

# **Sexually Transmitted Disease in Wisconsin 2007**



***Wisconsin STD Program***

**Table 1. Wisconsin sexually transmitted disease surveillance report, 2007**

	<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**
<b>Total</b>	19844	100.0%	357	6794	100.0%	122	165	100.0%	3	3350	100.0%	60
<b>Sex</b>												
Male	5165	26.0%	187	2667	39.3%	97	139	84.2%	5	587	17.5%	21
Female	14650	73.8%	524	4114	60.6%	147	26	15.8%	1	2750	82.1%	98
Unknown	29	0.1%	-	13	0.2%	-	0	0.0%	-	13	0.4%	-
<b>Race</b>												
White	6418	32.3%	128	978	14.4%	19	64	38.8%	1	1484	44.3%	30
African American	6507	32.8%	1849	3825	56.3%	1087	83	50.3%	24	396	11.8%	113
American Indian	284	1.4%	510	77	1.1%	138	0	0.0%	0	33	1.0%	59
Asian/Pacific Islander	272	1.4%	229	28	0.4%	24	4	2.4%	3	23	0.7%	19
Other	445	2.2%	-	88	1.3%	-	14	8.5%	-	32	1.0%	-
Unknown	5918	29.8%	-	1798	26.5%	-	0	0.0%	-	1382	41.3%	-
<b>Hispanic ethnicity</b>												
Hispanic	942	4.7%	364	172	2.5%	66	20	12.1%	8	98	2.9%	38
Non Hispanic	12010	60.5%	227	4360	64.2%	82	143	86.7%	3	1739	51.9%	33
Unknown	6892	34.7%	-	2262	33.3%	-	2	1.2%	-	1513	45.2%	-
<b>Age group</b>												
0-4	14	0.1%	4	5	0.1%	1	1	0.6%	0	6	0.2%	2
5-9	9	0.0%	3	5	0.1%	1	0	0.0%	0	2	0.1%	1
10-14	265	1.3%	71	103	1.5%	28	1	0.6%	0	15	0.4%	4
15-19	6905	34.8%	1722	2320	34.1%	579	11	6.7%	3	473	14.1%	118
20-24	7362	37.1%	1823	2007	29.5%	497	23	13.9%	6	869	25.9%	215
25-29	3225	16.3%	882	1088	16.0%	298	22	13.3%	6	580	17.3%	159
30-34	1132	5.7%	336	525	7.7%	156	19	11.5%	6	368	11.0%	109
35-39	521	2.6%	138	319	4.7%	84	29	17.6%	8	268	8.0%	71
40-44	192	1.0%	45	180	2.6%	42	25	15.2%	6	220	6.6%	51
45-49	109	0.5%	24	126	1.9%	28	17	10.3%	4	196	5.9%	44
50+	109	0.5%	6	116	1.7%	7	17	10.3%	1	353	10.5%	20
Unknown	1	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
<b>Region of residence</b>												
Northern	713	3.6%	146	53	0.8%	11	4	2.4%	1	228	6.8%	47
Northeastern	2592	13.1%	216	494	7.3%	41	12	7.3%	1	692	20.7%	58
Southern	2950	14.9%	278	625	9.2%	59	10	6.1%	1	556	16.6%	52
Southeastern	12087	60.9%	590	5467	80.5%	267	133	80.6%	6	1438	42.9%	70
Western	1485	7.5%	197	148	2.2%	20	6	3.6%	1	430	12.8%	57
Unknown	17	0.1%	-	7	0.1%	-	0	0.0%	-	6	0.2%	-

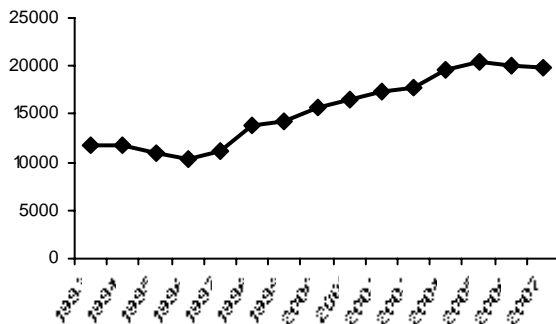
\* Demographic breakdown not available for diseases with less than or equal to 10 cases reported.

\*\* Reported cases per 100,000 population.

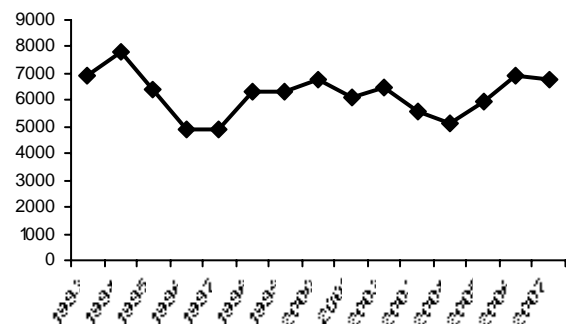
**Table 2. Wisconsin sexually transmitted disease surveillance report  
Reported cases by year of report**

Year	Chlamydia	Gonorrhea	Syphilis	Genital HSV
1993	11720	6892	1134	1888
1994	11838	7806	824	2136
1995	11052	6371	617	1946
1996	10266	4911	505	2080
1997	11063	4917	351	1842
1998	13841	6319	216	2046
1999	14257	6355	138	2111
2000	15725	6735	181	2321
2001	16476	6070	137	2450
2002	17441	6499	135	2684
2003	17780	5602	111	2825
2004	19662	5163	129	2912
2005	20410	5949	138	3273
2006	20092	6883	160	3263
2007	19844	6794	165	3350

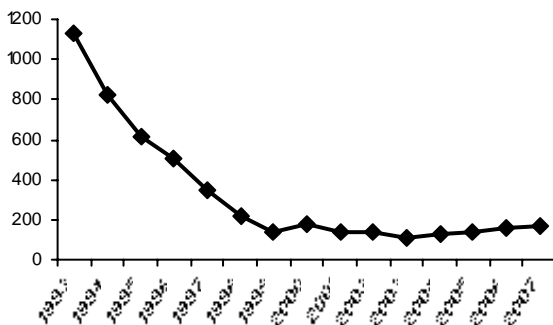
**Chlamydia**



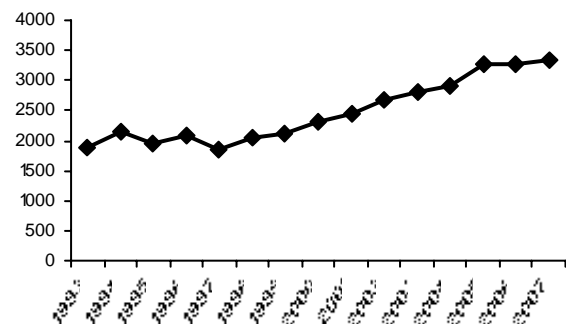
**Gonorrhea**



**Syphilis**



**Genital HSV**



**Table 3. Wisconsin sexually transmitted disease surveillance report, 2007  
Reported cases by county**

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	24	0.1%	115	1	0.0%	5	0	0.0%	0	8	0.2%	38
Ashland	14	0.1%	85	0	0.0%	0	0	0.0%	0	8	0.2%	48
Barron	89	0.4%	194	3	0.0%	7	0	0.0%	0	13	0.4%	28
Bayfield	9	0.0%	59	0	0.0%	0	0	0.0%	0	1	0.0%	7
Brown	717	3.6%	298	222	3.3%	92	3	1.8%	1	139	4.1%	58
Buffalo	9	0.0%	65	1	0.0%	7	0	0.0%	0	0	0.0%	0
Burnett	13	0.1%	79	0	0.0%	0	1	0.6%	6	3	0.1%	18
Calumet	45	0.2%	101	7	0.1%	16	0	0.0%	0	11	0.3%	25
Chippewa	91	0.5%	151	3	0.0%	5	0	0.0%	0	23	0.7%	38
Clark	33	0.2%	97	1	0.0%	3	0	0.0%	0	10	0.3%	29
Columbia	83	0.4%	150	6	0.1%	11	1	0.6%	2	35	1.0%	63
Crawford	25	0.1%	147	1	0.0%	6	0	0.0%	0	7	0.2%	41
Dane	1528	7.7%	329	343	5.0%	74	6	3.6%	1	240	7.2%	52
Dodge	326	1.6%	366	41	0.6%	46	2	1.2%	2	36	1.1%	40
Door	47	0.2%	167	2	0.0%	7	0	0.0%	0	12	0.4%	43
Douglas	96	0.5%	218	33	0.5%	75	0	0.0%	0	20	0.6%	45
Dunn	88	0.4%	210	7	0.1%	17	0	0.0%	0	28	0.8%	67
Eau Claire	264	1.3%	279	11	0.2%	12	0	0.0%	0	89	2.7%	94
Florence	5	0.0%	101	0	0.0%	0	0	0.0%	0	0	0.0%	0
Fond Du Lac	197	1.0%	199	33	0.5%	33	2	1.2%	2	76	2.3%	77
Forest	34	0.2%	343	4	0.1%	40	0	0.0%	0	2	0.1%	20
Grant	78	0.4%	158	10	0.1%	20	0	0.0%	0	19	0.6%	38
Green	51	0.3%	143	4	0.1%	11	0	0.0%	0	8	0.2%	22
Green Lake	32	0.2%	167	2	0.0%	10	0	0.0%	0	11	0.3%	57
Iowa	39	0.2%	164	3	0.0%	13	0	0.0%	0	14	0.4%	59
Iron	2	0.0%	31	0	0.0%	0	0	0.0%	0	1	0.0%	15
Jackson	38	0.2%	191	2	0.0%	10	1	0.6%	5	16	0.5%	81
Jefferson	118	0.6%	147	10	0.1%	12	1	0.6%	1	29	0.9%	36
Juneau	59	0.3%	220	11	0.2%	41	0	0.0%	0	12	0.4%	45
Kenosha	566	2.9%	349	119	1.8%	73	2	1.2%	1	114	3.4%	70
Kewaunee	17	0.1%	82	2	0.0%	10	1	0.6%	5	5	0.1%	24
La Crosse	334	1.7%	305	61	0.9%	56	0	0.0%	0	139	4.1%	127
Lafayette	17	0.1%	104	2	0.0%	12	0	0.0%	0	3	0.1%	18
Langlade	15	0.1%	73	1	0.0%	5	0	0.0%	0	6	0.2%	29
Lincoln	57	0.3%	189	2	0.0%	7	1	0.6%	3	8	0.2%	27
Manitowoc	139	0.7%	170	10	0.1%	12	1	0.6%	1	51	1.5%	62
Marathon	219	1.1%	168	27	0.4%	21	2	1.2%	2	82	2.4%	63
Marinette	52	0.3%	120	5	0.1%	12	0	0.0%	0	21	0.6%	49
Marquette	27	0.1%	177	1	0.0%	7	0	0.0%	0	10	0.3%	66
Menominee	46	0.2%	1001	17	0.3%	370	0	0.0%	0	3	0.1%	65
Milwaukee	9834	49.6%	1075	4916	72.4%	537	120	72.7%	13	870	26.0%	95
Monroe	126	0.6%	293	5	0.1%	12	0	0.0%	0	18	0.5%	42
Oconto	37	0.2%	97	5	0.1%	13	0	0.0%	0	23	0.7%	61
Oneida	30	0.2%	82	1	0.0%	3	0	0.0%	0	19	0.6%	52
Outagamie	401	2.0%	232	63	0.9%	36	2	1.2%	1	79	2.4%	46
Ozaukee	57	0.3%	66	15	0.2%	17	1	0.6%	1	27	0.8%	31

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	66	0.3%	168	3	0.0%	8	0	0.0%	0	9	0.3%	23
Polk	68	0.3%	152	8	0.1%	18	1	0.6%	2	15	0.4%	33
Portage	153	0.8%	227	12	0.2%	18	1	0.6%	1	51	1.5%	76
Price	9	0.0%	60	0	0.0%	0	0	0.0%	0	1	0.0%	7
Racine	881	4.4%	449	316	4.7%	161	2	1.2%	1	153	4.6%	78
Richland	21	0.1%	114	2	0.0%	11	0	0.0%	0	8	0.2%	44
Rock	568	2.9%	357	177	2.6%	111	1	0.6%	1	117	3.5%	74
Rusk	19	0.1%	126	0	0.0%	0	1	0.6%	7	6	0.2%	40
Sauk	104	0.5%	179	22	0.3%	38	0	0.0%	0	40	1.2%	69
Sawyer	16	0.1%	94	1	0.0%	6	0	0.0%	0	6	0.2%	35
Shawano	53	0.3%	128	3	0.0%	7	0	0.0%	0	5	0.1%	12
Sheboygan	246	1.2%	214	37	0.5%	32	0	0.0%	0	47	1.4%	41
St Croix	73	0.4%	91	6	0.1%	7	2	1.2%	2	24	0.7%	30
Taylor	11	0.1%	56	2	0.0%	10	0	0.0%	0	0	0.0%	0
Trempealeau	57	0.3%	203	2	0.0%	7	0	0.0%	0	11	0.3%	39
Unknown	17	0.1%		7	0.1%		0	0.0%		6	0.2%	
Vernon	27	0.1%	93	2	0.0%	7	0	0.0%	0	9	0.3%	31
Vilas	26	0.1%	116	1	0.0%	4	0	0.0%	0	3	0.1%	13
Walworth	145	0.7%	144	25	0.4%	25	0	0.0%	0	35	1.0%	35
Washburn	21	0.1%	126	2	0.0%	12	0	0.0%	0	6	0.2%	36
Washington	110	0.6%	86	22	0.3%	17	2	1.2%	2	51	1.5%	40
Waukesha	376	1.9%	99	44	0.6%	12	5	3.0%	1	159	4.7%	42
Waupaca	85	0.4%	161	4	0.1%	8	0	0.0%	0	17	0.5%	32
Waushara	23	0.1%	92	1	0.0%	4	0	0.0%	0	9	0.3%	36
Winnebago	428	2.2%	267	80	1.2%	50	3	1.8%	2	173	5.2%	108
Wood	113	0.6%	151	2	0.0%	3	0	0.0%	0	40	1.2%	53

\* Reported cases per 100,000 population.

**Table 4. Wisconsin sexually transmitted disease surveillance report, 2007  
Reported rates\* and imputed rates\*\* by race**

	Cases per 100,000 population***			
	<b>White</b>	<b>African American</b>	<b>Asian/Pacific Islander</b>	<b>American Indian</b>
	<b>Reported - Imputed</b>	<b>Reported - Imputed</b>	<b>Reported - Imputed</b>	<b>Reported - Imputed</b>
Chlamydia	128 - 166	1849 - 2864	229 - 306	510 - 654
Gonorrhea	19 - 25	1087 - 1509	24 - 30	138 - 169
Syphilis	1 - 1	24 - 24	3 - 3	0 - 0
Genital HSV	30 - 48	113 - 218	19 - 36	59 - 82
<b>Total</b>	<b>178 - 241</b>	<b>3073 - 4615</b>	<b>275 - 375</b>	<b>708 - 905</b>

\* 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.

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