

Sexually Transmitted Disease in Wisconsin 2015



Wisconsin sexually transmitted disease surveillance report, 2015

Persons 20-24 years of age

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	9,526	100.0%	2,425	1,678	100.0%	427	49	100.0%	12	11,253	100.0%	2,864
Sex												
Male	2,888	30.3%	1,445	810	48.3%	405	44	89.8%	22	3,742	33.3%	1,872
Female	6,634	69.6%	3,438	867	51.7%	449	5	10.2%	3	7,506	66.7%	3,889
Unknown	4	0.0%	-	1	0.1%	-	0	0.0%	-	5	0.0%	-
Race												
White	4,709	49.4%	1,353	323	19.2%	93	20	40.8%	6	5,052	44.9%	1,451
African American	2,531	26.6%	8,472	954	56.9%	3,193	23	46.9%	77	3,508	31.2%	11,742
American Indian	116	1.2%	2,302	14	0.8%	278	0	0.0%	0	130	1.2%	2,580
Asian/Pacific Islander	134	1.4%	1,366	15	0.9%	153	1	2.0%	10	150	1.3%	1,529
Other	244	2.6%	-	26	1.5%	-	1	2.0%	-	271	2.4%	-
Unknown	1,792	18.8%	-	346	20.6%	-	4	8.2%	-	2,142	19.0%	-
Hispanic ethnicity												
Hispanic	451	4.7%	2,066	46	2.7%	211	5	10.2%	23	502	4.5%	2,300
Not Hispanic	5,034	52.8%	1,357	733	43.7%	198	40	81.6%	11	5,807	51.6%	1,565
Unknown	4,041	42.4%	-	899	53.6%	-	4	8.2%	-	4,944	43.9%	-
Age												
0-4	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%	-
10-14	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%	-
20-24	9,526	100.0%	2,425	1,678	100.0%	427	49	100.0%	12	11,253	100.0%	2,864
25-29	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
30-34	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
35-39	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
40-44	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
45-49	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
50+	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%	-
Region of residence												
Northeastern	1,513	15.9%	1,952	95	5.7%	123	3	6.1%	4	1,611	14.3%	2,078
Northern	535	5.6%	1,686	19	1.1%	60	0	0.0%	0	554	4.9%	1,746
Southeastern	4,734	49.7%	3,557	1,275	76.0%	958	35	71.4%	26	6,044	53.7%	4,541
Southern	1,639	17.2%	1,837	222	13.2%	249	8	16.3%	9	1,869	16.6%	2,095
Western	1,105	11.6%	1,802	67	4.0%	109	3	6.1%	5	1,175	10.4%	1,916
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-

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

** Cases per 100,000 population

Wisconsin sexually transmitted disease surveillance report, 2015

Reported cases by region and county

Persons 20-24 years of age

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Northeastern												
Brown	392	4.1%	2,369	35	2.1%	212	2	4.1%	12	429	3.8%	2,593
Calumet	35	0.4%	1,400	1	0.1%	40	0	0.0%	0	36	0.3%	1,440
Door	15	0.2%	1,104	1	0.1%	74	0	0.0%	0	16	0.1%	1,177
Fond du lac	101	1.1%	1,518	8	0.5%	120	0	0.0%	0	109	1.0%	1,638
Green Lake	15	0.2%	1,558	2	0.1%	208	0	0.0%	0	17	0.2%	1,765
Kewaunee	20	0.2%	1,625	0	0.0%	0	0	0.0%	0	20	0.2%	1,625
Manitowoc	93	1.0%	1,992	6	0.4%	129	1	2.0%	21	100	0.9%	2,142
Marinette	47	0.5%	1,772	3	0.2%	113	0	0.0%	0	50	0.4%	1,885
Marquette	16	0.2%	2,015	1	0.1%	126	0	0.0%	0	17	0.2%	2,141
Menominee	13	0.1%	3,641	0	0.0%	0	0	0.0%	0	13	0.1%	3,641
Oconto	49	0.5%	2,303	2	0.1%	94	0	0.0%	0	51	0.5%	2,397
Outagamie	228	2.4%	2,011	16	1.0%	141	0	0.0%	0	244	2.2%	2,152
Shawano	41	0.4%	1,822	0	0.0%	0	0	0.0%	0	41	0.4%	1,822
Sheboygan	124	1.3%	1,820	8	0.5%	117	0	0.0%	0	132	1.2%	1,937
Waupaca	40	0.4%	1,426	1	0.1%	36	0	0.0%	0	41	0.4%	1,462
Waushara	19	0.2%	1,243	0	0.0%	0	0	0.0%	0	19	0.2%	1,243
Winnebago	265	2.8%	2,051	11	0.7%	85	0	0.0%	0	276	2.5%	2,136
Region total	1,513	15.9%	1,952	95	5.7%	123	3	6.1%	4	1,611	14.3%	2,078
Northern												
Ashland	10	0.1%	773	0	0.0%	0	0	0.0%	0	10	0.1%	773
Bayfield	10	0.1%	1,105	0	0.0%	0	0	0.0%	0	10	0.1%	1,105
Florence	5	0.1%	2,232	0	0.0%	0	0	0.0%	0	5	0.0%	2,232
Forest	8	0.1%	1,333	2	0.1%	333	0	0.0%	0	10	0.1%	1,667
Iron	7	0.1%	2,326	0	0.0%	0	0	0.0%	0	7	0.1%	2,326
Langlade	17	0.2%	1,573	0	0.0%	0	0	0.0%	0	17	0.2%	1,573
Lincoln	24	0.3%	1,511	0	0.0%	0	0	0.0%	0	24	0.2%	1,511
Marathon	162	1.7%	2,118	9	0.5%	118	0	0.0%	0	171	1.5%	2,236
Oneida	32	0.3%	1,606	0	0.0%	0	0	0.0%	0	32	0.3%	1,606
Portage	105	1.1%	1,296	3	0.2%	37	0	0.0%	0	108	1.0%	1,333
Price	11	0.1%	1,465	0	0.0%	0	0	0.0%	0	11	0.1%	1,465
Sawyer	12	0.1%	1,254	3	0.2%	313	0	0.0%	0	15	0.1%	1,567
Taylor	14	0.1%	1,265	0	0.0%	0	0	0.0%	0	14	0.1%	1,265
Vilas	21	0.2%	2,039	0	0.0%	0	0	0.0%	0	21	0.2%	2,039
Wood	97	1.0%	2,340	2	0.1%	48	0	0.0%	0	99	0.9%	2,388
Region total	535	5.6%	1,686	19	1.1%	60	0	0.0%	0	554	4.9%	1,746
Southeastern												
Kenosha	303	3.2%	2,859	48	2.9%	453	0	0.0%	0	351	3.1%	3,312
Milwaukee	3,578	37.6%	5,571	1,149	68.5%	1,789	31	63.3%	48	4,758	42.3%	7,409
Ozaukee	65	0.7%	1,142	3	0.2%	53	0	0.0%	0	68	0.6%	1,195
Racine	265	2.8%	2,147	39	2.3%	316	2	4.1%	16	306	2.7%	2,480
Walworth	155	1.6%	1,743	6	0.4%	67	2	4.1%	22	163	1.4%	1,833
Washington	84	0.9%	1,105	10	0.6%	132	0	0.0%	0	94	0.8%	1,237
Waukesha	284	3.0%	1,196	20	1.2%	84	0	0.0%	0	304	2.7%	1,280
Region total	4,734	49.7%	3,557	1,275	76.0%	958	35	71.4%	26	6,044	53.7%	4,541

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Southern												
Adams	13	0.1%	1,313	1	0.1%	101	0	0.0%	0	14	0.1%	1,414
Columbia	46	0.5%	1,450	1	0.1%	32	0	0.0%	0	47	0.4%	1,481
Crawford	12	0.1%	1,027	1	0.1%	86	0	0.0%	0	13	0.1%	1,112
Dane	854	9.0%	1,870	152	9.1%	333	4	8.2%	9	1,010	9.0%	2,212
Dodge	67	0.7%	1,183	2	0.1%	35	0	0.0%	0	69	0.6%	1,219
Grant	69	0.7%	1,275	6	0.4%	111	1	2.0%	18	76	0.7%	1,404
Green	22	0.2%	1,081	0	0.0%	0	1	2.0%	49	23	0.2%	1,130
Iowa	27	0.3%	2,039	1	0.1%	76	0	0.0%	0	28	0.2%	2,115
Jefferson	84	0.9%	1,540	4	0.2%	73	0	0.0%	0	88	0.8%	1,614
Juneau	24	0.3%	1,448	0	0.0%	0	0	0.0%	0	24	0.2%	1,448
Lafayette	16	0.2%	1,569	0	0.0%	0	0	0.0%	0	16	0.1%	1,569
Richland	7	0.1%	676	0	0.0%	0	0	0.0%	0	7	0.1%	676
Rock	282	3.0%	2,921	49	2.9%	508	2	4.1%	21	333	3.0%	3,449
Sauk	95	1.0%	2,875	5	0.3%	151	0	0.0%	0	100	0.9%	3,027
Vernon	21	0.2%	1,266	0	0.0%	0	0	0.0%	0	21	0.2%	1,266
Region total	1,639	17.2%	1,837	222	13.2%	249	8	16.3%	9	1,869	16.6%	2,095
Western												
Barron	38	0.4%	1,439	2	0.1%	76	0	0.0%	0	40	0.4%	1,515
Buffalo	12	0.1%	1,581	1	0.1%	132	0	0.0%	0	13	0.1%	1,713
Burnett	16	0.2%	2,081	3	0.2%	390	0	0.0%	0	19	0.2%	2,471
Chippewa	73	0.8%	1,810	8	0.5%	198	0	0.0%	0	81	0.7%	2,008
Clark	16	0.2%	900	0	0.0%	0	0	0.0%	0	16	0.1%	900
Douglas	50	0.5%	1,636	1	0.1%	33	0	0.0%	0	51	0.5%	1,669
Dunn	95	1.0%	1,652	6	0.4%	104	0	0.0%	0	101	0.9%	1,757
Eau Claire	172	1.8%	1,520	13	0.8%	115	0	0.0%	0	185	1.6%	1,635
Jackson	23	0.2%	1,705	3	0.2%	222	0	0.0%	0	26	0.2%	1,927
La Crosse	242	2.5%	2,071	17	1.0%	145	0	0.0%	0	259	2.3%	2,216
Monroe	66	0.7%	2,605	2	0.1%	79	0	0.0%	0	68	0.6%	2,684
Pepin	13	0.1%	2,796	1	0.1%	215	0	0.0%	0	14	0.1%	3,011
Pierce	86	0.9%	1,908	4	0.2%	89	0	0.0%	0	90	0.8%	1,997
Polk	48	0.5%	1,925	1	0.1%	40	0	0.0%	0	49	0.4%	1,966
Rusk	27	0.3%	3,044	0	0.0%	0	0	0.0%	0	27	0.2%	3,044
Saint Croix	70	0.7%	1,411	4	0.2%	81	3	6.1%	60	77	0.7%	1,552
Trempealeau	41	0.4%	2,820	1	0.1%	69	0	0.0%	0	42	0.4%	2,889
Washburn	17	0.2%	1,889	0	0.0%	0	0	0.0%	0	17	0.2%	1,889
Region total	1,105	11.6%	1,802	67	4.0%	109	3	6.1%	5	1,175	10.4%	1,916
Unknown												
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Region total	0	0.0%		0	0.0%		0	0.0%		0	0.0%	
Total	9,526	100.0%	2,425	1,678	100.0%	427	49	100.0%	12	11,253	100.0%	2,864

* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2015
Unadjusted* and imputed cases per 100,000 population by race**
Persons 20-24 years of age

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	1,353	1,615	8,475	11,942	2,322	2,758	1,366	1,676
Gonorrhea	93	108	3,193	4,202	278	288	153	169
Syphilis	6	7	77	80	0	0	10	11
Total	1,452	1,730	11,746	16,223	2,600	3,045	1,529	1,856

* The unadjusted rate is the number of 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.

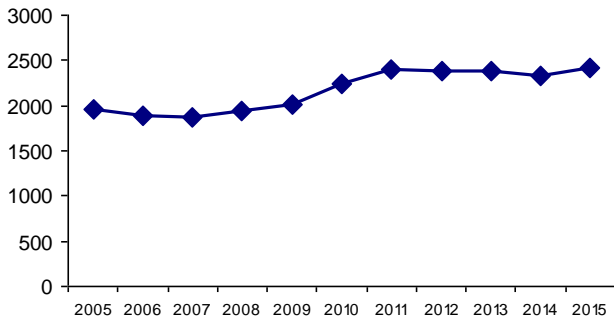
Wisconsin sexually transmitted disease surveillance report, 2015

Reported cases by year of diagnosis, past ten years

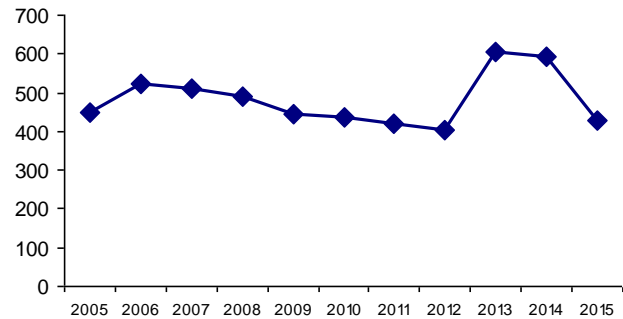
Persons 20-24 years of age

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2006	7,512	1,890	2,073	522	17	4	9,602	2,416
2007	7,355	1,873	2,004	510	23	6	9,382	2,390
2008	7,628	1,942	1,931	492	30	8	9,589	2,441
2009	7,919	2,016	1,743	444	33	8	9,695	2,468
2010	8,808	2,242	1,722	438	44	11	10,574	2,691
2011	9,455	2,407	1,648	419	39	10	11,142	2,836
2012	9,365	2,384	1,583	403	56	14	11,004	2,801
2013	9,344	2,378	2,378	605	45	11	10,907	2,776
2014	9,183	2,337	2,337	595	66	20	10,658	2,713
2015	9,526	2,425	1,678	427	49	12	11,253	2,864

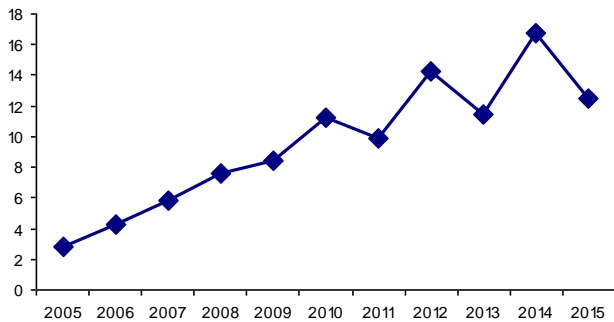
Chlamydia rate*



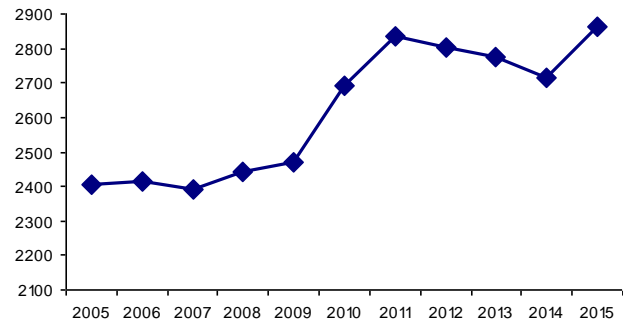
Gonorrhea rate*



Syphilis rate*



Total rate*



* Cases per 100,000 population.

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Syphilis cases by disease stage

Persons 20-24 years of age

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	5	100.0%	1.3	11	100.0%	2.8	21	100.0%	5.3	37	100.0%	9.4
Sex												
Male	5	100.0%	2.5	11	100.0%	5.5	21	100.0%	10.5	37	100.0%	18.5
Female	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Race												
White	3	60.0%	0.9	4	36.4%	1.1	8	38.1%	2.3	15	40.5%	4.3
African American	2	40.0%	6.7	5	45.5%	16.7	10	47.6%	33.5	17	45.9%	56.9
Asian/Pacific Islander	0	0.0%	0.0	1	9.1%	10.2	0	0.0%	0.0	1	2.7%	10.2
Other	0	0.0%	-	0	0.0%	-	1	4.8%	-	1	2.7%	-
Unknown	0	0.0%	-	1	9.1%	-	2	9.5%	-	3	8.1%	-
Hispanic ethnicity												
Hispanic	1	20.0%	4.6	2	18.2%	9.2	2	9.5%	9.2	5	13.5%	22.9
Non Hispanic	4	80.0%	-	8	72.7%	-	17	81.0%	-	29	78.4%	-
Unknown	0	0.0%	-	1	9.1%	-	2	9.5%	-	3	8.1%	-
Age												
0-4	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%	-
10-14	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%	-
20-24	5	100.0%	1.3	11	100.0%	2.8	21	100.0%	5.3	37	100.0%	9.4
25-29	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
30-34	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
35-39	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
40-44	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
45-49	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
50+	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%	-

* Cases per 100,000 population

** Primary, secondary and early latent cases.

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Syphilis cases by disease stage

Persons 20-24 years of age

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	12	100.0%	3.1	0	-	0.0	0	0.0%	0.0	49	100.0%	12.5
Sex												
Male	7	58.3%	3.5	0	-	0.0	0	0.0%	0.0	44	89.8%	22.0
Female	5	41.7%	2.6	0	-	0.0	0	0.0%	0.0	5	10.2%	2.6
Race												
White	5	41.7%	1.4	0	-	0.0	0	0.0%	0.0	20	40.8%	5.7
African American	6	50.0%	20.1	0	-	0.0	0	0.0%	0.0	23	46.9%	77.0
Asian/Pacific Islander	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	1	2.0%	10.2
Other	0	0.0%	-	0	-	-	0	0.0%	-	1	2.0%	-
Unknown	1	8.3%	-	0	-	-	0	0.0%	-	4	8.2%	-
Hispanic ethnicity												
Hispanic	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	5	10.2%	22.9
Non Hispanic	11	91.7%	-	0	-	-	0	0.0%	-	40	81.6%	-
Unknown	1	8.3%	-	0	-	-	0	0.0%	-	4	8.2%	-
Age												
0-4	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%	-
10-14	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%	-
20-24	12	100.0%	3.1	0	0.0%	0.0	0	0.0%	0.0	49	100.0%	12.5
25-29	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
30-34	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
35-39	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
40-44	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
45-49	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
50+	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%	-

* Cases per 100,000 population

Technical Notes

1. These reports are compiled by the Wisconsin STD Control Section 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 supersedes all previous reports.
3. Reporting of STD 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 underestimates 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 Control Section
1 West Wilson Street
PO Box 2659
Madison, WI 53701-2659
Telephone: (608) 266-8479