

Sexually Transmitted Disease in Wisconsin 2014



DEPARTMENT OF HEALTH SERVICES
Division of Public Health
Bureau of Communicable Diseases and
Emergency Preparedness
STD Control Section
P-00415 (07/2015)

Wisconsin sexually transmitted disease surveillance report, 2014

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	22,837	100.0%	406	4,047	100.0%	72	284	100.0%	5	27,168	100.0%	483
Sex												
Male	6,833	29.9%	244	2,007	49.6%	72	246	86.6%	9	9,086	33.4%	325
Female	15,990	70.0%	565	2,035	50.3%	72	38	13.4%	1	18,063	66.5%	638
Unknown	14	0.1%	-	5	0.1%	-	0	0.0%	-	19	0.1%	-
Race												
White	9,902	43.4%	195	922	22.8%	18	110	38.7%	2	10,934	40.2%	215
African American	6,081	26.6%	1,674	2,024	50.0%	557	107	37.7%	29	8,212	30.2%	2,261
American Indian	318	1.4%	530	41	1.0%	68	2	0.7%	3	361	1.3%	602
Asian/Pacific Islander	321	1.4%	260	27	0.7%	22	4	1.4%	3	352	1.3%	285
Other	534	2.3%	-	76	1.9%	-	7	2.5%	-	617	2.3%	-
Unknown	5,681	24.9%	-	957	23.6%	-	54	19.0%	-	6,692	24.6%	-
Hispanic ethnicity												
Hispanic	1,200	5.3%	420	170	4.2%	59	30	10.6%	10	1,400	5.2%	490
Not Hispanic	12,476	54.6%	234	2,269	56.1%	42	219	77.1%	4	14,964	55.1%	280
Unknown	9,161	40.1%	-	1,608	39.7%	-	35	12.3%	-	10,804	39.8%	-
Age												
0-4	7	0.0%	2	0	0.0%	0	0	0.0%	0	7	0.0%	2
5-9	1	0.0%	0	0	0.0%	0	0	0.0%	0	1	0.0%	0
10-14	200	0.9%	55	40	1.0%	11	1	0.4%	0	241	0.9%	67
15-19	6,497	28.4%	1,633	1,054	26.0%	265	13	4.6%	3	7,564	27.8%	1,901
20-24	9,183	40.2%	2,337	1,409	34.8%	359	66	23.2%	17	10,658	39.2%	2,713
25-29	3,877	17.0%	1,020	745	18.4%	196	62	21.8%	16	4,684	17.2%	1,233
30-34	1,676	7.3%	494	366	9.0%	108	39	13.7%	11	2,081	7.7%	613
35-39	700	3.1%	192	187	4.6%	51	33	11.6%	9	920	3.4%	252
40-44	336	1.5%	83	77	1.9%	19	16	5.6%	4	429	1.6%	106
45-49	175	0.8%	39	63	1.6%	14	19	6.7%	4	257	0.9%	57
50+	173	0.8%	9	99	2.4%	5	34	12.0%	2	306	1.1%	17
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Region of residence												
Northeastern	3,586	15.7%	298	330	8.2%	27	17	6.0%	1	3,933	14.5%	326
Northern	1,223	5.4%	253	47	1.2%	10	2	0.7%	0	1,272	4.7%	263
Southeastern	12,084	52.9%	600	2,950	72.9%	146	194	68.3%	10	15,228	56.1%	756
Southern	3,657	16.0%	315	553	13.7%	48	54	19.0%	5	4,264	15.7%	367
Western	2,258	9.9%	296	164	4.1%	21	17	6.0%	2	2,439	9.0%	319
Unknown	29	0.1%	-	3	0.1%	-	0	0.0%	-	32	0.1%	-

* Demographic breakdown not available for diseases with less than 5 cases reported.

** Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2014

Reported cases by region and county

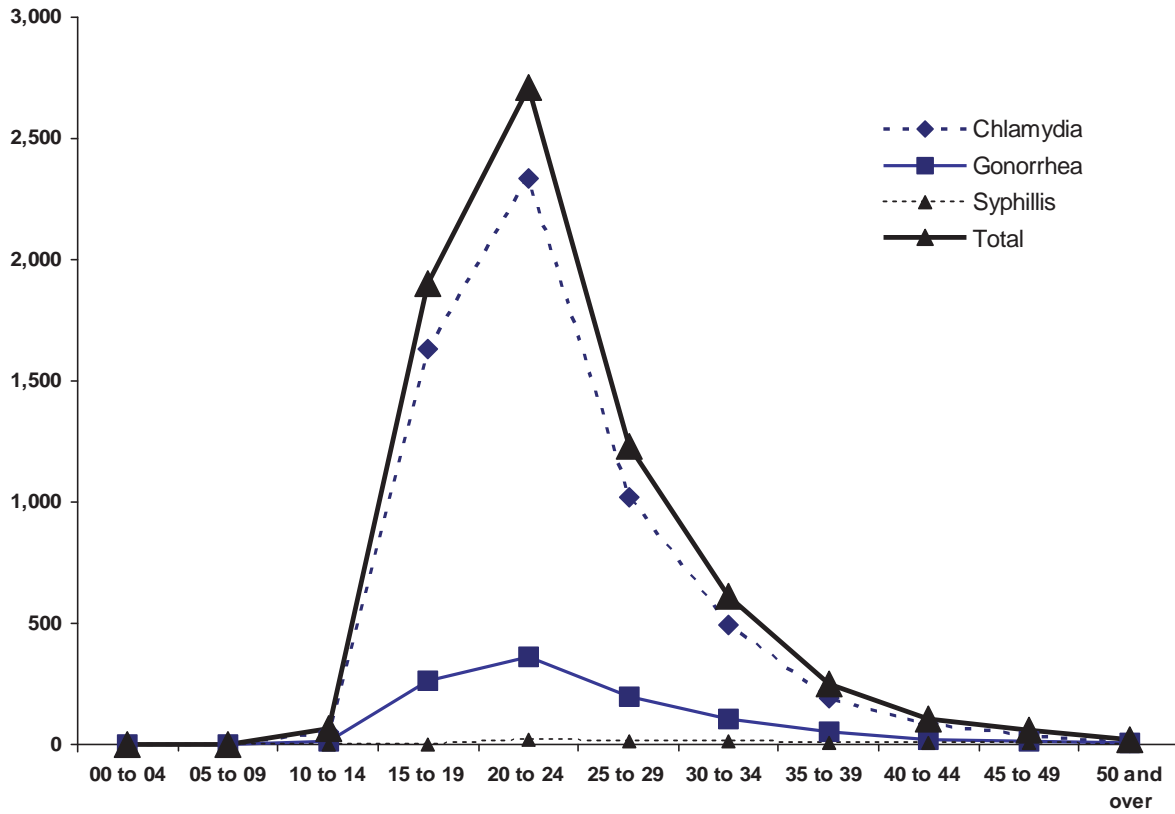
Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Northeastern												
Brown	931	4.1%	380	129	3.2%	53	2	0.7%	1	1,062	3.9%	433
Calumet	80	0.4%	179	7	0.2%	16	0	0.0%	0	87	0.3%	195
Door	51	0.2%	184	2	0.0%	7	0	0.0%	0	53	0.2%	191
Fond du lac	336	1.5%	338	19	0.5%	19	2	0.7%	2	357	1.3%	359
Green Lake	35	0.2%	189	2	0.0%	11	0	0.0%	0	37	0.1%	199
Kewaunee	35	0.2%	172	3	0.1%	15	0	0.0%	0	38	0.1%	186
Manitowoc	209	0.9%	259	4	0.1%	5	4	1.4%	5	217	0.8%	269
Marinette	74	0.3%	175	4	0.1%	9	0	0.0%	0	78	0.3%	184
Marquette	14	0.1%	93	0	0.0%	0	0	0.0%	0	14	0.1%	93
Menominee	54	0.2%	1,181	0	0.0%	0	0	0.0%	0	54	0.2%	1,181
Oconto	70	0.3%	187	3	0.1%	8	0	0.0%	0	73	0.3%	195
Outagamie	528	2.3%	302	52	1.3%	30	3	1.1%	2	583	2.1%	333
Shawano	97	0.4%	237	6	0.1%	15	0	0.0%	0	103	0.4%	251
Sheboygan	332	1.5%	290	35	0.9%	31	5	1.8%	4	372	1.4%	325
Waupaca	118	0.5%	228	7	0.2%	13	0	0.0%	0	125	0.5%	241
Waushara	34	0.1%	137	2	0.0%	8	0	0.0%	0	36	0.1%	145
Winnebago	588	2.6%	363	55	1.4%	34	1	0.4%	1	644	2.4%	397
Region total	3,586	15.7%	298	330	8.2%	27	17	6.0%	1	3,933	14.5%	326
Northern												
Ashland	25	0.1%	153	1	0.0%	6	0	0.0%	0	26	0.1%	160
Bayfield	14	0.1%	94	2	0.0%	13	0	0.0%	0	16	0.1%	107
Florence	3	0.0%	64	0	0.0%	0	0	0.0%	0	3	0.0%	64
Forest	36	0.2%	366	2	0.0%	20	0	0.0%	0	38	0.1%	386
Iron	11	0.0%	178	0	0.0%	0	0	0.0%	0	11	0.0%	178
Langlade	27	0.1%	134	1	0.0%	5	0	0.0%	0	28	0.1%	139
Lincoln	88	0.4%	298	3	0.1%	10	0	0.0%	0	91	0.3%	308
Marathon	352	1.5%	269	18	0.4%	14	2	0.7%	2	372	1.4%	284
Oneida	69	0.3%	192	4	0.1%	11	0	0.0%	0	73	0.3%	203
Portage	202	0.9%	294	7	0.2%	10	0	0.0%	0	209	0.8%	304
Price	34	0.1%	238	0	0.0%	0	0	0.0%	0	34	0.1%	238
Sawyer	64	0.3%	374	6	0.1%	35	0	0.0%	0	70	0.3%	409
Taylor	37	0.2%	192	1	0.0%	5	0	0.0%	0	38	0.1%	197
Vilas	43	0.2%	196	0	0.0%	0	0	0.0%	0	43	0.2%	196
Wood	218	1.0%	296	2	0.0%	3	0	0.0%	0	220	0.8%	298
Region total	1,223	5.4%	253	47	1.2%	10	2	0.7%	0	1,272	4.7%	263
Southeastern												
Kenosha	767	3.4%	466	193	4.8%	117	5	1.8%	3	965	3.6%	587
Milwaukee	9,265	40.6%	972	2,476	61.2%	260	171	60.2%	18	11,912	43.8%	1,250
Ozaukee	126	0.6%	147	9	0.2%	10	4	1.4%	5	139	0.5%	162
Racine	801	3.5%	401	161	4.0%	81	6	2.1%	3	968	3.6%	485
Walworth	232	1.0%	230	11	0.3%	11	0	0.0%	0	243	0.9%	241
Washington	250	1.1%	193	28	0.7%	22	3	1.1%	2	281	1.0%	217
Waukesha	643	2.8%	169	72	1.8%	19	5	1.8%	1	720	2.7%	189
Region total	12,084	52.9%	600	2,950	72.9%	146	194	68.3%	10	15,228	56.1%	756

Wisconsin STD Program data

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Southern												
Adams	49	0.2%	241	2	0.0%	10	0	0.0%	0	51	0.2%	251
Columbia	104	0.5%	188	6	0.1%	11	0	0.0%	0	110	0.4%	199
Crawford	30	0.1%	178	5	0.1%	30	0	0.0%	0	35	0.1%	207
Dane	1,900	8.3%	394	399	9.9%	83	47	16.5%	10	2,346	8.6%	486
Dodge	144	0.6%	164	10	0.2%	11	1	0.4%	1	155	0.6%	176
Grant	107	0.5%	217	7	0.2%	14	0	0.0%	0	114	0.4%	232
Green	83	0.4%	230	2	0.0%	6	0	0.0%	0	85	0.3%	236
Iowa	34	0.1%	144	2	0.0%	8	1	0.4%	4	37	0.1%	157
Jefferson	167	0.7%	207	14	0.3%	17	1	0.4%	1	182	0.7%	225
Juneau	76	0.3%	285	1	0.0%	4	0	0.0%	0	77	0.3%	289
Lafayette	23	0.1%	145	0	0.0%	0	1	0.4%	6	24	0.1%	151
Richland	41	0.2%	228	3	0.1%	17	0	0.0%	0	44	0.2%	245
Rock	670	2.9%	418	94	2.3%	59	3	1.1%	2	767	2.8%	479
Sauk	188	0.8%	319	7	0.2%	12	0	0.0%	0	195	0.7%	330
Vernon	41	0.2%	141	1	0.0%	3	0	0.0%	0	42	0.2%	144
Region total	3,657	16.0%	315	553	13.7%	48	54	19.0%	5	4,264	15.7%	367
Western												
Barron	132	0.6%	290	3	0.1%	7	0	0.0%	0	135	0.5%	296
Buffalo	15	0.1%	109	0	0.0%	0	0	0.0%	0	15	0.1%	109
Burnett	25	0.1%	154	1	0.0%	6	0	0.0%	0	26	0.1%	161
Chippewa	168	0.7%	278	10	0.2%	17	1	0.4%	2	179	0.7%	296
Clark	53	0.2%	158	1	0.0%	3	0	0.0%	0	54	0.2%	161
Douglas	156	0.7%	356	9	0.2%	21	0	0.0%	0	165	0.6%	377
Dunn	143	0.6%	335	6	0.1%	14	0	0.0%	0	149	0.5%	349
Eau Claire	388	1.7%	395	39	1.0%	40	7	2.5%	7	434	1.6%	442
Jackson	62	0.3%	311	8	0.2%	40	0	0.0%	0	70	0.3%	352
La Crosse	469	2.1%	416	42	1.0%	37	3	1.1%	3	514	1.9%	456
Monroe	145	0.6%	334	9	0.2%	21	1	0.4%	2	155	0.6%	358
Pepin	12	0.1%	163	0	0.0%	0	0	0.0%	0	12	0.0%	163
Pierce	129	0.6%	320	14	0.3%	35	0	0.0%	0	143	0.5%	355
Polk	82	0.4%	185	7	0.2%	16	0	0.0%	0	89	0.3%	201
Rusk	39	0.2%	271	1	0.0%	7	0	0.0%	0	40	0.1%	278
Saint Croix	141	0.6%	171	11	0.3%	13	2	0.7%	2	154	0.6%	187
Trempealeau	61	0.3%	220	3	0.1%	11	3	1.1%	11	67	0.2%	241
Washburn	38	0.2%	227	0	0.0%	0	0	0.0%	0	38	0.1%	227
Region total	2,258	9.9%	296	164	4.1%	21	17	6.0%	2	2,439	9.0%	319
Unknown												
Unknown	29	0.1%	-	3	0.1%	-	0	0.0%	-	32	0.1%	-
Region total	29	0.1%		3	0.1%		0	0.0%		32	0.1%	
Total	22,837	100.0%	406	4,047	100.0%	72	284	100.0%	5	27,168	100.0%	483

* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2014 Age-specific sexually transmitted disease rates*



* Cases per 100,000 population.

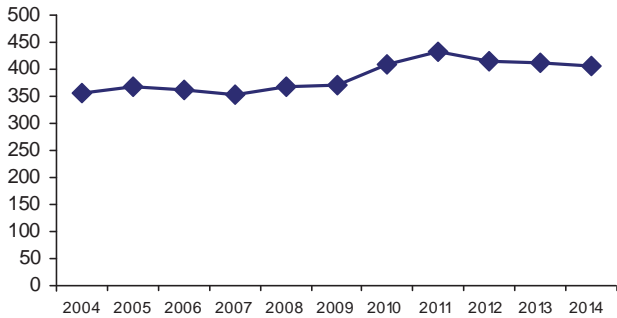
Wisconsin STD Program data

Wisconsin sexually transmitted disease surveillance report, 2014

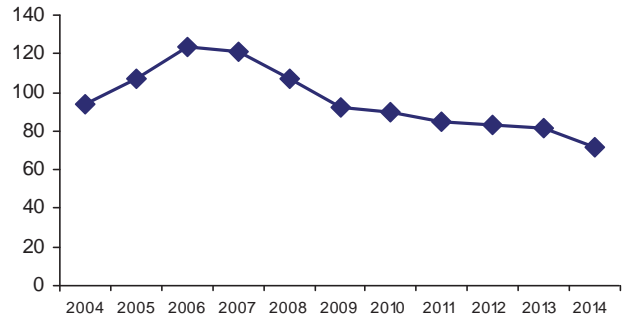
Reported cases by year of diagnosis, past ten years

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2005	20,372	368	5,923	107	136	2	26,431	477
2006	20,091	361	6,883	124	160	3	27,134	487
2007	19,827	354	6,787	121	165	3	26,779	478
2008	20,720	368	6,034	107	193	3	26,947	479
2009	20,895	371	5,206	93	164	3	26,265	467
2010	23,000	409	5,074	90	183	3	28,257	502
2011	24,254	431	4,761	85	198	4	29,213	519
2012	23,353	415	4,692	83	266	5	28,311	503
2013	23,204	440	4,573	81	255	5	28,040	498
2014	22,837	406	4,047	72	284	5	27,168	483

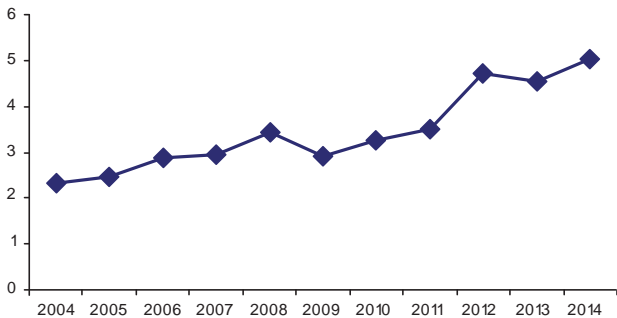
Chlamydia rate*



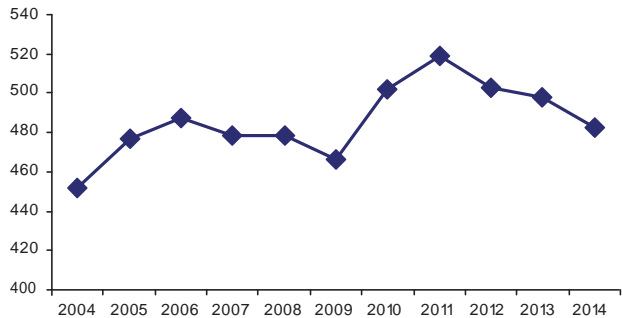
Gonorrhea rate*



Syphilis rate*



Total rate*



* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2014

Unadjusted* and imputed** cases per 100,000 population by race

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	195	245	1,674	2,547	530	611	260	332
Gonorrhea	18	22	557	758	68	78	22	25
Syphilis	2	3	29	37	3	3	3	3
Total	215	270	2,261	3,342	602	693	285	361

* 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 underestimates 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 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:

Wisconsin STD Control Section
1 West Wilson Street
PO Box 2659
Madison, WI 53701-2659
Telephone: 608-266-8479