

# Sexually Transmitted Disease in Wisconsin 2018



# Wisconsin sexually transmitted disease surveillance report, 2018

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
<b>Total</b>												
Total	27,580	100.0%	490	7,827	100.0%	139	511	100.0%	9	35,918	100.0%	642
<b>Sex</b>												
Male	9,123	33.1%	326	4,163	53.2%	149	421	82.4%	15	13,706	38.0%	490
Female	18,429	66.8%	651	3,657	46.7%	129	90	17.6%	3	22,176	61.9%	789
Unknown	28	0.1%	-	7	0.1%	-	0	0.0%	-	35	0.1%	-
<b>Race</b>												
White	12,830	46.5%	252	2,364	30.2%	47	273	53.3%	5	15,017	43.0%	305
African American	9,558	34.7%	2,631	4,228	54.0%	1,164	205	40.2%	55	13,991	38.9%	3,868
American Indian	404	1.5%	673	80	1.0%	133	0	0.0%	0	484	1.3%	810
Asian/Pacific Islander	418	1.5%	339	91	1.2%	74	18	3.5%	15	527	1.5%	428
Other	1,216	4.4%	-	203	2.6%	-	15	2.7%	-	1,434	4.0%	-
Unknown	3,154	11.4%	-	861	11.0%	-	0	0.0%	-	4,015	11.3%	-
<b>Hispanic ethnicity</b>												
Hispanic	2,313	8.4%	809	447	5.7%	156	73	14.3%	25	2,873	8.0%	1,005
Not Hispanic	19,319	70.0%	362	5,851	74.8%	110	438	85.7%	8	25,608	71.2%	480
Unknown	5,948	21.6%	-	1,529	19.5%	-	0	0.0%	-	7,477	20.9%	-
<b>Age</b>												
0-4	15	0.1%	4	3	0.0%	1	1	0.0%	0	19	0.0%	5
5-9	5	0.0%	1	4	0.1%	1	0	0.0%	0	9	0.0%	3
10-14	248	0.9%	68	86	1.1%	24	0	0.0%	0	334	0.9%	92
15-19	7,482	27.1%	1,881	1,679	21.5%	422	38	7.5%	10	9,199	25.6%	2,320
20-24	10,328	37.4%	2,629	2,144	27.4%	546	96	18.8%	24	12,568	35.0%	3,210
25-29	5,127	18.6%	1,349	1,552	19.8%	408	102	20.0%	26	6,781	18.9%	1,795
30-34	2,261	8.2%	666	980	12.5%	289	83	16.3%	24	3,324	9.3%	984
35-39	1,087	3.9%	298	522	6.7%	143	52	10.2%	13	1,661	4.6%	457
40-44	470	1.7%	117	273	3.5%	68	44	8.8%	10	787	2.2%	1954
45-49	244	0.9%	54	225	2.9%	50	43	8.4%	9	512	1.4%	113
50+	312	1.1%	17	358	4.6%	20	52	10.2%	3	722	2.0%	39
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
<b>Region of residence</b>												
Northeastern	4,292	15.6%	356	696	8.9%	58	96	18.8%	7	5,084	14.1%	420
Northern	1,191	4.3%	246	146	1.9%	30	11	2.2%	2	1,348	3.7%	280
Southeastern	14,540	52.7%	722	5,238	66.9%	260	273	53.1%	13	20,051	56.0%	1,003
Southern	4,998	18.1%	430	1,126	14.4%	97	102	20.0%	8	6,226	17.2%	535
Western	2,559	9.3%	335	621	7.9%	81	30	5.9%	4	3,210	8.9%	420
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, 2018

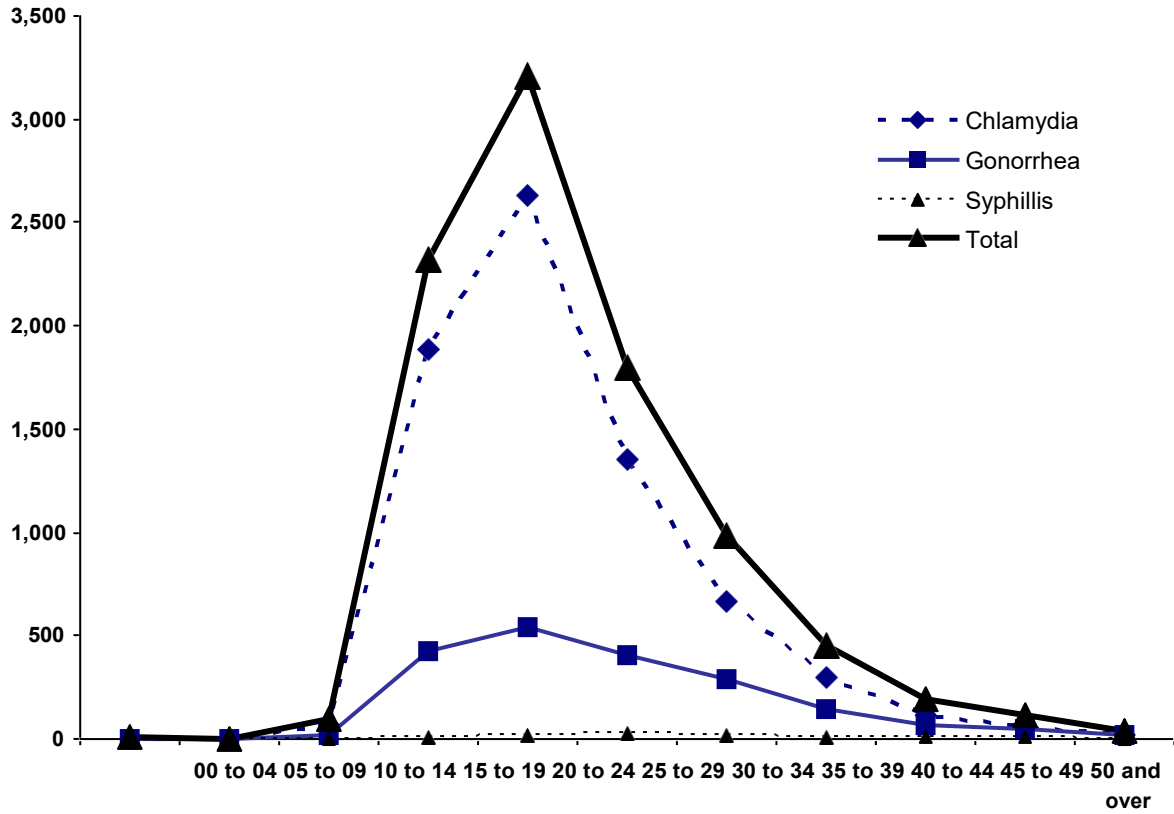
## Reported cases by region and county

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
<b>Northeastern</b>												
Brown	1,146	4.2%	468	181	2.3%	74	34	6.7%	14	1,361	3.8%	556
Calumet	119	0.4%	266	14	0.2%	31	2	0.4%	9	135	0.4%	306
Door	53	0.2%	191	6	0.1%	22	2	0.4%	7	61	0.2%	220
Fond du lac	323	1.2%	325	60	0.8%	60	10	2.0%	10	393	1.1%	395
Green Lake	43	0.2%	232	4	0.1%	22	0	0.0%	0	47	0.1%	253
Kewaunee	24	0.1%	118	1	0.0%	5	0	0.0%	0	25	0.1%	123
Manitowoc	227	0.8%	281	54	0.7%	67	3	0.6%	4	285	0.8%	353
Marinette	125	0.5%	296	14	0.2%	33	2	0.4%	5	141	0.4%	333
Marquette	30	0.1%	199	5	0.1%	33	0	0.0%	0	35	0.1%	232
Menominee	40	0.1%	875	1	0.0%	22	0	0.0%	0	41	0.1%	897
Oconto	85	0.3%	226	6	0.1%	16	0	0.0%	0	92	0.3%	246
Outagamie	605	2.2%	346	71	0.9%	41	16	3.1%	9	692	1.9%	394
Shawano	129	0.5%	315	9	0.1%	22	1	0.2%	2	139	0.4%	339
Sheboygan	403	1.5%	352	136	1.7%	119	3	0.6%	3	544	1.5%	475
Waupaca	105	0.4%	202	5	0.1%	10	2	0.4%	4	112	0.3%	216
Waushara	51	0.2%	206	3	0.0%	12	0	0.0%	0	54	0.1%	218
Winnebago	784	2.8%	484	126	1.6%	78	21	4.1%	12	932	2.6%	574
<b>Region total</b>	<b>4,292</b>	<b>15.6%</b>	<b>356</b>	<b>696</b>	<b>8.9%</b>	<b>58</b>	<b>96</b>	<b>18.8%</b>	<b>8</b>	<b>5,089</b>	<b>14.1%</b>	<b>422</b>
<b>Northern</b>												
Ashland	39	0.1%	239	1	0.0%	6	0	0.0%	0	40	0.1%	245
Bayfield	29	0.1%	194	3	0.0%	20	0	0.0%	0	32	0.1%	214
Florence	2	0.0%	43	0	0.0%	0	0	0.0%	0	2	0.0%	43
Forest	37	0.1%	376	4	0.1%	41	0	0.0%	0	41	0.1%	416
Iron	8	0.0%	129	2	0.0%	32	0	0.0%	0	10	0.0%	161
Langlade	52	0.2%	258	5	0.1%	25	0	0.0%	0	57	0.2%	283
Lincoln	58	0.2%	197	11	0.1%	37	1	0.2%	3	70	0.2%	237
Marathon	334	1.2%	255	52	0.7%	40	5	1.0%	4	391	1.1%	298
Oneida	69	0.3%	192	2	0.0%	6	0	0.0%	0	71	0.2%	197
Portage	239	0.9%	348	18	0.2%	26	3	0.6%	4	262	0.7%	381
Price	26	0.1%	182	2	0.0%	14	0	0.0%	0	28	0.1%	196
Sawyer	18	0.1%	105	2	0.0%	12	0	0.0%	0	20	0.1%	117
Taylor	38	0.1%	197	6	0.1%	31	0	0.0%	0	44	0.1%	228
Vilas	38	0.1%	173	5	0.1%	23	0	0.0%	0	43	0.1%	196
Wood	204	0.7%	277	33	0.4%	45	2	0.4%	3	241	0.7%	327
<b>Region total</b>	<b>1,191</b>	<b>4.3%</b>	<b>246</b>	<b>146</b>	<b>1.9%</b>	<b>30</b>	<b>11</b>	<b>2.2%</b>	<b>2</b>	<b>1,352</b>	<b>3.7%</b>	<b>280</b>
<b>Southeastern</b>												
Kenosha	855	3.1%	520	163	2.1%	99	14	2.7%	9	1,033	2.9%	628
Milwaukee	11,221	40.7%	1,177	4,552	58.2%	477	221	43.2%	23	16,139	44.8%	1,693
Ozaukee	115	0.4%	134	17	0.2%	20	4	0.8%	5	136	0.4%	158
Racine	890	3.2%	446	279	3.6%	140	13	2.5%	8	1,182	3.3%	593
Walworth	323	1.2%	321	43	0.5%	43	3	0.6%	3	372	1.0%	369
Washington	282	1.0%	218	29	0.4%	22	4	0.8%	3	316	0.9%	244
Waukesha	854	3.1%	224	155	2.0%	41	13	2.5%	4	1,029	2.9%	271
<b>Region total</b>	<b>14,540</b>	<b>52.7%</b>	<b>722</b>	<b>5,238</b>	<b>66.9%</b>	<b>260</b>	<b>272</b>	<b>55.6%</b>	<b>13</b>	<b>20,207</b>	<b>56.0%</b>	<b>1,003</b>

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
<b>Southern</b>												
Adams	48	0.2%	236	2	0.0%	10	0	0.0%	0	50	0.1%	246
Columbia	149	0.5%	270	21	0.3%	38	1	0.2%	2	172	0.5%	312
Crawford	46	0.2%	272	12	0.2%	71	1	0.2%	6	59	0.2%	349
Dane	2,717	9.9%	563	688	8.8%	143	86	16.8%	18	3,493	9.7%	723
Dodge	210	0.8%	239	21	0.3%	24	1	0.2%	1	232	0.6%	264
Grant	155	0.6%	315	11	0.1%	22	3	0.6%	6	169	0.5%	343
Green	91	0.3%	252	6	0.1%	17	0	0.0%	0	97	0.3%	269
Iowa	38	0.1%	161	8	0.1%	34	0	0.0%	0	46	0.1%	195
Jefferson	228	0.8%	282	21	0.3%	26	0	0.0%	0	249	0.7%	308
Juneau	50	0.2%	188	4	0.1%	15	1	0.2%	4	55	0.2%	207
Lafayette	40	0.1%	252	3	0.0%	19	0	0.0%	0	43	0.1%	271
Richland	54	0.2%	300	8	0.1%	44	0	0.0%	0	62	0.2%	345
Rock	875	3.2%	546	281	3.6%	175	7	1.4%	4	1,163	3.2%	726
Sauk	257	0.9%	435	24	0.3%	41	2	0.4%	3	284	0.8%	481
Vernon	40	0.1%	138	16	0.2%	55	0	0.0%	0	56	0.2%	193
<b>Region total</b>	<b>4,998</b>	<b>18.1%</b>	<b>430</b>	<b>1,126</b>	<b>14.4%</b>	<b>97</b>	<b>102</b>	<b>20.0%</b>	<b>9</b>	<b>6,230</b>	<b>17.3%</b>	<b>537</b>
<b>Western</b>												
Barron	126	0.5%	276	26	0.3%	57	3	0.6%	7	155	0.4%	340
Buffalo	30	0.1%	218	4	0.1%	29	0	0.0%	0	34	0.1%	247
Burnett	30	0.1%	185	4	0.1%	25	0	0.0%	0	34	0.1%	210
Chippewa	183	0.7%	303	79	1.0%	131	3	0.6%	5	265	0.7%	439
Clark	61	0.2%	182	8	0.1%	24	2	0.4%	6	71	0.2%	212
Douglas	150	0.5%	343	28	0.4%	64	2	0.4%	5	180	0.5%	411
Dunn	169	0.6%	396	34	0.4%	80	0	0.0%	0	203	0.6%	476
Eau Claire	506	1.8%	515	171	2.2%	174	9	1.8%	9	685	1.9%	698
Jackson	45	0.2%	226	17	0.2%	85	0	0.0%	0	62	0.2%	311
La Crosse	536	1.9%	476	141	1.8%	125	7	1.4%	6	685	1.9%	607
Monroe	146	0.5%	337	21	0.3%	48	1	0.2%	2	168	0.5%	388
Pepin	17	0.1%	231	2	0.0%	27	0	0.0%	0	19	0.1%	258
Pierce	128	0.5%	318	24	0.3%	60	1	0.2%	2	153	0.4%	380
Polk	99	0.4%	224	7	0.1%	16	1	0.2%	2	107	0.3%	241
Rusk	28	0.1%	195	8	0.1%	56	0	0.0%	0	36	0.1%	250
Saint Croix	173	0.6%	210	22	0.3%	27	1	0.2%	1	196	0.5%	238
Trempealeau	106	0.4%	381	19	0.2%	68	0	0.0%	0	126	0.3%	453
Washburn	26	0.1%	156	6	0.1%	36	0	0.0%	0	32	0.1%	191
<b>Region total</b>	<b>2,559</b>	<b>9.3%</b>	<b>335</b>	<b>621</b>	<b>7.9%</b>	<b>81</b>	<b>30</b>	<b>5.9%</b>	<b>4</b>	<b>3,211</b>	<b>8.9%</b>	<b>420</b>
<b>Unknown</b>												
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
<b>Region total</b>	<b>0</b>	<b>0.0%</b>		<b>0</b>	<b>0.0%</b>		<b>0</b>	<b>0.0%</b>		<b>0</b>	<b>0.0%</b>	
<b>Total</b>	<b>27,580</b>	<b>100.0%</b>	<b>490</b>	<b>7,827</b>	<b>100.0%</b>	<b>139</b>	<b>511</b>	<b>100.0%</b>	<b>9</b>	<b>36,089</b>	<b>100.0%</b>	<b>641</b>

\* Cases per 100,000 population.

## Wisconsin sexually transmitted disease surveillance report, 2018 Age-specific sexually transmitted disease rates\*



\* Cases per 100,000 population.

**Wisconsin sexually transmitted disease surveillance report, 2018**  
**Unadjusted\* and imputed\*\* cases per 100,000 population by race**

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	252	299	2,631	3,078	673	752	339	395
Gonorrhea	47	53	1,164	1,321	133	142	74	91
Other	2	2	20	21	3	3	1	1
Syphilis	5	5	57	57	0	0	15	15
<b>Total</b>	306	359	3,872	4,477	810	897	428	502

\* 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, 2018

## Syphilis cases by disease stage

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate
<b>Total</b>												
Total	71	100.0%	1.2	81	100.0%	1.5	164	100.0%	2.9	316	100.0%	5.6
<b>Sex</b>												
Male	63	88.7%	2.3	73	90.1%	2.6	136	82.9%	4.9	272	86.1%	9.7
Female	8	11.3%	0.3	8	9.9%	0.3	28	17.1%	1.0	44	13.9%	1.5
<b>Race</b>												
White	46	64.8%	0.9	49	60.5%	1.0	81	49.4%	1.4	176	55.7%	3.4
African American	22	31.0%	6.1	27	33.3%	7.5	79	48.2%	20.4	128	40.5%	35.3
Asian/Pacific Islander	2	2.8%	1.6	4	4.9%	3.2	2	1.2%	1.6	8	2.5%	6.5
Other	1	1.4%	-	1	1.2%	-	2	1.2%	-	4	1.3%	-
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
<b>Hispanic ethnicity</b>												
Hispanic	9	12.7%	3.2	8	9.9%	2.8	12	7.3%	4.2	29	9.2%	10.1
Non Hispanic	62	87.3%	-	73	90.1%	-	152	92.7%	-	287	90.8%	-
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
<b>Age</b>												
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	6	8.5%	1.5	3	3.7%	0.8	21	12.8%	5.3	30	9.5%	7.5
20-24	10	14.1%	2.5	23	28.4%	5.6	34	20.7%	8.7	67	21.2%	17.1
25-29	14	21.1%	4.0	18	22.2%	4.7	31	18.9%	8.1	64	21.8%	18.2
30-34	9	12.7%	2.7	11	13.6%	3.2	27	16.5%	7.9	47	14.9%	13.8
35-39	8	11.3%	2.1	5	6.2%	1.4	16	9.8%	4.3	29	9.2%	8.0
40-44	11	15.5%	2.8	2	2.5%	0.5	16	9.8%	3.9	29	9.2%	7.3
45-49	3	4.2%	0.6	11	13.6%	2.4	5	3.0%	1.1	19	6.0%	4.2
50+	9	12.7%	0.5	8	9.9%	0.5	14	8.5%	0.8	31	9.8%	1.7
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, 2018

## Syphilis cases by disease stage

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
<b>Total</b>												
Total	194	100.0%	3.4	0	-	0.0	1	0.0%	0.0	511	100.0%	9.1
<b>Sex</b>												
Male	148	76.3%	5.3	0	-	0.0	0	0.0%	0.0	420	82.4%	15.0
Female	46	23.7%	1.6	0	-	0.0	0	0.0%	0.0	90	17.6%	3.1
<b>Race</b>												
White	96	49.5%	1.9	0	-	0.0	0	0.0%	0.0	272	53.3%	5.4
African American	77	39.7%	21.2	0	-	0.0	0	0.0%	0.0	205	40.2%	56.4
Asian/Pacific Islander	10	5.2%	8.1	0	-	0.0	0	0.0%	0.0	18	3.5%	14.6
Other	11	5.7%	-	0	-	-	0	0.0%	-	15	2.9%	-
Unknown	0	0.0%	-	0	-	-	0	0.0%	-	0	0.0%	-
<b>Hispanic ethnicity</b>												
Hispanic	44	22.7%	15.3	0	-	0.0	0	0.0%	0.0	73	14.3%	25.6
Non Hispanic	150	77.3%	-	0	-	-	0	0.0%	-	437	85.7%	-
Unknown	0	0.0%	-	0	-	-	0	0.0%	-	0	0.0%	-
<b>Age</b>												
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	8	4.1%	2.1	0	0.0%	0.0	0	0.0%	0.0	38	7.5%	9.5
20-24	29	14.9%	7.4	0	0.0%	0.0	0	0.0%	0.0	96	18.8%	24.5
25-29	38	19.6%	9.9	0	0.0%	0.0	0	0.0%	0.0	102	20.0%	26.8
30-34	36	18.6%	10.6	0	0.0%	0.0	0	0.0%	0.0	83	16.3%	24.5
35-39	23	11.9%	6.3	0	0.0%	0.0	0	0.0%	0.0	52	10.2%	14.2
40-44	15	7.7%	3.7	0	0.0%	0.0	0	0.0%	0.0	44	8.6%	10.9
45-49	24	12.4%	5.3	0	0.0%	0.0	0	0.0%	0.0	43	8.4%	9.5
50+	21	10.8%	1.2	0	0.0%	0.0	0	0.0%	0.0	52	10.2%	2.8
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 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 it 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.
7. These reports include cases where sex of the individual is considered the gender of the person at the time of diagnosis. This may or may not be similar to the sex of the individual at the time of birth.

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