

2011 Sexually Transmitted Diseases

Erie County, PA

Chlamydia		2010		2011		2010	2011	% Rate Change
		# Cases*	% of Total	# Cases*	% of Total	Rate	Rate	
Erie County	Total	1,152		1,332		411.0	474.8	15.5
	Male	342	29.7	433	32.5	248.4	313.9	26.4
	Female	810	70.3	899	67.5	568.0	630.4	11.0
	White	566	49.1	642	48.2	222.0	259.3	16.8
	Black	364	31.6	436	32.7	1,952.4	2,163.2	10.8
	Hispanic	56	4.9	51	3.8	650.2	535.8	-17.6
	<15 yrs	12	1.0	16	1.2	23.4	30.9	32.0
	15-19 yrs	424	36.8	447	33.6	1,944.0	2,004.0	3.1
	20-24 yrs	455	39.5	577	43.3	2,291.0	2,581.8	12.7
	25-29 yrs	147	12.8	167	12.5	773.9	970.4	25.4
	30-34 yrs	69	6.0	69	5.2	399.0	445.3	11.6
	35+ yrs	45	3.9	56	4.2	29.8	37.0	24.1
	Pennsylvania [^]	Total	47,518		52,884		373.9	415.0
United States [^]	Total	1,307,893		1,412,791		426.0	457.6	7.4

Gonorrhea		2010		2011		2010	2011	% Rate Change
		# Cases*	% of Total	# Cases*	% of Total	Rate	Rate	
Erie County	Total	170		268		60.7	95.5	57.5
	Male	70	41.2	90	33.6	50.8	65.2	28.3
	Female	100	58.8	178	66.4	70.1	124.8	78.0
	White	71	41.8	112	41.8	27.9	45.2	62.4
	Black	69	40.6	117	43.7	370.1	580.5	56.9
	Hispanic	8	4.7	11	4.1	92.9	115.6	24.4
	<15 yrs	0	0.0	3	1.1	0.0	5.8	ND
	15-19 yrs	34	20.0	59	22.0	155.9	264.5	69.7
	20-24 yrs	55	32.4	111	41.4	276.9	496.7	79.3
	25-29 yrs	40	23.5	45	16.8	210.6	261.5	24.2
	30-34 yrs	16	9.4	24	9.0	92.5	154.9	67.4
	35+ yrs	25	14.7	26	9.7	16.6	17.2	3.7
	Pennsylvania [^]	Total	12,883		13,770		101.4	108.1
United States [^]	Total	309,341		321,849		100.8	104.2	3.4

Syphilis		2009		2010		2011	
		# Cases*	Rate	# Cases*	Rate	# Cases*	Rate
Erie County	All Syphilis	6	2.1	8	2.9	7	2.5
	Primary	1	0.4	0	0	3	1.1
	Secondary	0	0.0	4	1.4	2	0.7
	Primary & Secondary	1	0.4	4	1.4	5	1.8
	Early Latent [^]	0	0.0	2	0.7	2	0.7
	Late Latent [^]	4	1.4	1	0.4	0	0.0
	Congenital ^{**^}	0	0.0	1	ND	0	0.0
	Unknown/Other [^]	1	0.4	0	0.0	0	0.0
Pennsylvania [^]	All Syphilis	1,027	8.1	1,006	7.9	1,125	8.8
	Primary	84	0.7	88	0.7	90	0.7
	Secondary	257	2.0	281	2.2	283	2.2
	Primary & Secondary	341	2.7	369	2.9	373	2.9
	Early Latent	361	2.9	355	2.8	412	3.2
	Late Latent	282	2.2	257	2.0	300	2.4
	Congenital ^{**}	4	2.7	2	1.4	5	3.6
	Unknown/Other	39	0.3	23	0.2	35	0.3
United States [^]	All Syphilis	44,828	14.7	45,834	14.9	46,042	14.9
	Primary & Secondary	13,997	4.6	13,774	4.5	13,970	4.5
	Early Latent	13,066	4.3	13,604	4.4	13,136	4.3
	Late & Late Latent	17,338	5.7	18,079	5.9	18,576	6.0
	Congenital ^{**}	429	10.1	387	9.1	360	8.5

Red indicates significant difference from previous year

ND = Not displayed

[^]Not tested for significance

*Numbers less than 20 provide statistically unreliable rates

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

**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

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

Previous year population used for Erie County and U.S. rate calculations; Current year population used for PA rate calculations; Current year population used for U.S. rate calculations before 2006

Source of Data: 2011 Sexually Transmitted Disease Surveillance (CDC); Final 2011 Reports of Nationally Notifiable Infectious Diseases (CDC); Pennsylvania Department of Health; Erie County Department of Health;

Pennsylvania Department of Health National Electronic Disease Surveillance System (PA NEDSS)