

Sexually Transmitted Disease in Wisconsin 2008

Persons 15-19 years of age



Wisconsin STD Program

Wisconsin sexually transmitted disease surveillance report, 2008

15-19 years of age

	Clamidia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	7,210	100.0%	1,806	2,034	100.0%	509	10	100.0%	3	9,254	100.0%	2,317
Sex												
Male	1,400	19.4%	681	601	29.5%	292	4	40.0%	2	2,005	21.7%	975
Female	5,786	80.2%	2,988	1,427	70.2%	737	6	60.0%	3	7,219	78.0%	3,728
Unknown	24	0.3%	-	6	0.3%	-	0	0.0%	-	30	0.3%	-
Race												
White	2,020	28.0%	583	233	11.5%	67	1	10.0%	0	2,254	24.4%	650
African American	2,720	37.7%	7,523	1,228	60.4%	3,397	7	70.0%	19	3,955	42.7%	10,939
American Indian	114	1.6%	2,059	21	1.0%	379	0	0.0%	0	135	1.5%	2,438
Asian/Pacific Islander	60	0.8%	540	3	0.1%	27	0	0.0%	0	63	0.7%	567
Other	140	1.9%	-	23	1.1%	-	1	10.0%	-	164	1.8%	-
Unknown	2,156	29.9%	-	526	25.9%	-	1	10.0%	-	2,683	29.0%	-
Hispanic ethnicity												
Hispanic	280	3.9%	1,252	48	2.4%	215	0	0.0%	0	328	3.5%	1,467
Non Hispanic	4,443	61.6%	1,179	1,348	66.3%	358	7	70.0%	2	5,798	62.7%	1,538
Unknown	2,487	34.5%	-	638	31.4%	-	3	30.0%	-	3,128	33.8%	-
Region of residence												
Northeastern	834	11.6%	996	144	7.1%	172	1	10.0%	1	979	10.6%	1,169
Northern	242	3.4%	713	14	0.7%	41	0	0.0%	0	256	2.8%	755
Southeastern	4,670	64.8%	3,102	1,654	81.3%	1,099	7	70.0%	5	6,331	68.4%	4,205
Southern	948	13.1%	1,298	191	9.4%	261	2	20.0%	3	1,141	12.3%	1,562
Western	494	6.9%	850	30	1.5%	52	0	0.0%	0	524	5.7%	902
Unknown	22	0.3%	-	1	0.0%	-	0	0.0%	-	23	0.2%	-

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

** Cases per 100,000 population

Wisconsin sexually transmitted disease surveillance report, 2008

Reported cases by region and county

15-19 years of age

Region/County	Clamidia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Northeastern												
Brown	249	3.5%	1,439	82	4.0%	474	0	0.0%	0	331	3.6%	1,913
Calumet	18	0.2%	590	3	0.1%	98	0	0.0%	0	21	0.2%	688
Door	18	0.2%	1,067	1	0.0%	59	0	0.0%	0	19	0.2%	1,126
Fond du lac	69	1.0%	964	8	0.4%	112	0	0.0%	0	77	0.8%	1,075
Green Lake	17	0.2%	1,478	1	0.0%	87	0	0.0%	0	18	0.2%	1,565
Kewaunee	6	0.1%	453	2	0.1%	151	0	0.0%	0	8	0.1%	604
Manitowoc	46	0.6%	845	2	0.1%	37	0	0.0%	0	48	0.5%	882
Marinette	18	0.2%	608	2	0.1%	68	0	0.0%	0	20	0.2%	675
Marquette	9	0.1%	1,008	0	0.0%	0	0	0.0%	0	9	0.1%	1,008
Menominee	10	0.1%	2,075	0	0.0%	0	0	0.0%	0	10	0.1%	2,075
Oconto	27	0.4%	1,084	1	0.0%	40	0	0.0%	0	28	0.3%	1,124
Outagamie	95	1.3%	762	13	0.6%	104	0	0.0%	0	108	1.2%	866
Shawano	16	0.2%	579	2	0.1%	72	0	0.0%	0	18	0.2%	651
Sheboygan	86	1.2%	1,127	6	0.3%	79	1	10.0%	13	93	1.0%	1,219
Waupaca	18	0.2%	534	0	0.0%	0	0	0.0%	0	18	0.2%	534
Waushara	12	0.2%	696	1	0.0%	58	0	0.0%	0	13	0.1%	754
Winnebago	120	1.7%	1,016	20	1.0%	169	0	0.0%	0	140	1.5%	1,186
Region total	834	11.6%	996	144	7.1%	172	1	10.0%	1	979	10.6%	1,169
Northern												
Ashland	5	0.1%	379	0	0.0%	0	0	0.0%	0	5	0.1%	379
Bayfield	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
Florence	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
Forest	13	0.2%	1,726	1	0.0%	133	0	0.0%	0	14	0.2%	1,859
Iron	5	0.1%	1,359	0	0.0%	0	0	0.0%	0	5	0.1%	1,359
Langlade	7	0.1%	538	0	0.0%	0	0	0.0%	0	7	0.1%	538
Lincoln	35	0.5%	1,648	2	0.1%	94	0	0.0%	0	37	0.4%	1,742
Marathon	72	1.0%	775	5	0.2%	54	0	0.0%	0	77	0.8%	829
Oneida	13	0.2%	596	1	0.0%	46	0	0.0%	0	14	0.2%	641
Portage	30	0.4%	510	0	0.0%	0	0	0.0%	0	30	0.3%	510
Price	4	0.1%	431	0	0.0%	0	0	0.0%	0	4	0.0%	431
Sawyer	7	0.1%	656	1	0.0%	94	0	0.0%	0	8	0.1%	750
Taylor	6	0.1%	468	0	0.0%	0	0	0.0%	0	6	0.1%	468
Vilas	7	0.1%	549	1	0.0%	78	0	0.0%	0	8	0.1%	627
Wood	38	0.5%	786	3	0.1%	62	0	0.0%	0	41	0.4%	848
Region total	242	3.4%	713	14	0.7%	41	0	0.0%	0	256	2.8%	755
Southeastern												
Jefferson	35	0.5%	568	2	0.1%	32	0	0.0%	0	37	0.4%	600
Kenosha	246	3.4%	1,942	49	2.4%	387	0	0.0%	0	295	3.2%	2,328
Milwaukee	3,775	52.4%	5,479	1,462	71.9%	2,122	6	60.0%	9	5,243	56.7%	7,609
Ozaukee	13	0.2%	203	4	0.2%	62	0	0.0%	0	17	0.2%	265
Racine	385	5.3%	2,782	96	4.7%	694	1	10.0%	7	482	5.2%	3,483
Walworth	35	0.5%	476	2	0.1%	27	0	0.0%	0	37	0.4%	503
Washington	34	0.5%	398	9	0.4%	105	0	0.0%	0	43	0.5%	503
Waukesha	147	2.0%	551	30	1.5%	113	0	0.0%	0	177	1.9%	664
Region total	4,670	64.8%	3,102	1,654	81.3%	1,099	7	70.0%	5	6,331	68.4%	4,205

Region/County	Clamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Southern												
Adams	22	0.3%	2,037	1	0.0%	93	0	0.0%	0	23	0.2%	2,130
Columbia	42	0.6%	1,191	5	0.2%	142	0	0.0%	0	47	0.5%	1,333
Crawford	3	0.0%	218	0	0.0%	0	0	0.0%	0	3	0.0%	218
Dane	456	6.3%	1,332	126	6.2%	368	2	20.0%	6	584	6.3%	1,706
Dodge	62	0.9%	1,108	9	0.4%	161	0	0.0%	0	71	0.8%	1,269
Grant	26	0.4%	610	6	0.3%	141	0	0.0%	0	32	0.3%	751
Green	10	0.1%	426	1	0.0%	43	0	0.0%	0	11	0.1%	469
Iowa	10	0.1%	631	2	0.1%	126	0	0.0%	0	12	0.1%	757
Juneau	21	0.3%	1,217	1	0.0%	58	0	0.0%	0	22	0.2%	1,275
Lafayette	9	0.1%	781	0	0.0%	0	0	0.0%	0	9	0.1%	781
Richland	11	0.2%	870	0	0.0%	0	0	0.0%	0	11	0.1%	870
Rock	222	3.1%	1,999	35	1.7%	315	0	0.0%	0	257	2.8%	2,314
Sauk	54	0.7%	1,418	5	0.2%	131	0	0.0%	0	59	0.6%	1,550
Region total	948	13.1%	1,298	191	9.4%	261	2	20.0%	3	1,141	12.3%	1,562
Western												
Barron	25	0.3%	832	0	0.0%	0	0	0.0%	0	25	0.3%	832
Buffalo	5	0.1%	563	0	0.0%	0	0	0.0%	0	5	0.1%	563
Burnett	4	0.1%	417	2	0.1%	209	0	0.0%	0	6	0.1%	626
Chippewa	57	0.8%	1,384	0	0.0%	0	0	0.0%	0	57	0.6%	1,384
Clark	11	0.2%	459	0	0.0%	0	0	0.0%	0	11	0.1%	459
Douglas	38	0.5%	1,310	7	0.3%	241	0	0.0%	0	45	0.5%	1,551
Dunn	24	0.3%	615	1	0.0%	26	0	0.0%	0	25	0.3%	641
Eau Claire	89	1.2%	1,077	1	0.0%	12	0	0.0%	0	90	1.0%	1,089
Jackson	10	0.1%	767	0	0.0%	0	0	0.0%	0	10	0.1%	767
La Crosse	93	1.3%	1,027	11	0.5%	121	0	0.0%	0	104	1.1%	1,149
Monroe	49	0.7%	1,627	4	0.2%	133	0	0.0%	0	53	0.6%	1,760
Pepin	1	0.0%	198	0	0.0%	0	0	0.0%	0	1	0.0%	198
Pierce	11	0.2%	305	0	0.0%	0	0	0.0%	0	11	0.1%	305
Polk	25	0.3%	856	2	0.1%	69	0	0.0%	0	27	0.3%	925
Rusk	6	0.1%	578	1	0.0%	96	0	0.0%	0	7	0.1%	674
St. Croix	22	0.3%	405	1	0.0%	18	0	0.0%	0	23	0.2%	423
Trempealeau	13	0.2%	734	0	0.0%	0	0	0.0%	0	13	0.1%	734
Vernon	8	0.1%	395	0	0.0%	0	0	0.0%	0	8	0.1%	395
Washburn	3	0.0%	301	0	0.0%	0	0	0.0%	0	3	0.0%	301
Region total	494	6.9%	850	30	1.5%	52	0	0.0%	0	524	5.7%	902
Unknown												
Unknown	22	0.3%	-	1	0.0%	-	0	0.0%	-	23	0.2%	-
Region total	22	0.3%		1	0.0%		0	0.0%		23	0.2%	
Total	7,210	100.0%	1,806	2,034	100.0%	509	10	100.0%	3	9,254	100.0%	2,317

** Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2008
Unadjusted* and imputed cases per 100,000 population by race**
15-19 years of age

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	583	747	7,523	11,717	2,059	3,070	540	773
Gonorrhea	67	82	3,397	4,627	379	389	27	27
Syphilis	0	0	19	25	0	0	0	0
Total	650	830	10,939	16,369	2,438	3,459	567	801

* 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.

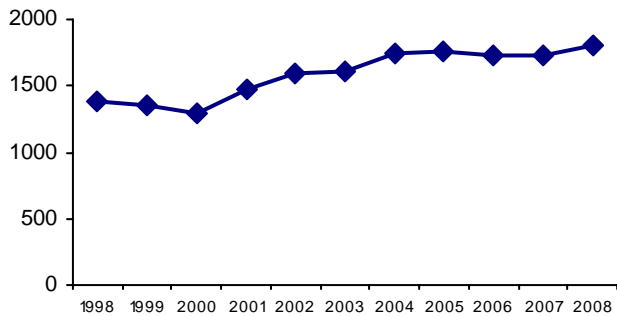
** The imputed rate takes into consideration cases reported without race specified. To calculate the imputed rate reported cases with unspecified race were statistically allocated using the age-sex-county-specific race distribution for cases with specified race. Thus, imputed rates specified in this table are estimates.

Wisconsin sexually transmitted disease surveillance report, 2008

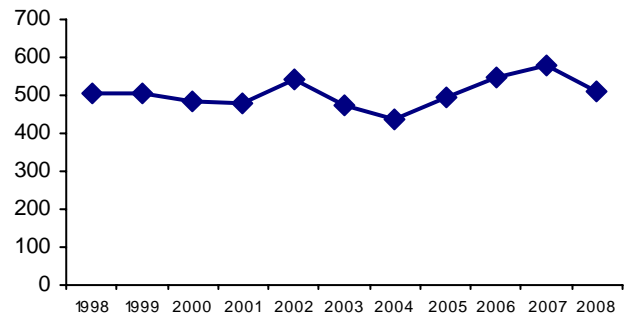
Reported cases by year of diagnosis, past ten years 15-19 years of age

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
1999	5,502	1,352	2,061	506	5	1	7,568	1,859
2000	5,293	1,296	1,973	483	5	1	7,271	1,780
2001	5,965	1,469	1,936	477	4	1	7,905	1,947
2002	6,418	1,591	2,181	541	3	1	8,602	2,133
2003	6,479	1,614	1,893	472	6	1	8,378	2,087
2004	7,017	1,747	1,755	437	10	2	8,782	2,187
2005	7,091	1,766	1,982	494	2	0	9,075	2,260
2006	6,943	1,732	2,198	548	8	2	9,149	2,282
2007	6,900	1,728	2,317	580	11	3	9,228	2,311
2008	7,210	1,806	2,034	509	10	3	9,254	2,317

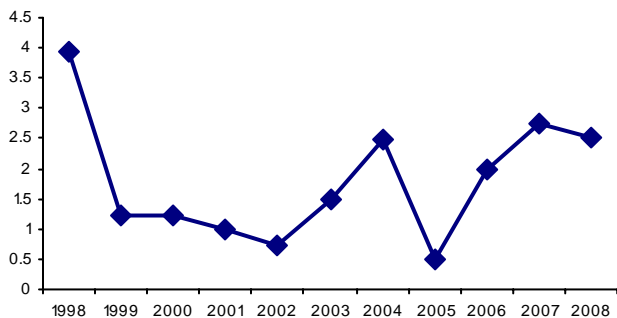
Chlamydia rate*



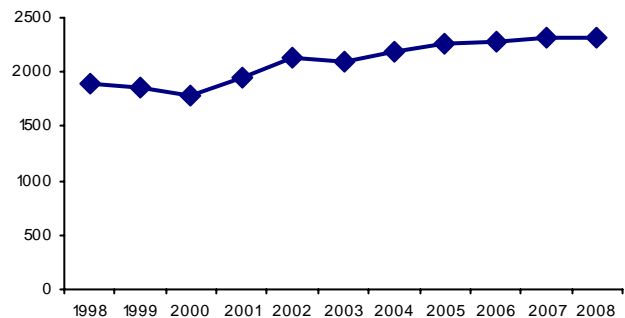
Gonorrhea rate*



Syphilis rate*



Total rate*



* Cases per 100,000 population.

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:

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