

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-00412A (07/2015)

Wisconsin sexually transmitted disease surveillance report, 2014

Persons 20-24 years of age

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	9,183	100.0%	2,337	1,409	100.0%	359	66	100.0%	17	10,658	100.0%	2,713
Sex												
Male	2,714	29.6%	1,358	659	46.8%	330	58	87.9%	29	3,431	32.2%	1,716
Female	6,468	70.4%	3,352	749	53.2%	388	8	12.1%	4	7,225	67.8%	3,744
Unknown	1	0.0%	-	1	0.1%	-	0	0.0%	-	2	0.0%	-
Race												
White	4,260	46.4%	1,224	312	22.1%	90	17	25.8%	5	4,589	43.1%	1,318
African American	2,365	25.8%	7,916	734	52.1%	2,457	32	48.5%	107	3,131	29.4%	10,480
American Indian	130	1.4%	2,580	11	0.8%	218	1	1.5%	20	142	1.3%	2,818
Asian/Pacific Islander	119	1.3%	1,213	5	0.4%	51	0	0.0%	0	124	1.2%	1,264
Other	199	2.2%	-	31	2.2%	-	0	0.0%	-	230	2.2%	-
Unknown	2,110	23.0%	-	316	22.4%	-	16	24.2%	-	2,442	22.9%	-
Hispanic ethnicity												
Hispanic	446	4.9%	2,043	62	4.4%	284	5	7.6%	23	513	4.8%	2,350
Not Hispanic	5,178	56.4%	1,396	791	56.1%	213	48	72.7%	13	6,017	56.5%	1,622
Unknown	3,559	38.8%	-	556	39.5%	-	13	19.7%	-	4,128	38.7%	-
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	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
20-24	9,183	100.0%	2,337	1,409	100.0%	359	66	100.0%	17	10,658	100.0%	2,713
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	1,495	16.3%	1,929	118	8.4%	152	0	0.0%	0	1,613	15.1%	2,081
Northern	474	5.2%	1,494	15	1.1%	47	0	0.0%	0	489	4.6%	1,541
Southeastern	4,640	50.5%	3,486	1,036	73.5%	778	50	75.8%	38	5,726	53.7%	4,302
Southern	1,553	16.9%	1,741	168	11.9%	188	11	16.7%	12	1,732	16.3%	1,941
Western	1,008	11.0%	1,643	71	5.0%	116	5	7.6%	8	1,084	10.2%	1,767
Unknown	13	0.1%	-	1	0.1%	-	0	0.0%	-	14	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
Persons 20-24 years of age

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Northeastern												
Brown	362	3.9%	2,188	47	3.3%	284	0	0.0%	0	409	3.8%	2,472
Calumet	28	0.3%	1,120	2	0.1%	80	0	0.0%	0	30	0.3%	1,200
Door	26	0.3%	1,913	2	0.1%	147	0	0.0%	0	28	0.3%	2,060
Fond du lac	135	1.5%	2,029	8	0.6%	120	0	0.0%	0	143	1.3%	2,149
Green Lake	22	0.2%	2,285	2	0.1%	208	0	0.0%	0	24	0.2%	2,492
Kewaunee	16	0.2%	1,300	2	0.1%	162	0	0.0%	0	18	0.2%	1,462
Manitowoc	97	1.1%	2,078	3	0.2%	64	0	0.0%	0	100	0.9%	2,142
Marinette	31	0.3%	1,169	3	0.2%	113	0	0.0%	0	34	0.3%	1,282
Marquette	3	0.0%	378	0	0.0%	0	0	0.0%	0	3	0.0%	378
Menominee	20	0.2%	5,602	0	0.0%	0	0	0.0%	0	20	0.2%	5,602
Oconto	25	0.3%	1,175	1	0.1%	47	0	0.0%	0	26	0.2%	1,222
Outagamie	218	2.4%	1,922	13	0.9%	115	0	0.0%	0	231	2.2%	2,037
Shawano	39	0.4%	1,733	0	0.0%	0	0	0.0%	0	39	0.4%	1,733
Sheboygan	129	1.4%	1,893	9	0.6%	132	0	0.0%	0	138	1.3%	2,025
Waupaca	54	0.6%	1,925	4	0.3%	143	0	0.0%	0	58	0.5%	2,068
Waushara	12	0.1%	785	1	0.1%	65	0	0.0%	0	13	0.1%	851
Winnebago	278	3.0%	2,151	21	1.5%	163	0	0.0%	0	299	2.8%	2,314
Region total	1,495	16.3%	1,929	118	8.4%	152	0	0.0%	0	1,613	15.1%	2,081
Northern												
Ashland	7	0.1%	541	1	0.1%	77	0	0.0%	0	8	0.1%	618
Bayfield	7	0.1%	773	1	0.1%	110	0	0.0%	0	8	0.1%	884
Florence	1	0.0%	446	0	0.0%	0	0	0.0%	0	1	0.0%	446
Forest	14	0.2%	2,333	0	0.0%	0	0	0.0%	0	14	0.1%	2,333
Iron	3	0.0%	997	0	0.0%	0	0	0.0%	0	3	0.0%	997
Langlade	11	0.1%	1,018	0	0.0%	0	0	0.0%	0	11	0.1%	1,018
Lincoln	29	0.3%	1,826	0	0.0%	0	0	0.0%	0	29	0.3%	1,826
Marathon	127	1.4%	1,660	6	0.4%	78	0	0.0%	0	133	1.2%	1,739
Oneida	34	0.4%	1,707	1	0.1%	50	0	0.0%	0	35	0.3%	1,757
Portage	99	1.1%	1,222	5	0.4%	62	0	0.0%	0	104	1.0%	1,283
Price	14	0.2%	1,864	0	0.0%	0	0	0.0%	0	14	0.1%	1,864
Sawyer	25	0.3%	2,612	1	0.1%	104	0	0.0%	0	26	0.2%	2,717
Taylor	19	0.2%	1,716	0	0.0%	0	0	0.0%	0	19	0.2%	1,716
Vilas	17	0.2%	1,650	0	0.0%	0	0	0.0%	0	17	0.2%	1,650
Wood	67	0.7%	1,616	0	0.0%	0	0	0.0%	0	67	0.6%	1,616
Region total	474	5.2%	1,494	15	1.1%	47	0	0.0%	0	489	4.6%	1,541
Southeastern												
Kenosha	329	3.6%	3,104	79	5.6%	745	1	1.5%	9	409	3.8%	3,859
Milwaukee	3,490	38.0%	5,434	866	61.5%	1,348	45	68.2%	70	4,401	41.3%	6,853
Ozaukee	50	0.5%	878	3	0.2%	53	2	3.0%	35	55	0.5%	966
Racine	300	3.3%	2,431	54	3.8%	438	1	1.5%	8	355	3.3%	2,877
Walworth	109	1.2%	1,226	7	0.5%	79	0	0.0%	0	116	1.1%	1,304
Washington	105	1.1%	1,382	8	0.6%	105	1	1.5%	13	114	1.1%	1,500
Waukesha	257	2.8%	1,082	19	1.3%	80	0	0.0%	0	276	2.6%	1,162
Region total	4,640	50.5%	3,486	1,036	73.5%	778	50	75.8%	38	5,726	53.7%	4,302

Wisconsin STD Program data

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Southern												
Adams	21	0.2%	2,121	2	0.1%	202	0	0.0%	0	23	0.2%	2,323
Columbia	45	0.5%	1,418	2	0.1%	63	0	0.0%	0	47	0.4%	1,481
Crawford	10	0.1%	855	1	0.1%	86	0	0.0%	0	11	0.1%	941
Dane	806	8.8%	1,765	126	8.9%	276	10	15.2%	22	942	8.8%	2,063
Dodge	55	0.6%	971	1	0.1%	18	0	0.0%	0	56	0.5%	989
Grant	59	0.6%	1,090	0	0.0%	0	0	0.0%	0	59	0.6%	1,090
Green	38	0.4%	1,867	1	0.1%	49	0	0.0%	0	39	0.4%	1,916
Iowa	14	0.2%	1,057	1	0.1%	76	0	0.0%	0	15	0.1%	1,133
Jefferson	72	0.8%	1,320	7	0.5%	128	0	0.0%	0	79	0.7%	1,449
Juneau	44	0.5%	2,655	0	0.0%	0	0	0.0%	0	44	0.4%	2,655
Lafayette	10	0.1%	980	0	0.0%	0	0	0.0%	0	10	0.1%	980
Richland	14	0.2%	1,351	0	0.0%	0	0	0.0%	0	14	0.1%	1,351
Rock	278	3.0%	2,880	23	1.6%	238	1	1.5%	10	302	2.8%	3,128
Sauk	69	0.8%	2,088	4	0.3%	121	0	0.0%	0	73	0.7%	2,209
Vernon	18	0.2%	1,085	0	0.0%	0	0	0.0%	0	18	0.2%	1,085
Region total	1,553	16.9%	1,741	168	11.9%	188	11	16.7%	12	1,732	16.3%	1,941
Western												
Barron	52	0.6%	1,970	0	0.0%	0	0	0.0%	0	52	0.5%	1,970
Buffalo	6	0.1%	791	0	0.0%	0	0	0.0%	0	6	0.1%	791
Burnett	12	0.1%	1,560	0	0.0%	0	0	0.0%	0	12	0.1%	1,560
Chippewa	61	0.7%	1,513	6	0.4%	149	0	0.0%	0	67	0.6%	1,661
Clark	25	0.3%	1,406	0	0.0%	0	0	0.0%	0	25	0.2%	1,406
Douglas	58	0.6%	1,898	2	0.1%	65	0	0.0%	0	60	0.6%	1,963
Dunn	93	1.0%	1,617	2	0.1%	35	0	0.0%	0	95	0.9%	1,652
Eau Claire	194	2.1%	1,715	18	1.3%	159	2	3.0%	18	214	2.0%	1,892
Jackson	30	0.3%	2,224	5	0.4%	371	0	0.0%	0	35	0.3%	2,595
La Crosse	208	2.3%	1,780	17	1.2%	145	1	1.5%	9	226	2.1%	1,934
Monroe	55	0.6%	2,170	4	0.3%	158	0	0.0%	0	59	0.6%	2,328
Pepin	3	0.0%	645	0	0.0%	0	0	0.0%	0	3	0.0%	645
Pierce	66	0.7%	1,464	10	0.7%	222	0	0.0%	0	76	0.7%	1,686
Polk	43	0.5%	1,725	1	0.1%	40	0	0.0%	0	44	0.4%	1,765
Rusk	15	0.2%	1,691	1	0.1%	113	0	0.0%	0	16	0.2%	1,804
Saint Croix	57	0.6%	1,149	4	0.3%	81	2	3.0%	40	63	0.6%	1,270
Trempealeau	19	0.2%	1,307	1	0.1%	69	0	0.0%	0	20	0.2%	1,376
Washburn	11	0.1%	1,222	0	0.0%	0	0	0.0%	0	11	0.1%	1,222
Region total	1,008	11.0%	1,643	71	5.0%	116	5	7.6%	8	1,084	10.2%	1,767
Unknown												
Unknown	13	0.1%	-	1	0.1%	-	0	0.0%	-	14	0.1%	-
Region total	13	0.1%		1	0.1%		0	0.0%		14	0.1%	
Total	9,183	100.0%	2,337	1,409	100.0%	359	66	100.0%	17	10,658	100.0%	2,713

* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2014
Unadjusted* and imputed cases per 100,000 population by race**
Persons 20-24 years of age

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	1,224	1,521	7,916	11,746	2,580	3,009	1,213	1,533
Gonorrhea	90	110	2,457	3,275	218	224	51	62
Syphilis	5	5	107	147	20	20	0	0
Total	1,318	1,637	10,480	15,168	2,818	3,253	1,264	1,595

* 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.

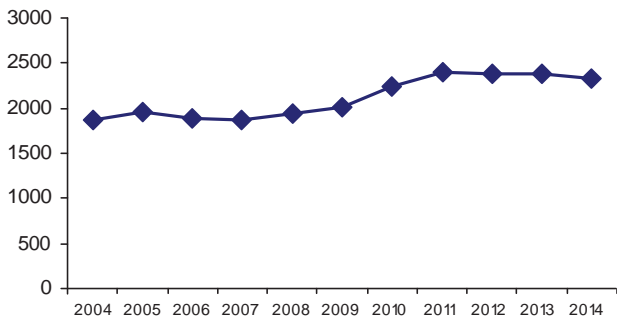
Wisconsin sexually transmitted disease surveillance report, 2014

Reported cases by year of diagnosis, past ten years

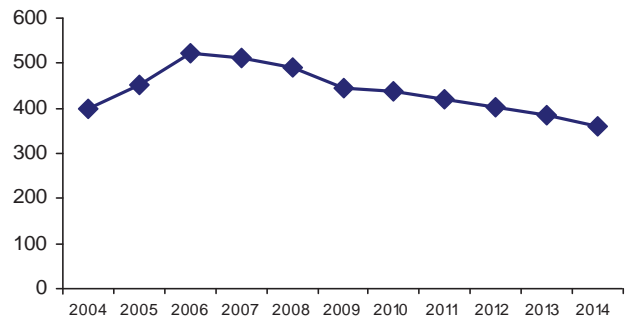
Persons 20-24 years of age

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2005	7,780	1,951	1,796	450	11	3	9,587	2,404
2006	7,512	1,890	2,073	522	17	4	9,602	2,416
2007	7,355	1,873	2,004	510	23	6	9,382	2,390
2008	7,628	1,942	1,931	492	30	8	9,589	2,441
2009	7,919	2,016	1,743	444	33	8	9,695	2,468
2010	8,808	2,242	1,722	438	44	11	10,574	2,691
2011	9,455	2,407	1,648	419	39	10	11,142	2,836
2012	9,365	2,384	1,583	403	56	14	11,004	2,801
2013	9,344	2,378	2,378	605	45	11	10,907	2,776
2014	9,183	2,337	1,409	359	66	17	10,658	2,713

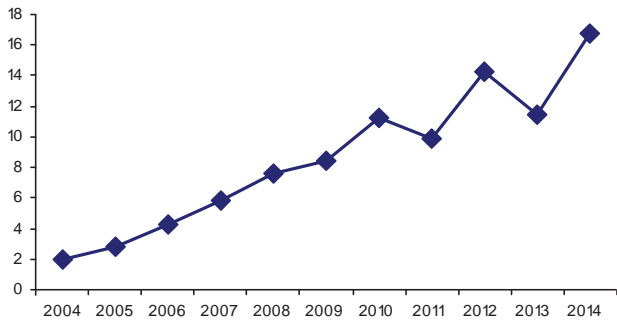
Chlamydia rate*



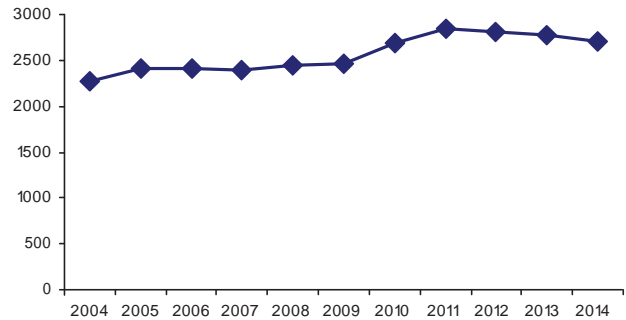
Gonorrhea rate*



Syphilis rate*



Total rate*



* Cases per 100,000 population.

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:

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