

STD SURVEILLANCE REPORT DATA TABLES, MINNESOTA 2017



## STD Surveillance Report Data Tables, Minnesota 2017

**Table 1. Number of Cases and Rates (per 100,000 persons) of Chlamydia, Gonorrhea, Syphilis, and Chancroid -- Minnesota, 2013 – 2017**

Disease	2013		2014		2015		2016		2017	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
Chlamydia	18,724	353	19,897	375	21,238	400	22,675	428	23,528	444
Gonorrhea	3,872	73	4,073	77	4,097	77	5,104	96	6,519	123
All Stages of Syphilis	537	10.1	629	11.9	654	12.3	852	16.1	934	17.6
Primary/Secondary Syphilis	193	3.6	257	4.8	246	4.6	306	5.8	292	5.5
Early Latent Syphilis	139	2.6	159	3.0	185	3.5	251	4.7	313	5.9
Late Latent Syphilis	205	3.9	213	4.0	220	4.1	288	5.4	327	6.2
Congenital Syphilis <sup>II</sup>	0	0.0	0	0.0	2	2.9	7	10.2	2	3.0
Chancroid	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

Note: Data exclude cases diagnosed in federal or private correctional facilities.

U.S. Census Intercensal and U.S. 2010 data is used to calculate rates.

<sup>I</sup>Includes unstaged neurosyphilis, latent syphilis of unknown duration, and late syphilis with clinical manifestations.

<sup>II</sup> Congenital syphilis rate per 100,000 live births

**Table 2a. Number of Cases and Rates (per 100,000 persons) of Chlamydia by Residence, Age, and Gender<sup>I</sup>--Minnesota, 2017**

Group	Males		Females		Total <sup>VI</sup>		
	Cases	%	Cases	%	Cases	%	Rate
<b>Residence<sup>I</sup></b>							
Minneapolis	2,198	27%	2,748	18%	4,946	21%	1293
St. Paul	930	11%	1,851	12%	2,781	12%	976
Suburban <sup>II</sup>	2,649	32%	5,257	34%	7,906	34%	362
Greater Minnesota	2,207	27%	5,190	34%	7,397	31%	301
Unknown <sup>IV</sup>	196	2%	284	2%	480	2%	x
<b>Age</b>							
< 15 yrs	14	0%	134	1%	148	1%	14
15-19 yrs	1,234	15%	4,675	30%	5,909	25%	1,606
20-24 yrs	2,752	34%	5,865	38%	8,617	37%	2,423
25-29 yrs	1,826	22%	2,570	17%	4,396	19%	1,180
30-34 yrs	997	12%	1,101	7%	2,098	9%	612
35-39 yrs	556	7%	560	4%	1,116	5%	340
40-44 yrs	296	4%	218	1%	514	2%	146
45-49 yrs	216	3%	114	1%	330	1%	81
50-54 yrs	151	2%	58	0%	209	1%	52
55+ yrs	138	2%	35	0%	173	1%	13
<b>Race/Ethnicity</b>							
White	3,223	39%	6,420	42%	9,643	41%	209
Black	2,326	28%	3,347	22%	5,673	24%	2,019
American Indian	144	2%	585	4%	729	3%	1,083
Asian/PI	243	3%	620	4%	863	4%	391
Other <sup>III, IV</sup>	109	1%	245	2%	354	2%	x
Unknown <sup>IV</sup>	351	4%	728	5%	1,079	5%	x
Hispanic <sup>V</sup>	541	7%	1,082	7%	1,623	7%	649
<b>Total</b>	<b>8,180</b>		<b>15,330</b>		<b>23,528</b>		<b>444</b>

Data exclude cases diagnosed in federal or private correctional facilities.

U.S. Census 2010 data is used to calculate rates.

<sup>I</sup> Residence missing for 480 cases of chlamydia.

<sup>II</sup> Suburban is defined as the seven-county metropolitan area (Anoka, Carver, Dakota, Hennepin, Ramsey, Scott and Washington Counties, excluding the cities of Minneapolis and St. Paul).

<sup>III</sup> Includes persons reported with more than one race.

<sup>IV</sup> No comparable population data available to calculate rates.

<sup>V</sup> Persons of Hispanic origin may be of any race.

<sup>VI</sup> Total includes 18 cases of chlamydia diagnosed in transgender persons 9 (F-M), 8 (M-F) and 1 unknown.

**Table 2b. Number of Cases and Rates (per 100,000 persons) of Gonorrhea by Residence, Age, and Gender<sup>I</sup>--Minnesota, 2017**

Group	Males		Females		Total <sup>I, VII</sup>		
	Cases	%	Cases	%	Cases	%	Rate
<b>Residence<sup>II</sup></b>							
Minneapolis	1,404	39%	751	26%	2,155	33%	563
St. Paul	526	15%	510	17%	1,036	16%	363
Suburban <sup>III</sup>	989	28%	911	31%	1,900	29%	87
Greater Minnesota	607	17%	727	25%	1,334	20%	54
Unknown <sup>V</sup>	42	1%	40	1%	82	1%	x
<b>Age</b>							
< 15 yrs	4	0%	28	1%	32	0%	3
15-19 yrs	342	10%	822	28%	1,164	18%	316
20-24 yrs	903	25%	837	28%	1,740	27%	489
25-29 yrs	768	22%	581	20%	1,349	21%	362
30-34 yrs	568	16%	333	11%	901	14%	263
35-39 yrs	373	10%	179	6%	552	8%	168
40-44 yrs	186	5%	85	3%	271	4%	77
45-49 yrs	164	5%	35	1%	199	3%	49
50-54 yrs	140	4%	21	1%	161	2%	40
55+ yrs	120	3%	18	1%	138	2%	11
<b>Race/Ethnicity</b>							
White	1,217	34%	835	28%	2,052	31%	44
Black	1,375	39%	1,082	37%	2,457	38%	875
American Indian	105	3%	273	9%	378	6%	561
Asian/PI	112	3%	86	3%	198	3%	90
Other <sup>IV, V</sup>	31	1%	49	2%	80	1%	x
Unknown <sup>V</sup>	129	4%	118	4%	247	4%	x
Hispanic <sup>VI</sup>	206	6%	130	4%	336	5%	134
<b>Total</b>	<b>3,568</b>		<b>2,939</b>		<b>6,519</b>		<b>123</b>

Data exclude cases diagnosed in federal or private correctional facilities.

U.S. Census 2010 data is used to calculate rates.

<sup>I</sup> Total includes 6 cases of gonorrhea diagnosed in transgendered persons, (M- F) and 2 cases of gonorrhea diagnosed in transgender persons, (F-M).

<sup>II</sup> Residence missing for 82 cases of gonorrhea.

<sup>III</sup> Suburban is defined as the seven-county metropolitan area (Anoka, Carver, Dakota, Hennepin, Ramsey, Scott and Washington Counties, excluding the cities of Minneapolis and St. Paul).

<sup>IV</sup> Includes persons reported with more than one race.

<sup>V</sup> No comparable population data available to calculate rates.

<sup>VI</sup> Persons of Hispanic origin may be of any race.

<sup>VII</sup> Gender is missing for 4 cases of gonorrhea.

**Table 2c. Number of Cases and Rates (per 100,000 persons) of Primary/Secondary Syphilis by Residence, Age, and Gender<sup>I</sup>--Minnesota, 2017**

Group	Males		Females		Total <sup>V</sup>		
	Cases	%	Cases	%	Cases	%	Rate
Residence							
Minneapolis	103	41%	5	13%	110	38%	28.8
St. Paul	22	9%	4	11%	26	9%	9.1
Suburban <sup>I</sup>	81	32%	9	24%	90	31%	4.1
Greater Minnesota	46	18%	20	53%	66	23%	2.7
Age							
< 15 yrs	0	0%	0	0%	0	0%	0.0
15-19 yrs	7	3%	2	5%	9	3%	2.4
20-24 yrs	50	20%	10	26%	60	21%	16.9
25-29 yrs	59	23%	9	24%	69	24%	18.5
30-34 yrs	44	17%	6	16%	51	17%	14.9
35-39 yrs	21	8%	4	11%	25	9%	7.6
40-44 yrs	25	10%	1	3%	26	9%	7.4
45-49 yrs	16	6%	2	5%	18	6%	4.4
50-54 yrs	17	7%	2	0%	19	7%	4.7
55+ yrs	13	5%	2	5%	15	5%	1.1
Race/Ethnicity							
White, Non-Hispanic	144	57%	8	21%	154	53%	3.3
Black, Non-Hispanic	45	18%	10	26%	55	19%	19.6
American Indian	18	7%	14	37%	32	11%	47.5
Asian/PI	13	5%	2	5%	15	5%	6.8
Other <sup>II, III</sup>	0	0%	0	0%	0	0%	x
Unknown <sup>III</sup>	3	1%	2	5%	5	2%	x
Hispanic <sup>IV</sup>	29	12%	2	5%	31	11%	12.4
<b>Total</b>	252		38		292		5.5

Data exclude cases diagnosed in federal or private correctional facilities.

U.S. Census 2010 data is used to calculate rates.

<sup>I</sup> Suburban is defined as the seven-county metropolitan area (Anoka, Carver, Dakota, Hennepin, Ramsey, Scott and Washington Counties, excluding the cities of Minneapolis and St. Paul).

<sup>II</sup> Includes persons reported with more than one race.

<sup>III</sup> No comparable population data available to calculate rates.

<sup>IV</sup> Persons of Hispanic origin may be of any race.

<sup>V</sup> Total includes 2 cases of primary/secondary syphilis diagnosed in transgendered persons(M-F).

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**Table 3. Number of Cases and Rates<sup>1</sup> (per 100,000 persons) of Chlamydia and Gonorrhea by County of Residence-- Minnesota, 2017**

County	Chlamydia		Gonorrhea		County	Chlamydia		Gonorrhea	
	Cases	Rate	Cases	Rate		Cases	Rate	Cases	Rate
Aitkin	23	142	3	-	Marshall	7	74	2	-
Anoka	1,238	374	311	94	Martin	40	192	5	24
Becker	89	274	17	52	Meeker	36	155	4	-
Beltrami	200	450	70	158	Mille Lacs	58	222	10	38
Benton	152	395	32	83	Morrison	49	148	5	15
Big Stone	7	133	1	-	Mower	144	368	25	64
Blue Earth	406	634	33	52	Murray	8	92	1	-
Brown	54	209	4	-	Nicollet	85	260	17	52
Carlton	108	305	25	71	Nobles	88	412	15	70
Carver	204	224	26	29	Norman	12	175	0	-
Cass	105	368	49	172	Olmsted	635	440	185	128
Chippewa	24	193	8	64	Otter Tail	105	183	24	42
Chisago	128	238	18	33	Pennington	24	172	8	57
Clay	232	393	50	85	Pine	61	205	15	50
Clearwater	14	161	6	69	Pipestone	10	104	3	-
Cook	7	135	3	-	Polk	60	190	4	-
Cottonwood	29	248	2	-	Pope	16	146	5	45
Crow Wing	173	277	24	38	Ramsey	3,356	660	1184	233
Dakota	1,506	378	334	84	Red Lake	2	-	1	-
Dodge	72	358	6	30	Redwood	33	205	2	-
Douglas	106	294	12	33	Renville	35	223	1	-
Faribault	26	179	5	34	Rice	170	265	24	37
Fillmore	22	105	5	24	Rock	11	114	1	-
Freeborn	103	330	28	90	Roseau	15	96	3	-

County	Chlamydia		Gonorrhea		County	Chlamydia		Gonorrhea	
	Cases	Rate	Cases	Rate		Cases	Rate	Cases	Rate
Goodhue	133	288	27	58	St. Louis	888	443	174	87
Grant	10	166	2	-	Scott	440	339	73	56
Hennepin	8,156	708	3028	263	Sherburne	256	289	43	49
Houston	42	221	4	-	Sibley	28	184	2	-
Hubbard	24	117	7	34	Stearns	590	392	73	48
Isanti	89	235	9	24	Steele	102	279	20	55
Itasca	132	293	27	60	Stevens	17	175	4	-
Jackson	20	195	1	-	Swift	26	266	8	82
Kanabec	46	283	4	-	Todd	59	237	4	-
Kandiyohi	136	322	26	62	Traverse	11	309	1	-
Kittson	7	154	0	-	Wabasha	56	258	6	28
Koochiching	5	38	0	-	Wadena	21	152	3	-
Lac qui Parle	8	110	2	-	Waseca	37	193	11	57
Lake	16	147	3	-	Washington	747	314	146	61
Lake of the Woods	4	-	2	-	Watonwan	43	384	1	-
Le Sueur	62	224	7	25	Wilkin	23	350	10	152
Lincoln	9	153	1	-	Winona	216	420	20	39
Lyon	87	336	11	43	Wright	289	232	32	26
McLeod	70	191	8	22	Yellow Medicine	17	163	1	-
Mahnomen	38	702	20	369					

Data exclude cases diagnosed in federal or private correctional facilities.

County data missing for 480 chlamydia cases and 82 gonorrhea cases.

<sup>1</sup> Rates not calculated for counties with fewer than 5 cases.

U.S. Census 2010 data is used to calculate rates.

Minnesota Department of Health  
651-201-5414 | [www.health.state.mn.us/std](http://www.health.state.mn.us/std)  
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