1	0	0	0	0	6.5	0.0	0.0	0.0	0.0	
Henry Co.	1	0	0	1	2	1.9	0.0	0.0	1.9	3.8	
Lee Co.	0	1	0	0	1	0.0	3.9	0.0	0.0	4.0	
Lynchburg (city) Co.	8	7	18	8	10	10.5	9.1	23.1	10.1	12.7	
Martinsville (city) Co.	0	1	0	0	2	0.0	7.3	0.0	0.0	14.6	

Table 4Syph

Table 4Syph. Total Early Syphilis Diagnoses by Health Region and City/County

Year of diagnosis:	Diagnosed Cases of Total Early Syphilis										5 year trend
	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015	
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	
Montgomery Co.	3	1	3	2	3	3.2	1.1	3.1	2.1	3.1	
Patrick Co.	1	0	0	0	0	5.4	0.0	0.0	0.0	0.0	
Pittsylvania Co.	2	1	6	5	3	3.2	1.6	9.6	8.0	4.8	
Pulaski Co.	1	0	1	2	0	2.9	0.0	2.9	5.8	0.0	
Radford (city) Co.	0	1	0	0	0	0.0	6.0	0.0	0.0	0.0	
Roanoke (city) Co.	8	16	12	14	16	8.3	16.4	12.2	14.1	16.1	
Roanoke Co.	4	4	2	10	3	4.3	4.3	2.1	10.7	3.2	
Salem (city) Co.	2	2	0	1	6	8.0	8.0	0.0	3.9	23.5	
Scott Co.	0	0	0	0	1	0.0	0.0	0.0	0.0	4.5	
Smyth Co.	1	0	0	1	1	3.1	0.0	0.0	3.2	3.2	
Tazewell Co.	1	0	0	0	0	2.2	0.0	0.0	0.0	0.0	
Washington Co.	1	1	1	2	1	1.8	1.8	1.8	3.7	1.8	
Wise Co.	0	0	3	1	0	0.0	0.0	7.4	2.5	0.0	
Wythe Co.	1	0	0	0	0	3.4	0.0	0.0	0.0	0.0	
VIRGINIA TOTAL	524	610	677	566	846	6.5	7.5	8.2	6.8	10.2	

All data reported to the Virginia Department of Health as of June 01, 2016. Total early syphilis includes diagnoses of primary, secondary and early latent syphilis. Rates for annual case counts less than 12 are considered unstable and should be interpreted with caution. Rates per 100,000 population.

Figure 9Syph. Rate of diagnosed total early syphilis cases by region and state, 2011-2015

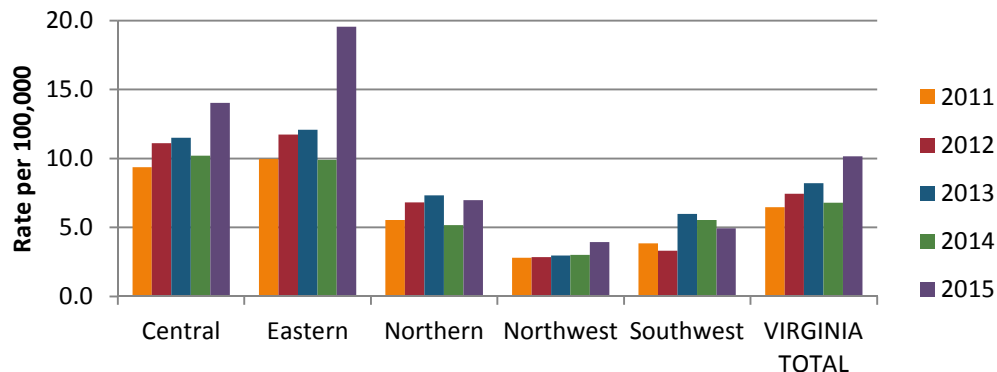
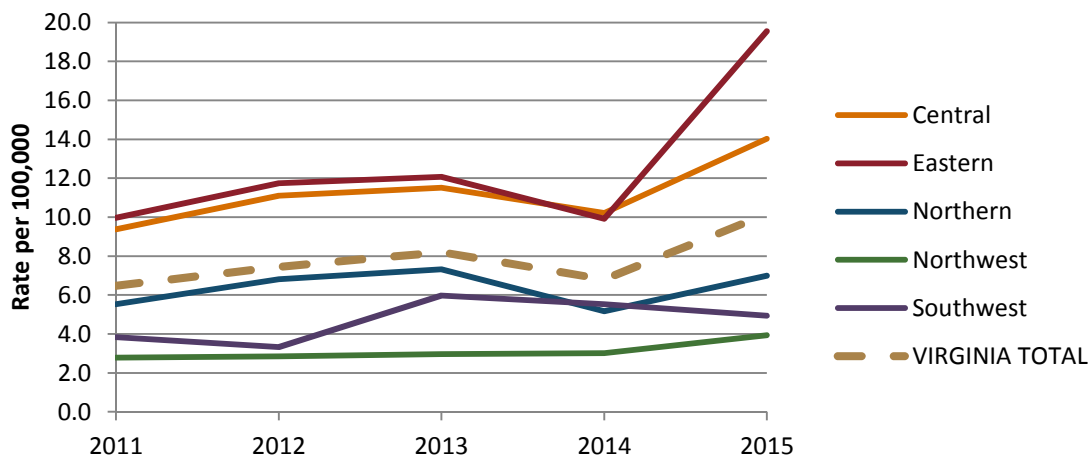


Figure 10Syph. Rate of total early syphilis diagnoses by region and state, 2011-2015



VIRGINIA STD SURVEILLANCE REPORT

Table 5Syph. Total Early Syphilis Diagnoses by Health District

Year of diagnosis:	Diagnosed Cases of Total Early Syphilis										5 Year Trend	% Change in 2015*
	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015		
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate		
Alexandria	38	28	26	15	25	26.3	19.1	17.5	10.0	16.6		-8.9%
Alleghany	7	6	2	13	9	3.9	3.4	1.1	7.3	5.0		28.2%
Arlington	32	36	35	23	49	14.8	16.3	15.6	10.1	21.6		52.1%
Central Shenandoah	5	8	8	10	16	1.7	2.8	2.7	3.4	5.5		104.9%
Central Virginia	12	10	42	25	15	4.7	3.9	16.4	9.7	5.8		-33.0%
Chesapeake	20	17	18	21	32	8.9	7.4	7.8	9.0	13.7		65.5%
Chesterfield	18	19	9	18	15	4.9	5.1	2.4	4.8	4.0		-8.0%
Chickahominy	3	4	9	8	4	2.0	2.7	6.0	5.3	2.7		-33.9%
Crater	8	14	23	18	46	5.1	9.0	14.8	11.6	29.5		192.2%
Cumberland Plateau	2	0	1	0	0	1.8	0.0	0.9	0.0	0.0		-100.0%
Eastern Shore	1	0	2	1	1	2.2	0.0	4.4	2.2	2.2		0.5%
Fairfax	34	60	64	39	44	3.0	5.2	5.5	3.3	3.7		-11.8%
Hampton	20	21	22	18	37	14.7	15.3	16.1	13.2	27.0		82.5%
Henrico	27	32	35	28	27	8.7	10.2	11.0	8.7	8.4		-13.0%
Lenowisco	0	1	3	1	2	0.0	1.1	3.2	1.1	2.2		61.9%
Lord Fairfax	2	0	4	2	4	0.9	0.0	1.8	0.9	1.7		97.8%
Loudoun	4	14	11	10	10	1.2	4.2	3.1	2.8	2.8		-2.4%
Mount Rogers	4	2	1	4	2	2.1	1.0	0.5	2.1	1.0		-26.9%
New River	4	3	4	4	5	2.2	1.7	2.2	2.2	2.8		32.0%
Norfolk	48	53	55	31	74	19.8	21.6	22.3	12.6	30.2		58.0%
Peninsula	28	35	41	27	68	8.2	10.2	11.8	7.7	19.5		105.2%
Piedmont	3	1	7	6	4	2.9	1.0	6.8	5.8	3.9		-5.5%
Pittsylvania/ Danville	13	4	13	9	12	12.3	3.8	12.3	8.6	11.4		23.7%
Portsmouth	18	23	26	24	31	18.8	23.8	27.0	25.0	32.3		36.4%
Prince William	19	22	39	38	41	4.0	4.5	7.9	7.5	8.1		36.1%
Rappahannock	15	20	15	18	19	4.5	5.9	4.3	5.1	5.4		9.0%
Rappahannock/ Rapidan	1	1	0	2	1	0.6	0.6	0.0	1.2	0.6		-1.2%
Richmond City	69	79	74	64	95	33.6	37.6	34.6	29.4	43.6		29.1%
Roanoke City	8	16	12	14	16	8.3	16.4	12.2	14.1	16.1		26.3%
Southside	1	5	4	2	7	1.2	5.9	4.8	2.4	8.4		136.9%
Thomas Jefferson	12	7	11	7	11	5.1	2.9	4.6	2.9	4.5		16.8%
Three Rivers	9	5	3	7	5	6.4	3.5	2.1	5.0	3.6		-16.5%
Virginia Beach	31	54	41	41	86	7.0	12.1	9.1	9.1	19.1		104.4%
West Piedmont	2	3	3	5	6	1.4	2.1	2.1	3.6	4.3		85.5%
Western Tidewater	6	7	14	13	27	4.1	4.7	9.4	8.7	18.1		168.0%
VIRGINIA TOTAL	524	610	677	566	846	6.5	7.5	8.2	6.8	10.2		40.5%

All data reported to the Virginia Department of Health as of June 01, 2016. Total early syphilis includes diagnoses of primary, secondary and early latent syphilis. Rates for annual case counts less than 12 are considered unstable and should be interpreted with caution. Rates per 100,000 population.

*Percent change calculated comparing 2015 rate versus 2011-2014 average annual rate.

VIRGINIA STD SURVEILLANCE REPORT

Table 6Syph. Total Early Syphilis Diagnoses by Health District Sorted by Rate

Year of diagnosis:	Diagnosed Cases of Total Early Syphilis										5 Year Trend	% Change
	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015		
	No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate		
Richmond City	69	79	74	64	95	33.6	37.6	34.6	29.4	43.6		29.1%
Portsmouth	18	23	26	24	31	18.8	23.8	27.0	25.0	32.3		36.4%
Norfolk	48	53	55	31	74	19.8	21.6	22.3	12.6	30.2		58.0%
Crater	8	14	23	18	46	5.1	9.0	14.8	11.6	29.5		192.2%
Hampton	20	21	22	18	37	14.7	15.3	16.1	13.2	27.0		82.5%
Arlington	32	36	35	23	49	14.8	16.3	15.6	10.1	21.6		52.1%
Peninsula	28	35	41	27	68	8.2	10.2	11.8	7.7	19.5		105.2%
Virginia Beach	31	54	41	41	86	7.0	12.1	9.1	9.1	19.1		104.4%
Western Tidewater	6	7	14	13	27	4.1	4.7	9.4	8.7	18.1		168.0%
Alexandria	38	28	26	15	25	26.3	19.1	17.5	10.0	16.6		-8.9%
Roanoke City	8	16	12	14	16	8.3	16.4	12.2	14.1	16.1		26.3%
Chesapeake	20	17	18	21	32	8.9	7.4	7.8	9.0	13.7		65.5%
Pittsylvania/ Danville	13	4	13	9	12	12.3	3.8	12.3	8.6	11.4		23.7%
VIRGINIA TOTAL	524	610	677	566	846	6.5	7.5	8.2	6.8	10.2		40.5%
Southside	1	5	4	2	7	1.2	5.9	4.8	2.4	8.4		136.9%
Henrico	27	32	35	28	27	8.7	10.2	11.0	8.7	8.4		-13.0%
Prince William	19	22	39	38	41	4.0	4.5	7.9	7.5	8.1		36.1%
Central Virginia	12	10	42	25	15	4.7	3.9	16.4	9.7	5.8		-33.0%
Central Shenandoah	5	8	8	10	16	1.7	2.8	2.7	3.4	5.5		104.9%
Rappahannock	15	20	15	18	19	4.5	5.9	4.3	5.1	5.4		9.0%
Alleghany	7	6	2	13	9	3.9	3.4	1.1	7.3	5.0		28.2%
Thomas Jefferson	12	7	11	7	11	5.1	2.9	4.6	2.9	4.5		16.8%
West Piedmont	2	3	3	5	6	1.4	2.1	2.1	3.6	4.3		85.5%
Chesterfield	18	19	9	18	15	4.9	5.1	2.4	4.8	4.0		-8.0%
Piedmont	3	1	7	6	4	2.9	1.0	6.8	5.8	3.9		-5.5%
Fairfax	34	60	64	39	44	3.0	5.2	5.5	3.3	3.7		-11.8%
Three Rivers	9	5	3	7	5	6.4	3.5	2.1	5.0	3.6		-16.5%
Loudoun	4	14	11	10	10	1.2	4.2	3.1	2.8	2.8		-2.4%
New River	4	3	4	4	5	2.2	1.7	2.2	2.2	2.8		32.0%
Chickahominy	3	4	9	8	4	2.0	2.7	6.0	5.3	2.7		-33.9%
Eastern Shore	1	0	2	1	1	2.2	0.0	4.4	2.2	2.2		0.5%
Lenowisco	0	1	3	1	2	0.0	1.1	3.2	1.1	2.2		61.9%
Lord Fairfax	2	0	4	2	4	0.9	0.0	1.8	0.9	1.7		97.8%
Mount Rogers	4	2	1	4	2	2.1	1.0	0.5	2.1	1.0		-26.9%
Rappahannock/ Rapidan	1	1	0	2	1	0.6	0.6	0.0	1.2	0.6		-1.2%
Cumberland Plateau	2	0	1	0	0	1.8	0.0	0.9	0.0	0.0		--

All data reported to the Virginia Department of Health as of June 01, 2016. Total early syphilis includes diagnoses of primary, secondary and early latent syphilis. Rates for annual case counts less than 12 are considered unstable and should be interpreted with caution. Rates per 100,000 population.

*Percent change calculated comparing 2015 rate versus 2011-2014 average annual rate.