



2015 Sexually Transmitted Diseases

Erie County, PA

Chlamydia		2014		2015		2014	2015	% Rate Change
		# Cases*	% of Total	# Cases*	% of Total	Rate	Rate	
Erie County	Total	1,398		1,245		501.2	447.8	-10.7
	Male	367	26.3	395	31.7	266.8	287.9	7.9
	Female	1,030	73.7	850	68.3	728.5	603.6	-17.1
	White, non-Hispanic	582	41.6	530	42.6	244.6	224.3	-8.3
	Black, non-Hispanic	396	28.3	415	33.3	1,981.1	2,064.2	4.2
	Hispanic	49	3.5	51	4.1	449.7	458.8	2.0
	<15 yrs	19	1.4	13	1.0	37.8	26.1	-30.8
	15-19	439	31.4	304	24.4	2,189.7	1,531.7	-30.1
	20-24 yrs	575	41.1	529	42.5	2,797.9	2,691.7	-3.8
	25-29 yrs	199	14.2	241	19.4	1,033.6	1,217.9	17.8
	30-34 yrs	96	6.9	91	7.3	570.9	539.7	-5.5
	35+ yrs	70	5.0	67	5.4	46.1	44.0	-4.4
	Pennsylvania [^]	Total	50,536		53,460		395.0	417.6
United States [^]	Total	1,441,789		NA		452.1	NA	NA

Gonorrhea		2014		2015		2014	2015	% Rate Change
		# Cases*	% of Total	# Cases*	% of Total	Rate	Rate	
Erie County	Total	411		458		147.3	164.7	11.8
	Male	146	35.5	190	41.5	106.2	138.5	30.4
	Female	265	64.5	268	58.5	187.4	190.3	1.5
	White, non-Hispanic	105	25.5	167	36.5	44.1	70.7	60.1
	Black, non-Hispanic	214	52.1	135	29.5	1,070.6	671.5	-37.3
	Hispanic	17	4.1	12	2.6	156.0	107.9	-30.8
	<15 yrs	7	1.7	5	1.1	13.9	10.0	-27.8
	15-19 yrs	80	19.5	93	20.3	399.0	468.6	17.4
	20-24 yrs	153	37.2	171	37.3	744.5	870.1	16.9
	25-29 yrs	83	20.2	97	21.2	431.1	490.2	13.7
	30-34 yrs	39	9.5	35	7.6	231.9	207.6	-10.5
	35+ yrs	49	11.9	57	12.4	32.2	37.5	16.2
	Pennsylvania [^]	Total	12,710		12,791		99.3	99.9
United States [^]	Total	350,062		NA		109.8	NA	NA

Syphilis		2013		2014		2015	
		# Cases*	Rate	# Cases*	Rate	# Cases*	Rate
Erie County	All Syphilis	17	6.1	38	13.6	57	20.5
	Primary	2	0.7	7	2.5	13	4.7
	Secondary	6	2.1	8	2.9	13	4.7
	Primary & Secondary	8	2.9	15	5.4	26	9.4
	Early Latent [^]	7	2.5	11	3.9	17	6.1
	Late Latent [^]	1	0.4	11	3.9	14	5.0
	Congenital ^{**^}	0	0.0	1	ND	0	0.0
	Unknown/Other [^]	1	0.4	0	0.0	0	0.0
Pennsylvania [^]	All Syphilis	1,485	11.6	1,537	12.0	1,781	13.9
	Primary	119	0.9	159	1.2	182	1.4
	Secondary	352	2.8	373	2.9	473	3.7
	Primary & Secondary	471	3.7	532	4.2	655	5.1
	Early Latent	581	4.5	641	5.0	770	6.0
	Late Latent	367	2.9	346	2.7	340	2.7
	Congenital ^{**}	2	1.4	5	3.5	NA	NA
	Unknown/Other	64	0.5	13	0.1	16	0.1
United States [^]	All Syphilis	56,471	17.9	63,450	19.9	NA	NA
	Primary & Secondary	17,375	5.5	19,999	6.3	NA	NA
	Early Latent	16,929	5.4	19,452	6.1	NA	NA
	Late & Late Latent	21,819	6.9	23,541	7.4	NA	NA
	Congenital ^{**}	348	8.5	458	11.5	NA	NA

Red indicates significant difference from previous year; Significance testing done for Erie County only

NA = Not available; ND = Not displayed

[^]Not tested for significance

*Numbers less than 20 provide statistically unreliable rates; ND: Not displayed; NA: Not available

**Congenital syphilis rates include all cases of congenitally acquired syphilis per 100,000 live births; Congenital syphilis is acquired in utero and is present at birth in a child born to a mother with syphilis

Crude rate equals number of cases per 100,000 population; Significance based on a 95% confidence interval

Early syphilis includes primary, secondary, and early latent syphilis cases

Total includes unknown gender, race, and age; Hispanic origin can be of any race; There may be multiple diseases in one person; Some individuals may become infected more than once

Case counts for the United States do not include dependent areas

Case counts are reported by MMWR year

Current year populations used for Erie County, PA, and U.S. rate calculations. For Erie County, previous year population used before 2012. For U.S., previous year population used from 2006 to 2011.

Source of Data: Final Reports of Nationally Notifiable Infectious Diseases (CDC); Pennsylvania Department of Health EpiQMS; Pennsylvania Department of Health Vital Statistics;

Pennsylvania Department of Health National Electronic Disease Surveillance System (PA NEDSS); Erie County Department of Health; U.S. Census, Population Estimates; Births: Preliminary Data for 2015 (CDC)