

# Sexually Transmitted Disease in Wisconsin 2012



DEPARTMENT OF HEALTH SERVICES  
Division of Public Health  
Bureau of Communicable Diseases and  
Emergency Preparedness  
STD Control Section  
P-00412 (06/13)

# Wisconsin sexually transmitted disease surveillance report, 2012

## 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	7,195	100.0%	1,781	1,265	100.0%	313	14	100.0%	3	8,474	100.0%	2,097
<b>Sex</b>												
Male	1,462	20.3%	706	409	32.3%	198	10	71.4%	5	1,881	22.2%	909
Female	5,733	79.7%	2,909	856	67.7%	434	4	28.6%	2	6,593	77.8%	3,346
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
<b>Race</b>												
White	2,569	35.7%	738	186	14.7%	53	5	35.7%	1	2,760	32.6%	793
African American	2,513	34.9%	6,627	753	59.5%	1,986	5	35.7%	13	3,271	38.6%	8,627
American Indian	119	1.7%	2,172	11	0.9%	201	0	0.0%	0	130	1.5%	2,373
Asian/Pacific Islander	66	0.9%	531	4	0.3%	32	0	0.0%	0	70	0.8%	563
Other	156	2.2%	-	20	1.6%	-	1	7.1%	-	177	2.1%	-
Unknown	1,772	24.6%	-	291	23.0%	-	3	21.4%	-	2,066	24.4%	-
<b>Hispanic ethnicity</b>												
Hispanic	378	5.3%	1,462	38	3.0%	147	5	35.7%	19	421	5.0%	1,629
Not Hispanic	4,283	59.5%	1,132	784	62.0%	207	9	64.3%	2	5,076	59.9%	1,342
Unknown	2,534	35.2%	-	443	35.0%	-	0	0.0%	-	2,977	35.1%	-
<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	7,195	100.0%	1,781	1,265	100.0%	313	14	100.0%	3	8,474	100.0%	2,097
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	1,138	15.8%	1,358	106	8.4%	127	3	21.4%	4	1,247	14.7%	1,489
Northern	327	4.5%	971	7	0.6%	21	0	0.0%	0	334	3.9%	991
Southeastern	4,130	57.4%	2,859	1,013	80.1%	701	10	71.4%	7	5,153	60.8%	3,567
Southern	1,118	15.5%	1,332	119	9.4%	142	1	7.1%	1	1,238	14.6%	1,475
Western	479	6.7%	823	20	1.6%	34	0	0.0%	0	499	5.9%	858
Unknown	3	0.0%	-	0	0.0%	-	0	0.0%	-	3	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, 2012

## Reported cases by region and county

### Person 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	323	4.5%	1,824	44	3.5%	248	1	7.1%	6	368	4.3%	2,078
Calumet	27	0.4%	881	1	0.1%	33	0	0.0%	0	28	0.3%	913
Door	10	0.1%	584	2	0.2%	117	1	7.1%	58	13	0.2%	760
Fond du lac	78	1.1%	1,059	7	0.6%	95	0	0.0%	0	85	1.0%	1,154
Green Lake	13	0.2%	1,140	1	0.1%	88	0	0.0%	0	14	0.2%	1,228
Kewaunee	14	0.2%	1,084	0	0.0%	0	0	0.0%	0	14	0.2%	1,084
Manitowoc	79	1.1%	1,453	7	0.6%	129	0	0.0%	0	86	1.0%	1,581
Marinette	43	0.6%	1,577	5	0.4%	183	0	0.0%	0	48	0.6%	1,761
Marquette	10	0.1%	1,178	0	0.0%	0	0	0.0%	0	10	0.1%	1,178
Menominee	19	0.3%	4,388	0	0.0%	0	0	0.0%	0	19	0.2%	4,388
Oconto	17	0.2%	696	1	0.1%	41	0	0.0%	0	18	0.2%	737
Outagamie	144	2.0%	1,151	17	1.3%	136	0	0.0%	0	161	1.9%	1,287
Shawano	28	0.4%	1,042	1	0.1%	37	0	0.0%	0	29	0.3%	1,079
Sheboygan	88	1.2%	1,146	3	0.2%	39	1	7.1%	13	92	1.1%	1,198
Waupaca	48	0.7%	1,341	2	0.2%	56	0	0.0%	0	50	0.6%	1,397
Waushara	15	0.2%	860	0	0.0%	0	0	0.0%	0	15	0.2%	860
Winnebago	182	2.5%	1,596	15	1.2%	131	0	0.0%	0	197	2.3%	1,727
<b>Region total</b>	<b>1,138</b>	<b>15.8%</b>	<b>1,358</b>	<b>106</b>	<b>8.4%</b>	<b>127</b>	<b>3</b>	<b>21.4%</b>	<b>4</b>	<b>1,247</b>	<b>14.7%</b>	<b>1,489</b>
<b>Northern</b>												
Ashland	3	0.0%	227	0	0.0%	0	0	0.0%	0	3	0.0%	227
Bayfield	7	0.1%	716	0	0.0%	0	0	0.0%	0	7	0.1%	716
Florence	2	0.0%	683	0	0.0%	0	0	0.0%	0	2	0.0%	683
Forest	25	0.3%	3,351	1	0.1%	134	0	0.0%	0	26	0.3%	3,485
Iron	1	0.0%	288	0	0.0%	0	0	0.0%	0	1	0.0%	288
Langlade	6	0.1%	464	0	0.0%	0	0	0.0%	0	6	0.1%	464
Lincoln	21	0.3%	964	0	0.0%	0	0	0.0%	0	21	0.2%	964
Marathon	81	1.1%	908	5	0.4%	56	0	0.0%	0	86	1.0%	964
Oneida	30	0.4%	1,423	0	0.0%	0	0	0.0%	0	30	0.4%	1,423
Portage	60	0.8%	975	0	0.0%	0	0	0.0%	0	60	0.7%	975
Price	6	0.1%	673	0	0.0%	0	0	0.0%	0	6	0.1%	673
Sawyer	14	0.2%	1,322	0	0.0%	0	0	0.0%	0	14	0.2%	1,322
Taylor	8	0.1%	624	0	0.0%	0	0	0.0%	0	8	0.1%	624
Vilas	14	0.2%	1,116	0	0.0%	0	0	0.0%	0	14	0.2%	1,116
Wood	49	0.7%	1,005	1	0.1%	21	0	0.0%	0	50	0.6%	1,026
<b>Region total</b>	<b>327</b>	<b>4.5%</b>	<b>971</b>	<b>7</b>	<b>0.6%</b>	<b>21</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>334</b>	<b>3.9%</b>	<b>991</b>
<b>Southeastern</b>												
Kenosha	311	4.3%	2,443	40	3.2%	314	1	7.1%	8	352	4.2%	2,765
Milwaukee	3,284	45.6%	4,818	890	70.4%	1,306	9	64.3%	13	4,183	49.4%	6,137
Ozaukee	21	0.3%	327	5	0.4%	78	0	0.0%	0	26	0.3%	405
Racine	261	3.6%	1,858	54	4.3%	384	0	0.0%	0	315	3.7%	2,242
Walworth	62	0.9%	810	5	0.4%	65	0	0.0%	0	67	0.8%	876
Washington	48	0.7%	555	6	0.5%	69	0	0.0%	0	54	0.6%	624
Waukesha	143	2.0%	533	13	1.0%	48	0	0.0%	0	156	1.8%	582
<b>Region total</b>	<b>4,130</b>	<b>57.4%</b>	<b>2,859</b>	<b>1,013</b>	<b>80.1%</b>	<b>701</b>	<b>10</b>	<b>71.4%</b>	<b>7</b>	<b>5,153</b>	<b>60.8%</b>	<b>3,567</b>

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
<b>Southern</b>												
Adams	14	0.2%	1,260	0	0.0%	0	0	0.0%	0	14	0.2%	1,260
Columbia	45	0.6%	1,297	1	0.1%	29	0	0.0%	0	46	0.5%	1,326
Crawford	6	0.1%	435	0	0.0%	0	0	0.0%	0	6	0.1%	435
Dane	514	7.1%	1,416	59	4.7%	163	1	7.1%	3	574	6.8%	1,581
Dodge	59	0.8%	1,067	4	0.3%	72	0	0.0%	0	63	0.7%	1,139
Grant	40	0.6%	841	4	0.3%	84	0	0.0%	0	44	0.5%	925
Green	27	0.4%	1,112	4	0.3%	165	0	0.0%	0	31	0.4%	1,276
Iowa	6	0.1%	390	1	0.1%	65	0	0.0%	0	7	0.1%	455
Jefferson	64	0.9%	1,029	0	0.0%	0	0	0.0%	0	64	0.8%	1,029
Juneau	22	0.3%	1,215	2	0.2%	110	0	0.0%	0	24	0.3%	1,326
Lafayette	5	0.1%	423	1	0.1%	85	0	0.0%	0	6	0.1%	507
Richland	4	0.1%	325	0	0.0%	0	0	0.0%	0	4	0.0%	325
Rock	262	3.6%	2,323	40	3.2%	355	0	0.0%	0	302	3.6%	2,678
Sauk	35	0.5%	944	1	0.1%	27	0	0.0%	0	36	0.4%	971
Vernon	15	0.2%	757	2	0.2%	101	0	0.0%	0	17	0.2%	858
<b>Region total</b>	<b>1,118</b>	<b>15.5%</b>	<b>1,332</b>	<b>119</b>	<b>9.4%</b>	<b>142</b>	<b>1</b>	<b>7.1%</b>	<b>1</b>	<b>1,238</b>	<b>14.6%</b>	<b>1,475</b>
<b>Western</b>												
Barron	39	0.5%	1,334	1	0.1%	34	0	0.0%	0	40	0.5%	1,368
Buffalo	5	0.1%	556	1	0.1%	111	0	0.0%	0	6	0.1%	667
Burnett	5	0.1%	502	1	0.1%	100	0	0.0%	0	6	0.1%	602
Chippewa	33	0.5%	818	0	0.0%	0	0	0.0%	0	33	0.4%	818
Clark	10	0.1%	407	0	0.0%	0	0	0.0%	0	10	0.1%	407
Douglas	59	0.8%	2,084	3	0.2%	106	0	0.0%	0	62	0.7%	2,190
Dunn	27	0.4%	631	0	0.0%	0	0	0.0%	0	27	0.3%	631
Eau Claire	53	0.7%	598	1	0.1%	11	0	0.0%	0	54	0.6%	610
Jackson	14	0.2%	1,058	1	0.1%	76	0	0.0%	0	15	0.2%	1,134
La Crosse	82	1.1%	827	10	0.8%	101	0	0.0%	0	92	1.1%	928
Monroe	44	0.6%	1,410	0	0.0%	0	0	0.0%	0	44	0.5%	1,410
Pepin	2	0.0%	422	0	0.0%	0	0	0.0%	0	2	0.0%	422
Pierce	29	0.4%	734	1	0.1%	25	0	0.0%	0	30	0.4%	759
Polk	35	0.5%	1,152	1	0.1%	33	0	0.0%	0	36	0.4%	1,185
Rusk	15	0.2%	1,493	0	0.0%	0	0	0.0%	0	15	0.2%	1,493
St. Croix	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
Trempealeau	20	0.3%	1,124	0	0.0%	0	0	0.0%	0	20	0.2%	1,124
Washburn	7	0.1%	714	0	0.0%	0	0	0.0%	0	7	0.1%	714
<b>Region total</b>	<b>479</b>	<b>6.7%</b>	<b>823</b>	<b>20</b>	<b>1.6%</b>	<b>34</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>499</b>	<b>5.9%</b>	<b>858</b>
<b>Unknown</b>												
Unknown	3	0.0%	-	0	0.0%	-	0	0.0%	-	3	0.0%	-
<b>Region total</b>	<b>3</b>	<b>0.0%</b>		<b>0</b>	<b>0.0%</b>		<b>0</b>	<b>0.0%</b>		<b>3</b>	<b>0.0%</b>	
<b>Total</b>	<b>7,195</b>	<b>100.0%</b>	<b>1,781</b>	<b>1,265</b>	<b>100.0%</b>	<b>313</b>	<b>14</b>	<b>100.0%</b>	<b>3</b>	<b>8,474</b>	<b>100.0%</b>	<b>2,097</b>

\* Cases per 100,000 population.

**Wisconsin sexually transmitted disease surveillance report, 2012**  
**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	738	947	6,627	9,420	2,172	2,799	531	763
Gonorrhea	53	66	1,986	2,620	201	204	32	34
Syphilis	1	2	13	18	0	0	0	0
<b>Total</b>	793	1,014	8,627	12,058	2,373	3,003	563	797

\* 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.

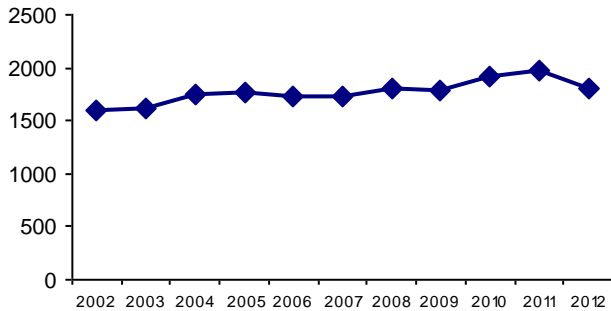
# Wisconsin sexually transmitted disease surveillance report, 2012

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

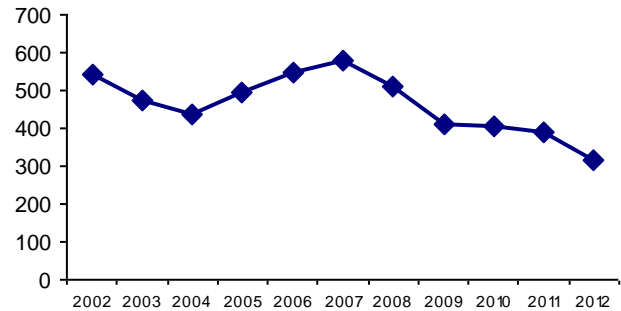
### Persons 15-19 years of age

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2003	6,479	1,612	1,893	471	6	1	8,378	2,085
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

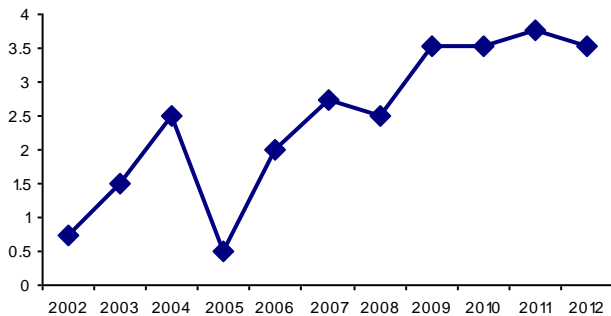
**Chlamydia rate\***



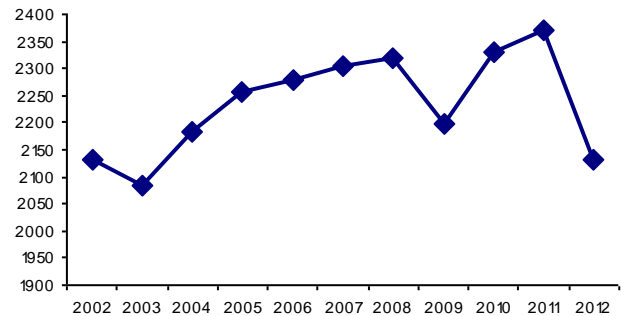
**Gonorrhea rate\***



**Syphilis rate\***



**Total rate\***



\* Cases per 100,000 population.

# Wisconsin sexually transmitted disease surveillance report, 2012

## 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	1	100.0%	0.2	3	100.0%	0.7	9	100.0%	2.2	13	100.0%	3.2
<b>Sex</b>												
Male	1	100.0%	0.5	2	66.7%	1.0	7	77.8%	3.4	10	76.9%	4.8
Female	0	0.0%	0.0	1	33.3%	0.5	2	22.2%	1.0	3	23.1%	1.5
<b>Race</b>												
White	0	0.0%	0.0	1	33.3%	0.3	3	33.3%	0.9	4	30.8%	1.1
African American	1	100.0%	2.6	0	0.0%	0.0	4	44.4%	10.5	5	38.5%	13.2
Other	0	0.0%	-	1	33.3%	-	0	0.0%	-	1	7.7%	-
Unknown	0	0.0%	-	1	33.3%	-	2	22.2%	-	3	23.1%	-
<b>Hispanic ethnicity</b>												
Hispanic	0	0.0%	0.0	2	66.7%	7.7	2	22.2%	7.7	4	30.8%	15.5
Non Hispanic	1	100.0%	-	1	33.3%	-	7	77.8%	-	9	69.2%	-
<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%	0.2	3	100.0%	0.7	9	100.0%	2.2	13	100.0%	3.2
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, 2012

## 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%	0.2	0	-	0.0	0	0.0%	0.0	14	100.0%	3.5
<b>Sex</b>												
Male	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	10	71.4%	4.8
Female	1	100.0%	0.5	0	-	0.0	0	0.0%	0.0	4	28.6%	2.0
<b>Race</b>												
White	1	100.0%	0.3	0	-	0.0	0	0.0%	0.0	5	35.7%	1.4
African American	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	5	35.7%	13.2
Other	0	0.0%	-	0	-	-	0	0.0%	-	1	7.1%	-
Unknown	0	0.0%	-	0	-	-	0	0.0%	-	3	21.4%	-
<b>Hispanic ethnicity</b>												
Hispanic	1	100.0%	3.9	0	-	0.0	0	0.0%	0.0	5	35.7%	19.3
Non Hispanic	0	0.0%	-	0	-	-	0	0.0%	-	9	64.3%	-
<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%	0.2	0	0.0%	0.0	0	0.0%	0.0	14	100.0%	3.5
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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