

# Sexually Transmitted Disease in Wisconsin 2013



DEPARTMENT OF HEALTH SERVICES  
Division of Public Health  
Bureau of Communicable Diseases and  
Emergency Preparedness  
STD Control Section  
P-00412 (05/14)

# Wisconsin sexually transmitted disease surveillance report, 2013

## Persons 15-19 years of age

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
<b>Total</b>												
Total	6,773	100.0%	1,703	1,150	100.0%	289	20	100.0%	5	7,943	100.0%	1,997
<b>Sex</b>												
Male	1,393	20.6%	681	360	31.3%	176	17	85.0%	8	1,770	22.3%	865
Female	5,378	79.4%	2,785	789	68.6%	409	3	15.0%	2	6,170	77.7%	3,195
Unknown	2	0.0%	-	1	0.1%	-	0	0.0%	-	3	0.0%	-
<b>Race</b>												
White	2,490	36.8%	723	165	14.3%	48	7	35.0%	2	2,662	33.5%	773
African American	2,259	33.4%	6,151	642	55.8%	1,748	10	50.0%	27	2,911	36.6%	7,927
American Indian	107	1.6%	1,954	10	0.9%	183	0	0.0%	0	117	1.5%	2,136
Asian/Pacific Islander	58	0.9%	522	5	0.4%	45	0	0.0%	0	63	0.8%	567
Other	199	2.9%	-	29	2.5%	-	0	0.0%	-	228	2.9%	-
Unknown	1,658	24.5%	-	299	26.0%	-	3	15.0%	-	1,960	24.7%	-
<b>Hispanic ethnicity</b>												
Hispanic	340	5.0%	1,461	41	3.6%	176	3	15.0%	13	384	4.8%	1,650
Not Hispanic	3,802	56.1%	1,015	647	56.3%	173	15	75.0%	4	4,464	56.2%	1,192
Unknown	2,599	38.4%	-	460	40.0%	-	2	10.0%	-	3,061	38.5%	-
<b>Age</b>												
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	6,773	100.0%	1,703	1,150	100.0%	289	20	100.0%	5	7,943	100.0%	1,997
20-24	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
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%	-
<b>Region of residence</b>												
Northeastern	991	14.6%	1,199	83	7.2%	100	1	5.0%	1	1,075	13.5%	1,301
Northern	330	4.9%	987	10	0.9%	30	0	0.0%	0	340	4.3%	1,017
Southeastern	3,888	57.4%	2,683	926	80.5%	639	13	65.0%	9	4,827	60.8%	3,331
Southern	1,032	15.2%	1,274	102	8.9%	126	4	20.0%	5	1,138	14.3%	1,405
Western	530	7.8%	949	29	2.5%	52	2	10.0%	4	561	7.1%	1,004
Unknown	2	0.0%	-	0	0.0%	-	0	0.0%	-	2	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, 2013

## Reported cases by region and county

### *Persons 15-19 years of age*

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
<b>Northeastern</b>												
Brown	276	4.1%	1,582	43	3.7%	247	1	5.0%	6	320	4.0%	1,835
Calumet	26	0.4%	862	5	0.4%	166	0	0.0%	0	31	0.4%	1,028
Door	8	0.1%	488	0	0.0%	0	0	0.0%	0	8	0.1%	488
Fond du lac	60	0.9%	841	1	0.1%	14	0	0.0%	0	61	0.8%	855
Green Lake	11	0.2%	1,019	0	0.0%	0	0	0.0%	0	11	0.1%	1,019
Kewaunee	12	0.2%	947	0	0.0%	0	0	0.0%	0	12	0.2%	947
Manitowoc	81	1.2%	1,517	2	0.2%	37	0	0.0%	0	83	1.0%	1,555
Marinette	19	0.3%	674	1	0.1%	35	0	0.0%	0	20	0.3%	709
Marquette	3	0.0%	353	0	0.0%	0	0	0.0%	0	3	0.0%	353
Menominee	19	0.3%	4,130	0	0.0%	0	0	0.0%	0	19	0.2%	4,130
Oconto	25	0.4%	1,028	2	0.2%	82	0	0.0%	0	27	0.3%	1,110
Outagamie	123	1.8%	987	8	0.7%	64	0	0.0%	0	131	1.6%	1,051
Shawano	35	0.5%	1,305	0	0.0%	0	0	0.0%	0	35	0.4%	1,305
Sheboygan	76	1.1%	998	4	0.3%	53	0	0.0%	0	80	1.0%	1,051
Waupaca	33	0.5%	988	3	0.3%	90	0	0.0%	0	36	0.5%	1,078
Waushara	12	0.2%	716	1	0.1%	60	0	0.0%	0	13	0.2%	776
Winnebago	172	2.5%	1,513	13	1.1%	114	0	0.0%	0	185	2.3%	1,628
<b>Region total</b>	<b>991</b>	<b>14.6%</b>	<b>1,199</b>	<b>83</b>	<b>7.2%</b>	<b>100</b>	<b>1</b>	<b>5.0%</b>	<b>1</b>	<b>1,075</b>	<b>13.5%</b>	<b>1,301</b>
<b>Northern</b>												
Ashland	4	0.1%	308	0	0.0%	0	0	0.0%	0	4	0.1%	308
Bayfield	6	0.1%	599	0	0.0%	0	0	0.0%	0	6	0.1%	599
Florence	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
Forest	23	0.3%	3,104	1	0.1%	135	0	0.0%	0	24	0.3%	3,239
Iron	5	0.1%	1,458	0	0.0%	0	0	0.0%	0	5	0.1%	1,458
Langlade	10	0.1%	789	0	0.0%	0	0	0.0%	0	10	0.1%	789
Lincoln	24	0.4%	1,152	1	0.1%	48	0	0.0%	0	25	0.3%	1,200
Marathon	108	1.6%	1,178	1	0.1%	11	0	0.0%	0	109	1.4%	1,189
Oneida	21	0.3%	982	0	0.0%	0	0	0.0%	0	21	0.3%	982
Portage	42	0.6%	710	1	0.1%	17	0	0.0%	0	43	0.5%	727
Price	4	0.1%	448	0	0.0%	0	0	0.0%	0	4	0.1%	448
Sawyer	18	0.3%	1,737	2	0.2%	193	0	0.0%	0	20	0.3%	1,931
Taylor	6	0.1%	489	1	0.1%	81	0	0.0%	0	7	0.1%	570
Vilas	10	0.1%	801	1	0.1%	80	0	0.0%	0	11	0.1%	881
Wood	49	0.7%	1,026	2	0.2%	42	0	0.0%	0	51	0.6%	1,068
<b>Region total</b>	<b>330</b>	<b>4.9%</b>	<b>987</b>	<b>10</b>	<b>0.9%</b>	<b>30</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>340</b>	<b>4.3%</b>	<b>1,017</b>
<b>Southeastern</b>												
Kenosha	285	4.2%	2,206	63	5.5%	488	0	0.0%	0	348	4.4%	2,694
Milwaukee	3,052	45.1%	4,356	790	68.7%	1,127	10	50.0%	14	3,852	48.5%	5,497
Ozaukee	28	0.4%	447	2	0.2%	32	0	0.0%	0	30	0.4%	479
Racine	232	3.4%	1,656	46	4.0%	328	2	10.0%	14	280	3.5%	1,999
Walworth	78	1.2%	1,097	6	0.5%	84	0	0.0%	0	84	1.1%	1,181
Washington	49	0.7%	580	7	0.6%	83	0	0.0%	0	56	0.7%	663
Waukesha	164	2.4%	628	12	1.0%	46	1	5.0%	4	177	2.2%	678
<b>Region total</b>	<b>3,888</b>	<b>57.4%</b>	<b>2,683</b>	<b>926</b>	<b>80.5%</b>	<b>639</b>	<b>13</b>	<b>65.0%</b>	<b>9</b>	<b>4,827</b>	<b>60.8%</b>	<b>3,331</b>

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
<b>Southern</b>												
Adams	12	0.2%	1,158	0	0.0%	0	0	0.0%	0	12	0.2%	1,158
Columbia	36	0.5%	1,051	1	0.1%	29	0	0.0%	0	37	0.5%	1,081
Crawford	6	0.1%	442	1	0.1%	74	0	0.0%	0	7	0.1%	516
Dane	533	7.9%	1,546	64	5.6%	186	3	15.0%	9	600	7.6%	1,740
Dodge	48	0.7%	869	1	0.1%	18	0	0.0%	0	49	0.6%	887
Grant	41	0.6%	935	3	0.3%	68	0	0.0%	0	44	0.6%	1,004
Green	25	0.4%	1,082	0	0.0%	0	1	5.0%	43	26	0.3%	1,125
Iowa	14	0.2%	887	0	0.0%	0	0	0.0%	0	14	0.2%	887
Jefferson	51	0.8%	832	2	0.2%	33	0	0.0%	0	53	0.7%	864
Juneau	11	0.2%	649	0	0.0%	0	0	0.0%	0	11	0.1%	649
Lafayette	5	0.1%	437	0	0.0%	0	0	0.0%	0	5	0.1%	437
Richland	3	0.0%	243	1	0.1%	81	0	0.0%	0	4	0.1%	324
Rock	190	2.8%	1,717	26	2.3%	235	0	0.0%	0	216	2.7%	1,952
Sauk	52	0.8%	1,415	3	0.3%	82	0	0.0%	0	55	0.7%	1,497
Vernon	4	0.1%	205	0	0.0%	0	0	0.0%	0	4	0.1%	205
<b>Region total</b>	<b>1,031</b>	<b>15.2%</b>	<b>1,273</b>	<b>102</b>	<b>8.9%</b>	<b>126</b>	<b>4</b>	<b>20.0%</b>	<b>5</b>	<b>1,137</b>	<b>14.3%</b>	<b>1,404</b>
<b>Western</b>												
Barron	36	0.5%	1,250	0	0.0%	0	0	0.0%	0	36	0.5%	1,250
Buffalo	4	0.1%	465	0	0.0%	0	0	0.0%	0	4	0.1%	465
Burnett	6	0.1%	641	0	0.0%	0	0	0.0%	0	6	0.1%	641
Chippewa	34	0.5%	852	1	0.1%	25	0	0.0%	0	35	0.4%	877
Clark	8	0.1%	340	0	0.0%	0	0	0.0%	0	8	0.1%	340
Douglas	54	0.8%	1,880	13	1.1%	453	0	0.0%	0	67	0.8%	2,333
Dunn	37	0.5%	937	0	0.0%	0	0	0.0%	0	37	0.5%	937
Eau Claire	70	1.0%	844	2	0.2%	24	1	5.0%	12	73	0.9%	880
Jackson	10	0.1%	794	8	0.7%	635	0	0.0%	0	18	0.2%	1,430
La Crosse	91	1.3%	983	0	0.0%	0	0	0.0%	0	91	1.1%	983
Monroe	43	0.6%	1,450	1	0.1%	34	0	0.0%	0	44	0.6%	1,483
Pepin	1	0.0%	204	0	0.0%	0	0	0.0%	0	1	0.0%	204
Pierce	32	0.5%	852	0	0.0%	0	1	5.0%	27	33	0.4%	878
Polk	25	0.4%	869	1	0.1%	35	0	0.0%	0	26	0.3%	904
Rusk	15	0.2%	1,589	1	0.1%	106	0	0.0%	0	16	0.2%	1,695
Saint Croix	1	0.0%	18	0	0.0%	0	0	0.0%	0	1	0.0%	18
Saint Croix	44	0.6%	806	2	0.2%	37	0	0.0%	0	46	0.6%	842
Trempealeau	10	0.1%	567	0	0.0%	0	0	0.0%	0	10	0.1%	567
Washburn	10	0.1%	1,047	0	0.0%	0	0	0.0%	0	10	0.1%	1,047
<b>Region total</b>	<b>531</b>	<b>7.8%</b>	<b>866</b>	<b>29</b>	<b>2.5%</b>	<b>47</b>	<b>2</b>	<b>10.0%</b>	<b>3</b>	<b>562</b>	<b>7.1%</b>	<b>917</b>
<b>Unknown</b>												
Unknown	2	0.0%	-	0	0.0%	-	0	0.0%	-	2	0.0%	-
<b>Region total</b>	<b>2</b>	<b>0.0%</b>		<b>0</b>	<b>0.0%</b>		<b>0</b>	<b>0.0%</b>		<b>2</b>	<b>0.0%</b>	
<b>Total</b>	<b>6,773</b>	<b>100.0%</b>	<b>1,680</b>	<b>1,150</b>	<b>100.0%</b>	<b>285</b>	<b>20</b>	<b>100.0%</b>	<b>5</b>	<b>7,943</b>	<b>100.0%</b>	<b>1,970</b>

\* Cases per 100,000 population.

**Wisconsin sexually transmitted disease surveillance report, 2013**  
**Unadjusted\* and imputed\*\* cases per 100,000 population by race**  
***Persons 15-19 years of age***

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	723	906	6,151	9,145	1,954	2,447	522	664
Gonorrhea	48	59	1,748	2,475	183	211	45	52
Syphilis	2	2	27	29	0	0	0	0
<b>Total</b>	<b>773</b>	<b>967</b>	<b>7,927</b>	<b>11,649</b>	<b>2,136</b>	<b>2,657</b>	<b>567</b>	<b>716</b>

\* 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 underestimates 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.

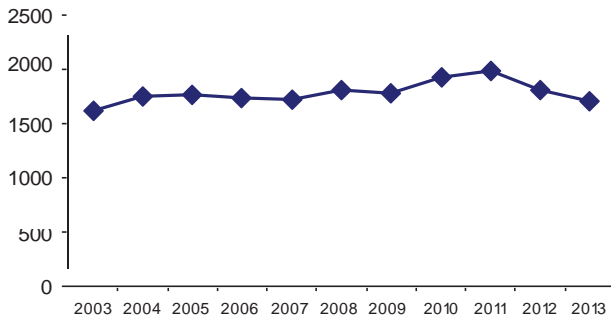
# Wisconsin sexually transmitted disease surveillance report, 2013

## Reported cases by year of diagnosis, past ten years

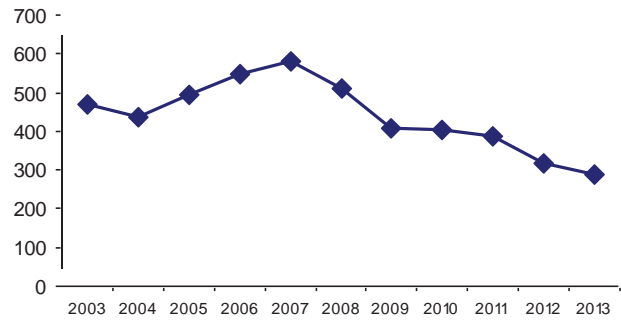
### Persons 15-19 years of age

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2004	7,017	1,746	1,755	437	10	2	8,782	2,185
2005	7,091	1,763	1,982	493	2	0	9,075	2,257
2006	6,943	1,730	2,198	548	8	2	9,149	2,280
2007	6,900	1,724	2,317	579	11	3	9,228	2,306
2008	7,188	1,807	2,033	511	10	3	9,231	2,320
2009	7,102	1,785	1,624	408	14	4	8,740	2,197
2010	7,649	1,923	1,612	405	14	4	9,275	2,331
2011	7,869	1,978	1,542	388	15	4	9,426	2,369
2012	7,195	1,809	1,265	318	14	4	8,474	2,130
2013	6,773	1,703	1,150	264	20	5	7,943	1,997

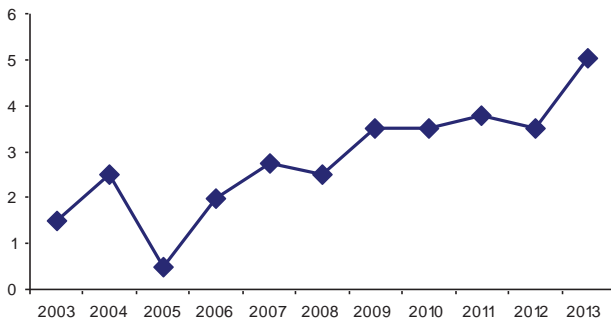
**Chlamydia rate\***



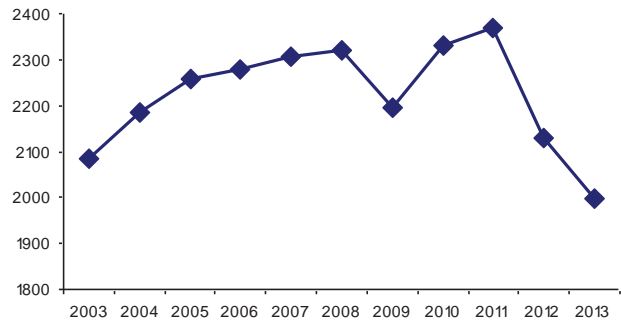
**Gonorrhea rate\***



**Syphilis rate\***



**Total rate\***



\* Cases per 100,000 population.

# Wisconsin sexually transmitted disease surveillance report, 2013

## Syphilis cases by disease stage

### Persons 15-19 years of age

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate
<b>Total</b>												
Total	3	100.0%	0.8	7	100.0%	1.8	7	100.0%	1.8	17	100.0%	4.3
<b>Sex</b>												
Male	3	100.0%	1.5	6	85.7%	2.9	7	100.0%	3.4	16	94.1%	7.8
Female	0	0.0%	0.0	1	14.3%	0.5	0	0.0%	0.0	1	5.9%	0.5
<b>Race</b>												
White	2	66.7%	0.6	4	57.1%	1.2	1	14.3%	0.3	7	41.2%	2.0
African American	1	33.3%	2.7	1	14.3%	2.7	6	85.7%	16.3	8	47.1%	21.8
Unknown	0	0.0%	-	2	28.6%	-	0	0.0%	-	2	11.8%	-
<b>Hispanic ethnicity</b>												
Hispanic	1	33.3%	4.3	2	28.6%	8.6	0	0.0%	0.0	3	17.6%	12.9
Non Hispanic	2	66.7%	-	5	71.4%	-	6	85.7%	-	13	76.5%	-
Unknown	0	0.0%	-	0	0.0%	-	1	14.3%	-	1	5.9%	-
<b>Age</b>												
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	3	100.0%	0.8	7	100.0%	1.8	7	100.0%	1.8	17	100.0%	4.3
20-24	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
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.

# Wisconsin sexually transmitted disease surveillance report, 2013

## Syphilis cases by disease stage

### Persons 15-19 years of age

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
<b>Total</b>												
Total	1	100.0%	0.3	2	100.0%	0.5	0	0.0%	0.0	20	100.0%	5.0
<b>Sex</b>												
Male	1	100.0%	0.5	0	0.0%	0.0	0	0.0%	0.0	17	85.0%	8.3
Female	0	0.0%	0.0	2	100.0%	1.0	0	0.0%	0.0	3	15.0%	1.6
<b>Race</b>												
White	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	7	35.0%	2.0
African American	1	100.0%	2.7	1	50.0%	2.7	0	0.0%	0.0	10	50.0%	27.2
Unknown	0	0.0%	-	1	50.0%	-	0	0.0%	-	3	15.0%	-
<b>Hispanic ethnicity</b>												
Hispanic	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	3	15.0%	12.9
Non Hispanic	1	100.0%	-	1	50.0%	-	0	0.0%	-	15	75.0%	-
Unknown	0	0.0%	-	1	50.0%	-	0	0.0%	-	2	10.0%	-
<b>Age</b>												
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	1	100.0%	0.3	2	100.0%	0.5	0	0.0%	0.0	20	100.0%	5.0
20-24	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
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.

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