

Sexually Transmitted Disease in Wisconsin 2011



Wisconsin sexually transmitted disease surveillance report, 2011

Person 15-19 years of age

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	7,869	100.0%	1,948	1,542	100.0%	382	15	100.0%	4	9,426	100.0%	2,333
Sex												
Male	1,644	20.9%	794	468	30.4%	226	12	80.0%	6	2,124	22.5%	1,026
Female	6,221	79.1%	3,157	1,074	69.6%	545	3	20.0%	2	7,298	77.4%	3,704
Unknown	4	0.1%	-	0	0.0%	-	0	0.0%	-	4	0.0%	-
Race												
White	2,556	32.5%	734	189	12.3%	54	1	6.7%	0	2,746	29.1%	789
African American	3,018	38.4%	7,959	929	60.2%	2,450	14	93.3%	37	3,961	42.0%	10,446
American Indian	141	1.8%	2,574	11	0.7%	201	0	0.0%	0	152	1.6%	2,775
Asian/Pacific Islander	81	1.0%	652	6	0.4%	48	0	0.0%	0	87	0.9%	700
Other	133	1.7%	-	22	1.4%	-	0	0.0%	-	155	1.6%	-
Unknown	1,940	24.7%	-	385	25.0%	-	0	0.0%	-	2,325	24.7%	-
Hispanic ethnicity												
Hispanic	438	5.6%	1,694	53	3.4%	205	0	0.0%	0	491	5.2%	1,899
Not Hispanic	4,672	59.4%	1,235	908	58.9%	240	14	93.3%	4	5,594	59.3%	1,479
Unknown	2,759	35.1%	-	581	37.7%	-	1	6.7%	-	3,341	35.4%	-
Age												
0-4	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
5-9	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
10-14	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
15-19	7,869	100.0%	1,948	1,542	100.0%	382	15	100.0%	4	9,426	100.0%	2,333
20-24	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
25-29	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
30-34	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
35-39	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
40-44	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
45-49	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
50+	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%	-
Region of residence												
Northeastern	1,128	14.3%	1,346	153	9.9%	183	0	0.0%	0	1,281	13.6%	1,529
Northern	332	4.2%	985	17	1.1%	50	0	0.0%	0	349	3.7%	1,036
Southeastern	4,763	60.5%	3,297	1,271	82.4%	880	15	100.0%	10	6,049	64.2%	4,187
Southern	1,059	13.5%	1,262	86	5.6%	102	0	0.0%	0	1,145	12.1%	1,364
Western	585	7.4%	1,005	15	1.0%	26	0	0.0%	0	600	6.4%	1,031
Unknown	2	0.0%	-	0	0.0%	-	0	0.0%	-	2	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 region and county

Persons 15-19 years of age

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Northeastern												
Brown	313	4.0%	1,768	65	4.2%	367	0	0.0%	0	378	4.0%	2,135
Calumet	19	0.2%	620	1	0.1%	33	0	0.0%	0	20	0.2%	652
Door	11	0.1%	643	3	0.2%	175	0	0.0%	0	14	0.1%	818
Fond du lac	89	1.1%	1,209	7	0.5%	95	0	0.0%	0	96	1.0%	1,304
Green Lake	10	0.1%	877	0	0.0%	0	0	0.0%	0	10	0.1%	877
Kewaunee	15	0.2%	1,161	2	0.1%	155	0	0.0%	0	17	0.2%	1,316
Manitowoc	41	0.5%	754	3	0.2%	55	0	0.0%	0	44	0.5%	809
Marquette	21	0.3%	770	2	0.1%	73	0	0.0%	0	23	0.2%	844
Marquette	5	0.1%	589	0	0.0%	0	0	0.0%	0	5	0.1%	589
Menominee	28	0.4%	6,467	2	0.1%	462	0	0.0%	0	30	0.3%	6,928
Oconto	25	0.3%	1,023	4	0.3%	164	0	0.0%	0	29	0.3%	1,187
Outagamie	170	2.2%	1,359	23	1.5%	184	0	0.0%	0	193	2.0%	1,543
Shawano	40	0.5%	1,488	3	0.2%	112	0	0.0%	0	43	0.5%	1,600
Sheboygan	85	1.1%	1,107	10	0.6%	130	0	0.0%	0	95	1.0%	1,237
Waupaca	41	0.5%	1,146	2	0.1%	56	0	0.0%	0	43	0.5%	1,201
Waushara	22	0.3%	1,261	0	0.0%	0	0	0.0%	0	22	0.2%	1,261
Winnebago	193	2.5%	1,692	26	1.7%	228	0	0.0%	0	219	2.3%	1,920
Region total	1,128	14.3%	1,346	153	9.9%	183	0	0.0%	0	1,281	13.6%	1,529
Northern												
Ashland	10	0.1%	758	1	0.1%	76	0	0.0%	0	11	0.1%	834
Bayfield	4	0.1%	409	0	0.0%	0	0	0.0%	0	4	0.0%	409
Florence	3	0.0%	1,024	0	0.0%	0	0	0.0%	0	3	0.0%	1,024
Forest	21	0.3%	2,815	3	0.2%	402	0	0.0%	0	24	0.3%	3,217
Iron	1	0.0%	288	1	0.1%	288	0	0.0%	0	2	0.0%	576
Langlade	3	0.0%	232	0	0.0%	0	0	0.0%	0	3	0.0%	232
Lincoln	22	0.3%	1,010	1	0.1%	46	0	0.0%	0	23	0.2%	1,056
Marathon	102	1.3%	1,144	4	0.3%	45	0	0.0%	0	106	1.1%	1,189
Oneida	18	0.2%	854	1	0.1%	47	0	0.0%	0	19	0.2%	901
Portage	40	0.5%	650	0	0.0%	0	0	0.0%	0	40	0.4%	650
Price	10	0.1%	1,121	0	0.0%	0	0	0.0%	0	10	0.1%	1,121
Sawyer	19	0.2%	1,794	0	0.0%	0	0	0.0%	0	19	0.2%	1,794
Taylor	8	0.1%	624	0	0.0%	0	0	0.0%	0	8	0.1%	624
Vilas	22	0.3%	1,754	1	0.1%	80	0	0.0%	0	23	0.2%	1,834
Wood	49	0.6%	1,005	5	0.3%	103	0	0.0%	0	54	0.6%	1,108
Region total	332	4.2%	985	17	1.1%	50	0	0.0%	0	349	3.7%	1,036
Southeastern												
Kenosha	255	3.2%	2,003	36	2.3%	283	0	0.0%	0	291	3.1%	2,286
Milwaukee	3,906	49.6%	5,731	1,131	73.3%	1,659	13	86.7%	19	5,050	53.6%	7,409
Ozaukee	19	0.2%	296	3	0.2%	47	0	0.0%	0	22	0.2%	343
Racine	313	4.0%	2,228	76	4.9%	541	2	13.3%	14	391	4.1%	2,783
Walworth	61	0.8%	797	6	0.4%	78	0	0.0%	0	67	0.7%	876
Washington	26	0.3%	301	6	0.4%	69	0	0.0%	0	32	0.3%	370
Waukesha	183	2.3%	683	13	0.8%	48	0	0.0%	0	196	2.1%	731
Region total	4,763	60.5%	3,297	1,271	82.4%	880	15	100.0%	10	6,049	64.2%	4,187

Wisconsin STD Program data

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Southern												
Adams	17	0.2%	1,530	0	0.0%	0	0	0.0%	0	17	0.2%	1,530
Columbia	24	0.3%	692	3	0.2%	86	0	0.0%	0	27	0.3%	778
Crawford	7	0.1%	508	0	0.0%	0	0	0.0%	0	7	0.1%	508
Dane	559	7.1%	1,540	49	3.2%	135	0	0.0%	0	608	6.5%	1,675
Dodge	44	0.6%	796	6	0.4%	109	0	0.0%	0	50	0.5%	904
Grant	21	0.3%	442	3	0.2%	63	0	0.0%	0	24	0.3%	505
Green	19	0.2%	782	0	0.0%	0	0	0.0%	0	19	0.2%	782
Iowa	10	0.1%	650	0	0.0%	0	0	0.0%	0	10	0.1%	650
Jefferson	30	0.4%	482	1	0.1%	16	0	0.0%	0	31	0.3%	498
Juneau	12	0.2%	663	0	0.0%	0	0	0.0%	0	12	0.1%	663
Lafayette	4	0.1%	338	0	0.0%	0	0	0.0%	0	4	0.0%	338
Richland	10	0.1%	812	0	0.0%	0	0	0.0%	0	10	0.1%	812
Rock	260	3.3%	2,305	23	1.5%	204	0	0.0%	0	283	3.0%	2,509
Sauk	39	0.5%	1,052	1	0.1%	27	0	0.0%	0	40	0.4%	1,079
Vernon	3	0.0%	151	0	0.0%	0	0	0.0%	0	3	0.0%	151
Region total	1,059	13.5%	1,262	86	5.6%	102	0	0.0%	0	1,145	12.1%	1,364
Western												
Barron	38	0.5%	1,300	0	0.0%	0	0	0.0%	0	38	0.4%	1,300
Buffalo	9	0.1%	1,001	0	0.0%	0	0	0.0%	0	9	0.1%	1,001
Burnett	12	0.2%	1,204	0	0.0%	0	0	0.0%	0	12	0.1%	1,204
Chippewa	60	0.8%	1,488	1	0.1%	25	0	0.0%	0	61	0.6%	1,513
Clark	12	0.2%	488	0	0.0%	0	0	0.0%	0	12	0.1%	488
Douglas	49	0.6%	1,731	1	0.1%	35	0	0.0%	0	50	0.5%	1,766
Dunn	32	0.4%	748	0	0.0%	0	0	0.0%	0	32	0.3%	748
Eau Claire	63	0.8%	711	1	0.1%	11	0	0.0%	0	64	0.7%	723
Jackson	18	0.2%	1,361	0	0.0%	0	0	0.0%	0	18	0.2%	1,361
La Crosse	119	1.5%	1,201	7	0.5%	71	0	0.0%	0	126	1.3%	1,271
Monroe	45	0.6%	1,442	2	0.1%	64	0	0.0%	0	47	0.5%	1,506
Pepin	7	0.1%	1,477	0	0.0%	0	0	0.0%	0	7	0.1%	1,477
Pierce	32	0.4%	810	0	0.0%	0	0	0.0%	0	32	0.3%	810
Polk	24	0.3%	790	0	0.0%	0	0	0.0%	0	24	0.3%	790
Rusk	12	0.2%	1,194	0	0.0%	0	0	0.0%	0	12	0.1%	1,194
St. Croix	31	0.4%	583	3	0.2%	56	0	0.0%	0	34	0.4%	639
Trempealeau	17	0.2%	955	0	0.0%	0	0	0.0%	0	17	0.2%	955
Washburn	5	0.1%	510	0	0.0%	0	0	0.0%	0	5	0.1%	510
Region total	585	7.4%	1,005	15	1.0%	26	0	0.0%	0	600	6.4%	1,031
Unknown												
Unknown	2	0.0%	-	0	0.0%	-	0	0.0%	-	2	0.0%	-
Region total	2	0.0%		0	0.0%		0	0.0%		2	0.0%	
Total	7,869	100.0%	1,948	1,542	100.0%	382	15	100.0%	4	9,426	100.0%	2,333

** Cases per 100,000 population.

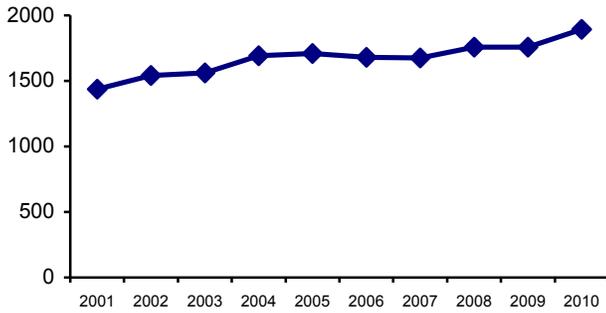
Wisconsin sexually transmitted disease surveillance report, 2011

Reported cases by year of diagnosis, past ten years

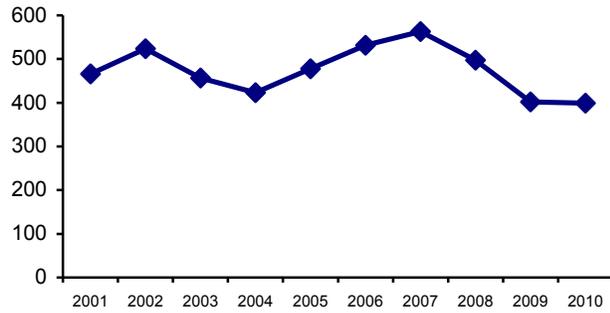
Persons 15-19 years of age

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2002	6,418	1,541	2,181	524	3	1	8,602	2,065
2003	6,479	1,562	1,893	456	6	1	8,378	2,020
2004	7,017	1,691	1,755	423	10	2	8,782	2,116
2005	7,091	1,710	1,982	478	2	0	9,075	2,188
2006	6,943	1,680	2,198	532	8	2	9,149	2,213
2007	6,900	1,676	2,317	563	11	3	9,228	2,241
2008	7,188	1,758	2,033	497	10	2	9,231	2,258
2009	7,102	1,758	1,624	402	14	3	8,740	2,163
2010	7,649	1,893	1,612	399	14	3	9,275	2,296

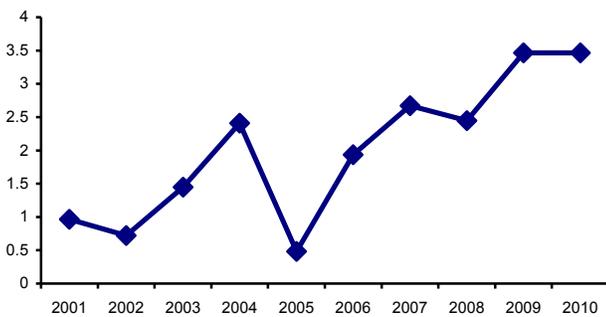
Chlamydia rate*



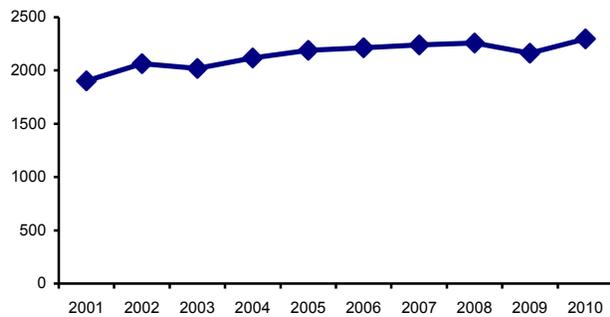
Gonorrhea rate*



Syphilis rate*



Total rate*



* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2011
Unadjusted* and imputed cases per 100,000 population by race**
Persons 15-19 years of age

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	734	927	7,959	11,307	2,574	2,996	652	915
Gonorrhea	54	68	2,450	3,297	201	241	48	86
Syphilis	0	0	37	37	0	0	0	0
Total	789	996	10,446	14,641	2,775	3,237	700	1,000

* 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