

## 2010 Sexually Transmitted Diseases

### Erie County, PA

Chlamydia		2009		2010		2009	2010	% Rate Change
		# Cases*	% of Total	# Cases*	% of Total	Rate	Rate	
Erie County	Total	1,089		1,152		389.4	411.0	5.5
	Male	340	31.2	342	29.7	247.7	248.4	0.3
	Female	749	68.8	810	70.3	526.0	568.0	8.0
	White	490	45.0	566	49.1	192.5	222.0	15.3
	Black	375	34.4	364	31.6	2,017.2	1,952.4	-3.2
	Hispanic	50	4.6	56	4.9	608.6	650.2	6.8
	<15 yrs	18	1.7	12	1.0	34.8	23.4	-32.8
	15-19 yrs	426	39.1	424	36.8	1,941.5	1,944.0	0.1
	20-24 yrs	390	35.8	455	39.5	1,986.5	2,291.0	15.3
	25-29 yrs	160	14.7	147	12.8	813.1	773.9	-4.8
	30-34 yrs	52	4.8	69	6.0	323.7	399.0	23.2
	35+ yrs	42	3.9	45	3.9	27.9	29.8	6.9
	Pennsylvania^	Total	43,068		47,518		341.7	373.9
United States^	Total	1,244,180		1,307,893		409.2	426.0	4.1

Gonorrhea		2009		2010		2009	2010	% Rate Change
		# Cases*	% of Total	# Cases*	% of Total	Rate	Rate	
Erie County	Total	229		170		81.9	60.7	-25.9
	Male	87	38.0	70	41.2	63.4	50.8	-19.8
	Female	142	62.0	100	58.8	99.7	70.1	-29.7
	White	70	30.6	71	41.8	27.5	27.9	1.3
	Black	122	53.3	69	40.6	656.3	370.1	-43.6
	Hispanic	12	5.2	8	4.7	146.1	92.9	-36.4
	<15 yrs	3	1.3	0	0.0	5.8	0.0	-100.0
	15-19 yrs	74	32.3	34	20.0	337.3	155.9	-53.8
	20-24 yrs	78	34.1	55	32.4	397.3	276.9	-30.3
	25-29 yrs	25	10.9	40	23.5	127.0	210.6	65.8
	30-34 yrs	24	10.5	16	9.4	149.4	92.5	-38.1
	35+ yrs	25	10.9	25	14.7	16.6	16.6	-0.2
	Pennsylvania^	Total	10,138		12,883		80.4	101.4
United States^	Total	301,174		309,341		99.1	100.8	1.7

Syphilis		2008		2009		2010	
		# Cases*	Rate	# Cases*	Rate	# Cases*	Rate
Erie County	All Syphilis	2	0.7	6	2.1	8	2.9
	Primary	0	0	1	0.4	0	0
	Secondary	1	0.4	0	0	4	1
	Primary & Secondary	1	0.4	1	0.4	4	1.4
	Early Latent^	0	0	0	0	2	0.7
	Late Latent^	1	0.4	4	1.4	1	0.4
	Congenital**	0	0	0	0	1	ND*
	Unknown/Other^	0	0	1	0.4	0	0
Pennsylvania^	All Syphilis	903	7.3	1,027	8.1	1,006	7.9
	Primary	71	0.6	84	0.7	88	0.7
	Secondary	201	1.6	257	2.0	281	2.2
	Primary & Secondary	272	2.2	341	2.7	369	2.9
	Early Latent	309	2.5	361	2.9	355	2.8
	Late Latent	287	2.3	282	2.2	257	2.0
	Congenital**	9	6.1	4	2.7	2	1.4
	Unknown/Other	26	0.2	39	0.3	23	0.2
United States^	All Syphilis	46,277	15.3	44,828	14.7	45,834	14.9
	Primary & Secondary	13,500	4.5	13,997	4.6	13,774	4.5
	Early Latent	12,401	4.1	13,066	4.3	13,604	4.4
	Late & Late Latent	19,945	6.6	17,338	5.7	18,079	5.9
	Congenital**	431	10.5	429	9.9	377	8.7

Red indicates significant difference from previous year

^Not tested for significance

\*Numbers less than 20 provide statistically unreliable rates

Crude rate equals number of cases per 100,000 population; 95% Confidence Interval used

\*\*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

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. calculations; Current year population used for PA calculations; Current year population used for U.S. calculations from 2000-2005

U.S. Census Bureau, Intercensal Population Estimates used for Erie County and PA; U.S. Census Bureau, Vintage Postcensal Series Population Estimates used for U.S.; U.S. Census Bureau, Census 2010 Population used for PA 2010 rate

Source of Data: CDC STD Surveillance and Statistics, 2010; Final 2010 Reports of Nationally Notifiable Infectious Diseases; Pennsylvania Department of Health; Erie County Department of Health;

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