

Sexually Transmitted Disease in Wisconsin 2007

Persons 15-19 years of age



Wisconsin STD Program

**Table 1. Wisconsin sexually transmitted disease surveillance report, 2007
Persons 15-19 years of age**

	<u>Chlamydia*</u>			<u>Gonorrhea*</u>			<u>Syphilis*</u>			<u>Genital HSV*</u>		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total	6905	100.0%	1722	2320	100.0%	579	11	100.0%	3	473	100.0%	118
Sex												
Male	1294	18.7%	627	703	30.3%	341	6	54.5%	3	46	9.7%	22
Female	5599	81.1%	2877	1612	69.5%	828	5	45.5%	3	426	90.1%	219
Unknown	12	0.2%	-	5	0.2%	-	0	0.0%	-	1	0.2%	-
Race												
White	1859	26.9%	533	253	10.9%	72	2	18.2%	1	204	43.1%	58
African American	2755	39.9%	7775	1417	61.1%	3999	6	54.5%	17	105	22.2%	296
American Indian	112	1.6%	2024	27	1.2%	488	0	0.0%	0	7	1.5%	126
Asian/Pacific Islander	53	0.8%	487	10	0.4%	92	0	0.0%	0	5	1.1%	46
Other	151	2.2%	-	31	1.3%	-	3	27.3%	-	2	0.4%	-
Unknown	1975	28.6%	-	582	25.1%	-	0	0.0%	-	150	31.7%	-
Hispanic ethnicity												
Hispanic	291	4.2%	1370	54	2.3%	254	2	18.2%	9	13	2.7%	61
Non Hispanic	4275	61.9%	1126	1561	67.3%	411	9	81.8%	2	293	61.9%	77
Unknown	2339	33.9%	-	705	30.4%	-	0	0.0%	-	167	35.3%	-
Region of residence												
Northern	204	3.0%	589	15	0.6%	43	0	0.0%	0	37	7.8%	107
Northeastern	753	10.9%	888	135	5.8%	159	0	0.0%	0	101	21.4%	119
Southern	899	13.0%	1188	184	7.9%	243	1	9.1%	1	81	17.1%	107
Southeastern	4623	67.0%	3101	1942	83.7%	1302	10	90.9%	7	196	41.4%	131
Western	421	6.1%	742	41	1.8%	72	0	0.0%	0	58	12.3%	102
Unknown	5	0.1%	-	3	0.1%	-	0	0.0%	-	0	0.0%	-

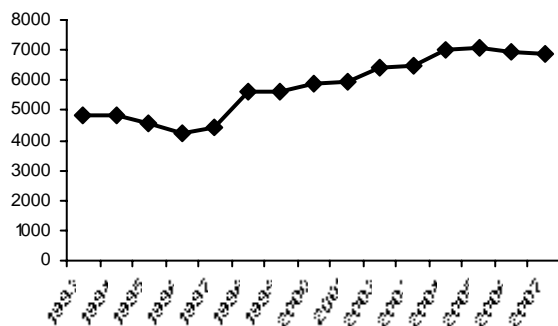
* Demographic breakdown not available for diseases with less than or equal to 10 cases reported.

** Reported cases per 100,000 population.

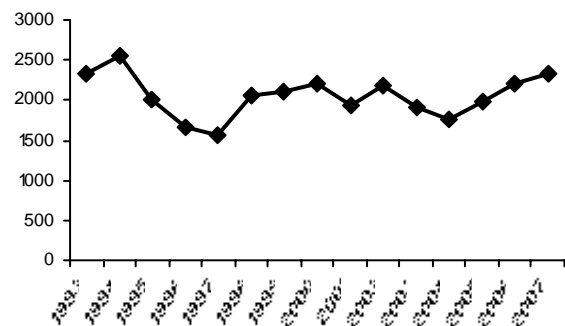
**Table 2. Wisconsin sexually transmitted disease surveillance report
Reported cases by year of report, persons 15-19 years of age**

Year	Chlamydia	Gonorrhea	Syphilis	Genital HSV
1993	4799	2342	172	346
1994	4846	2556	72	399
1995	4549	2012	56	330
1996	4222	1662	41	346
1997	4460	1566	19	286
1998	5626	2047	16	342
1999	5600	2100	5	341
2000	5878	2198	5	335
2001	5979	1942	4	386
2002	6437	2187	3	420
2003	6496	1897	6	449
2004	7028	1759	10	398
2005	7096	1987	2	467
2006	6943	2198	8	479
2007	6905	2320	11	473

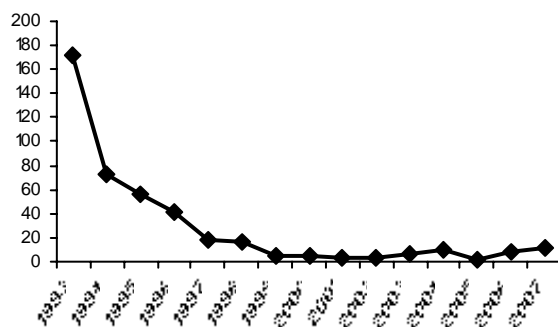
Chlamydia



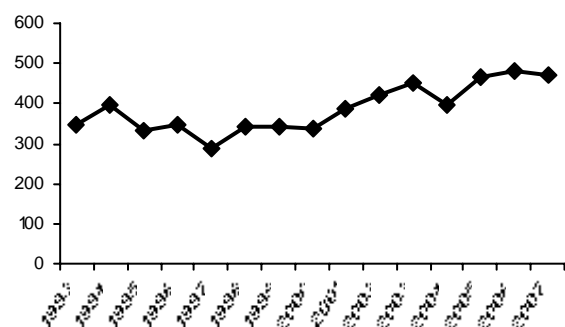
Gonorrhea



Syphilis



Genital HSV



**Table 3. Wisconsin sexually transmitted disease surveillance report, 2007
Reported cases by county, persons 15-19 years of age**

Region/County	<u>Chlamydia</u>			<u>Gonorrhea</u>			<u>Syphilis</u>			<u>Genital HSV</u>		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Adams	9	0.1%	826	0	0.0%	0	0	0.0%	0	1	0.2%	92
Ashland	5	0.1%	369	0	0.0%	0	0	0.0%	0	2	0.4%	148
Barron	31	0.4%	1013	1	0.0%	33	0	0.0%	0	1	0.2%	33
Bayfield	3	0.0%	292	0	0.0%	0	0	0.0%	0	0	0.0%	0
Brown	233	3.4%	1343	57	2.5%	329	0	0.0%	0	19	4.0%	110
Buffalo	2	0.0%	223	1	0.0%	111	0	0.0%	0	0	0.0%	0
Burnett	3	0.0%	306	0	0.0%	0	0	0.0%	0	0	0.0%	0
Calumet	14	0.2%	454	3	0.1%	97	0	0.0%	0	2	0.4%	65
Chippewa	31	0.4%	740	0	0.0%	0	0	0.0%	0	5	1.1%	119
Clark	16	0.2%	642	1	0.0%	40	0	0.0%	0	1	0.2%	40
Columbia	23	0.3%	638	1	0.0%	28	0	0.0%	0	7	1.5%	194
Crawford	9	0.1%	663	0	0.0%	0	0	0.0%	0	0	0.0%	0
Dane	453	6.6%	1329	98	4.2%	287	0	0.0%	0	23	4.9%	67
Dodge	77	1.1%	1321	5	0.2%	86	1	9.1%	17	3	0.6%	51
Door	11	0.2%	640	0	0.0%	0	0	0.0%	0	0	0.0%	0
Douglas	29	0.4%	1002	9	0.4%	311	0	0.0%	0	3	0.6%	104
Dunn	15	0.2%	375	2	0.1%	50	0	0.0%	0	5	1.1%	125
Eau Claire	70	1.0%	848	3	0.1%	36	0	0.0%	0	12	2.5%	145
Florence	2	0.0%	662	0	0.0%	0	0	0.0%	0	0	0.0%	0
Fond Du Lac	46	0.7%	640	12	0.5%	167	0	0.0%	0	9	1.9%	125
Forest	20	0.3%	2571	3	0.1%	386	0	0.0%	0	0	0.0%	0
Grant	20	0.3%	454	6	0.3%	136	0	0.0%	0	1	0.2%	23
Green	15	0.2%	640	1	0.0%	43	0	0.0%	0	3	0.6%	128
Green Lake	8	0.1%	666	0	0.0%	0	0	0.0%	0	1	0.2%	83
Iowa	17	0.2%	1042	1	0.0%	61	0	0.0%	0	2	0.4%	123
Iron	1	0.0%	260	0	0.0%	0	0	0.0%	0	1	0.2%	260
Jackson	11	0.2%	834	0	0.0%	0	0	0.0%	0	2	0.4%	152
Jefferson	32	0.5%	512	2	0.1%	32	0	0.0%	0	3	0.6%	48
Juneau	22	0.3%	1272	1	0.0%	58	0	0.0%	0	1	0.2%	58
Kenosha	189	2.7%	1514	39	1.7%	313	0	0.0%	0	17	3.6%	136
Kewaunee	9	0.1%	635	1	0.0%	71	0	0.0%	0	2	0.4%	141
La Crosse	92	1.3%	1012	18	0.8%	198	0	0.0%	0	18	3.8%	198
Lafayette	8	0.1%	669	1	0.0%	84	0	0.0%	0	1	0.2%	84
Langlade	4	0.1%	299	0	0.0%	0	0	0.0%	0	1	0.2%	75
Lincoln	23	0.3%	1058	0	0.0%	0	0	0.0%	0	4	0.8%	184
Manitowoc	50	0.7%	893	2	0.1%	36	0	0.0%	0	6	1.3%	107
Marathon	51	0.7%	548	7	0.3%	75	0	0.0%	0	12	2.5%	129
Marinette	19	0.3%	620	0	0.0%	0	0	0.0%	0	5	1.1%	163
Marquette	10	0.1%	1066	0	0.0%	0	0	0.0%	0	1	0.2%	107
Menominee	17	0.2%	3640	7	0.3%	1499	0	0.0%	0	2	0.4%	428
Milwaukee	3893	56.4%	5845	1761	75.9%	2644	10	90.9%	15	113	23.9%	170
Monroe	42	0.6%	1374	0	0.0%	0	0	0.0%	0	2	0.4%	65
Oconto	17	0.2%	659	5	0.2%	194	0	0.0%	0	6	1.3%	232
Oneida	12	0.2%	528	0	0.0%	0	0	0.0%	0	4	0.8%	176
Outagamie	94	1.4%	753	16	0.7%	128	0	0.0%	0	9	1.9%	72
Ozaukee	16	0.2%	244	5	0.2%	76	0	0.0%	0	2	0.4%	30

Region/County	<u>Chlamydia</u>			<u>Gonorrhea</u>			<u>Syphilis</u>			<u>Genital HSV</u>		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Pepin	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
Pierce	11	0.2%	299	1	0.0%	27	0	0.0%	0	1	0.2%	27
Polk	25	0.4%	823	4	0.2%	132	0	0.0%	0	3	0.6%	99
Portage	32	0.5%	535	3	0.1%	50	0	0.0%	0	3	0.6%	50
Price	2	0.0%	208	0	0.0%	0	0	0.0%	0	0	0.0%	0
Racine	327	4.7%	2329	111	4.8%	790	0	0.0%	0	37	7.8%	263
Richland	4	0.1%	304	1	0.0%	76	0	0.0%	0	0	0.0%	0
Rock	184	2.7%	1655	60	2.6%	540	0	0.0%	0	29	6.1%	261
Rusk	9	0.1%	854	0	0.0%	0	0	0.0%	0	1	0.2%	95
Sauk	50	0.7%	1281	8	0.3%	205	0	0.0%	0	9	1.9%	231
Sawyer	6	0.1%	538	0	0.0%	0	0	0.0%	0	0	0.0%	0
Shawano	19	0.3%	672	2	0.1%	71	0	0.0%	0	0	0.0%	0
Sheboygan	74	1.1%	954	5	0.2%	64	0	0.0%	0	9	1.9%	116
St Croix	15	0.2%	278	0	0.0%	0	0	0.0%	0	3	0.6%	56
Taylor	8	0.1%	601	0	0.0%	0	0	0.0%	0	0	0.0%	0
Trempealeau	14	0.2%	798	0	0.0%	0	0	0.0%	0	0	0.0%	0
Unknown	5	0.1%		3	0.1%		0	0.0%		0	0.0%	
Vernon	8	0.1%	385	1	0.0%	48	0	0.0%	0	1	0.2%	48
Vilas	6	0.1%	454	1	0.0%	76	0	0.0%	0	0	0.0%	0
Walworth	39	0.6%	524	5	0.2%	67	0	0.0%	0	4	0.8%	54
Washburn	5	0.1%	479	1	0.0%	96	0	0.0%	0	1	0.2%	96
Washington	30	0.4%	349	7	0.3%	82	0	0.0%	0	7	1.5%	82
Waukesha	97	1.4%	358	12	0.5%	44	0	0.0%	0	13	2.7%	48
Waupaca	24	0.3%	687	1	0.0%	29	0	0.0%	0	2	0.4%	57
Waushara	4	0.1%	225	0	0.0%	0	0	0.0%	0	0	0.0%	0
Winnebago	104	1.5%	878	24	1.0%	203	0	0.0%	0	28	5.9%	236
Wood	29	0.4%	578	1	0.0%	20	0	0.0%	0	10	2.1%	199

* Reported cases per 100,000 population.

**Table 4. Wisconsin sexually transmitted disease surveillance report, 2007
Reported rates* and imputed rates** by race, persons 15-19 years of age**

	Cases per 100,000 population***			
	White	African American	Asian/Pacific Islander	American Indian
	Reported - Imputed	Reported - Imputed	Reported - Imputed	Reported - Imputed
Chlamydia	533 - 690	7775 - 11473	487 - 656	2024 - 2529
Gonorrhea	72 - 89	3999 - 5431	92 - 120	488 - 552
Syphilis	1 - 1	17 - 17	0 - 0	0 - 0
Genital HSV	58 - 86	296 - 438	46 - 58	126 - 166
Total	664 - 865	12087 - 17358	625 - 834	2638 - 3246

* The reported rate is the number reported cases that have race specified per 100,000 population. Because some cases are reported with unspecified race, the reported 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 county-specific race distribution among cases with specified race. Thus, imputed rates specified in this table are estimates.

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, primary genital Herpes simplex virus (HSV) infection, chancroid, and pelvic inflammatory disease to local health departments. Local health departments in turn forward reports to the DPH.
2. In this analysis the term "genital HSV" refers to primary genital Herpes simplex virus infection. Unless otherwise specified, syphilis cases shown in these reports include all stages of disease.
3. 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.
4. 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.
5. 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.
6. 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.
7. 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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