

# Sexually Transmitted Disease in Wisconsin 2014



DEPARTMENT OF HEALTH SERVICES  
Division of Public Health  
Bureau of Communicable Diseases and  
Emergency Preparedness  
STD Control Section  
P-00412 (07/15)

# Wisconsin sexually transmitted disease surveillance report, 2014

## 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	6,497	100.0%	1,633	1,054	100.0%	265	13	100.0%	3	7,564	100.0%	1,901
<b>Sex</b>												
Male	1,301	20.0%	636	371	35.2%	181	11	84.6%	5	1,683	22.3%	822
Female	5,189	79.9%	2,687	681	64.6%	353	2	15.4%	1	5,872	77.6%	3,040
Unknown	7	0.1%	-	2	0.2%	-	0	0.0%	-	9	0.1%	-
<b>Race</b>												
White	2,472	38.0%	718	147	13.9%	43	6	46.2%	2	2,625	34.7%	762
African American	2,034	31.3%	5,539	613	58.2%	1,669	5	38.5%	14	2,652	35.1%	7,222
American Indian	86	1.3%	1,570	9	0.9%	164	0	0.0%	0	95	1.3%	1,735
Asian/Pacific Islander	49	0.8%	441	5	0.5%	45	0	0.0%	0	54	0.7%	486
Other	157	2.4%	-	19	1.8%	-	0	0.0%	-	176	2.3%	-
Unknown	1,699	26.2%	-	261	24.8%	-	2	15.4%	-	1,962	25.9%	-
<b>Hispanic ethnicity</b>												
Hispanic	339	5.2%	1,457	36	3.4%	155	1	7.7%	4	376	5.0%	1,616
Not Hispanic	3,483	53.6%	930	595	56.5%	159	10	76.9%	3	4,088	54.0%	1,091
Unknown	2,675	41.2%	-	423	40.1%	-	2	15.4%	-	3,100	41.0%	-
<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	6,497	100.0%	1,633	1,054	100.0%	265	13	100.0%	3	7,564	100.0%	1,901
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	943	14.5%	1,141	60	5.7%	73	2	15.4%	2	1,005	13.3%	1,216
Northern	367	5.6%	1,098	14	1.3%	42	1	7.7%	3	382	5.1%	1,143
Southeastern	3,677	56.6%	2,537	830	78.7%	573	6	46.2%	4	4,513	59.7%	3,114
Southern	954	14.7%	1,178	134	12.7%	165	3	23.1%	4	1,091	14.4%	1,347
Western	546	8.4%	977	16	1.5%	29	1	7.7%	2	563	7.4%	1,008
Unknown	10	0.2%	-	0	0.0%	-	0	0.0%	-	10	0.1%	-

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

\*\* Cases per 100,000 population

# Wisconsin sexually transmitted disease surveillance report, 2014

## 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	267	4.1%	1,531	26	2.5%	149	0	0.0%	0	293	3.9%	1,680
Calumet	20	0.3%	663	2	0.2%	66	0	0.0%	0	22	0.3%	729
Door	11	0.2%	672	0	0.0%	0	0	0.0%	0	11	0.1%	672
Fond du lac	76	1.2%	1,065	3	0.3%	42	0	0.0%	0	79	1.0%	1,107
Green Lake	4	0.1%	371	0	0.0%	0	0	0.0%	0	4	0.1%	371
Kewaunee	9	0.1%	710	1	0.1%	79	0	0.0%	0	10	0.1%	789
Manitowoc	53	0.8%	993	0	0.0%	0	0	0.0%	0	53	0.7%	993
Marinette	28	0.4%	993	0	0.0%	0	0	0.0%	0	28	0.4%	993
Marquette	5	0.1%	589	0	0.0%	0	0	0.0%	0	5	0.1%	589
Menominee	16	0.2%	3,478	0	0.0%	0	0	0.0%	0	16	0.2%	3,478
Oconto	22	0.3%	904	0	0.0%	0	0	0.0%	0	22	0.3%	904
Outagamie	123	1.9%	987	9	0.9%	72	1	7.7%	8	133	1.8%	1,067
Shawano	33	0.5%	1,230	3	0.3%	112	0	0.0%	0	36	0.5%	1,342
Sheboygan	84	1.3%	1,104	4	0.4%	53	1	7.7%	13	89	1.2%	1,169
Waupaca	25	0.4%	749	1	0.1%	30	0	0.0%	0	26	0.3%	779
Waushara	13	0.2%	776	1	0.1%	60	0	0.0%	0	14	0.2%	836
Winnebago	154	2.4%	1,355	10	0.9%	88	0	0.0%	0	164	2.2%	1,443
<b>Region total</b>	<b>943</b>	<b>14.5%</b>	<b>1,141</b>	<b>60</b>	<b>5.7%</b>	<b>73</b>	<b>2</b>	<b>15.4%</b>	<b>2</b>	<b>1,005</b>	<b>13.3%</b>	<b>1,216</b>
<b>Northern</b>												
Ashland	10	0.2%	770	0	0.0%	0	0	0.0%	0	10	0.1%	770
Bayfield	3	0.0%	300	0	0.0%	0	0	0.0%	0	3	0.0%	300
Florence	1	0.0%	341	0	0.0%	0	0	0.0%	0	1	0.0%	341
Forest	17	0.3%	2,294	1	0.1%	135	0	0.0%	0	18	0.2%	2,429
Iron	6	0.1%	1,749	0	0.0%	0	0	0.0%	0	6	0.1%	1,749
Langlade	6	0.1%	473	0	0.0%	0	0	0.0%	0	6	0.1%	473
Lincoln	43	0.7%	2,063	2	0.2%	96	0	0.0%	0	45	0.6%	2,159
Marathon	105	1.6%	1,145	4	0.4%	44	1	7.7%	11	110	1.5%	1,200
Oneida	22	0.3%	1,029	1	0.1%	47	0	0.0%	0	23	0.3%	1,076
Portage	40	0.6%	677	2	0.2%	34	0	0.0%	0	42	0.6%	710
Price	8	0.1%	897	0	0.0%	0	0	0.0%	0	8	0.1%	897
Sawyer	21	0.3%	2,027	2	0.2%	193	0	0.0%	0	23	0.3%	2,220
Taylor	10	0.2%	815	1	0.1%	81	0	0.0%	0	11	0.1%	896
Vilas	12	0.2%	962	0	0.0%	0	0	0.0%	0	12	0.2%	962
Wood	63	1.0%	1,319	1	0.1%	21	0	0.0%	0	64	0.8%	1,340
<b>Region total</b>	<b>367</b>	<b>5.6%</b>	<b>1,098</b>	<b>14</b>	<b>1.3%</b>	<b>42</b>	<b>1</b>	<b>7.7%</b>	<b>3</b>	<b>382</b>	<b>5.1%</b>	<b>1,143</b>
<b>Southeastern</b>												
Kenosha	244	3.8%	1,889	60	5.7%	465	1	7.7%	8	305	4.0%	2,361
Milwaukee	2,851	43.9%	4,069	680	64.5%	970	5	38.5%	7	3,536	46.7%	5,046
Ozaukee	34	0.5%	543	3	0.3%	48	0	0.0%	0	37	0.5%	591
Racine	251	3.9%	1,792	58	5.5%	414	0	0.0%	0	309	4.1%	2,206
Walworth	60	0.9%	844	2	0.2%	28	0	0.0%	0	62	0.8%	872
Washington	66	1.0%	781	8	0.8%	95	0	0.0%	0	74	1.0%	876
Waukesha	171	2.6%	655	19	1.8%	73	0	0.0%	0	190	2.5%	728
<b>Region total</b>	<b>3,677</b>	<b>56.6%</b>	<b>2,537</b>	<b>830</b>	<b>78.7%</b>	<b>573</b>	<b>6</b>	<b>46.2%</b>	<b>4</b>	<b>4,513</b>	<b>59.7%</b>	<b>3,114</b>

Wisconsin STD Program data

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
<b>Southern</b>												
Adams	17	0.3%	1,641	0	0.0%	0	0	0.0%	0	17	0.2%	1,641
Columbia	28	0.4%	818	1	0.1%	29	0	0.0%	0	29	0.4%	847
Crawford	6	0.1%	442	0	0.0%	0	0	0.0%	0	6	0.1%	442
Dane	447	6.9%	1,297	104	9.9%	302	2	15.4%	6	553	7.3%	1,604
Dodge	35	0.5%	634	5	0.5%	91	0	0.0%	0	40	0.5%	724
Grant	25	0.4%	570	0	0.0%	0	0	0.0%	0	25	0.3%	570
Green	17	0.3%	736	0	0.0%	0	0	0.0%	0	17	0.2%	736
Iowa	3	0.0%	190	0	0.0%	0	0	0.0%	0	3	0.0%	190
Jefferson	47	0.7%	766	2	0.2%	33	1	7.7%	16	50	0.7%	815
Juneau	19	0.3%	1,122	1	0.1%	59	0	0.0%	0	20	0.3%	1,181
Lafayette	5	0.1%	437	0	0.0%	0	0	0.0%	0	5	0.1%	437
Richland	16	0.2%	1,297	1	0.1%	81	0	0.0%	0	17	0.2%	1,378
Rock	213	3.3%	1,925	17	1.6%	154	0	0.0%	0	230	3.0%	2,079
Sauk	62	1.0%	1,687	3	0.3%	82	0	0.0%	0	65	0.9%	1,769
Vernon	14	0.2%	717	0	0.0%	0	0	0.0%	0	14	0.2%	717
<b>Region total</b>	<b>954</b>	<b>14.7%</b>	<b>1,178</b>	<b>134</b>	<b>12.7%</b>	<b>165</b>	<b>3</b>	<b>23.1%</b>	<b>4</b>	<b>1,091</b>	<b>14.4%</b>	<b>1,347</b>
<b>Western</b>												
Barron	37	0.6%	1,284	1	0.1%	35	0	0.0%	0	38	0.5%	1,319
Buffalo	1	0.0%	116	0	0.0%	0	0	0.0%	0	1	0.0%	116
Burnett	5	0.1%	534	0	0.0%	0	0	0.0%	0	5	0.1%	534
Chippewa	41	0.6%	1,028	1	0.1%	25	0	0.0%	0	42	0.6%	1,053
Clark	10	0.2%	425	1	0.1%	43	0	0.0%	0	11	0.1%	468
Douglas	60	0.9%	2,089	3	0.3%	104	0	0.0%	0	63	0.8%	2,194
Dunn	26	0.4%	659	0	0.0%	0	0	0.0%	0	26	0.3%	659
Eau Claire	68	1.0%	820	4	0.4%	48	1	7.7%	12	73	1.0%	880
Jackson	9	0.1%	715	1	0.1%	79	0	0.0%	0	10	0.1%	794
La Crosse	103	1.6%	1,113	0	0.0%	0	0	0.0%	0	103	1.4%	1,113
Monroe	43	0.7%	1,450	0	0.0%	0	0	0.0%	0	43	0.6%	1,450
Pepin	6	0.1%	1,227	0	0.0%	0	0	0.0%	0	6	0.1%	1,227
Pierce	33	0.5%	878	0	0.0%	0	0	0.0%	0	33	0.4%	878
Polk	22	0.3%	765	2	0.2%	70	0	0.0%	0	24	0.3%	834
Rusk	13	0.2%	1,377	0	0.0%	0	0	0.0%	0	13	0.2%	1,377
Saint Croix	38	0.6%	696	3	0.3%	55	0	0.0%	0	41	0.5%	751
Trempealeau	14	0.2%	794	0	0.0%	0	0	0.0%	0	14	0.2%	794
Washburn	17	0.3%	1,780	0	0.0%	0	0	0.0%	0	17	0.2%	1,780
<b>Region total</b>	<b>546</b>	<b>8.4%</b>	<b>977</b>	<b>16</b>	<b>1.5%</b>	<b>29</b>	<b>1</b>	<b>7.7%</b>	<b>2</b>	<b>563</b>	<b>7.4%</b>	<b>1,008</b>
<b>Unknown</b>												
Unknown	10	0.2%	-	0	0.0%	-	0	0.0%	-	10	0.1%	-
<b>Region total</b>	<b>10</b>	<b>0.2%</b>		<b>0</b>	<b>0.0%</b>		<b>0</b>	<b>0.0%</b>		<b>10</b>	<b>0.1%</b>	
<b>Total</b>	<b>6,497</b>	<b>100.0%</b>	<b>1,633</b>	<b>1,054</b>	<b>100.0%</b>	<b>265</b>	<b>13</b>	<b>100.0%</b>	<b>3</b>	<b>7,564</b>	<b>100.0%</b>	<b>1,901</b>

\* Cases per 100,000 population.

**Wisconsin sexually transmitted disease surveillance report, 2014**  
**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	718	913	5,539	8,526	1,570	1,818	441	550
Gonorrhea	43	51	1,669	2,300	164	186	45	56
Syphilis	2	2	14	14	0	0	0	0
<b>Total</b>	762	966	7,222	10,840	1,735	2,005	486	606

\* 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.

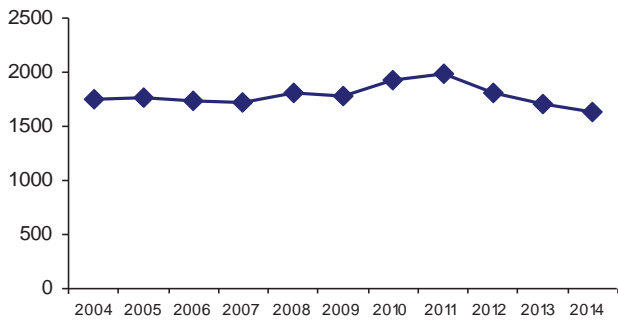
# Wisconsin sexually transmitted disease surveillance report, 2014

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

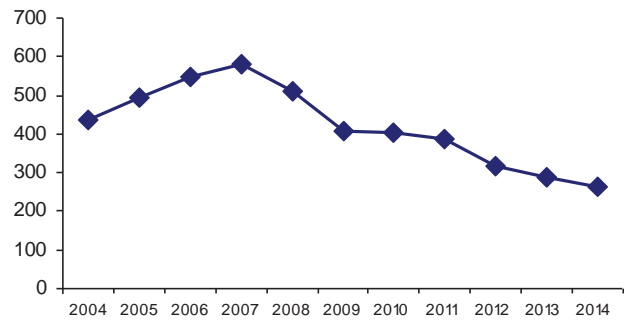
### Persons 15-19 years of age

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
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	1,703	428	20	5	7,943	1,997
2014	6,497	1,633	1,054	265	13	3	7,564	1,901

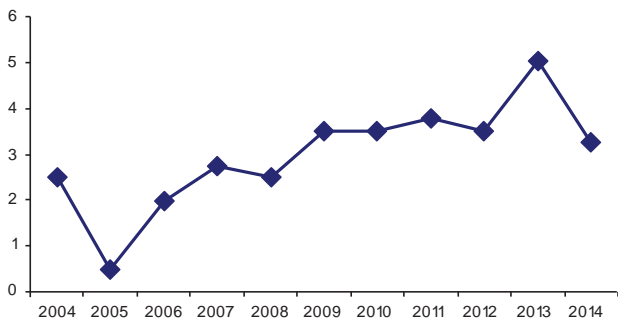
**Chlamydia rate\***



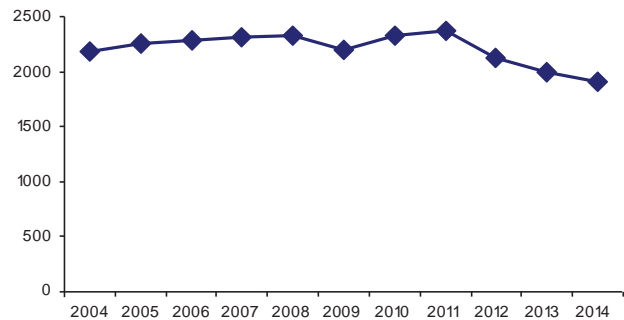
**Gonorrhea rate\***



**Syphilis rate\***



**Total rate\***



\* Cases per 100,000 population.

# Wisconsin sexually transmitted disease surveillance report, 2014

## 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
0	-	0.0	6	100.0%	1.5	3	100.0%	0.8	9	100.0%	2.3
0	-	0.0	6	100.0%	2.9	3	100.0%	1.5	9	100.0%	4.4
0	-	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
0	-	0.0	4	66.7%	1.2	2	66.7%	0.6	6	66.7%	1.7
0	-	0.0	2	33.3%	5.4	1	33.3%	2.7	3	33.3%	8.2
0	-	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	-	0.0	0	0.0%	0.0	1	33.3%	4.3	1	11.1%	4.3
0	-	-	6	100.0%	-	2	66.7%	-	8	88.9%	-
0	-	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	0.0	6	100.0%	1.5	3	100.0%	0.8	9	100.0%	2.3
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-

tion  
early latent cases.

Wisconsin STD Program data

# Wisconsin sexually transmitted disease surveillance report, 2014

## 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*
4	100.0%	1.0	0	-	0.0	0	0.0%	0.0	13	100.0%	3.3
2	50.0%	1.0	0	-	0.0	0	0.0%	0.0	11	84.6%	5.4
2	50.0%	1.0	0	-	0.0	0	0.0%	0.0	2	15.4%	1.0
0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	6	46.2%	1.7
2	50.0%	5.4	0	-	0.0	0	0.0%	0.0	5	38.5%	13.6
2	50.0%	-	0	-	-	0	0.0%	-	2	15.4%	-
0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	1	7.7%	4.3
2	50.0%	-	0	-	-	0	0.0%	-	10	76.9%	-
2	50.0%	-	0	-	-	0	0.0%	-	2	15.4%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
4	100.0%	1.0	0	0.0%	0.0	0	0.0%	0.0	13	100.0%	3.3
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-

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Wisconsin STD Program data



## 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 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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