

# Sexually Transmitted Disease in Wisconsin 2015



DEPARTMENT OF HEALTH SERVICES  
Division of Public Health  
Bureau of Communicable Diseases and  
Emergency Preparedness  
STD Control Section  
P-00415A (05/16)

# Wisconsin sexually transmitted disease surveillance report, 2015

## Northeastern Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
<b>Total</b>												
Total	3,864	100.0%	321	325	100.0%	27	22	100.0%	2	4,211	100.0%	349
<b>Sex</b>												
Male	1,143	29.6%	190	169	52.0%	28	20	90.9%	3	1,332	31.6%	221
Female	2,720	70.4%	451	156	48.0%	26	2	9.1%	0	2,878	68.3%	478
Unknown	1	0.0%	-	0	0.0%	-	0	0.0%	-	1	0.0%	-
<b>Race</b>												
White	2,849	73.7%	249	177	54.5%	15	15	68.2%	1	3,041	72.2%	266
African American	443	11.5%	2,653	102	31.4%	611	5	22.7%	30	550	13.1%	3,294
American Indian	184	4.8%	897	21	6.5%	102	1	4.5%	5	206	4.9%	1,004
Asian/Pacific Islander	93	2.4%	399	4	1.2%	17	0	0.0%	0	97	2.3%	416
Other	109	2.8%	-	9	2.8%	-	0	0.0%	-	118	2.8%	-
Unknown	186	4.8%	-	12	3.7%	-	1	4.5%	-	199	4.7%	-
<b>Hispanic ethnicity</b>												
Hispanic	284	7.3%	661	17	5.2%	40	3	13.6%	7	304	7.2%	707
Not Hispanic	2,981	77.1%	256	255	78.5%	22	19	86.4%	2	3,255	77.3%	280
Unknown	599	15.5%	-	53	16.3%	-	0	0.0%	-	652	15.5%	-
<b>Age</b>												
0-4	4	0.1%	5	0	0.0%	0	0	0.0%	0	4	0.1%	5
5-9	1	0.0%	1	0	0.0%	0	0	0.0%	0	1	0.0%	1
10-14	19	0.5%	25	1	0.3%	1	0	0.0%	0	20	0.5%	26
15-19	992	25.7%	1,201	63	19.4%	76	2	9.1%	2	1,057	25.1%	1,279
20-24	1,513	39.2%	1,952	95	29.2%	123	3	13.6%	4	1,611	38.3%	2,078
25-29	751	19.4%	887	71	21.8%	84	5	22.7%	6	827	19.6%	977
30-34	337	8.7%	464	41	12.6%	56	4	18.2%	6	382	9.1%	525
35-39	124	3.2%	161	26	8.0%	34	4	18.2%	5	154	3.7%	200
40-44	60	1.6%	68	10	3.1%	11	1	4.5%	1	71	1.7%	80
45-49	34	0.9%	34	5	1.5%	5	2	9.1%	2	41	1.0%	41
50+	25	0.6%	6	13	4.0%	3	1	4.5%	0	39	0.9%	10
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
<b>Region of residence</b>												
Northeastern	3,864	100.0%	321	325	100.0%	27	22	100.0%	2	4,211	100.0%	349
Northern	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Southeastern	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Southern	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Western	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-

\* Demographic breakdown not available for diseases with less than 5 cases reported.

\*\* Cases per 100,000 population

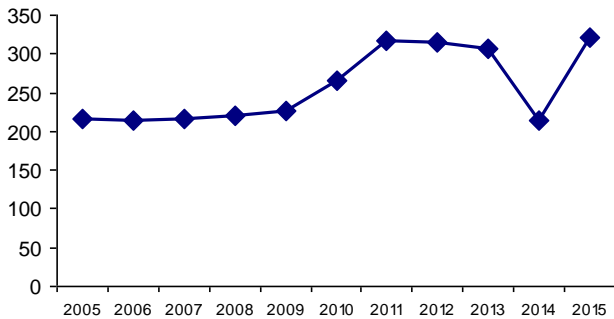
# Wisconsin sexually transmitted disease surveillance report, 2015

## Reported cases by year of diagnosis, past ten years

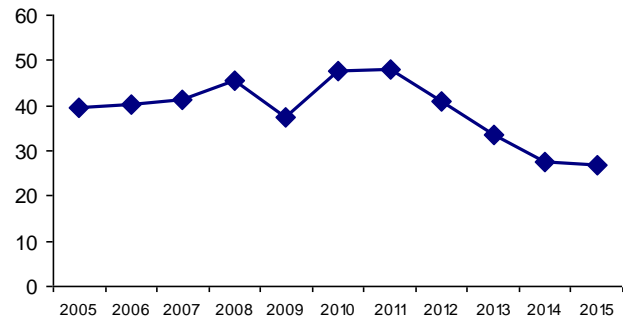
### *Northeastern Region*

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2006	2,553	214	479	40	13	1	3,045	255
2007	2,592	216	494	41	12	1	3,098	258
2008	2,664	221	549	46	14	1	3,227	268
2009	2,739	227	451	37	16	1	3,206	266
2010	3,194	265	573	48	7	1	3,774	313
2011	3,830	318	579	48	11	1	4,420	367
2012	3,800	315	495	41	29	2	4,324	359
2013	3,692	306	406	34	28	2	4,127	342
2014	2,585	214	330	27	17	1	3,933	326
2015	3,864	321	325	27	22	2	4,211	349

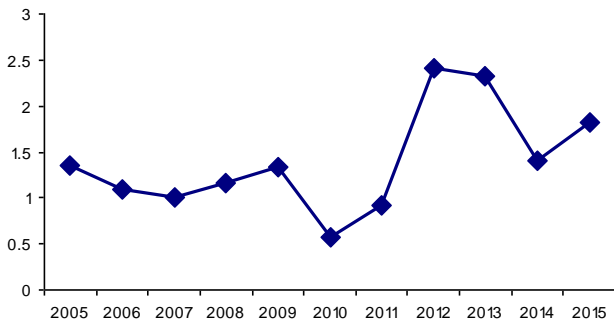
**Chlamydia rate\***



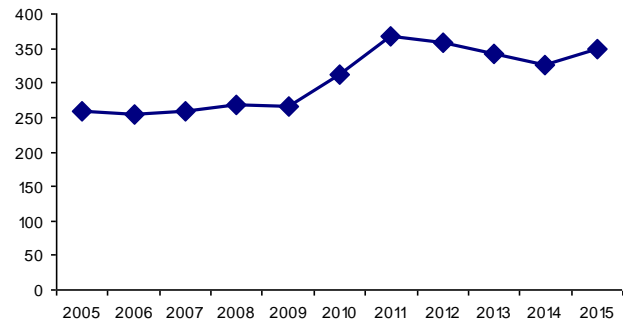
**Gonorrhea rate\***



**Syphilis rate\***



**Total rate\***



\* Cases per 100,000 population.

**Wisconsin sexually transmitted disease surveillance report, 2015**  
**Reported cases by region and county**  
**Northeastern Region**

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
<b>Northeastern</b>												
Brown	1,024	26.5%	418	130	40.0%	53	11	50.0%	4	1,165	27.7%	475
Calumet	108	2.8%	241	6	1.8%	13	0	0.0%	0	114	2.7%	255
Door	43	1.1%	155	2	0.6%	7	1	4.5%	4	46	1.1%	166
Fond du lac	292	7.6%	294	32	9.8%	32	1	4.5%	1	325	7.7%	327
Green Lake	43	1.1%	232	2	0.6%	11	0	0.0%	0	45	1.1%	242
Kewaunee	35	0.9%	172	1	0.3%	5	0	0.0%	0	36	0.9%	177
Manitowoc	204	5.3%	253	19	5.8%	24	2	9.1%	2	225	5.3%	279
Marinette	95	2.5%	225	4	1.2%	9	0	0.0%	0	99	2.4%	234
Marquette	30	0.8%	199	2	0.6%	13	0	0.0%	0	32	0.8%	212
Menominee	36	0.9%	788	1	0.3%	22	1	4.5%	22	38	0.9%	831
Oconto	98	2.5%	261	6	1.8%	16	0	0.0%	0	104	2.5%	277
Outagamie	588	15.2%	336	42	12.9%	24	2	9.1%	1	632	15.0%	361
Shawano	119	3.1%	290	5	1.5%	12	1	4.5%	2	125	3.0%	305
Sheboygan	332	8.6%	290	28	8.6%	24	1	4.5%	1	361	8.6%	315
Waupaca	121	3.1%	233	2	0.6%	4	0	0.0%	0	123	2.9%	237
Waushara	46	1.2%	186	1	0.3%	4	0	0.0%	0	47	1.1%	190
Winnebago	650	16.8%	401	42	12.9%	26	2	9.1%	1	694	16.5%	428
<b>Region total</b>	<b>3,864</b>	<b>100.0%</b>	<b>321</b>	<b>325</b>	<b>100.0%</b>	<b>27</b>	<b>22</b>	<b>100.0%</b>	<b>2</b>	<b>4,211</b>	<b>100.0%</b>	<b>349</b>
<b>Total</b>	<b>3,864</b>	<b>100.0%</b>	<b>321</b>	<b>325</b>	<b>100.0%</b>	<b>27</b>	<b>22</b>	<b>100.0%</b>	<b>2</b>	<b>4,211</b>	<b>100.0%</b>	<b>349</b>

\* Cases per 100,000 population.

**Wisconsin sexually transmitted disease surveillance report, 2015**  
**Unadjusted\* and imputed\*\* cases per 100,000 population by race**  
***Northeastern Region***

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	249	267	2,653	2,801	902	973	399	419
Gonorrhea	15	16	611	627	102	112	17	17
Syphilis	1	1	30	30	5	5	0	0
<b>Total</b>	266	284	3,294	3,458	1,009	1,090	416	436

\* The unadjusted rate is the number of reported cases with specified race per 100,000 population. Because some cases are reported without specified race, the unadjusted rate under-estimates actual morbidity and thus should be regarded as a minimum estimate.

\*\* The imputed rate takes into consideration cases reported without race specified. To calculate the imputed rate, reported cases with unspecified race were statistically allocated using the age-sex-county-specific race distribution for cases with specified race. Thus, imputed rates specified in this table are estimates.

## Technical Notes

1. These reports are compiled by the Wisconsin STD Control Section and are based on STD case surveillance data collected by the Wisconsin Division of Public Health (DPH). In Wisconsin, state statutes require health care providers to report cases of chlamydia, gonorrhea, syphilis, chancroid and pelvic inflammatory disease to local health departments. Local health departments in turn forward reports to the DPH.
2. These reports include cases diagnosed within the specified period. Additional cases diagnosed within the specified period may continue to be reported. Thus, this report should be considered provisional, and this supersedes all previous reports.
3. Reporting of STD cases is incomplete. Reporting rates may vary by disease, geographic region, and demographic groups. At any time, reported STD cases represent only part of the total number of diagnosed cases, therefore STD surveillance data likely underestimates total STD morbidity.
4. In these reports, rates presented are cases per 100,000 population. Rates are not calculated for categories with small numbers of cases. See each report for the rate calculation threshold.
5. Typically a significant number of STD cases are reported with unspecified race. When noted, imputed race-specific rates have been calculated. To calculate the imputed rate, reported cases with unspecified race were statistically allocated using the county-specific race distribution among cases with specified race. Thus, imputed rates specified in this table are estimates and should be used only for comparison.
6. In these reports, cases are allocated to the county of residence at the time of diagnosis. Cases diagnosed among inmates of correctional facilities are allocated to the county of the facility.

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