

Sexually Transmitted Disease in Wisconsin 2011



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

Wisconsin sexually transmitted disease surveillance report, 2011

Northeastern Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	3,830	100.0%	316	579	100.0%	48	11	100.0%	1	4,420	100.0%	365
Sex												
Male	1,064	27.8%	176	168	29.0%	28	7	63.6%	1	1,239	28.0%	205
Female	2,764	72.2%	457	410	70.8%	68	4	36.4%	1	3,178	71.9%	526
Unknown	2	0.1%	-	1	0.2%	-	0	0.0%	-	3	0.1%	-
Race												
White	2,685	70.1%	234	314	54.2%	27	11	100.0%	1	3,010	68.1%	263
African American	330	8.6%	1,888	148	25.6%	847	0	0.0%	0	478	10.8%	2,735
American Indian	230	6.0%	1,094	41	7.1%	195	0	0.0%	0	271	6.1%	1,289
Asian/Pacific Islander	94	2.5%	371	6	1.0%	24	0	0.0%	0	100	2.3%	395
Other	59	1.5%	-	10	1.7%	-	0	0.0%	-	69	1.6%	-
Unknown	432	11.3%	-	60	10.4%	-	0	0.0%	-	492	11.1%	-
Hispanic ethnicity												
Hispanic	226	5.9%	489	23	4.0%	50	2	18.2%	4	251	5.7%	544
Not Hispanic	2,510	65.5%	216	364	62.9%	31	9	81.8%	1	2,883	65.2%	248
Unknown	1,094	28.6%	-	192	33.2%	-	0	0.0%	-	1,286	29.1%	-
Age												
0-4	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
5-9	1	0.0%	1	0	0.0%	0	0	0.0%	0	1	0.0%	1
10-14	31	0.8%	40	7	1.2%	9	0	0.0%	0	38	0.9%	49
15-19	1,128	29.5%	1,346	153	26.4%	183	0	0.0%	0	1,281	29.0%	1,529
20-24	1,631	42.6%	2,101	216	37.3%	278	0	0.0%	0	1,847	41.8%	2,380
25-29	611	16.0%	785	104	18.0%	134	3	27.3%	4	718	16.2%	922
30-34	234	6.1%	320	39	6.7%	53	0	0.0%	0	273	6.2%	374
35-39	105	2.7%	141	30	5.2%	40	1	9.1%	1	136	3.1%	183
40-44	42	1.1%	49	13	2.2%	15	3	27.3%	3	58	1.3%	67
45-49	27	0.7%	27	8	1.4%	8	2	18.2%	2	37	0.8%	37
50+	14	0.4%	3	7	1.2%	2	2	18.2%	0	23	0.5%	6
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Region of residence												
Northeastern	3,830	100.0%	316	579	100.0%	48	11	100.0%	1	4,420	100.0%	365
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

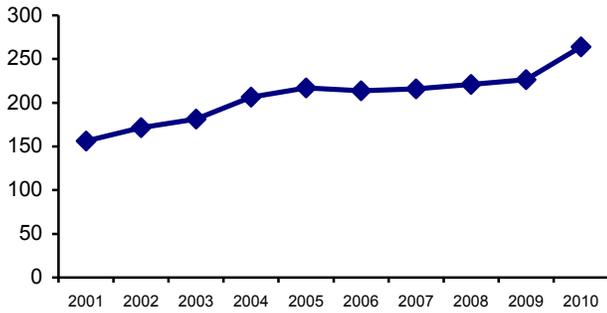
Wisconsin sexually transmitted disease surveillance report, 2011

Reported cases by year of diagnosis, past ten years

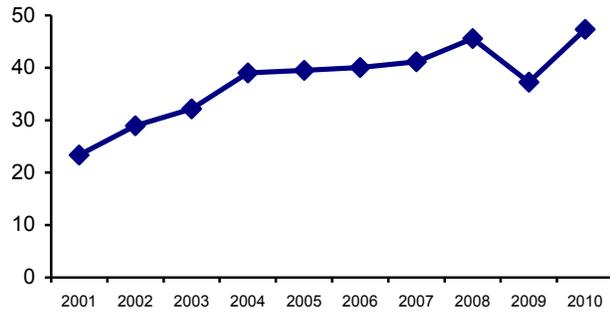
Northeastern Region

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2002	2,015	171	340	29	6	1	2,361	201
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	226	451	37	16	1	3,206	265
2010	3,194	264	573	47	7	1	3,774	312

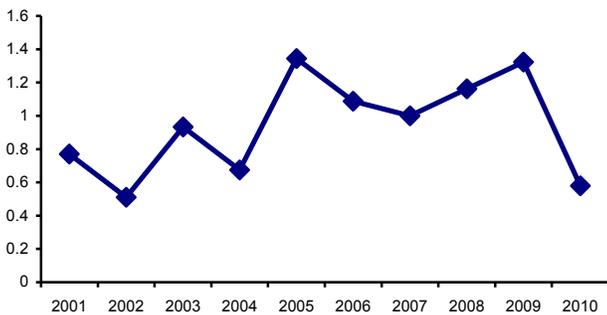
Chlamydia rate*



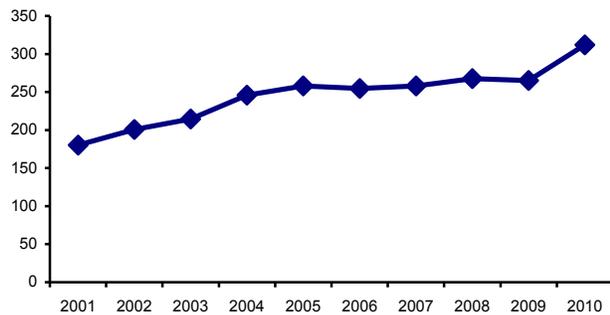
Gonorrhea rate*



Syphilis rate*



Total rate*



* Cases per 100,000 population.

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

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Northeastern												
Brown	1,099	28.7%	444	252	43.5%	102	3	27.3%	1	1,354	30.6%	547
Calumet	97	2.5%	217	9	1.6%	20	0	0.0%	0	106	2.4%	237
Door	46	1.2%	165	6	1.0%	22	0	0.0%	0	52	1.2%	187
Fond du lac	283	7.4%	283	60	10.4%	60	2	18.2%	2	345	7.8%	345
Green Lake	29	0.8%	157	1	0.2%	5	0	0.0%	0	30	0.7%	162
Kewaunee	37	1.0%	182	4	0.7%	20	0	0.0%	0	41	0.9%	202
Manitowoc	185	4.8%	230	17	2.9%	21	0	0.0%	0	202	4.6%	251
Marquette	62	1.6%	148	7	1.2%	17	0	0.0%	0	69	1.6%	164
Marquette	20	0.5%	136	0	0.0%	0	0	0.0%	0	20	0.5%	136
Menominee	78	2.0%	1,728	3	0.5%	66	0	0.0%	0	81	1.8%	1,795
Oconto	71	1.9%	191	10	1.7%	27	0	0.0%	0	81	1.8%	218
Outagamie	568	14.8%	321	71	12.3%	40	2	18.2%	1	641	14.5%	362
Shawano	122	3.2%	296	9	1.6%	22	0	0.0%	0	131	3.0%	318
Sheboygan	341	8.9%	298	44	7.6%	38	3	27.3%	3	388	8.8%	339
Waupaca	130	3.4%	252	8	1.4%	15	0	0.0%	0	138	3.1%	267
Waushara	55	1.4%	224	2	0.3%	8	0	0.0%	0	57	1.3%	232
Winnebago	607	15.8%	372	76	13.1%	47	1	9.1%	1	684	15.5%	419
Region total	3,830	100.0%	316	579	100.0%	48	11	100.0%	1	4,420	100.0%	365
Total	3,830	100.0%	316	579	100.0%	48	11	100.0%	1	4,420	100.0%	365

** Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2011
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	234	265	1,888	2,139	1,094	1,227	371	407
Gonorrhea	27	30	847	914	195	208	24	24
Syphilis	1	1	0	0	0	0	0	0
Total	263	296	2,735	3,053	1,289	1,435	395	431

* 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:

Wisconsin STD Program
1 West Wilson Street
PO Box 2659
Madison, WI53701-2659
Telephone: (608) 266-8479