

Sexually Transmitted Disease in Wisconsin 2015



DEPARTMENT OF HEALTH SERVICES
Division of Public Health
Bureau of Communicable Diseases and
Emergency Preparedness
STD Control Section
P-00415A (05/16)

Wisconsin sexually transmitted disease surveillance report, 2015

Western Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	2,441	100.0%	320	199	100.0%	26	17	100.0%	2	2,657	100.0%	348
Sex												
Male	744	30.5%	196	111	55.8%	29	14	82.4%	4	869	32.7%	228
Female	1,696	69.5%	443	88	44.2%	23	3	17.6%	1	1,787	67.3%	467
Unknown	1	0.0%	-	0	0.0%	-	0	0.0%	-	1	0.0%	-
Race												
White	1,898	77.8%	257	133	66.8%	18	16	94.1%	2	2,047	77.0%	277
African American	106	4.3%	1,539	27	13.6%	392	0	0.0%	0	133	5.0%	1,931
American Indian	51	2.1%	702	9	4.5%	124	0	0.0%	0	60	2.3%	826
Asian/Pacific Islander	26	1.1%	231	5	2.5%	44	0	0.0%	0	31	1.2%	276
Other	51	2.1%	-	3	1.5%	-	1	5.9%	-	55	2.1%	-
Unknown	309	12.7%	-	22	11.1%	-	0	0.0%	-	331	12.5%	-
Hispanic ethnicity												
Hispanic	74	3.0%	707	1	0.5%	10	2	11.8%	19	77	2.9%	735
Not Hispanic	1,876	76.9%	249	157	78.9%	21	15	88.2%	2	2,048	77.1%	272
Unknown	491	20.1%	-	41	20.6%	-	0	0.0%	-	532	20.0%	-
Age												
0-4	0	0.0%	0	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	0	0.0%	0
10-14	6	0.2%	13	1	0.5%	2	0	0.0%	0	7	0.3%	15
15-19	594	24.3%	1,063	22	11.1%	39	0	0.0%	0	616	23.2%	1,103
20-24	1,105	45.3%	1,802	67	33.7%	109	3	17.6%	5	1,175	44.2%	1,916
25-29	415	17.0%	742	54	27.1%	97	2	11.8%	4	471	17.7%	842
30-34	196	8.0%	432	30	15.1%	66	2	11.8%	4	228	8.6%	502
35-39	73	3.0%	155	11	5.5%	23	5	29.4%	11	89	3.3%	189
40-44	28	1.1%	55	4	2.0%	8	2	11.8%	4	34	1.3%	67
45-49	14	0.6%	24	4	2.0%	7	0	0.0%	0	18	0.7%	31
50+	10	0.4%	4	6	3.0%	2	3	17.6%	1	19	0.7%	8
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	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	2,441	100.0%	320	199	100.0%	26	17	100.0%	2	2,657	100.0%	348
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

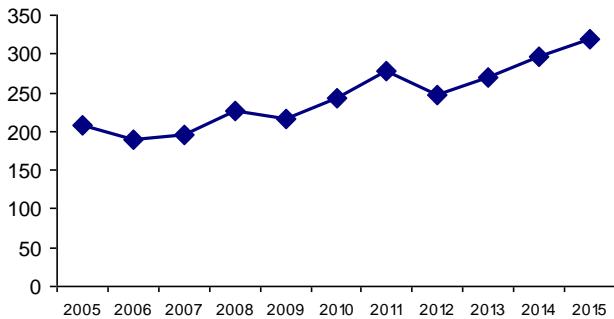
Wisconsin sexually transmitted disease surveillance report, 2015

Reported cases by year of diagnosis, past ten years

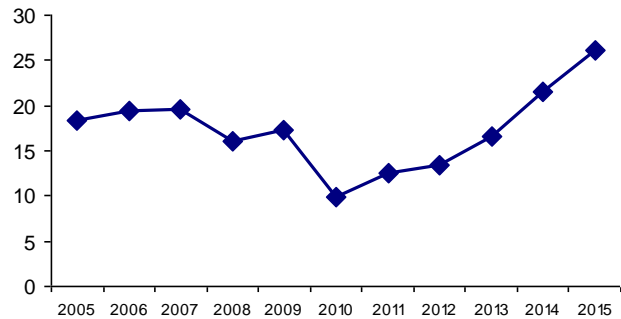
Western Region

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2006	1,433	190	146	19	3	0	1,582	210
2007	1,485	196	148	20	6	1	1,639	216
2008	1,722	226	123	16	3	0	1,848	242
2009	1,658	217	132	17	3	0	1,793	235
2010	1,849	242	75	10	9	1	1,933	253
2011	2,117	277	96	13	6	1	2,219	291
2012	1,886	247	102	13	8	1	1,996	261
2013	2,052	269	127	17	10	1	2,191	287
2014	2,258	296	164	21	17	2	2,439	319
2015	2,441	320	199	26	17	2	2,657	348

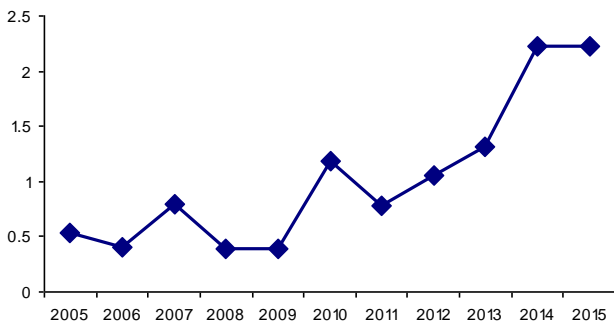
Chlamydia rate*



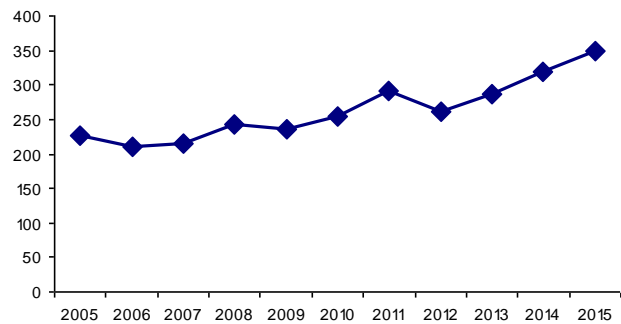
Gonorrhea rate*



Syphilis rate*



Total rate*



* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2015
Reported cases by region and county
Western Region

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Western												
Barron	134	5.5%	294	9	4.5%	20	1	5.9%	2	144	5.4%	316
Buffalo	25	1.0%	182	3	1.5%	22	0	0.0%	0	28	1.1%	204
Burnett	34	1.4%	210	5	2.5%	31	0	0.0%	0	39	1.5%	241
Chippewa	169	6.9%	280	14	7.0%	23	2	11.8%	3	185	7.0%	306
Clark	41	1.7%	122	0	0.0%	0	0	0.0%	0	41	1.5%	122
Douglas	137	5.6%	313	11	5.5%	25	0	0.0%	0	148	5.6%	338
Dunn	159	6.5%	372	10	5.0%	23	0	0.0%	0	169	6.4%	396
Eau Claire	420	17.2%	427	52	26.1%	53	4	23.5%	4	476	17.9%	484
Jackson	70	2.9%	352	8	4.0%	40	0	0.0%	0	78	2.9%	392
La Crosse	476	19.5%	423	48	24.1%	43	0	0.0%	0	524	19.7%	465
Monroe	168	6.9%	388	6	3.0%	14	3	17.6%	7	177	6.7%	408
Pepin	23	0.9%	313	1	0.5%	14	0	0.0%	0	24	0.9%	326
Pierce	154	6.3%	383	14	7.0%	35	1	5.9%	2	169	6.4%	420
Polk	98	4.0%	221	3	1.5%	7	0	0.0%	0	101	3.8%	228
Rusk	44	1.8%	306	0	0.0%	0	0	0.0%	0	44	1.7%	306
Saint Croix	181	7.4%	219	11	5.5%	13	6	35.3%	7	198	7.5%	240
Trempealeau	76	3.1%	273	3	1.5%	11	0	0.0%	0	79	3.0%	284
Washburn	32	1.3%	191	1	0.5%	6	0	0.0%	0	33	1.2%	197
Region total	2,441	100.0%	320	199	100.0%	26	17	100.0%	2	2,657	100.0%	348
Total	2,441	100.0%	320	199	100.0%	26	17	100.0%	2	2,657	100.0%	348

* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2015
Unadjusted* and imputed cases per 100,000 population by race**
Western Region

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	258	295	1,554	1,798	702	800	231	243
Gonorrhea	18	19	392	399	124	124	44	44
Syphilis	2	2	0	0	0	0	0	0
Total	278	316	1,946	2,197	826	924	276	287

* 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.

For more information contact:

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