

# Sexually Transmitted Disease in Wisconsin 2012



DEPARTMENT OF HEALTH SERVICES  
Division of Public Health  
Bureau of Communicable Diseases and  
Emergency Preparedness  
STD Control Section  
P-00415A (06/13)



# Wisconsin sexually transmitted disease surveillance report, 2012

## Northeastern Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
<b>Total</b>												
Total	3,800	100.0%	314	495	100.0%	41	29	100.0%	2	4,324	100.0%	357
<b>Sex</b>												
Male	1,046	27.5%	173	161	32.5%	27	24	82.8%	4	1,231	28.5%	203
Female	2,754	72.5%	455	334	67.5%	55	5	17.2%	1	3,093	71.5%	512
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
<b>Race</b>												
White	2,763	72.7%	241	273	55.2%	24	20	69.0%	2	3,056	70.7%	267
African American	320	8.4%	1,831	129	26.1%	738	6	20.7%	34	455	10.5%	2,604
American Indian	187	4.9%	889	38	7.7%	181	0	0.0%	0	225	5.2%	1,070
Asian/Pacific Islander	94	2.5%	371	4	0.8%	16	1	3.4%	4	99	2.3%	391
Other	57	1.5%	-	11	2.2%	-	0	0.0%	-	68	1.6%	-
Unknown	379	10.0%	-	40	8.1%	-	2	6.9%	-	421	9.7%	-
<b>Hispanic ethnicity</b>												
Hispanic	240	6.3%	520	26	5.3%	56	3	10.3%	6	269	6.2%	583
Not Hispanic	2,614	68.8%	225	340	68.7%	29	24	82.8%	2	2,978	68.9%	256
Unknown	946	24.9%	-	129	26.1%	-	2	6.9%	-	1,077	24.9%	-
<b>Age</b>												
0-4	1	0.0%	1	0	0.0%	0	0	0.0%	0	1	0.0%	1
5-9	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
10-14	23	0.6%	30	2	0.4%	3	0	0.0%	0	25	0.6%	32
15-19	1,138	29.9%	1,358	106	21.4%	127	3	10.3%	4	1,247	28.8%	1,489
20-24	1,587	41.8%	2,045	181	36.6%	233	7	24.1%	9	1,775	41.0%	2,287
25-29	650	17.1%	835	97	19.6%	125	2	6.9%	3	749	17.3%	962
30-34	224	5.9%	307	50	10.1%	68	6	20.7%	8	280	6.5%	383
35-39	104	2.7%	140	27	5.5%	36	3	10.3%	4	134	3.1%	180
40-44	37	1.0%	43	11	2.2%	13	2	6.9%	2	50	1.2%	58
45-49	24	0.6%	24	10	2.0%	10	3	10.3%	3	37	0.9%	37
50+	12	0.3%	3	10	2.0%	2	3	10.3%	1	25	0.6%	6
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
<b>Region of residence</b>												
Northeastern	3,800	100.0%	314	495	100.0%	41	29	100.0%	2	4,324	100.0%	357
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

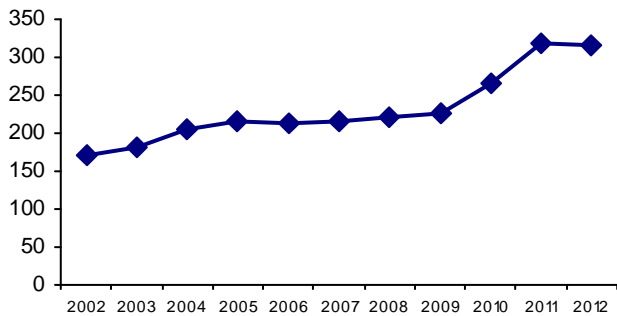
# Wisconsin sexually transmitted disease surveillance report, 2012

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

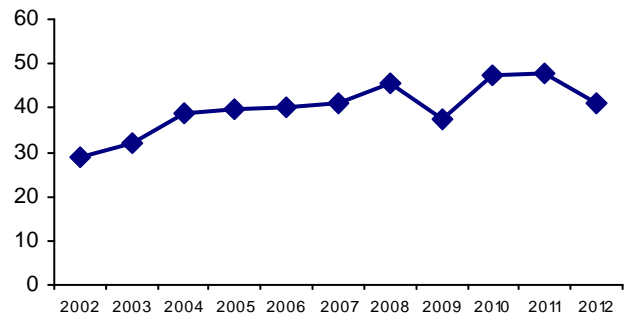
### Northeastern Region

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2003	2,137	181	379	32	11	1	2,527	214
2004	2,444	206	462	39	8	1	2,914	246
2005	2,582	217	470	39	16	1	3,068	258
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

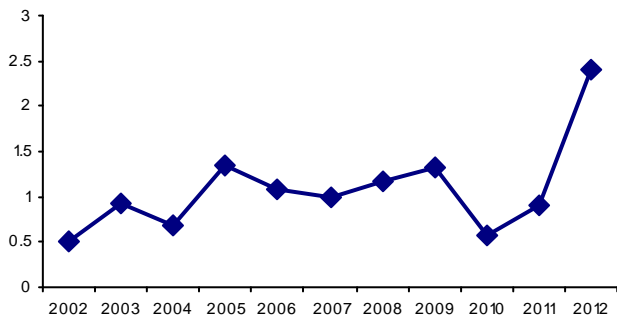
**Chlamydia rate\***



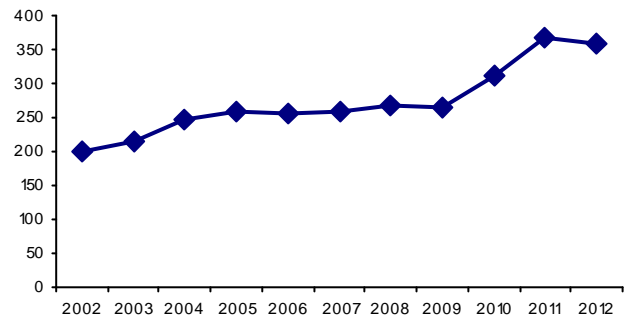
**Gonorrhea rate\***



**Syphilis rate\***



**Total rate\***



\* Cases per 100,000 population.

**Wisconsin sexually transmitted disease surveillance report, 2012**  
**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	1,025	27.0%	414	231	46.7%	93	7	24.1%	3	1,263	29.2%	511
Calumet	131	3.4%	293	11	2.2%	25	0	0.0%	0	142	3.3%	317
Door	42	1.1%	151	10	2.0%	36	3	10.3%	11	55	1.3%	198
Fond du lac	292	7.7%	292	40	8.1%	40	1	3.4%	1	333	7.7%	333
Green Lake	35	0.9%	189	2	0.4%	11	1	3.4%	5	38	0.9%	206
Kewaunee	31	0.8%	153	3	0.6%	15	0	0.0%	0	34	0.8%	167
Manitowoc	229	6.0%	284	16	3.2%	20	4	13.8%	5	249	5.8%	309
Marinette	105	2.8%	250	12	2.4%	29	0	0.0%	0	117	2.7%	279
Marquette	32	0.8%	217	0	0.0%	0	0	0.0%	0	32	0.7%	217
Menominee	60	1.6%	1,329	0	0.0%	0	0	0.0%	0	60	1.4%	1,329
Oconto	67	1.8%	180	12	2.4%	32	0	0.0%	0	79	1.8%	213
Outagamie	565	14.9%	319	76	15.4%	43	2	6.9%	1	643	14.9%	363
Shawano	114	3.0%	277	5	1.0%	12	1	3.4%	2	120	2.8%	292
Sheboygan	341	9.0%	298	28	5.7%	24	6	20.7%	5	375	8.7%	327
Waupaca	128	3.4%	248	4	0.8%	8	0	0.0%	0	132	3.1%	255
Waushara	39	1.0%	158	1	0.2%	4	0	0.0%	0	40	0.9%	163
Winnebago	564	14.8%	345	44	8.9%	27	4	13.8%	2	612	14.2%	375
<b>Region total</b>	<b>3,800</b>	<b>100.0%</b>	<b>314</b>	<b>495</b>	<b>100.0%</b>	<b>41</b>	<b>29</b>	<b>100.0%</b>	<b>2</b>	<b>4,324</b>	<b>100.0%</b>	<b>357</b>
<b>Total</b>	<b>3,800</b>	<b>100.0%</b>	<b>314</b>	<b>495</b>	<b>100.0%</b>	<b>41</b>	<b>29</b>	<b>100.0%</b>	<b>2</b>	<b>4,324</b>	<b>100.0%</b>	<b>357</b>

\* Cases per 100,000 population.

**Wisconsin sexually transmitted disease surveillance report, 2012**  
**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	241	268	1,831	2,032	889	1,062	371	394
Gonorrhea	24	26	738	774	181	187	16	16
Syphilis	2	2	34	34	0	0	4	4
<b>Total</b>	267	295	2,604	2,840	1,070	1,249	391	414

\* 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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