

Sexually Transmitted Disease in Wisconsin 2011



DEPARTMENT OF HEALTH SERVICES
Division of Public Health
Bureau of Communicable Diseases and
Emergency Response
STD Control Section
P-00415 (10/2012)

Wisconsin sexually transmitted disease surveillance report, 2011

Milwaukee County

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	10,869	100.0%	1,133	3,238	100.0%	337	113	100.0%	12	14,220	100.0%	1,482
Sex												
Male	3,071	28.3%	663	1,331	41.1%	288	89	78.8%	19	4,491	31.6%	970
Female	7,795	71.7%	1,570	1,906	58.9%	384	22	19.5%	4	9,723	68.4%	1,958
Unknown	3	0.0%	-	1	0.0%	-	2	1.8%	-	6	0.0%	-
Race												
White	1,122	10.3%	170	184	5.7%	28	26	23.0%	4	1,332	9.4%	201
African American	5,604	51.6%	2,209	2,044	63.1%	806	83	73.5%	33	7,731	54.4%	3,048
American Indian	39	0.4%	392	9	0.3%	90	0	0.0%	0	48	0.3%	482
Asian/Pacific Islander	104	1.0%	304	10	0.3%	29	0	0.0%	0	114	0.8%	334
Other	215	2.0%	-	44	1.4%	-	2	1.8%	-	261	1.8%	-
Unknown	3,785	34.8%	-	947	29.2%	-	2	1.8%	-	4,734	33.3%	-
Hispanic ethnicity												
Hispanic	550	5.1%	469	106	3.3%	90	8	7.1%	7	664	4.7%	566
Not Hispanic	5,031	46.3%	597	1,698	52.4%	202	94	83.2%	11	6,823	48.0%	810
Unknown	5,288	48.7%	-	1,434	44.3%	-	11	9.7%	-	6,733	47.3%	-
Age												
0-4	4	0.0%	5	1	0.0%	1	0	0.0%	0	5	0.0%	7
5-9	6	0.1%	9	0	0.0%	0	0	0.0%	0	6	0.0%	9
10-14	162	1.5%	266	43	1.3%	71	0	0.0%	0	205	1.4%	336
15-19	3,906	35.9%	5,731	1,131	34.9%	1,659	13	11.5%	19	5,050	35.5%	7,409
20-24	3,893	35.8%	5,851	1,102	34.0%	1,656	24	21.2%	36	5,019	35.3%	7,544
25-29	1,590	14.6%	1,894	463	14.3%	552	18	15.9%	21	2,071	14.6%	2,467
30-34	699	6.4%	906	177	5.5%	229	11	9.7%	14	887	6.2%	1,150
35-39	319	2.9%	511	132	4.1%	211	9	8.0%	14	460	3.2%	737
40-44	135	1.2%	223	69	2.1%	114	13	11.5%	21	217	1.5%	358
45-49	80	0.7%	122	48	1.5%	73	9	8.0%	14	137	1.0%	208
50+	71	0.7%	26	71	2.2%	26	16	14.2%	6	158	1.1%	58
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Region of residence												
Northeastern	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Northern	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Southeastern	10,869	100.0%	1,133	3,238	100.0%	337	113	100.0%	12	14,220	100.0%	1,482
Southern	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Western	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%	-

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

** Cases per 100,000 population

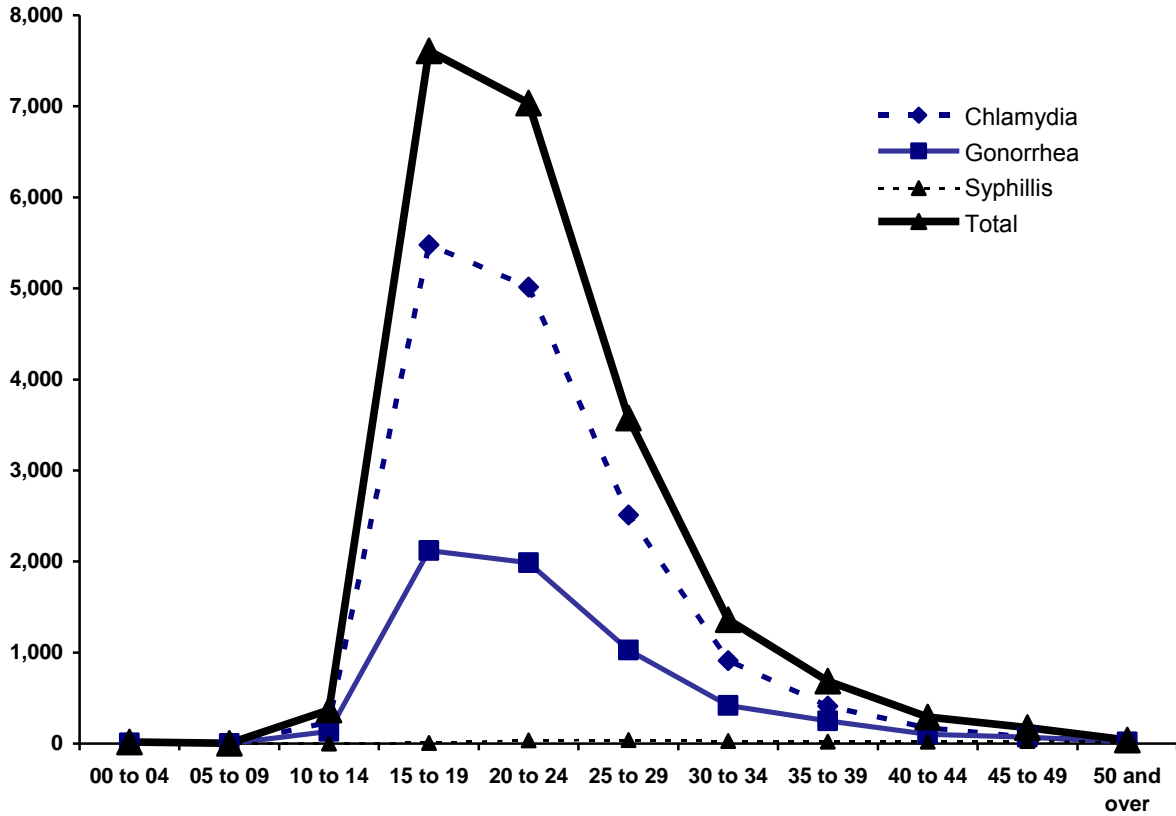
Wisconsin sexually transmitted disease surveillance report, 2011
Reported cases within City of Milwaukee zip codes by zipcode**
Milwaukee County

Zipcode	Population	Chlamydia			Gonorrhea			Syphilis			Total		
		Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
53203	335	14	0.1%	4,179	1	0.0%	299	0	0.0%	0	15	0.1%	4,478
53206	32,868	1,043	9.6%	3,173	388	12.0%	1,180	8	7.1%	24	1,439	10.1%	4,378
53210	30,509	864	8.0%	2,832	298	9.2%	977	3	2.7%	10	1,165	8.2%	3,819
53205	10,875	313	2.9%	2,878	99	3.1%	910	3	2.7%	28	415	2.9%	3,816
53216	33,871	814	7.5%	2,403	276	8.5%	815	8	7.1%	24	1,098	7.7%	3,242
53212	30,801	714	6.6%	2,318	274	8.5%	890	7	6.2%	23	995	7.0%	3,230
53218	40,513	948	8.7%	2,340	283	8.7%	699	10	8.8%	25	1,241	8.7%	3,063
53208	35,150	721	6.6%	2,051	246	7.6%	700	8	7.1%	23	975	6.9%	2,774
53233	15,485	311	2.9%	2,008	110	3.4%	710	2	1.8%	13	423	3.0%	2,732
53209	49,019	954	8.8%	1,946	344	10.6%	702	17	15.0%	35	1,315	9.3%	2,683
53225	25,991	469	4.3%	1,804	145	4.5%	558	3	2.7%	12	617	4.3%	2,374
53224	19,523	310	2.9%	1,588	108	3.3%	553	3	2.7%	15	421	3.0%	2,156
53204	42,382	584	5.4%	1,378	142	4.4%	335	6	5.3%	14	732	5.1%	1,727
53223	29,822	394	3.6%	1,321	103	3.2%	345	7	6.2%	23	504	3.5%	1,690
53215	54,950	548	5.0%	997	99	3.1%	180	6	5.3%	11	653	4.6%	1,188
53222	24,889	167	1.5%	671	42	1.3%	169	2	1.8%	8	211	1.5%	848
53202	20,967	147	1.4%	701	27	0.8%	129	3	2.7%	14	177	1.2%	844
53214	35,584	178	1.6%	500	35	1.1%	98	0	0.0%	0	213	1.5%	599
53211	35,225	161	1.5%	457	21	0.6%	60	1	0.9%	3	183	1.3%	520
53219	33,714	150	1.4%	445	21	0.6%	62	0	0.0%	0	171	1.2%	507
53221	35,422	152	1.4%	429	22	0.7%	62	5	4.4%	14	179	1.3%	505
53207	36,443	128	1.2%	351	30	0.9%	82	1	0.9%	3	159	1.1%	436
53227	23,949	82	0.8%	342	19	0.6%	79	1	0.9%	4	102	0.7%	426
53220	25,276	86	0.8%	340	7	0.2%	28	0	0.0%	0	93	0.7%	368
53235	8,825	27	0.2%	306	3	0.1%	34	2	1.8%	23	32	0.2%	363
53213	26,141	59	0.5%	226	8	0.2%	31	0	0.0%	0	67	0.5%	256
53228	14,172	28	0.3%	198	6	0.2%	42	2	1.8%	14	36	0.3%	254
53217	29,479	59	0.5%	200	14	0.4%	47	1	0.9%	3	74	0.5%	251
53226	18,835	39	0.4%	207	7	0.2%	37	1	0.9%	5	47	0.3%	250

* Cases per 100,000 population, based on 2000 US Census Data.

** Zip codes with at least 100 population for the specified group.

Wisconsin sexually transmitted disease surveillance report, 2011
Age-specific sexually transmitted disease rates*
Milwaukee County



* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2011
Unadjusted* and imputed cases per 100,000 population by race**
Milwaukee County

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	170	284	2,209	3,449	392	573	304	520
Gonorrhea	28	47	806	1,136	90	174	29	56
Syphilis	4	4	33	33	0	0	0	0
Total	201	336	3,048	4,618	482	746	334	576

* 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.

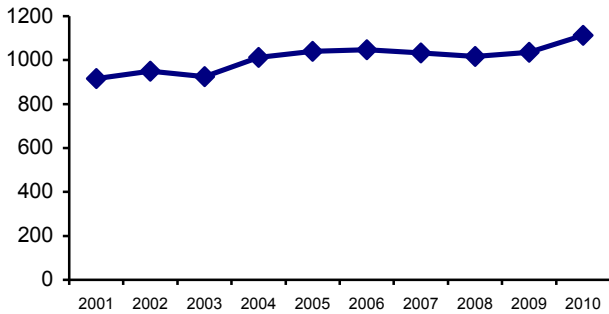
Wisconsin sexually transmitted disease surveillance report, 2011

Reported cases by year of diagnosis, past ten years

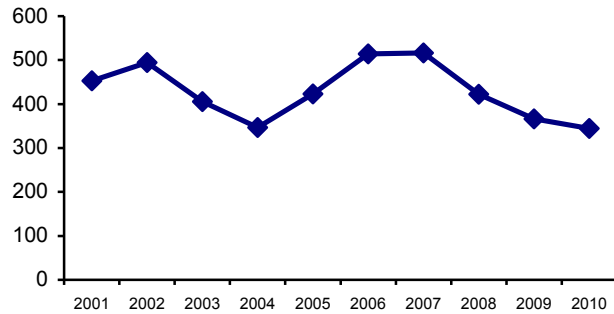
Milwaukee

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2002	9,011	950	4,687	494	96	10	13,794	1,455
2003	8,795	925	3,854	405	69	7	12,718	1,337
2004	9,642	1,013	3,299	346	77	8	13,018	1,367
2005	9,888	1,039	4,027	423	67	7	13,982	1,470
2006	9,975	1,047	4,896	514	90	9	14,961	1,571
2007	9,834	1,033	4,916	516	120	13	14,870	1,562
2008	9,702	1,017	4,032	423	137	14	13,871	1,454
2009	9,940	1,036	3,517	367	109	11	13,566	1,414
2010	10,678	1,113	3,305	344	114	12	14,097	1,469

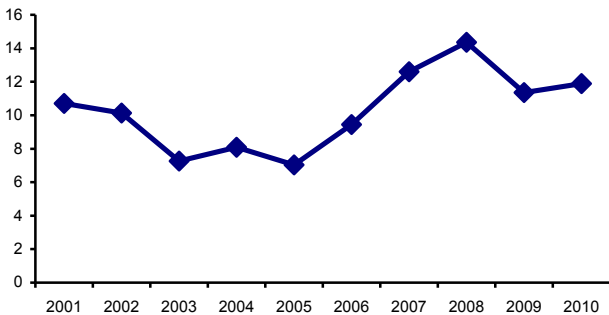
Chlamydia rate*



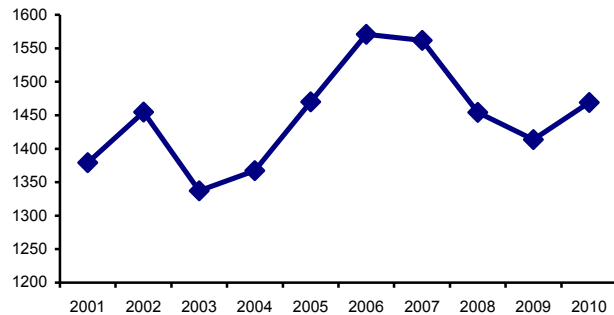
Gonorrhea rate*



Syphilis rate*



Total rate*



* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2011
Syphilis cases by disease stage
Milwaukee County

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	4	100.0%	0.4	31	100.0%	3.2	32	100.0%	3.3	67	100.0%	7.0
Sex												
Male	4	100.0%	0.9	26	83.9%	5.6	27	84.4%	5.8	57	85.1%	12.3
Female	0	0.0%	0.0	5	16.1%	1.0	5	15.6%	1.0	10	14.9%	2.0
Race												
White	3	75.0%	0.5	5	16.1%	0.8	8	25.0%	1.2	16	23.9%	2.4
African American	1	25.0%	0.4	25	80.6%	9.9	24	75.0%	9.5	50	74.6%	19.7
Other	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Unknown	0	0.0%	-	1	3.2%	-	0	0.0%	-	1	1.5%	-
Hispanic ethnicity												
Hispanic	1	25.0%	0.9	0	0.0%	0.0	1	3.1%	0.9	2	3.0%	1.7
Non-Hispanic	3	75.0%	-	29	93.5%	-	25	78.1%	-	57	85.1%	-
Unknown	0	0.0%	-	2	6.5%	-	6	18.8%	-	8	11.9%	-
Age												
0-4	0	0.0%	0.0	0	0.0%	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	0.0%	0.0	0	0.0%	0.0
10-14	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
15-19	0	0.0%	0.0	6	19.4%	8.8	7	21.9%	10.3	13	19.4%	19.1
20-24	1	25.0%	1.5	8	25.8%	12.0	9	28.1%	13.5	18	26.9%	27.1
25-29	0	0.0%	0.0	5	16.1%	6.0	7	21.9%	8.3	12	17.9%	14.3
30-34	1	25.0%	1.3	3	9.7%	3.9	4	12.5%	5.2	8	11.9%	10.4
35-39	1	25.0%	1.6	1	3.2%	1.6	0	0.0%	0.0	2	3.0%	3.2
40-44	1	25.0%	1.7	3	9.7%	5.0	1	3.1%	1.7	5	7.5%	8.3
45-49	0	0.0%	0.0	3	9.7%	4.6	2	6.3%	3.0	5	7.5%	7.6
50+	0	0.0%	0.0	2	6.5%	0.7	2	6.3%	0.7	4	6.0%	1.5
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-

* Cases per 100,000 population

** Primary, secondary and early latent cases.

Wisconsin sexually transmitted disease surveillance report, 2011
Syphilis cases by disease stage
Milwaukee County

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	44	100.0%	4.6	2	100.0%	0.2	0	0.0%	0.0	113	100.0%	11.8
Sex												
Male	31	70.5%	6.7	1	50.0%	0.2	0	0.0%	0.0	89	78.8%	19.2
Female	11	25.0%	2.2	1	50.0%	0.2	0	0.0%	0.0	22	19.5%	4.4
Race												
White	10	22.7%	1.5	0	0.0%	0.0	0	0.0%	0.0	26	23.0%	3.9
African American	32	72.7%	12.6	1	50.0%	0.4	0	0.0%	0.0	83	73.5%	32.7
Other	1	2.3%	-	1	50.0%	-	0	0.0%	-	2	1.8%	-
Unknown	1	2.3%	-	0	0.0%	-	0	0.0%	-	2	1.8%	-
Hispanic ethnicity												
Hispanic	5	11.4%	4.3	1	50.0%	0.9	0	0.0%	0.0	8	7.1%	6.8
Non-Hispanic	36	81.8%	-	1	50.0%	-	0	0.0%	-	94	83.2%	-
Unknown	3	6.8%	-	0	0.0%	-	0	0.0%	-	11	9.7%	-
Age												
0-4	0	0.0%	0.0	0	0.0%	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	0.0%	0.0	0	0.0%	0.0
10-14	0	0.0%	0.0	0	0.0%	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	0.0%	0.0	13	11.5%	19.1
20-24	5	11.4%	7.5	1	50.0%	1.5	0	0.0%	0.0	24	21.2%	36.1
25-29	6	13.6%	7.1	0	0.0%	0.0	0	0.0%	0.0	18	15.9%	21.4
30-34	3	6.8%	3.9	0	0.0%	0.0	0	0.0%	0.0	11	9.7%	14.3
35-39	7	15.9%	11.2	0	0.0%	0.0	0	0.0%	0.0	9	8.0%	14.4
40-44	7	15.9%	11.6	1	50.0%	1.7	0	0.0%	0.0	13	11.5%	21.5
45-49	4	9.1%	6.1	0	0.0%	0.0	0	0.0%	0.0	9	8.0%	13.7
50+	12	27.3%	4.4	0	0.0%	0.0	0	0.0%	0.0	16	14.2%	5.9
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 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.

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