

# Sexually Transmitted Disease in Wisconsin 2011



DEPARTMENT OF HEALTH SERVICES  
Division of Public Health  
Bureau of Communicable Diseases and  
Emergency Preparedness  
STD Control Section  
P-00415A (2011)

# Wisconsin sexually transmitted disease surveillance report, 2011

## Southern Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
<b>Total</b>												
Total	3,594	100.0%	308	349	100.0%	30	41	100.0%	4	3,985	100.0%	341
<b>Sex</b>												
Male	1,058	29.4%	180	156	44.7%	27	34	82.9%	6	1,248	31.3%	213
Female	2,531	70.4%	435	193	55.3%	33	7	17.1%	1	2,732	68.6%	469
Unknown	5	0.1%	-	0	0.0%	-	0	0.0%	-	5	0.1%	-
<b>Race</b>												
White	1,997	55.6%	183	137	39.3%	13	32	78.0%	3	2,167	54.4%	199
African American	875	24.3%	2,082	152	43.6%	362	4	9.8%	10	1,031	25.9%	2,453
American Indian	25	0.7%	389	1	0.3%	16	0	0.0%	0	26	0.7%	404
Asian/Pacific Islander	65	1.8%	227	3	0.9%	10	2	4.9%	7	70	1.8%	245
Other	44	1.2%	-	5	1.4%	-	0	0.0%	-	49	1.2%	-
Unknown	588	16.4%	-	51	14.6%	-	3	7.3%	-	642	16.1%	-
<b>Hispanic ethnicity</b>												
Hispanic	285	7.9%	566	19	5.4%	38	5	12.2%	10	309	7.8%	613
Not Hispanic	2,732	76.0%	244	283	81.1%	25	33	80.5%	3	3,049	76.5%	273
Unknown	577	16.1%	-	47	13.5%	-	3	7.3%	-	627	15.7%	-
<b>Age</b>												
0-4	1	0.0%	1	0	0.0%	0	0	0.0%	0	1	0.0%	1
5-9	1	0.0%	1	0	0.0%	0	0	0.0%	0	1	0.0%	1
10-14	49	1.4%	71	3	0.9%	4	0	0.0%	0	52	1.3%	75
15-19	1,059	29.5%	1,262	86	24.6%	102	0	0.0%	0	1,145	28.7%	1,364
20-24	1,436	40.0%	1,372	122	35.0%	117	9	22.0%	9	1,568	39.3%	1,498
25-29	602	16.8%	746	54	15.5%	67	3	7.3%	4	659	16.5%	817
30-34	227	6.3%	340	38	10.9%	57	6	14.6%	9	271	6.8%	406
35-39	108	3.0%	142	20	5.7%	26	4	9.8%	5	132	3.3%	174
40-44	51	1.4%	63	4	1.1%	5	7	17.1%	9	62	1.6%	77
45-49	20	0.6%	22	10	2.9%	11	3	7.3%	3	33	0.8%	37
50+	19	0.5%	5	10	2.9%	3	9	22.0%	2	38	1.0%	10
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
<b>Region of residence</b>												
Northeastern	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
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	3,594	100.0%	308	349	100.0%	30	41	100.0%	4	3,985	100.0%	341
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 lessn than 5 cases reported.

\*\* Cases per 100,000 population

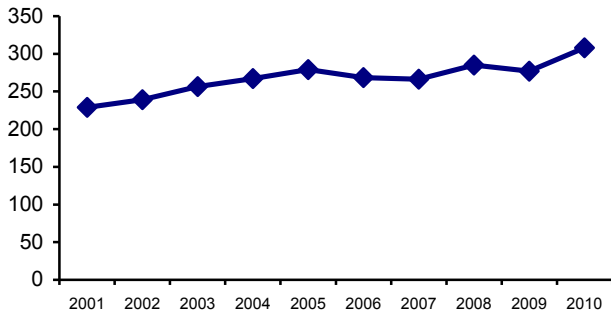
# Wisconsin sexually transmitted disease surveillance report, 2011

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

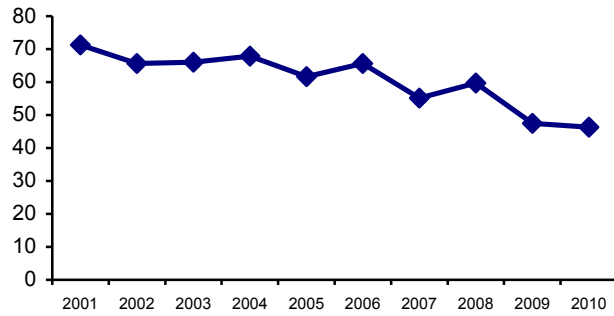
### Southern Region

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2002	2,629	239	722	66	11	1	3,362	306
2003	2,842	256	732	66	11	1	3,585	323
2004	2,994	267	760	68	12	1	3,766	336
2005	3,152	279	697	62	23	2	3,872	343
2006	3,065	269	749	66	32	3	3,846	337
2007	3,068	266	635	55	11	1	3,714	322
2008	3,311	285	693	60	29	2	4,033	347
2009	3,234	277	555	47	24	2	3,813	326
2010	3,600	308	541	46	33	3	4,174	357

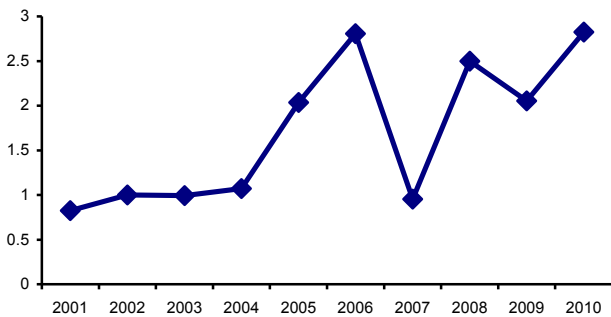
**Chlamydia rate\***



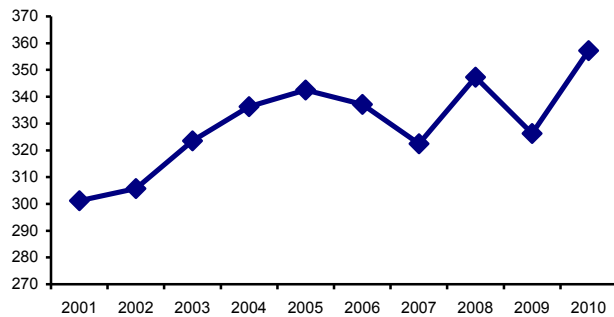
**Gonorrhea rate\***



**Syphilis rate\***



**Total rate\***



per 100,000 population.

\* Cases

**Wisconsin sexually transmitted disease surveillance report, 2011**  
**Reported cases by region and county**  
**Southern Region**

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
<b>Southern</b>												
Adams	32	0.9%	159	1	0.3%	5	0	0.0%	0	33	0.8%	164
Columbia	99	2.8%	179	7	2.0%	13	1	2.4%	2	107	2.7%	194
Crawford	21	0.6%	126	0	0.0%	0	0	0.0%	0	21	0.5%	126
Dane	1,939	54.0%	395	213	61.0%	43	30	73.2%	6	2,182	54.8%	444
Dodge	154	4.3%	176	21	6.0%	24	1	2.4%	1	176	4.4%	202
Grant	78	2.2%	159	6	1.7%	12	0	0.0%	0	84	2.1%	172
Green	64	1.8%	177	3	0.9%	8	0	0.0%	0	67	1.7%	186
Iowa	36	1.0%	153	4	1.1%	17	1	2.4%	4	41	1.0%	174
Jefferson	166	4.6%	205	3	0.9%	4	1	2.4%	1	170	4.3%	210
Juneau	57	1.6%	215	3	0.9%	11	0	0.0%	0	61	1.5%	231
Lafayette	19	0.5%	121	5	1.4%	32	0	0.0%	0	24	0.6%	153
Richland	27	0.8%	151	0	0.0%	0	0	0.0%	0	27	0.7%	151
Rock	767	21.3%	479	79	22.6%	49	4	9.8%	2	850	21.3%	531
Sauk	121	3.4%	205	4	1.1%	7	2	4.9%	3	127	3.2%	216
Vernon	14	0.4%	48	0	0.0%	0	1	2.4%	3	15	0.4%	51
<b>Region total</b>	<b>3,594</b>	<b>100.0%</b>	<b>308</b>	<b>349</b>	<b>100.0%</b>	<b>30</b>	<b>41</b>	<b>100.0%</b>	<b>4</b>	<b>3,985</b>	<b>100.0%</b>	<b>341</b>
<b>Total</b>	<b>3,594</b>	<b>100.0%</b>	<b>308</b>	<b>349</b>	<b>100.0%</b>	<b>30</b>	<b>41</b>	<b>100.0%</b>	<b>4</b>	<b>3,985</b>	<b>100.0%</b>	<b>341</b>

\*\* Cases per 100,000 population.

**Wisconsin sexually transmitted disease surveillance report, 2011**  
**Unadjusted\* and imputed\*\* cases per 100,000 population by race**  
***Southern Region***

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	183	222	2,082	2,334	389	438	227	245
Gonorrhea	13	14	362	388	16	16	10	12
Other	0	0	0	0	0	0	0	0
Syphilis	3	3	10	10	0	0	7	7
<b>Total</b>	199	239	2,453	2,732	404	453	245	263

\* The unadjusted rate is the number 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 Program 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 report supercedes all previous reports.
3. Reporting of STDs 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 underestimate 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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