



2016 Sexually Transmitted Diseases

Erie County, PA

Chlamydia		2015		2016		2015	2016	% Rate Change
		# Cases*	% of Total	# Cases*	% of Total	Rate	Rate	
Erie County	Total	1,245		1,033		447.8	374.0	-16.5
	Male	395	31.7	338	32.7	287.9	247.6	-14.0
	Female	850	68.3	695	67.3	603.6	497.5	-17.6
	White, non-Hispanic	530	42.6	436	42.2	224.3	175.1	-21.9
	Black, non-Hispanic	415	33.3	362	35.0	2,064.2	1,399.7	-32.2
	Hispanic	51	4.1	45	4.4	458.8	425.7	-7.2
	<15 yrs	13	1.0	18	1.7	26.1	36.7	40.4
	15-19	304	24.4	378	36.6	1,531.7	1,904.4	24.3
	20-24 yrs	529	42.5	311	30.1	2,691.7	1,636.2	-39.2
	25-29 yrs	241	19.4	186	18.0	1,217.9	942.5	-22.6
	30-34 yrs	91	7.3	73	7.1	539.7	431.0	-20.1
	35+ yrs	67	5.4	67	6.5	44.0	44.2	0.3
	Pennsylvania [^]	Total	53,460		56,939		417.6	445.4
United States [^]	Total	1,526,658		1,598,354		475.0	497.3	4.7

Gonorrhea		2015		2016		2015	2016	% Rate Change
		# Cases*	% of Total	# Cases*	% of Total	Rate	Rate	
Erie County	Total	458		298		164.7	107.9	-34.5
	Male	190	41.5	144	48.3	138.5	105.5	-23.8
	Female	268	58.5	154	51.7	190.3	110.2	-42.1
	White, non-Hispanic	167	36.5	105	35.2	70.7	42.2	-40.3
	Black, non-Hispanic	135	29.5	156	52.3	671.5	603.2	-10.2
	Hispanic	12	2.6	10	3.4	107.9	94.6	-12.4
	<15 yrs	5	1.1	9	3.0	10.0	18.3	82.5
	15-19 yrs	93	20.3	84	28.2	468.6	423.2	-9.7
	20-24 yrs	171	37.3	74	24.8	870.1	389.3	-55.3
	25-29 yrs	97	21.2	64	21.5	490.2	324.3	-33.8
	30-34 yrs	35	7.6	27	9.1	207.6	159.4	-23.2
	35+ yrs	57	12.4	40	13.4	37.5	26.4	-29.6
	Pennsylvania [^]	Total	12,791		14,608		99.9	114.3
United States [^]	Total	395,216		468,514		123.0	145.8	18.6

Syphilis		2014		2015		2016	
		# Cases*	Rate	# Cases*	Rate	# Cases*	Rate
Erie County	All Syphilis	38	13.6	57	20.5	31	11.2
	Primary	7	2.5	13	4.7	2	0.7
	Secondary	8	2.9	13	4.7	4	1.4
	Primary & Secondary	15	5.4	26	9.4	6	2.2
	Early Latent [^]	11	3.9	17	6.1	13	4.7
	Late Latent [^]	11	3.9	14	5.0	12	4.3
	Congenital ^{**}	1	ND	0	0.0	0	0.0
	Unknown/Other [^]	0	0.0	0	0.0	0	0.0
Pennsylvania [^]	All Syphilis	1,537	12.0	1,788	14.0	2,037	15.9
	Primary	159	1.2	182	1.4	209	1.6
	Secondary	373	2.9	473	3.7	545	4.3
	Primary & Secondary	532	4.2	655	5.1	754	5.9
	Early Latent	641	5.0	770	6.0	982	7.7
	Late Latent	346	2.7	340	2.7	285	2.2
	Congenital ^{**}	5	3.5	7	5.0	5	3.5
	Unknown/Other	13	0.1	16	0.1	NA	NA
United States [^]	All Syphilis	63,450	19.9	74,702	23.2	88,042	27.2
	Primary & Secondary	19,999	6.3	23,872	7.4	27,814	8.6
	Early Latent	19,452	6.1	24,173	7.5	28,924	8.9
	Late & Late Latent	23,541	7.4	26,170	8.1	30,676	9.5
	Congenital ^{**}	458	11.5	487	12.2	628	15.7

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: Sexually Transmitted Disease Surveillance, 2016 (CDC); Pennsylvania Department of Health, EDDIE; Pennsylvania Department of Health National Electronic Disease Surveillance System (PA NEDSS);

Erie County Department of Health; U.S. Census, Population Estimates;