

Sexually Transmitted Diseases

Sexually Transmitted Diseases by Census Tract

2004-2008

Erie County, PA

ERIE COUNTY DEPARTMENT OF HEALTH

Public Health Preparedness Division



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PREPAREDNESS
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*Sexually Transmitted Diseases by Census Tract
2004-2008
Erie County, PA*

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*"Our mission is to preserve, promote, and protect
the health, safety and well being of the people and the environment in Erie County."*

INTRODUCTION

Since 2000, there has been a steady increase in the incidence of sexually transmitted diseases (chlamydia, gonorrhea, and syphilis) in Erie County. This has been fueled by significant increases in both chlamydia and gonorrhea.

In 2000, the incidence rate per 100,000 for these three combined sexually transmitted diseases (STD) was lower for Erie County compared to Pennsylvania. Currently, the Erie County incidence rate is higher.

When considering public health interventions for disease control, it is helpful to focus on areas where disease incidence is high. This publication provides case counts, five year average annual incidence rates, and maps for sexually transmitted diseases by census tract for years 2004-2008.

STD case counts are from PA-NEDSS (Pennsylvania's National Electronic Disease Surveillance System) and the Erie County Department of Health, census tract population counts are from the U.S. Census Bureau, Census 2000, and maps were produced using ArcGIS desktop software from ESRI.

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**STD Case Counts and Rates by Census Tract
Erie County, PA 2004-2008**

Census Tract	2000 [^] Population	5 Year Population	2004-2008	
			STD Cases*	STD Case Rate**
1	2,481	12,405	76	612.7
2	4,133	20,665	30	145.2
3	3,610	18,050	279	1,545.7
4	2,909	14,545	207	1,423.2
5	3,225	16,125	199	1,234.1
6	3,283	16,415	154	938.2
7	2,983	14,915	294	1,971.2
8	3,441	17,205	332	1,929.7
9	4,948	24,740	199	804.4
10	3,519	17,595	135	767.3
11	2,832	14,160	78	550.8
12	2,728	13,640	213	1,561.6
13	1,830	9,150	208	2,273.2
14	1,804	9,020	146	1,618.6
15	2,794	13,970	223	1,596.3
16	4,267	21,335	164	768.7
17	3,024	15,120	262	1,732.8
18	2,576	12,880	297	2,305.9
19	2,204	11,020	69	626.1
20	3,536	17,680	109	616.5
21	3,755	18,775	34	181.1
22	3,968	19,840	69	347.8
23	2,771	13,855	50	360.9
24	3,319	16,595	94	566.4
25	2,561	12,805	118	921.5
26	4,389	21,945	146	665.3
27	6,854	34,270	112	326.8
28	6,810	34,050	87	255.5
29	2,916	14,580	19	130.3
30	4,218	21,090	62	294.0
101.01	3,378	16,890	8	47.4
101.03	2,010	10,050	9	89.6
101.04	2,400	12,000	6	50.0
101.07	1,607	8,035	11	136.9
101.09	1,898	9,490	n/a	n/a
102.01	5,975	29,875	61	204.2
102.02	5,607	28,035	33	117.7

Census Tract	2000 [^] Population	5 Year Population	2004-2008	
			STD Cases*	STD Case Rate**
103.01	5,008	25,040	30	119.8
103.03	5,269	26,345	22	83.5
103.04	4,871	24,355	23	94.4
104	5,170	25,850	25	96.7
105	4,760	23,800	61	256.3
106	1,547	7,735	14	181.0
107	4,163	20,815	23	110.5
108	3,700	18,500	15	81.1
109.02	4,451	22,255	21	94.4
109.03	6,237	31,185	44	141.1
109.04	3,289	16,445	12	73.0
110.01	6,753	33,765	69	204.4
110.02	3,707	18,535	27	145.7
111.01	4,900	24,500	36	146.9
111.02	3,481	17,405	19	109.2
112.01	4,768	23,840	24	100.7
112.02	5,529	27,645	31	112.1
113	3,617	18,085	37	204.6
114	4,048	20,240	45	222.3
115.03	3,851	19,255	35	181.8
115.04	4,776	23,880	50	209.4
115.05	2,778	13,890	13	93.6
115.07	2,845	14,225	17	119.5
115.08	928	4,640	28	603.4
116	4,601	23,005	39	169.5
117.01	2,962	14,810	21	141.8
117.02	6,649	33,245	35	105.3
118.01	2,655	13,275	15	113.0
118.02	3,363	16,815	8	47.6
119	6,834	34,170	70	204.9
120.01	2,803	14,015	13	92.8
120.02	3,463	17,315	46	265.7
121	7,419	37,095	38	102.4
122.01	6,135	30,675	47	153.2
122.02	6,950	34,750	120	345.3
No Data Reported	--	--	528	--
Unknown	--	--	39	--

	2000 Population	5 Year Population	2004-2008	
			Total STD Cases	Total Case Rate
Erie County	280,843	1,404,215	6,333	451.0
PA				415.5

*Chlamydia, gonorrhea, and syphilis cases

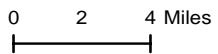
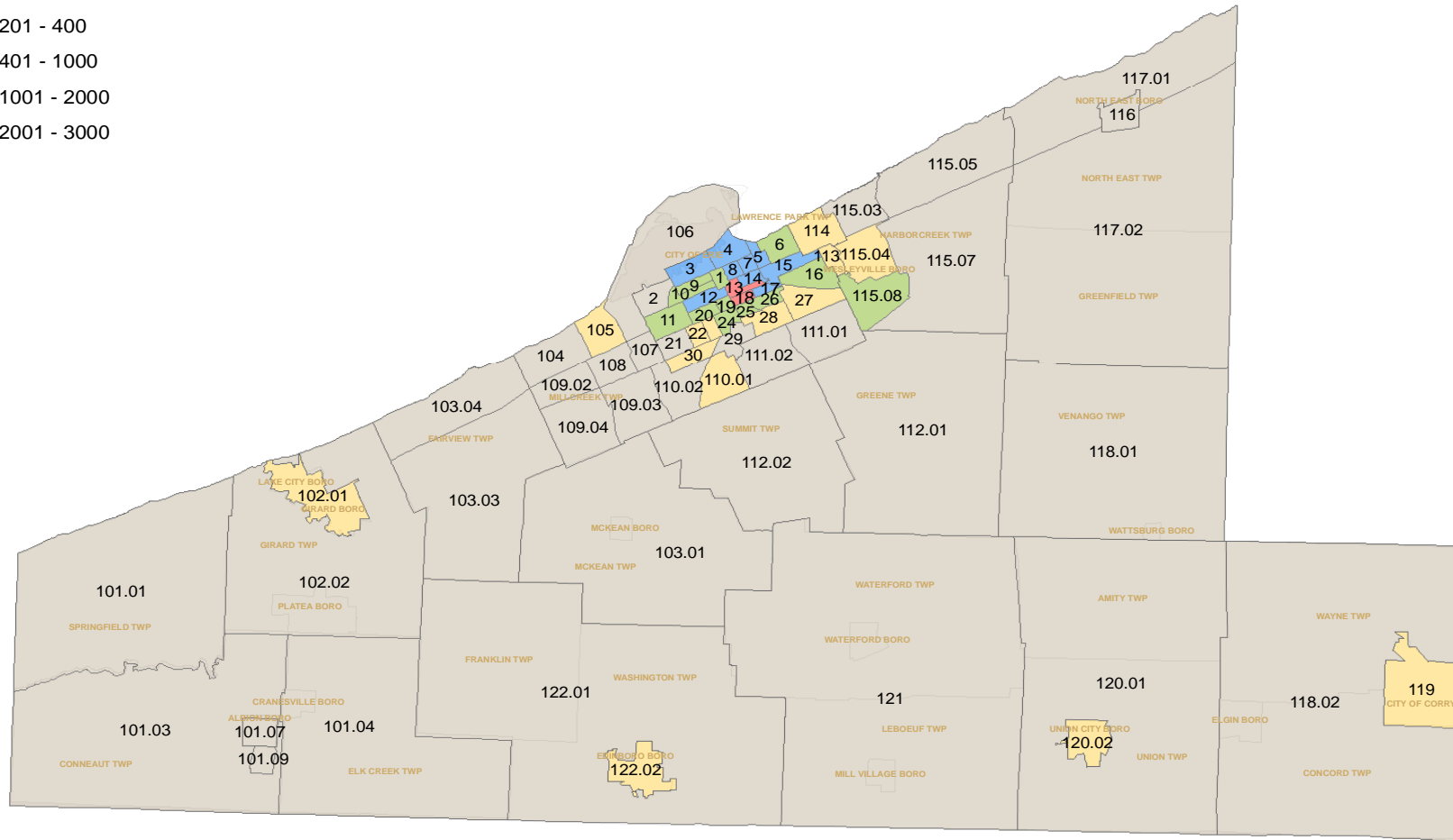
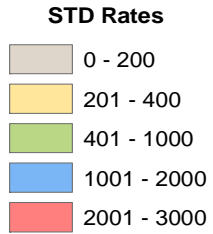
**Crude rate equals number of cases per 100,000 population; 5 year average annual rate

[^]Source: U.S. Census Bureau, Census 2000

Source of Data: PA-NEDSS (Pennsylvania National Electronic Disease Surveillance System); Erie County Department of Health



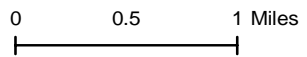
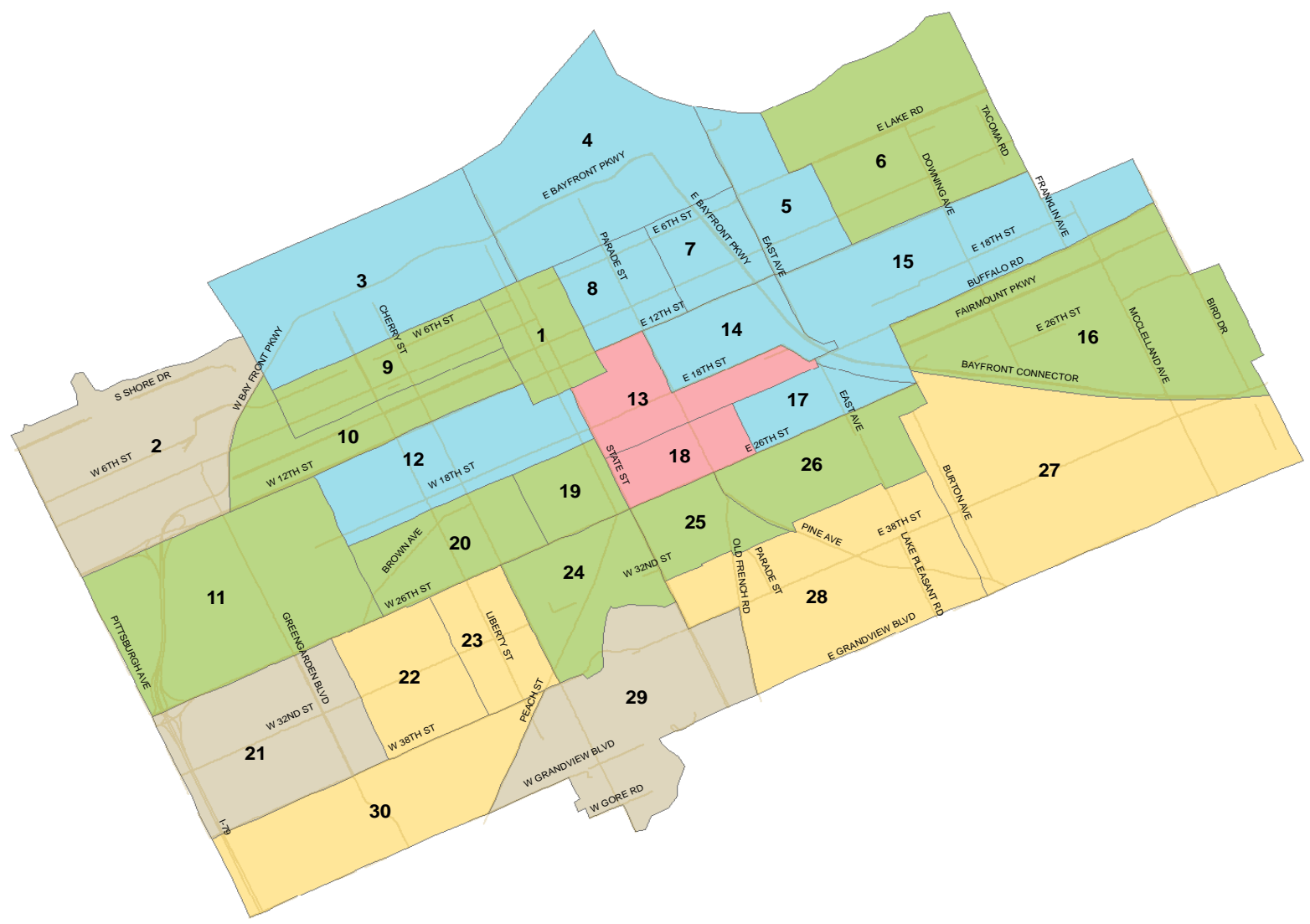
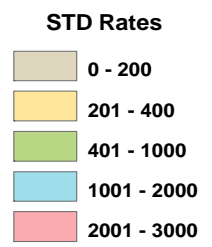
STD Rates* by Census Tract, 2004-2008 Erie County, PA



Source of Data: PA-NEDSS; Erie County Department of Health
*Crude rate per 100,000 population



STD Rates* by Census Tract, 2004-2008 Erie City, PA



Source of Data: PA-NEDSS; Erie County Department of Health
*Crude rate per 100,000 population

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