

Sexually Transmitted Disease in Wisconsin 2013



DEPARTMENT OF HEALTH SERVICES
Division of Public Health
Bureau of Communicable Diseases and
Emergency Preparedness
STD Control Section
P-00412A (05/14)

Wisconsin sexually transmitted disease surveillance report, 2013

Persons 20-24 years of age

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	9,344	100.0%	2,378	1,515	100.0%	386	45	100.0%	11	10,907	100.0%	2,776
Sex												
Male	2,712	29.0%	1,357	697	46.0%	349	32	71.1%	16	3,441	31.5%	1,721
Female	6,627	70.9%	3,434	818	54.0%	424	13	28.9%	7	7,461	68.4%	3,866
Unknown	5	0.1%	-	0	0.0%	-	0	0.0%	-	5	0.0%	-
Race												
White	4,303	46.1%	1,236	310	20.5%	89	13	28.9%	4	4,628	42.4%	1,329
African American	2,474	26.5%	8,281	849	56.0%	2,842	28	62.2%	94	3,351	30.7%	11,217
American Indian	143	1.5%	2,838	21	1.4%	417	0	0.0%	0	164	1.5%	3,255
Asian/Pacific Islander	115	1.2%	1,172	13	0.9%	133	0	0.0%	0	129	1.2%	1,315
Other	241	2.6%	-	24	1.6%	-	0	0.0%	-	265	2.4%	-
Unknown	2,063	22.1%	-	298	19.7%	-	4	8.9%	-	2,365	21.7%	-
Hispanic ethnicity												
Hispanic	515	5.5%	2,359	39	2.6%	179	5	11.1%	23	559	5.1%	2,561
Not Hispanic	5,446	58.3%	1,468	856	56.5%	231	40	88.9%	11	6,345	58.2%	1,710
Unknown	3,347	35.8%	-	619	40.9%	-	0	0.0%	-	3,966	36.4%	-
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	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
20-24	9,344	100.0%	2,378	1,515	100.0%	386	45	100.0%	11	10,907	100.0%	2,776
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	1,563	16.7%	2,017	144	9.5%	186	3	6.7%	4	1,711	15.7%	2,207
Northern	479	5.1%	1,510	18	1.2%	57	0	0.0%	0	497	4.6%	1,566
Southeastern	4,750	50.8%	3,569	1,168	77.1%	878	30	66.7%	23	5,948	54.5%	4,469
Southern	1,608	17.2%	1,802	156	10.3%	175	9	20.0%	10	1,775	16.3%	1,990
Western	935	10.0%	1,524	28	1.8%	46	3	6.7%	5	966	8.9%	1,575
Unknown	9	0.1%	-	1	0.1%	-	0	0.0%	-	10	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, 2013

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	412	4.4%	2,490	77	5.1%	465	1	2.2%	6	490	4.5%	2,962
Calumet	54	0.6%	2,160	0	0.0%	0	0	0.0%	0	54	0.5%	2,160
Door	23	0.2%	1,692	2	0.1%	147	0	0.0%	0	25	0.2%	1,840
Fond du lac	121	1.3%	1,819	7	0.5%	105	0	0.0%	0	128	1.2%	1,924
Green Lake	15	0.2%	1,558	0	0.0%	0	0	0.0%	0	15	0.1%	1,558
Kewaunee	10	0.1%	812	1	0.1%	81	0	0.0%	0	11	0.1%	894
Manitowoc	90	1.0%	1,928	3	0.2%	64	0	0.0%	0	93	0.9%	1,992
Marinette	35	0.4%	1,320	3	0.2%	113	0	0.0%	0	38	0.3%	1,433
Marquette	3	0.0%	378	0	0.0%	0	0	0.0%	0	3	0.0%	378
Menominee	25	0.3%	7,003	1	0.1%	280	0	0.0%	0	26	0.2%	7,283
Oconto	37	0.4%	1,739	1	0.1%	47	0	0.0%	0	38	0.3%	1,786
Outagamie	247	2.6%	2,178	23	1.5%	203	1	2.2%	9	271	2.5%	2,390
Shawano	33	0.4%	1,467	2	0.1%	89	0	0.0%	0	35	0.3%	1,556
Sheboygan	133	1.4%	1,952	9	0.6%	132	1	2.2%	15	143	1.3%	2,099
Waupaca	63	0.7%	2,246	1	0.1%	36	0	0.0%	0	64	0.6%	2,282
Waushara	11	0.1%	720	0	0.0%	0	0	0.0%	0	11	0.1%	720
Winnebago	251	2.7%	1,942	14	0.9%	108	0	0.0%	0	266	2.4%	2,059
Region total	1,563	16.7%	2,017	144	9.5%	186	3	6.7%	4	1,711	15.7%	2,207
Northern												
Ashland	10	0.1%	773	0	0.0%	0	0	0.0%	0	10	0.1%	773
Bayfield	5	0.1%	552	0	0.0%	0	0	0.0%	0	5	0.0%	552
Florence	2	0.0%	893	0	0.0%	0	0	0.0%	0	2	0.0%	893
Forest	29	0.3%	4,833	1	0.1%	167	0	0.0%	0	30	0.3%	5,000
Iron	3	0.0%	997	0	0.0%	0	0	0.0%	0	3	0.0%	997
Langlade	13	0.1%	1,203	1	0.1%	93	0	0.0%	0	14	0.1%	1,295
Lincoln	25	0.3%	1,574	1	0.1%	63	0	0.0%	0	26	0.2%	1,637
Marathon	118	1.3%	1,543	10	0.7%	131	0	0.0%	0	128	1.2%	1,673
Oneida	21	0.2%	1,054	0	0.0%	0	0	0.0%	0	21	0.2%	1,054
Portage	94	1.0%	1,160	3	0.2%	37	0	0.0%	0	97	0.9%	1,197
Price	11	0.1%	1,465	0	0.0%	0	0	0.0%	0	11	0.1%	1,465
Sawyer	17	0.2%	1,776	0	0.0%	0	0	0.0%	0	17	0.2%	1,776
Taylor	24	0.3%	2,168	0	0.0%	0	0	0.0%	0	24	0.2%	2,168
Vilas	12	0.1%	1,165	0	0.0%	0	0	0.0%	0	12	0.1%	1,165
Wood	95	1.0%	2,292	2	0.1%	48	0	0.0%	0	97	0.9%	2,340
Region total	479	5.1%	1,510	18	1.2%	57	0	0.0%	0	497	4.6%	1,566
Southeastern												
Kenosha	316	3.4%	2,982	64	4.2%	604	0	0.0%	0	380	3.5%	3,586
Milwaukee	3,544	37.9%	5,519	974	64.3%	1,517	26	57.8%	40	4,544	41.7%	7,076
Ozaukee	60	0.6%	1,054	9	0.6%	158	1	2.2%	18	70	0.6%	1,230
Racine	275	2.9%	2,228	68	4.5%	551	3	6.7%	24	346	3.2%	2,804
Walworth	154	1.6%	1,732	9	0.6%	101	0	0.0%	0	163	1.5%	1,833
Washington	129	1.4%	1,697	21	1.4%	276	0	0.0%	0	150	1.4%	1,974
Waukesha	272	2.9%	1,145	23	1.5%	97	0	0.0%	0	295	2.7%	1,242
Region total	4,750	50.8%	3,569	1,168	77.1%	878	30	66.7%	23	5,948	54.5%	4,469

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Southern												
Adams	11	0.1%	1,111	0	0.0%	0	0	0.0%	0	11	0.1%	1,111
Columbia	52	0.6%	1,639	3	0.2%	95	0	0.0%	0	55	0.5%	1,733
Crawford	9	0.1%	770	0	0.0%	0	0	0.0%	0	9	0.1%	770
Dane	887	9.5%	1,942	108	7.1%	236	7	15.6%	15	1,003	9.2%	2,196
Dodge	82	0.9%	1,448	3	0.2%	53	0	0.0%	0	86	0.8%	1,519
Grant	66	0.7%	1,220	4	0.3%	74	0	0.0%	0	70	0.6%	1,293
Green	38	0.4%	1,867	0	0.0%	0	0	0.0%	0	38	0.3%	1,867
Iowa	12	0.1%	906	2	0.1%	151	0	0.0%	0	14	0.1%	1,057
Jefferson	77	0.8%	1,412	3	0.2%	55	0	0.0%	0	80	0.7%	1,467
Juneau	19	0.2%	1,147	3	0.2%	181	0	0.0%	0	22	0.2%	1,328
Lafayette	11	0.1%	1,078	1	0.1%	98	0	0.0%	0	12	0.1%	1,176
Richland	10	0.1%	965	0	0.0%	0	0	0.0%	0	10	0.1%	965
Rock	264	2.8%	2,735	25	1.7%	259	2	4.4%	21	291	2.7%	3,014
Sauk	65	0.7%	1,967	4	0.3%	121	0	0.0%	0	69	0.6%	2,088
Vernon	5	0.1%	301	0	0.0%	0	0	0.0%	0	5	0.0%	301
Region total	1,608	17.2%	1,802	156	10.3%	175	9	20.0%	10	1,775	16.3%	1,990
Western												
Barron	46	0.5%	1,742	2	0.1%	76	0	0.0%	0	48	0.4%	1,818
Buffalo	7	0.1%	922	0	0.0%	0	0	0.0%	0	7	0.1%	922
Burnett	10	0.1%	1,300	1	0.1%	130	0	0.0%	0	11	0.1%	1,430
Chippewa	69	0.7%	1,711	1	0.1%	25	0	0.0%	0	70	0.6%	1,736
Clark	27	0.3%	1,519	0	0.0%	0	0	0.0%	0	27	0.2%	1,519
Douglas	79	0.8%	2,585	2	0.1%	65	1	2.2%	33	82	0.8%	2,683
Dunn	53	0.6%	922	1	0.1%	17	0	0.0%	0	54	0.5%	939
Eau Claire	176	1.9%	1,556	5	0.3%	44	2	4.4%	18	183	1.7%	1,618
Jackson	23	0.2%	1,705	3	0.2%	222	0	0.0%	0	26	0.2%	1,927
La Crosse	193	2.1%	1,652	8	0.5%	68	0	0.0%	0	201	1.8%	1,720
Monroe	46	0.5%	1,815	0	0.0%	0	0	0.0%	0	46	0.4%	1,815
Pepin	6	0.1%	1,290	0	0.0%	0	0	0.0%	0	6	0.1%	1,290
Pierce	57	0.6%	1,265	3	0.2%	67	0	0.0%	0	60	0.6%	1,331
Polk	18	0.2%	722	0	0.0%	0	0	0.0%	0	18	0.2%	722
Rusk	16	0.2%	1,804	0	0.0%	0	0	0.0%	0	16	0.1%	1,804
Saint Croix	60	0.6%	1,210	2	0.1%	40	0	0.0%	0	62	0.6%	1,250
Trempealeau	32	0.3%	2,201	0	0.0%	0	0	0.0%	0	32	0.3%	2,201
Washburn	17	0.2%	1,889	0	0.0%	0	0	0.0%	0	17	0.2%	1,889
Region total	935	10.0%	1,524	28	1.8%	46	3	6.7%	5	966	8.9%	1,575
Unknown												
Unknown	9	0.1%	-	1	0.1%	-	0	0.0%	-	10	0.1%	-
Region total	9	0.1%		1	0.1%		0	0.0%		10	0.1%	
Total	9,344	100.0%	2,378	1,515	100.0%	386	45	100.0%	11	10,907	100.0%	2,776

* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2013
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	1,236	1,549	8,281	11,839	2,838	3,728	1,172	1,385
Gonorrhea	89	105	2,842	3,636	417	527	133	141
Other	1	1	0	0	0	0	10	10
Syphilis	4	4	94	100	0	0	0	0
Total	1,329	1,659	11,217	15,574	3,255	4,254	1,315	1,536

* 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.

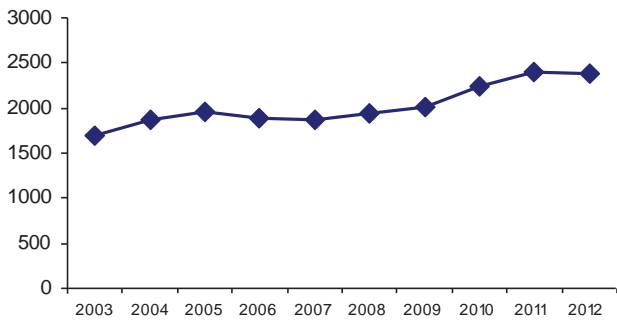
Wisconsin sexually transmitted disease surveillance report, 2013

Reported cases by year of diagnosis, past ten years

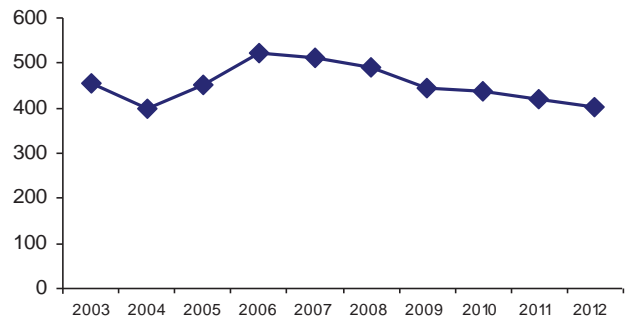
Persons 20-24 years of age

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2004	7,482	1,874	1,593	399	8	2	9,083	2,275
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	2,349	1,515	386	45	11	10,907	2,776

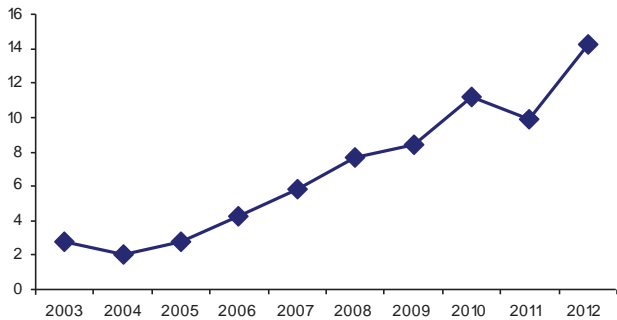
Chlamydia rate*



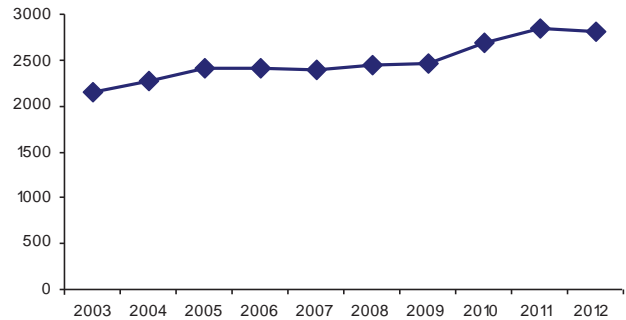
Gonorrhea rate*



Syphilis rate*



Total rate*



* Cases per 100,000 population.

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Syphilis cases by disease stage

Persons 20-24 years of age

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate
Total												
Total	10	100.0%	2.5	8	100.0%	2.0	16	100.0%	4.1	34	100.0%	8.7
Sex												
Male	9	90.0%	4.5	6	75.0%	3.0	10	62.5%	5.0	25	73.5%	12.5
Female	1	10.0%	0.5	2	25.0%	1.0	6	37.5%	3.1	9	26.5%	4.7
Race												
White	5	50.0%	1.4	2	25.0%	0.6	3	18.8%	0.9	10	29.4%	2.9
African American	4	40.0%	13.4	4	50.0%	13.4	12	75.0%	40.2	20	58.8%	66.9
Unknown	1	10.0%	-	2	25.0%	-	1	6.3%	-	4	11.8%	-
Hispanic ethnicity												
Hispanic	2	20.0%	9.2	0	0.0%	0.0	2	12.5%	9.2	4	11.8%	18.3
Non Hispanic	8	80.0%	-	8	100.0%	-	14	87.5%	-	30	88.2%	-
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	10	100.0%	2.5	8	100.0%	2.0	16	100.0%	4.1	34	100.0%	8.7
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%	-

* Cases per 100,000 population

** Primary, secondary and early latent cases.

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Syphilis cases by disease stage

Persons 20-24 years of age

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	8	100.0%	2.0	3	100.0%	0.8	0	0.0%	0.0	45	100.0%	11.5
Sex												
Male	4	50.0%	2.0	3	100.0%	1.5	0	0.0%	0.0	32	71.1%	16.0
Female	4	50.0%	2.1	0	0.0%	0.0	0	0.0%	0.0	13	28.9%	6.7
Race												
White	1	12.5%	0.3	2	66.7%	0.6	0	0.0%	0.0	13	28.9%	3.7
African American	7	87.5%	23.4	1	33.3%	3.3	0	0.0%	0.0	28	62.2%	93.7
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	4	8.9%	-
Hispanic ethnicity												
Hispanic	0	0.0%	0.0	1	33.3%	4.6	0	0.0%	0.0	5	11.1%	22.9
Non Hispanic	8	100.0%	-	2	66.7%	-	0	0.0%	-	40	88.9%	-
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	8	100.0%	2.0	3	100.0%	0.8	0	0.0%	0.0	45	100.0%	11.5
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%	-

* 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 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.

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