

## Illinois Reported STD Cases and Rates per 100,000 Population by Sex 2014-2018

Chlamydia	Cases					Rates				
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018
Female	46,564	47,268	48,128	49,336	49,746	712.2	722.9	736.1	754.6	760.8
Male	19,917	21,966	24,008	26,089	27,555	316.5	349.1	381.5	414.6	437.9
Unknown	112	376	65	93	24					
<b>Total</b>	<b>66,593</b>	<b>69,610</b>	<b>72,201</b>	<b>75,518</b>	<b>77,325</b>	<b>519.0</b>	<b>542.5</b>	<b>562.7</b>	<b>588.6</b>	<b>602.7</b>

Gonorrhea	Cases					Rates				
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018
Female	7,559	7,698	8,920	9,750	10,064	115.6	117.7	136.4	149.1	153.9
Male	8,387	9,335	12,255	14,057	15,351	133.3	148.4	194.8	223.4	244.0
Unknown	25	97	24	52	7					
<b>Total</b>	<b>15,971</b>	<b>17,130</b>	<b>21,199</b>	<b>23,859</b>	<b>25,422</b>	<b>124.5</b>	<b>133.5</b>	<b>165.2</b>	<b>186.0</b>	<b>198.1</b>

P&S Syphilis	Cases					Rates				
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018
Female	81	84	95	85	120	1.2	1.3	1.5	1.3	1.8
Male	782	1,001	1,165	1,140	1,287	12.4	15.9	18.5	18.1	20.5
Unknown	0	0	0	0	1					
<b>Total</b>	<b>863</b>	<b>1,085</b>	<b>1,260</b>	<b>1,225</b>	<b>1,408</b>	<b>6.7</b>	<b>8.5</b>	<b>9.8</b>	<b>9.5</b>	<b>11.0</b>

Early Syphilis	Cases					Rates				
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018
Female	223	213	213	218	255	3.4	3.3	3.3	3.3	3.9
Male	1,459	1,761	2,185	2,198	2,615	23.2	28.0	34.7	34.9	41.6
Unknown	0	0	0	1	2					
<b>Total</b>	<b>1,682</b>	<b>1,974</b>	<b>2,398</b>	<b>2,417</b>	<b>2,872</b>	<b>13.1</b>	<b>15.4</b>	<b>18.7</b>	<b>18.8</b>	<b>22.4</b>

P&S Syphilis is defined as Primary and Secondary stages.

Early Syphilis is defined as Primary, Secondary, and Early non-primary non-secondary stages.

Rates for data are calculated based on 2010 U.S. Census population.

Source: Illinois Department of Public Health STD Section

June 2019

### Illinois Reported STD Cases and Rates per 100,000 Population by Age 2014-2018

Chlamydia	Cases					Rates				
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018
0-4	22	16	17	39	14	2.6	1.9	2.0	4.7	1.7
5-9	13	4	10	9	7	1.5	0.5	1.2	1.0	0.8
10-14	643	537	558	536	591	73.1	61.1	63.4	60.9	67.2
15-19	19,550	19,260	19,513	19,917	20,523	2,120.2	2,088.7	2,116.2	2,160.0	2,225.7
20-24	26,257	27,210	27,406	28,461	28,233	2,987.3	3,095.7	3,118.0	3,238.0	3,212.1
25-29	10,923	12,358	13,223	13,988	14,622	1,200.0	1,357.6	1,452.6	1,536.7	1,606.3
30-34	4,689	5,159	5,579	6,069	6,485	541.7	595.9	644.5	701.1	749.1
35-39	2,136	2,449	2,799	3,050	3,224	249.6	286.2	327.1	356.4	376.7
40-44	1,144	1,220	1,401	1,525	1,632	131.5	140.2	161.0	175.3	187.6
45-49	544	682	783	878	888	57.9	72.5	83.3	93.4	94.5
50+	670	714	912	1,045	1,106	16.7	17.8	22.7	26.0	27.6
Unknown	2	1	0	1	0					
<b>Total</b>	<b>66,593</b>	<b>69,610</b>	<b>72,201</b>	<b>75,518</b>	<b>77,325</b>	<b>519.0</b>	<b>542.5</b>	<b>562.7</b>	<b>588.6</b>	<b>602.7</b>

Gonorrhea	Cases					Rates				
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018
0-4	5	4	14	12	8	0.6	0.5	1.7	1.4	1.0
5-9	6	1	3	5	5	0.7	0.1	0.3	0.6	0.6
10-14	154	150	156	164	186	17.5	17.1	17.7	18.6	21.1
15-19	4,069	4,013	4,505	4,867	4,857	441.3	435.2	488.6	527.8	526.7
20-24	5,692	5,897	6,847	7,347	7,549	647.6	670.9	779.0	835.9	858.9
25-29	2,806	3,380	4,436	5,047	5,750	308.3	371.3	487.3	554.4	631.7
30-34	1,418	1,666	2,174	2,627	3,008	163.8	192.4	251.1	303.5	347.5
35-39	719	830	1,242	1,513	1,681	84.0	97.0	145.1	176.8	196.4
40-44	459	487	672	844	898	52.8	56.0	77.2	97.0	103.2
45-49	278	304	500	556	605	29.6	32.3	53.2	59.1	64.4
50+	364	398	650	877	875	9.1	9.9	16.2	21.9	21.8
Unknown	1	0	0	0	0					
<b>Total</b>	<b>15,971</b>	<b>17,130</b>	<b>21,199</b>	<b>23,859</b>	<b>25,422</b>	<b>124.5</b>	<b>133.5</b>	<b>165.2</b>	<b>186.0</b>	<b>198.1</b>

Rates for data are calculated based on 2010 U.S. Census population.

Source: Illinois Department of Public Health STD Section

June 2019

### Illinois Reported STD Cases and Rates per 100,000 Population by Age 2014-2018

P&S Syphilis	Cases					Rates				
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018
0-4	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
10-14	0	0	0	0	2	0.0	0.0	0.0	0.0	0.2
15-19	31	48	50	43	62	3.4	5.2	5.4	4.7	6.7
20-24	169	216	207	213	242	19.2	24.6	23.6	24.2	27.5
25-29	192	232	301	276	320	21.1	25.5	33.1	30.3	35.2
30-34	131	152	208	197	229	15.1	17.6	24.0	22.8	26.5
35-39	82	115	144	149	164	9.6	13.4	16.8	17.4	19.2
40-44	74	93	108	100	118	8.5	10.7	12.4	11.5	13.6
45-49	81	93	102	96	98	8.6	9.9	10.8	10.2	10.4
50+	103	136	140	151	173	2.6	3.4	3.5	3.8	4.3
Unknown	0	0	0	0	0					
<b>Total</b>	<b>863</b>	<b>1,085</b>	<b>1,260</b>	<b>1,225</b>	<b>1,408</b>	<b>6.7</b>	<b>8.5</b>	<b>9.8</b>	<b>9.5</b>	<b>11.0</b>

Early Syphilis	Cases					Rates				
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018
0-4	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
10-14	0	0	0	1	3	0.0	0.0	0.0	0.1	0.3
15-19	64	85	81	83	100	6.9	9.2	8.8	9.0	10.8
20-24	327	374	354	390	425	37.2	42.6	40.3	44.4	48.4
25-29	348	426	555	524	631	38.2	46.8	61.0	57.6	69.3
30-34	257	292	389	391	514	29.7	33.7	44.9	45.2	59.4
35-39	180	227	291	311	362	21.0	26.5	34.0	36.3	42.3
40-44	163	163	212	199	254	18.7	18.7	24.4	22.9	29.2
45-49	152	167	220	192	208	16.2	17.8	23.4	20.4	22.1
50+	191	240	295	325	375	4.8	6.0	7.4	8.1	9.3
Unknown	0	0	1	1	0					
<b>Total</b>	<b>1,682</b>	<b>1,974</b>	<b>2,398</b>	<b>2,417</b>	<b>2,872</b>	<b>13.1</b>	<b>15.4</b>	<b>18.7</b>	<b>18.8</b>	<b>22.4</b>

P&S Syphilis is defined as Primary and Secondary stages.

Early Syphilis is defined as Primary, Secondary, and Early non-primary non-secondary stages.

Rates for data are calculated based on 2010 U.S. Census population.

Source: Illinois Department of Public Health STD Section

June 2019

**Illinois Reported STD Cases and Rates per 100,000 Population by Race/Hispanic Ethnicity 2014-2018**

Chlamydia	Cases					Rates				
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018
White - NH	14,741	15,899	16,808	18,100	18,064	180.5	194.7	205.8	221.6	221.2
Black - NH	27,885	29,550	28,873	30,662	32,023	1,521.3	1,612.2	1,575.2	1,672.8	1,747.1
Hispanic	7,965	8,733	9,629	10,622	11,608	392.8	430.7	474.9	523.9	572.5
Asian - NH	541	662	740	888	965	93.2	114.0	127.5	152.9	166.2
NH/PI - NH	38	55	0	2	74	1,276.5	1,847.5	0.0	67.2	2,485.7
AI/AN - NH	60	73	80	86	101	318.3	387.3	424.4	456.3	535.8
Other - NH	935	952	1,050	1,267	1,372	5,840.8	5,947.0	6,559.2	7,914.8	8,570.7
Multi - NH	166	176	295	375	402	90.2	95.7	160.4	203.9	218.5
Unknown	14,262	13,510	14,726	13,516	12,716					
<b>Total</b>	<b>66,593</b>	<b>69,610</b>	<b>72,201</b>	<b>75,518</b>	<b>77,325</b>	<b>519.0</b>	<b>542.5</b>	<b>562.7</b>	<b>588.6</b>	<b>602.7</b>

Gonorrhea	Cases					Rates				
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018
White - NH	2,396	2,875	3,972	4,586	5,270	29.3	35.2	48.6	56.1	64.5
Black - NH	9,100	10,134	11,065	13,268	13,773	496.5	552.9	603.7	723.9	751.4
Hispanic	929	1,170	1,678	2,025	2,558	45.8	57.7	82.8	99.9	126.2
Asian - NH	66	115	160	189	239	11.4	19.8	27.6	32.6	41.2
NH/PI - NH	6	12	0	0	20	201.5	403.1	0.0	0.0	671.8
AI/AN - NH	7	18	23	50	40	37.1	95.5	122.0	265.3	212.2
Other - NH	152	184	215	278	265	949.5	1,149.4	1,343.1	1,736.6	1,655.4
Multi - NH	51	65	94	126	156	27.7	35.3	51.1	68.5	84.8
Unknown	3,264	2,557	3,992	3,337	3,101					
<b>Total</b>	<b>15,971</b>	<b>17,130</b>	<b>21,199</b>	<b>23,859</b>	<b>25,422</b>	<b>124.5</b>	<b>133.5</b>	<b>165.2</b>	<b>186.0</b>	<b>198.1</b>

NH: non-Hispanic

NH/PI: Native Hawaiian/Pacific Islander, AI/AN: American Indian/Alaskan Native, Multi: multiple races

Rates for data are calculated based on 2010 U.S. Census population.

Source: Illinois Department of Public Health STD Section

June 2019

## Illinois Reported STD Cases and Rates per 100,000 Population by Race/Hispanic Ethnicity 2014-2018

P&S Syphilis	Cases					Rates				
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018
White - NH	287	363	425	408	435	3.5	4.4	5.2	5.0	5.3
Black - NH	400	481	482	422	544	21.8	26.2	26.3	23.0	29.7
Hispanic	128	203	259	227	315	6.3	10.0	12.8	11.2	15.5
Asian - NH	15	18	40	27	34	2.6	3.1	6.9	4.7	5.9
NH/PI - NH	1	1	2	1	1	33.6	33.6	67.2	33.6	33.6
AI/AN - NH	4	0	3	1	4	21.2	0.0	15.9	5.3	21.2
Other - NH	7	8	25	16	11	43.7	50.0	156.2	100.0	68.7
Multi - NH	0	0	1	61	16	0.0	0.0	0.5	33.2	8.7
Unknown	21	11	23	62	48					
<b>Total</b>	<b>863</b>	<b>1,085</b>	<b>1,260</b>	<b>1,225</b>	<b>1,408</b>	<b>6.7</b>	<b>8.5</b>	<b>9.8</b>	<b>9.5</b>	<b>11.0</b>

Early Syphilis	Cases					Rates				
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018
White - NH	503	625	770	723	868	6.2	7.7	9.4	8.9	10.6
Black - NH	831	900	979	908	1,122	45.3	49.1	53.4	49.5	61.2
Hispanic	272	375	506	479	639	13.4	18.5	25.0	23.6	31.5
Asian - NH	27	34	54	49	60	4.7	5.9	9.3	8.4	10.3
NH/PI - NH	2	1	4	1	1	67.2	33.6	134.4	33.6	33.6
AI/AN - NH	5	0	5	2	7	26.5	0.0	26.5	10.6	37.1
Other - NH	13	16	40	31	17	81.2	100.0	249.9	193.7	106.2
Multi - NH	0	0	1	100	58	0.0	0.0	0.5	54.4	31.5
Unknown	29	23	39	124	100					
<b>Total</b>	<b>1,682</b>	<b>1,974</b>	<b>2,398</b>	<b>2,417</b>	<b>2,872</b>	<b>13.1</b>	<b>15.4</b>	<b>18.7</b>	<b>18.8</b>	<b>22.4</b>

NH: non-Hispanic

NH/PI: Native Hawaiian/Pacific Islander, AI/AN: American Indian/Alaskan Native, Multi: multiple races

P&S Syphilis is defined as Primary and Secondary stages.

Early Syphilis is defined as Primary, Secondary, and Early non-primary non-secondary stages.

Rates for data are calculated based on 2010 U.S. Census population.

Source: Illinois Department of Public Health STD Section

June 2019

## Illinois Reported STD Rate Ratios by Race/Hispanic Ethnicity 2014-2018

<b>Chlamydia</b>					
	2014	2015	2016	2017	2018
Black:White	8.4	8.3	7.7	7.5	7.9
Hispanic:White	2.2	2.2	2.3	2.4	2.6
Asian:White	0.5	0.6	0.6	0.7	0.8
NH/PI:White	7.1	9.5	0.0	0.3	11.2
AI/AN:White	1.8	2.0	2.1	2.1	2.4
Other:White	3.1	2.9	3.3	3.7	38.8
Multi:White	0.5	0.5	0.8	0.9	1.0

<b>P&amp;S Syphilis</b>					
	2014	2015	2016	2017	2018
Black:White	6.2	5.9	5.1	4.8	5.6
Hispanic:White	1.8	2.3	2.5	2.2	2.9
Asian:White	0.7	0.7	1.3	0.9	1.1
NH/PI:White	9.6	7.6	12.9	6.5	6.3
AI/AN:White	6.0	0.0	3.1	5.1	4.0
Other:White	1.0	0.9	2.5	1.4	12.9
Multi:White	0.0	0.0	0.1	6.4	1.6

<b>Gonorrhea</b>					
	2014	2015	2016	2017	2018
Black:White	16.9	15.7	12.4	12.9	11.6
Hispanic:White	1.6	1.6	1.7	1.8	2.0
Asian:White	0.4	0.6	0.6	0.6	0.6
NH/PI:White	6.9	11.5	0.0	0.0	10.4
AI/AN:White	1.3	2.7	2.5	4.7	3.3
Other:White	3.5	3.5	3.2	3.6	25.7
Multi:White	0.9	1.0	1.1	1.2	1.3

<b>Early Syphilis</b>					
	2014	2015	2016	2017	2018
Black:White	7.4	6.4	5.7	5.7	5.8
Hispanic:White	2.2	2.4	2.6	2.6	3.0
Asian:White	0.8	0.8	1.0	0.9	1.0
NH/PI:White	10.9	4.4	14.3	3.7	3.2
AI/AN:White	4.3	0.0	2.8	3.5	3.5
Other:White	1.1	1.0	2.2	1.5	10.0
Multi:White	0.0	0.0	0.1	5.9	3.0

Rate Ratio is calculated by dividing the rate of population 1 by the rate of population2 ( $r1/r2$ ). The interpretation of the value of a rate ratio is that a rate ratio of 1.0 indicates equal rates in the two groups, a rate ratio greater than 1.0 indicates an increased risk for the group in the numerator, and a rate ratio less than 1.0 indicates a decreased risk for the group in the numerator.

P&S Syphilis is defined as Primary and Secondary stages.

Early Syphilis is defined as Primary, Secondary, and Early non-primary non-secondary stages.

NH/PI: Native Hawaiian/Pacific Islander, AI/AN: American Indian/Alaskan Native, Multi: multiple races

Races of Black, White, Asian, NH/PI, AI/AN, Other, and Multi are non-Hispanic ethnicity