

Sexually Transmitted Disease in Wisconsin 2008

Persons 20-24 years of age



Wisconsin STD Program

Wisconsin sexually transmitted disease surveillance report, 2008 20-24 years of age

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	7,649	100.0%	1,947	1,937	100.0%	493	30	100.0%	8	9,616	100.0%	2,448
Sex												
Male	2,086	27.3%	1,039	721	37.2%	359	20	66.7%	10	2,827	29.4%	1,408
Female	5,549	72.5%	2,889	1,212	62.6%	631	10	33.3%	5	6,771	70.4%	3,526
Unknown	14	0.2%	-	4	0.2%	-	0	0.0%	-	18	0.2%	-
Race												
White	2,926	38.3%	840	314	16.2%	90	8	26.7%	2	3,248	33.8%	932
African American	2,283	29.8%	7,736	1,151	59.4%	3,900	22	73.3%	75	3,456	35.9%	11,710
American Indian	118	1.5%	2,346	19	1.0%	378	0	0.0%	0	137	1.4%	2,724
Asian/Pacific Islander	95	1.2%	964	12	0.6%	122	0	0.0%	0	107	1.1%	1,086
Other	172	2.2%	-	22	1.1%	-	0	0.0%	-	194	2.0%	-
Unknown	2,055	26.9%	-	419	21.6%	-	0	0.0%	-	2,474	25.7%	-
Hispanic ethnicity												
Hispanic	400	5.2%	1,777	54	2.8%	240	2	6.7%	9	456	4.7%	2,025
Non Hispanic	4,747	62.1%	1,282	1,317	68.0%	356	27	90.0%	7	6,091	63.3%	1,645
Unknown	2,502	32.7%	-	566	29.2%	-	1	3.3%	-	3,069	31.9%	-
Region of residence												
Northeastern	1,116	14.6%	1,431	188	9.7%	241	2	6.7%	3	1,306	13.6%	1,675
Northern	326	4.3%	1,019	17	0.9%	53	0	0.0%	0	343	3.6%	1,072
Southeastern	4,149	54.2%	3,023	1,463	75.5%	1,066	23	76.7%	17	5,635	58.6%	4,105
Southern	1,244	16.3%	1,518	219	11.3%	267	4	13.3%	5	1,467	15.3%	1,790
Western	793	10.4%	1,246	44	2.3%	69	1	3.3%	2	838	8.7%	1,316
Unknown	21	0.3%	-	6	0.3%	-	0	0.0%	-	27	0.3%	-

* 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

20-24 years of age

Region/County	Clamidia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Northeastern												
Brown	301	3.9%	1,829	91	4.7%	553	1	3.3%	6	393	4.1%	2,388
Calumet	18	0.2%	726	4	0.2%	161	0	0.0%	0	22	0.2%	887
Door	24	0.3%	1,689	1	0.1%	70	0	0.0%	0	25	0.3%	1,759
Fond du lac	113	1.5%	1,713	21	1.1%	318	0	0.0%	0	134	1.4%	2,031
Green Lake	14	0.2%	1,403	0	0.0%	0	0	0.0%	0	14	0.1%	1,403
Kewaunee	9	0.1%	715	0	0.0%	0	0	0.0%	0	9	0.1%	715
Manitowoc	50	0.7%	1,048	5	0.3%	105	0	0.0%	0	55	0.6%	1,153
Marinette	16	0.2%	578	3	0.2%	108	0	0.0%	0	19	0.2%	687
Marquette	14	0.2%	1,735	1	0.1%	124	0	0.0%	0	15	0.2%	1,859
Menominee	12	0.2%	3,324	2	0.1%	554	0	0.0%	0	14	0.1%	3,878
Oconto	27	0.4%	1,250	0	0.0%	0	0	0.0%	0	27	0.3%	1,250
Outagamie	162	2.1%	1,443	24	1.2%	214	1	3.3%	9	187	1.9%	1,665
Shawano	30	0.4%	1,285	2	0.1%	86	0	0.0%	0	32	0.3%	1,371
Sheboygan	118	1.5%	1,725	7	0.4%	102	0	0.0%	0	125	1.3%	1,827
Waupaca	30	0.4%	1,064	1	0.1%	35	0	0.0%	0	31	0.3%	1,099
Waushara	7	0.1%	451	1	0.1%	64	0	0.0%	0	8	0.1%	515
Winnebago	171	2.2%	1,303	25	1.3%	190	0	0.0%	0	196	2.0%	1,493
Region total	1,116	14.6%	1,431	188	9.7%	241	2	6.7%	3	1,306	13.6%	1,675
Northern												
Ashland	11	0.1%	847	0	0.0%	0	0	0.0%	0	11	0.1%	847
Bayfield	2	0.0%	221	0	0.0%	0	0	0.0%	0	2	0.0%	221
Florence	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
Forest	7	0.1%	1,217	1	0.1%	174	0	0.0%	0	8	0.1%	1,391
Iron	2	0.0%	643	0	0.0%	0	0	0.0%	0	2	0.0%	643
Langlade	7	0.1%	619	0	0.0%	0	0	0.0%	0	7	0.1%	619
Lincoln	20	0.3%	1,206	0	0.0%	0	0	0.0%	0	20	0.2%	1,206
Marathon	101	1.3%	1,311	8	0.4%	104	0	0.0%	0	109	1.1%	1,415
Oneida	13	0.2%	658	1	0.1%	51	0	0.0%	0	14	0.1%	708
Portage	82	1.1%	1,014	2	0.1%	25	0	0.0%	0	84	0.9%	1,039
Price	4	0.1%	528	0	0.0%	0	0	0.0%	0	4	0.0%	528
Sawyer	4	0.1%	419	0	0.0%	0	0	0.0%	0	4	0.0%	419
Taylor	10	0.1%	892	0	0.0%	0	0	0.0%	0	10	0.1%	892
Vilas	18	0.2%	1,689	2	0.1%	188	0	0.0%	0	20	0.2%	1,876
Wood	45	0.6%	1,070	3	0.2%	71	0	0.0%	0	48	0.5%	1,141
Region total	326	4.3%	1,019	17	0.9%	53	0	0.0%	0	343	3.6%	1,072
Southeastern												
Jefferson	54	0.7%	983	7	0.4%	127	0	0.0%	0	61	0.6%	1,111
Kenosha	188	2.5%	1,813	53	2.7%	511	0	0.0%	0	241	2.5%	2,324
Milwaukee	3,173	41.5%	5,015	1,256	64.8%	1,985	23	76.7%	36	4,452	46.3%	7,037
Ozaukee	23	0.3%	414	7	0.4%	126	0	0.0%	0	30	0.3%	540
Racine	363	4.7%	2,988	91	4.7%	749	0	0.0%	0	454	4.7%	3,737
Walworth	72	0.9%	789	8	0.4%	88	0	0.0%	0	80	0.8%	877
Washington	53	0.7%	693	11	0.6%	144	0	0.0%	0	64	0.7%	837
Waukesha	223	2.9%	943	30	1.5%	127	0	0.0%	0	253	2.6%	1,070
Region total	4,149	54.2%	3,023	1,463	75.5%	1,066	23	76.7%	17	5,635	58.6%	4,105

Region/County	Clamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Southern												
Adams	16	0.2%	1,518	0	0.0%	0	0	0.0%	0	16	0.2%	1,518
Columbia	34	0.4%	1,043	5	0.3%	153	0	0.0%	0	39	0.4%	1,196
Crawford	8	0.1%	657	1	0.1%	82	0	0.0%	0	9	0.1%	739
Dane	664	8.7%	1,466	148	7.6%	327	3	10.0%	7	815	8.5%	1,799
Dodge	151	2.0%	2,651	9	0.5%	158	0	0.0%	0	160	1.7%	2,808
Grant	41	0.5%	779	2	0.1%	38	1	3.3%	19	44	0.5%	836
Green	12	0.2%	578	1	0.1%	48	0	0.0%	0	13	0.1%	626
Iowa	17	0.2%	1,262	0	0.0%	0	0	0.0%	0	17	0.2%	1,262
Juneau	12	0.2%	713	4	0.2%	238	0	0.0%	0	16	0.2%	951
Lafayette	8	0.1%	766	0	0.0%	0	0	0.0%	0	8	0.1%	766
Richland	9	0.1%	837	1	0.1%	93	0	0.0%	0	10	0.1%	930
Rock	223	2.9%	2,314	44	2.3%	457	0	0.0%	0	267	2.8%	2,770
Sauk	49	0.6%	1,485	4	0.2%	121	0	0.0%	0	53	0.6%	1,607
Region total	1,244	16.3%	1,518	219	11.3%	267	4	13.3%	5	1,467	15.3%	1,790
Western												
Barron	41	0.5%	1,503	5	0.3%	183	0	0.0%	0	46	0.5%	1,686
Buffalo	3	0.0%	372	0	0.0%	0	0	0.0%	0	3	0.0%	372
Burnett	2	0.0%	250	1	0.1%	125	0	0.0%	0	3	0.0%	375
Chippewa	39	0.5%	953	1	0.1%	24	0	0.0%	0	40	0.4%	977
Clark	12	0.2%	648	0	0.0%	0	0	0.0%	0	12	0.1%	648
Douglas	64	0.8%	2,075	8	0.4%	259	0	0.0%	0	72	0.7%	2,334
Dunn	58	0.8%	1,011	1	0.1%	17	0	0.0%	0	59	0.6%	1,028
Eau Claire	168	2.2%	1,490	3	0.2%	27	0	0.0%	0	171	1.8%	1,517
Jackson	12	0.2%	884	1	0.1%	74	1	3.3%	74	14	0.1%	1,031
La Crosse	189	2.5%	1,625	13	0.7%	112	0	0.0%	0	202	2.1%	1,736
Monroe	33	0.4%	1,286	4	0.2%	156	0	0.0%	0	37	0.4%	1,442
Pepin	6	0.1%	1,224	0	0.0%	0	0	0.0%	0	6	0.1%	1,224
Pierce	40	0.5%	904	0	0.0%	0	0	0.0%	0	40	0.4%	904
Polk	27	0.4%	1,049	2	0.1%	78	0	0.0%	0	29	0.3%	1,127
Rusk	9	0.1%	906	0	0.0%	0	0	0.0%	0	9	0.1%	906
St. Croix	48	0.6%	939	3	0.2%	59	0	0.0%	0	51	0.5%	998
Trempealeau	26	0.3%	1,703	0	0.0%	0	0	0.0%	0	26	0.3%	1,703
Vernon	7	0.1%	415	0	0.0%	0	0	0.0%	0	7	0.1%	415
Washburn	9	0.1%	979	2	0.1%	218	0	0.0%	0	11	0.1%	1,197
Region total	793	10.4%	1,246	44	2.3%	69	1	3.3%	2	838	8.7%	1,316
Unknown												
Unknown	21	0.3%	-	6	0.3%	-	0	0.0%	-	27	0.3%	-
Region total	21	0.3%		6	0.3%		0	0.0%		27	0.3%	
Total	7,649	100.0%	1,947	1,937	100.0%	493	30	100.0%	8	9,616	100.0%	2,448

** Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2008
Unadjusted* and imputed cases per 100,000 population by race**
20-24 years of age

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	840	1,082	7,736	11,407	2,346	3,237	964	1,272
Gonorrhea	90	115	3,900	4,891	378	475	122	210
Syphilis	2	2	75	75	0	0	0	0
Total	932	1,199	11,710	16,372	2,724	3,711	1,086	1,482

* 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.

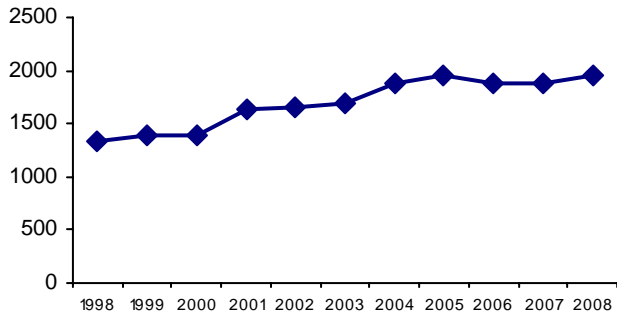
** The imputed rate takes into consideration cases reported without race specified. To calculate the imputed rate reported cases with unspecified race were statistically allocated using the age-sex-county-specific race distribution for cases with specified race. Thus, imputed rates specified in this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

Wisconsin sexually transmitted disease surveillance report, 2008

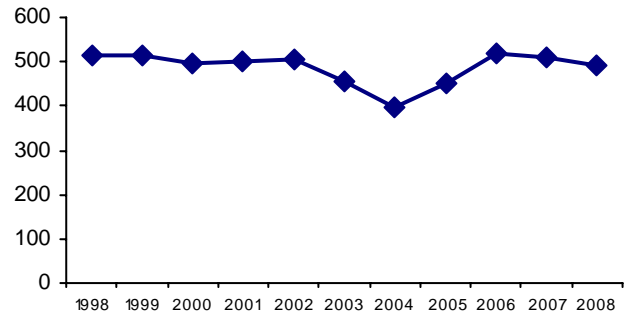
Reported cases by year of diagnosis, past ten years 20-24 years of age

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
1999	4,862	1,386	1,810	516	17	5	6,689	1,907
2000	5,011	1,390	1,785	495	21	6	6,817	1,891
2001	6,141	1,644	1,863	499	12	3	8,016	2,145
2002	6,409	1,659	1,957	506	15	4	8,381	2,169
2003	6,687	1,688	1,803	455	11	3	8,501	2,146
2004	7,482	1,873	1,593	399	8	2	9,083	2,274
2005	7,780	1,950	1,796	450	11	3	9,587	2,403
2006	7,512	1,888	2,073	521	17	4	9,602	2,413
2007	7,355	1,872	2,004	510	23	6	9,382	2,388
2008	7,649	1,947	1,937	493	30	8	9,616	2,448

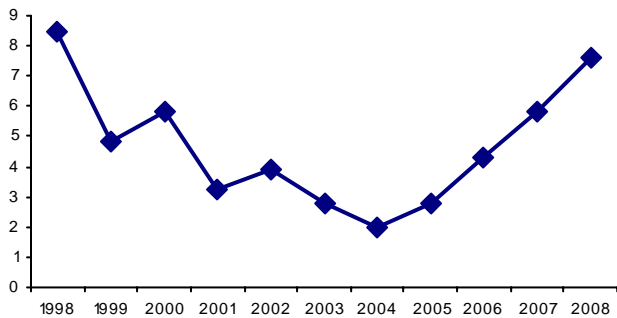
Chlamydia rate*



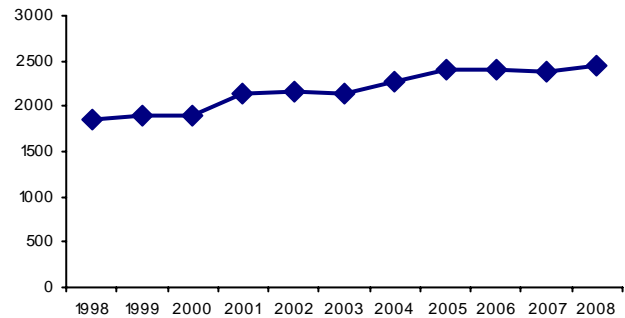
Gonorrhea rate*



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:

Wisconsin STD Program
1 West Wilson Street
PO Box 2659
Madison, WI53701-2659
Telephone: (608) 266-8479