

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

Northern Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	1,054	100.0%	218	62	100.0%	13	8	100.0%	2	1,124	100.0%	233
Sex												
Male	319	30.3%	132	12	19.4%	5	6	75.0%	2	337	30.0%	140
Female	735	69.7%	304	50	80.6%	21	2	25.0%	1	787	70.0%	325
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Race												
White	672	63.8%	147	31	50.0%	7	7	87.5%	2	710	63.2%	156
African American	55	5.2%	1,540	9	14.5%	252	0	0.0%	0	64	5.7%	1,792
American Indian	77	7.3%	619	1	1.6%	8	0	0.0%	0	78	6.9%	627
Asian/Pacific Islander	45	4.3%	401	3	4.8%	27	1	12.5%	9	49	4.4%	437
Other	12	1.1%	-	2	3.2%	-	0	0.0%	-	14	1.2%	-
Unknown	193	18.3%	-	16	25.8%	-	0	0.0%	-	209	18.6%	-
Hispanic ethnicity												
Hispanic	29	2.8%	399	3	4.8%	41	1	12.5%	14	33	2.9%	454
Not Hispanic	770	73.1%	162	40	64.5%	8	7	87.5%	1	817	72.7%	172
Unknown	255	24.2%	-	19	30.6%	-	0	0.0%	-	274	24.4%	-
Age												
0-4	2	0.2%	7	0	0.0%	0	1	12.5%	4	3	0.3%	11
5-9	1	0.1%	4	0	0.0%	0	0	0.0%	0	1	0.1%	4
10-14	6	0.6%	20	0	0.0%	0	0	0.0%	0	6	0.5%	20
15-19	332	31.5%	985	17	27.4%	50	0	0.0%	0	349	31.0%	1,036
20-24	426	40.4%	1,293	27	43.5%	82	3	37.5%	9	456	40.6%	1,384
25-29	170	16.1%	662	9	14.5%	35	1	12.5%	4	180	16.0%	701
30-34	70	6.6%	321	4	6.5%	18	0	0.0%	0	74	6.6%	340
35-39	21	2.0%	77	3	4.8%	11	1	12.5%	4	25	2.2%	92
40-44	11	1.0%	34	1	1.6%	3	0	0.0%	0	12	1.1%	38
45-49	5	0.5%	13	0	0.0%	0	1	12.5%	3	6	0.5%	15
50+	8	0.8%	4	1	1.6%	1	1	12.5%	1	10	0.9%	5
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Region of residence												
Northeastern	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Northern	1,054	100.0%	218	62	100.0%	13	8	100.0%	2	1,124	100.0%	233
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

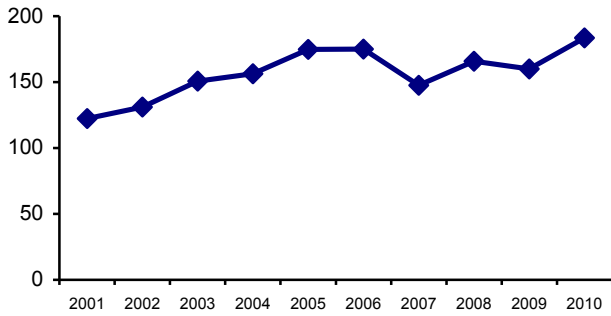
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Reported cases by year of diagnosis, past ten years

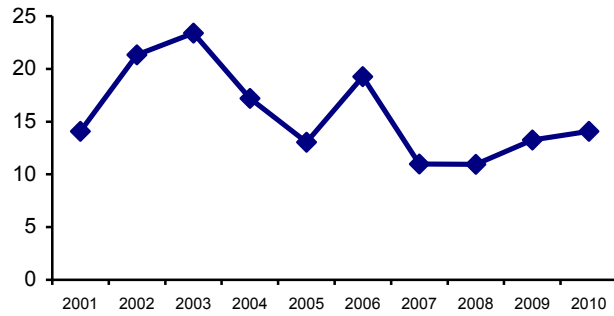
Northern Region

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2002	633	131	103	21	2	0	738	153
2003	728	151	113	23	1	0	842	174
2004	754	156	83	17	7	1	844	175
2005	843	175	63	13	7	1	913	189
2006	845	175	93	19	4	1	942	195
2007	713	148	53	11	4	1	770	159
2008	802	166	53	11	1	0	856	177
2009	773	160	64	13	1	0	838	173
2010	887	184	68	14	4	1	959	198

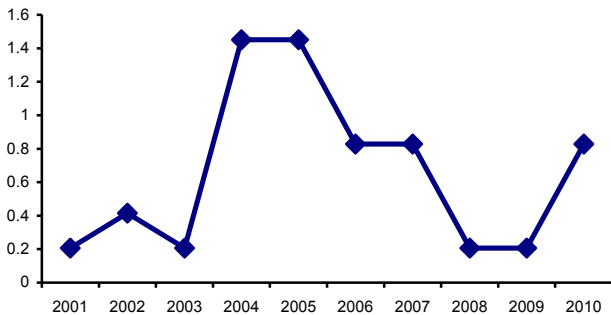
Chlamydia rate*



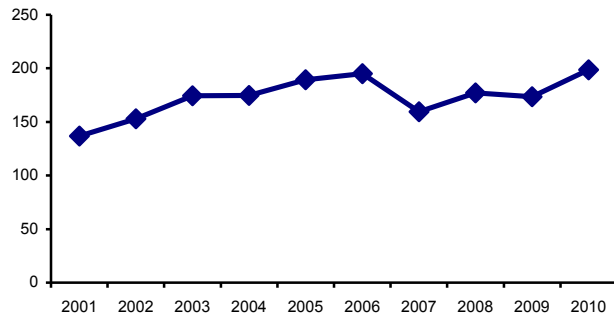
Gonorrhea rate*



Syphilis rate*



Total rate*



* Cases per 100,000 population.

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

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Northern												
Ashland	22	2.1%	136	1	1.6%	6	0	0.0%	0	23	2.0%	142
Bayfield	11	1.0%	74	0	0.0%	0	0	0.0%	0	11	1.0%	74
Florence	9	0.9%	198	0	0.0%	0	0	0.0%	0	9	0.8%	198
Forest	45	4.3%	469	4	6.5%	42	0	0.0%	0	49	4.4%	510
Iron	5	0.5%	82	1	1.6%	16	0	0.0%	0	6	0.5%	99
Langlade	16	1.5%	80	0	0.0%	0	0	0.0%	0	16	1.4%	80
Lincoln	42	4.0%	143	4	6.5%	14	1	12.5%	3	47	4.2%	160
Marathon	338	32.1%	257	24	38.7%	18	4	50.0%	3	366	32.6%	278
Oneida	56	5.3%	156	1	1.6%	3	0	0.0%	0	57	5.1%	159
Portage	167	15.8%	241	9	14.5%	13	1	12.5%	1	177	15.7%	256
Price	20	1.9%	141	1	1.6%	7	0	0.0%	0	21	1.9%	148
Sawyer	62	5.9%	366	2	3.2%	12	0	0.0%	0	64	5.7%	378
Taylor	38	3.6%	198	0	0.0%	0	0	0.0%	0	38	3.4%	198
Vilas	59	5.6%	274	3	4.8%	14	0	0.0%	0	62	5.5%	288
Wood	164	15.6%	222	12	19.4%	16	2	25.0%	3	178	15.8%	241
Region total	1,054	100.0%	218	62	100.0%	13	8	100.0%	2	1,124	100.0%	233
Total	1,054	100.0%	218	62	100.0%	13	8	100.0%	2	1,124	100.0%	233

** Cases per 100,000 population.

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

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	147	177	1,540	1,615	619	707	401	403
Gonorrhea	7	7	252	280	8	8	27	27
Syphilis	2	2	0	0	0	0	9	9
Total	156	185	1,792	1,895	627	715	437	439

* 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.

For more information contact:

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