

VIRGINIA STD SURVEILLANCE REPORT

Table 1P&S. New Primary & Secondary Syphilis Diagnoses

		Diagnosed Cases of Primary & Secondary Syphilis										
Year of diagnosis:		2011	2012	2013	2014	2015	2011	2012	2013	2014	2015	5 Year
		No.	No.	No.	No.	No.	Rate	Rate	Rate	Rate	Rate	Trend
Total		216	299	325	286	378	2.7	3.7	3.9	3.4	4.5	
Gender												
Male		199	280	301	273	352	5.0	7.0	7.4	6.7	8.6	
Female		17	19	24	13	25	0.4	0.5	0.6	0.3	0.6	
Unknown		0	0	0	0	1	--	--	--	--	--	--
Age at P&S Diagnosis												
<10		0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
10 - 14		0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
15 - 19		8	18	21	10	15	1.5	3.3	3.9	0.0	2.8	
20 - 24		56	72	73	58	76	9.6	12.1	12.1	9.6	12.6	
25 - 29		43	57	68	63	92	7.5	9.8	11.6	10.6	15.5	
30 - 34		29	49	44	38	61	5.3	8.7	7.6	6.5	10.5	
35 - 39		15	22	27	28	34	2.9	4.2	5.1	5.2	6.4	
40 - 44		25	28	29	22	18	4.4	4.9	5.1	4.0	3.2	
45 - 49		19	28	24	23	33	3.1	4.7	4.1	4.1	5.8	
50 - 54		15	15	26	20	20	2.5	4.3	4.3	3.3	3.3	
55 - 59		3	4	9	15	18	0.6	0.7	1.6	2.7	3.2	
60 - 64		1	4	1	6	6	0.2	0.9	0.2	1.3	1.3	
65+		2	2	3	3	5	0.2	0.2	0.3	0.3	0.4	
Race/Ethnicity												
Black, non-Hispanic		140	155	177	147	206	8.7	9.6	10.8	8.9	12.5	
White, non-Hispanic		62	120	124	112	126	1.2	2.2	2.3	2.1	2.4	
Hispanic (all races)		9	16	19	14	23	1.4	2.3	2.7	1.9	3.1	
Other		5	8	4	12	10	--	--	--	--	--	--
Unknown		0	0	1	1	13	--	--	--	--	--	--
Region												
Central		53	63	86	69	76	3.8	4.5	6.1	4.9	5.4	
Eastern		69	120	99	91	145	3.8	6.6	5.4	4.9	7.9	
Northern		62	71	80	68	95	2.7	3.0	3.3	2.8	3.9	
Northwest		17	19	23	19	23	1.4	1.5	1.8	1.5	1.8	
Southwest		15	26	37	39	39	1.1	1.9	2.7	2.9	2.9	
Behavioral Risk†												
Men who have sex with men		168	232	234	207	264	--	--	--	--	--	--
Other/ Unknown		48	67	91	79	114	--	--	--	--	--	--

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. Rates for annual case counts less than 12 are considered unstable and should be interpreted with caution. Rates per 100,000 population.

P&S: Primary & secondary syphilis; -- Rate unable to be calculated

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

Figure 1P&S. Rate of P&S syphilis diagnoses by race/ ethnicity, 2011-2015

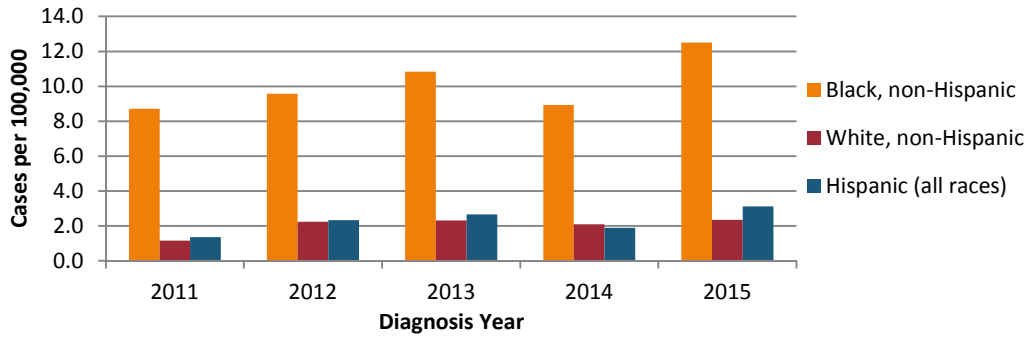


Figure 2P&S. Rate of P&S syphilis diagnoses by gender, 2011-2015

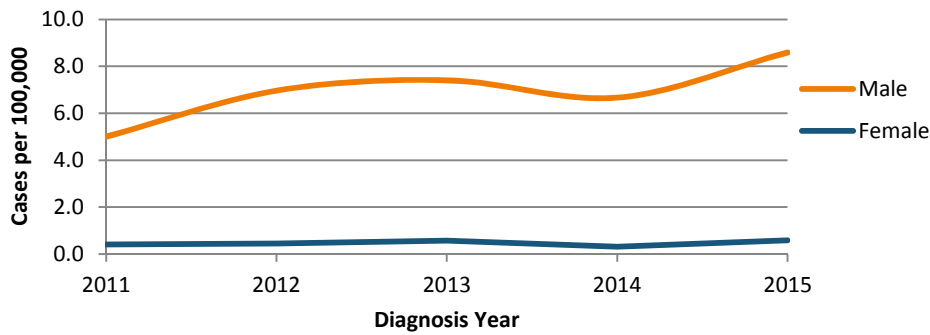
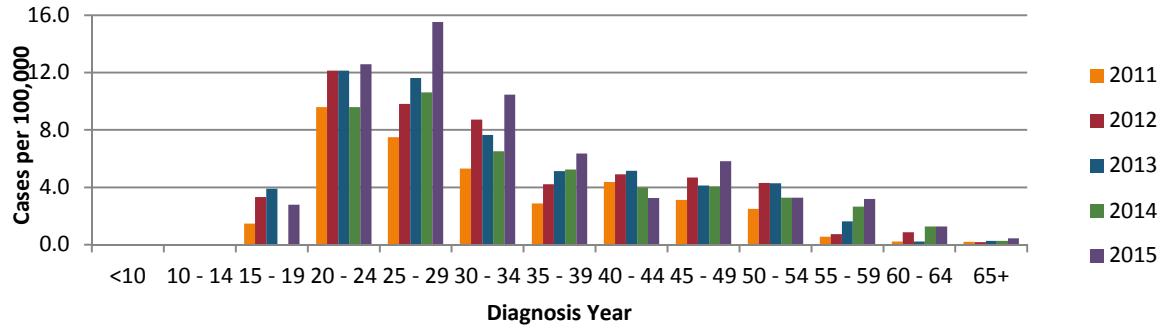


Figure 3P&S. Rate of P&S syphilis diagnoses by age, 2011-2015



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Table 2PS. Primary & Secondary Syphilis Diagnoses by Health District

Year of diagnosis:	Diagnosed Cases of Primary & Secondary 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	18	15	18	12	15	12.5	10.3	12.1	8.0	10.0		-6.9%
Alleghany	3	4	2	7	6	1.7	2.2	1.1	3.9	3.3		49.6%
Arlington	18	19	21	12	35	8.3	8.6	9.3	5.3	15.4		95.5%
Central Shenandoah	2	5	4	3	9	0.7	1.7	1.4	1.0	3.1		154.9%
Central Virginia	1	4	22	10	7	0.4	1.6	8.6	3.9	2.7		-24.7%
Chesapeake	7	8	6	9	13	3.1	3.5	2.6	3.9	5.6		70.5%
Chesterfield	6	9	4	10	6	1.6	2.4	1.1	2.6	1.6		-18.6%
Chickahominy	1	2	5	4	1	0.7	1.3	3.3	2.7	0.7		-66.9%
Crater	4	7	10	7	12	2.6	4.5	6.4	4.5	7.7		71.5%
Cumberland Plateau	0	0	1	0	0	0.0	0.0	0.9	0.0	0.0		-100.0%
Eastern Shore	1	0	2	1	0	2.2	0.0	4.4	2.2	0.0		-100.0%
Fairfax	13	26	23	21	21	1.1	2.3	2.0	1.8	1.8		-0.1%
Hampton	12	10	15	13	19	8.8	7.3	11.0	9.5	13.9		51.8%
Henrico	13	11	21	15	7	4.2	3.5	6.6	4.7	2.2		-54.1%
Lenowisco	0	1	2	1	1	0.0	1.1	2.2	1.1	1.1		1.1%
Lord Fairfax	2	0	4	2	2	0.9	0.0	1.8	0.9	0.9		-1.1%
Loudoun	2	4	3	8	4	0.6	1.2	0.9	2.2	1.1		-9.4%
Mount Rogers	1	2	0	2	1	0.5	1.0	0.0	1.0	0.5		-19.6%
New River	0	2	1	2	2	0.0	1.1	0.6	1.1	1.1		58.8%
Norfolk	11	36	29	17	42	4.5	14.6	11.8	6.9	17.1		80.7%
Peninsula	12	26	21	17	39	3.5	7.6	6.1	4.9	11.2		103.0%
Piedmont	0	0	5	2	2	0.0	0.0	4.8	1.9	1.9		14.4%
Pittsylvania/ Danville	5	2	2	3	6	4.7	1.9	1.9	2.9	5.7		101.2%
Portsmouth	7	14	8	11	12	7.3	14.5	8.3	11.5	12.5		20.2%
Prince William	11	7	15	15	20	2.3	1.4	3.0	3.0	4.0		62.8%
Rappahannock	8	9	7	10	4	2.4	2.6	2.0	2.8	1.1		-54.1%
Richmond City	29	34	39	29	45	14.1	16.2	18.2	13.3	20.7		33.7%
Roanoke City	4	9	7	11	10	4.1	9.2	7.1	11.1	10.1		27.5%
Southside	0	0	2	2	3	0.0	0.0	2.4	2.4	3.6		201.6%
Thomas Jefferson	5	5	8	4	8	2.1	2.1	3.3	1.6	3.3		43.0%
Three Rivers	3	3	0	4	1	2.1	2.1	0.0	2.8	0.7		-59.9%
Virginia Beach	13	19	13	13	12	2.9	4.3	2.9	2.9	2.7		-17.9%
West Piedmont	1	2	0	3	6	0.7	1.4	0.0	2.1	4.3		301.9%
Western Tidewater	3	4	5	6	7	2.0	2.7	3.4	4.0	4.7		54.4%
VIRGINIA TOTAL	216	299	325	286	378	2.7	3.7	3.9	3.4	4.5		32.6%

All data reported to the Virginia Department of Health as of June 01, 2016. 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.

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Table 3PS. Primary & Secondary Syphilis Diagnoses by Health District Sorted by Rate

Year of diagnosis:	Diagnosed Cases of Primary & Secondary 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		
Richmond City	29	34	39	29	45	14.1	16.2	18.2	13.3	20.7		33.7%
Norfolk	11	36	29	17	42	4.5	14.6	11.8	6.9	17.1		80.7%
Arlington	18	19	21	12	35	8.3	8.6	9.3	5.3	15.4		95.5%
Hampton	12	10	15	13	19	8.8	7.3	11.0	9.5	13.9		51.8%
Portsmouth	7	14	8	11	12	7.3	14.5	8.3	11.5	12.5		20.2%
Peninsula	12	26	21	17	39	3.5	7.6	6.1	4.9	11.2		103.0%
Roanoke City	4	9	7	11	10	4.1	9.2	7.1	11.1	10.1		27.5%
Alexandria	18	15	18	12	15	12.5	10.3	12.1	8.0	10.0		-6.9%
Crater	4	7	10	7	12	2.6	4.5	6.4	4.5	7.7		71.5%
Pittsylvania/ Danville	5	2	2	3	6	4.7	1.9	1.9	2.9	5.7		101.2%
Chesapeake	7	8	6	9	13	3.1	3.5	2.6	3.9	5.6		70.5%
Western Tidewater	3	4	5	6	7	2.0	2.7	3.4	4.0	4.7		54.4%
VIRGINIA TOTAL	216	299	325	286	378	2.7	3.7	3.9	3.4	4.5		32.6%
West Piedmont	1	2	0	3	6	0.7	1.4	0.0	2.1	4.3		301.9%
Prince William	11	7	15	15	20	2.3	1.4	3.0	3.0	4.0		62.8%
Southside	0	0	2	2	3	0.0	0.0	2.4	2.4	3.6		201.6%
Alleghany	3	4	2	7	6	1.7	2.2	1.1	3.9	3.3		49.6%
Thomas Jefferson	5	5	8	4	8	2.1	2.1	3.3	1.6	3.3		43.0%
Central Shenandoah	2	5	4	3	9	0.7	1.7	1.4	1.0	3.1		154.9%
Central Virginia	1	4	22	10	7	0.4	1.6	8.6	3.9	2.7		-24.7%
Virginia Beach	13	19	13	13	12	2.9	4.3	2.9	2.9	2.7		-17.9%
Henrico	13	11	21	15	7	4.2	3.5	6.6	4.7	2.2		-54.1%
Piedmont	0	0	5	2	2	0.0	0.0	4.8	1.9	1.9		14.4%
Fairfax	13	26	23	21	21	1.1	2.3	2.0	1.8	1.8		-0.1%
Chesterfield	6	9	4	10	6	1.6	2.4	1.1	2.6	1.6		-18.6%
Rappahannock	8	9	7	10	4	2.4	2.6	2.0	2.8	1.1		-54.1%
Loudoun	2	4	3	8	4	0.6	1.2	0.9	2.2	1.1		-9.4%
New River	0	2	1	2	2	0.0	1.1	0.6	1.1	1.1		58.8%
Lenowisco	0	1	2	1	1	0.0	1.1	2.2	1.1	1.1		1.1%
Lord Fairfax	2	0	4	2	2	0.9	0.0	1.8	0.9	0.9		-1.1%
Three Rivers	3	3	0	4	1	2.1	2.1	0.0	2.8	0.7		-59.9%
Chickahominy	1	2	5	4	1	0.7	1.3	3.3	2.7	0.7		-66.9%
Mount Rogers	1	2	0	2	1	0.5	1.0	0.0	1.0	0.5		-19.6%
Cumberland Plateau	0	0	1	0	0	0.0	0.0	0.9	0.0	0.0		-100.0%
Eastern Shore	1	0	2	1	0	2.2	0.0	4.4	2.2	0.0		-100.0%
Rappahannock/ Rapidan	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0		--

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