

Illinois Reported STD Cases and Rates per 100,000 Population by Sex 2015-2019

Chlamydia	Cases					Rates				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
Female	47,268	48,128	49,336	49,746	51,168	722.9	736.1	754.6	760.8	782.6
Male	21,966	24,008	26,089	27,555	29,561	349.1	381.5	414.6	437.9	469.8
Unknown	376	65	93	24	283					
Total	69,610	72,201	75,518	77,325	81,012	542.5	562.7	588.6	602.7	631.4

Gonorrhea	Cases					Rates				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
Female	7,698	8,920	9,750	10,064	11,825	117.7	136.4	149.1	153.9	180.9
Male	9,335	12,255	14,057	15,351	17,351	148.4	194.8	223.4	244.0	275.8
Unknown	97	24	52	7	96					
Total	17,130	21,199	23,859	25,422	29,272	133.5	165.2	186.0	198.1	228.1

P&S Syphilis	Cases					Rates				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
Female	84	95	85	120	161	1.3	1.5	1.3	1.8	2.5
Male	1,001	1,165	1,140	1,287	1,213	15.9	18.5	18.1	20.5	19.3
Unknown	0	0	0	1	0					
Total	1,085	1,260	1,225	1,408	1,374	8.5	9.8	9.5	11.0	10.7

Early Syphilis	Cases					Rates				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
Female	213	213	218	255	321	3.3	3.3	3.3	3.9	4.9
Male	1,761	2,185	2,198	2,615	2,397	28.0	34.7	34.9	41.6	38.1
Unknown	0	0	1	2	1					
Total	1,974	2,398	2,417	2,872	2,719	15.4	18.7	18.8	22.4	21.2

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

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Illinois Reported STD Cases and Rates per 100,000 Population by Age 2015-2019

Chlamydia	Cases					Rates				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
0-4	16	17	39	14	14	1.9	2.0	4.7	1.7	1.7
5-9	4	10	9	7	5	0.5	1.2	1.0	0.8	0.6
10-14	537	558	536	591	539	61.1	63.4	60.9	67.2	61.3
15-19	19,260	19,513	19,917	20,523	20,780	2,088.7	2,116.2	2,160.0	2,225.7	2,253.6
20-24	27,210	27,406	28,461	28,233	29,324	3,095.7	3,118.0	3,238.0	3,212.1	3,336.2
25-29	12,358	13,223	13,988	14,622	15,676	1,357.6	1,452.6	1,536.7	1,606.3	1,722.1
30-34	5,159	5,579	6,069	6,485	6,947	595.9	644.5	701.1	749.1	802.5
35-39	2,449	2,799	3,050	3,224	3,650	286.2	327.1	356.4	376.7	426.5
40-44	1,220	1,401	1,525	1,632	1,823	140.2	161.0	175.3	187.6	209.5
45-49	682	783	878	888	1,000	72.5	83.3	93.4	94.5	106.4
50+	714	912	1,045	1,106	1,254	17.8	22.7	26.0	27.6	31.2
Unknown	1	0	1	0	0					
Total	69,610	72,201	75,518	77,325	81,012	542.5	562.7	588.6	602.7	631.4

Gonorrhea	Cases					Rates				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
0-4	4	14	12	8	12	0.5	1.7	1.4	1.0	1.4
5-9	1	3	5	5	3	0.1	0.3	0.6	0.6	0.3
10-14	150	156	164	186	172	17.1	17.7	18.6	21.1	19.6
15-19	4,013	4,505	4,867	4,857	5,303	435.2	488.6	527.8	526.7	575.1
20-24	5,897	6,847	7,347	7,549	8,346	670.9	779.0	835.9	858.9	949.5
25-29	3,380	4,436	5,047	5,750	6,769	371.3	487.3	554.4	631.7	743.6
30-34	1,666	2,174	2,627	3,008	3,603	192.4	251.1	303.5	347.5	416.2
35-39	830	1,242	1,513	1,681	2,120	97.0	145.1	176.8	196.4	247.7
40-44	487	672	844	898	1,158	56.0	77.2	97.0	103.2	133.1
45-49	304	500	556	605	742	32.3	53.2	59.1	64.4	78.9
50+	398	650	877	875	1,044	9.9	16.2	21.9	21.8	26.0
Unknown	0	0	0	0	0					
Total	17,130	21,199	23,859	25,422	29,272	133.5	165.2	186.0	198.1	228.1

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

Source: Illinois Department of Public Health STD Section

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Illinois Reported STD Cases and Rates per 100,000 Population by Age 2015-2019

P&S Syphilis	Cases					Rates				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
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	2	0	0.0	0.0	0.0	0.2	0.0
15-19	48	50	43	62	78	5.2	5.4	4.7	6.7	8.5
20-24	216	207	213	242	218	24.6	23.6	24.2	27.5	24.8
25-29	232	301	276	320	331	25.5	33.1	30.3	35.2	36.4
30-34	152	208	197	229	233	17.6	24.0	22.8	26.5	26.9
35-39	115	144	149	164	188	13.4	16.8	17.4	19.2	22.0
40-44	93	108	100	118	105	10.7	12.4	11.5	13.6	12.1
45-49	93	102	96	98	65	9.9	10.8	10.2	10.4	6.9
50+	136	140	151	173	156	3.4	3.5	3.8	4.3	3.9
Unknown	0	0	0	0	0					
Total	1,085	1,260	1,225	1,408	1,374	8.5	9.8	9.5	11.0	10.7

Early Syphilis	Cases					Rates				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
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	1	3	1	0.0	0.0	0.1	0.3	0.1
15-19	85	81	83	100	114	9.2	8.8	9.0	10.8	12.4
20-24	374	354	390	425	410	42.6	40.3	44.4	48.4	46.6
25-29	426	555	524	631	614	46.8	61.0	57.6	69.3	67.5
30-34	292	389	391	514	508	33.7	44.9	45.2	59.4	58.7
35-39	227	291	311	362	366	26.5	34.0	36.3	42.3	42.8
40-44	163	212	199	254	222	18.7	24.4	22.9	29.2	25.5
45-49	167	220	192	208	149	17.8	23.4	20.4	22.1	15.8
50+	240	295	325	375	335	6.0	7.4	8.1	9.3	8.3
Unknown	0	1	1	0	0					
Total	1,974	2,398	2,417	2,872	2,719	15.4	18.7	18.8	22.4	21.2

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

December 2020

Illinois Reported STD Cases and Rates per 100,000 Population by Race/Hispanic Ethnicity 2015-2019

Chlamydia	Cases					Rates				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
White - NH	15,899	16,808	18,100	18,064	18,914	194.7	205.8	221.6	221.2	231.6
Black - NH	29,550	28,873	30,662	32,023	33,413	1,612.2	1,575.2	1,672.8	1,747.1	1,822.9
Hispanic	8,733	9,629	10,622	11,608	12,611	430.7	474.9	523.9	572.5	622.0
Asian - NH	662	740	888	965	1,029	114.0	127.5	152.9	166.2	177.2
NHOPI - NH	55	0	2	74	77	1,847.5	0.0	67.2	2,485.7	2,586.5
AI/AN - NH	73	80	86	101	90	387.3	424.4	456.3	535.8	477.5
Other - NH	952	1,050	1,267	1,372	1,481	5,947.0	6,559.2	7,914.8	8,570.7	9,251.6
Multi - NH	176	295	375	402	415	95.7	160.4	203.9	218.5	225.6
Unknown	13,510	14,726	13,516	12,716	12,982					
Total	69,610	72,201	75,518	77,325	81,012	542.5	562.7	588.6	602.7	631.4

Gonorrhea	Cases					Rates				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
White - NH	2,875	3,972	4,586	5,270	6,238	35.2	48.6	56.1	64.5	76.4
Black - NH	10,134	11,065	13,268	13,773	16,113	552.9	603.7	723.9	751.4	879.1
Hispanic	1,170	1,678	2,025	2,558	2,809	57.7	82.8	99.9	126.2	138.5
Asian - NH	115	160	189	239	275	19.8	27.6	32.6	41.2	47.4
NHOPI - NH	12	0	0	20	25	403.1	0.0	0.0	671.8	839.8
AI/AN - NH	18	23	50	40	40	95.5	122.0	265.3	212.2	212.2
Other - NH	184	215	278	265	392	1,149.4	1,343.1	1,736.6	1,655.4	2,448.8
Multi - NH	65	94	126	156	188	35.3	51.1	68.5	84.8	102.2
Unknown	2,557	3,992	3,337	3,101	3,192					
Total	17,130	21,199	23,859	25,422	29,272	133.5	165.2	186.0	198.1	228.1

NH: non-Hispanic

NHOPI: Native Hawaiian/Other 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

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Illinois Reported STD Cases and Rates per 100,000 Population by Race/Hispanic Ethnicity 2015-2019

P&S Syphilis	Cases					Rates				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
White - NH	363	425	408	435	423	4.4	5.2	5.0	5.3	5.2
Black - NH	481	482	422	544	565	26.2	26.3	23.0	29.7	30.8
Hispanic	203	259	227	315	238	10.0	12.8	11.2	15.5	11.7
Asian - NH	18	40	27	34	25	3.1	6.9	4.7	5.9	4.3
NHOPI - NH	1	2	1	1	3	33.6	67.2	33.6	33.6	100.8
AI/AN - NH	0	3	1	4	1	0.0	15.9	5.3	21.2	5.3
Other - NH	8	25	16	11	15	50.0	156.2	100.0	68.7	93.7
Multi - NH	0	1	61	16	6	0.0	0.5	33.2	8.7	3.3
Unknown	11	23	62	48	98					
Total	1,085	1,260	1,225	1,408	1,374	8.5	9.8	9.5	11.0	10.7

Early Syphilis	Cases					Rates				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
White - NH	625	770	723	868	804	7.7	9.4	8.9	10.6	9.8
Black - NH	900	979	908	1,122	1,107	49.1	53.4	49.5	61.2	60.4
Hispanic	375	506	479	639	532	18.5	25.0	23.6	31.5	26.2
Asian - NH	34	54	49	60	57	5.9	9.3	8.4	10.3	9.8
NHOPI - NH	1	4	1	1	5	33.6	134.4	33.6	33.6	168.0
AI/AN - NH	0	5	2	7	5	0.0	26.5	10.6	37.1	26.5
Other - NH	16	40	31	17	29	100.0	249.9	193.7	106.2	181.2
Multi - NH	0	1	100	58	11	0.0	0.5	54.4	31.5	6.0
Unknown	23	39	124	100	169					
Total	1,974	2,398	2,417	2,872	2,719	15.4	18.7	18.8	22.4	21.2

NH: non-Hispanic

NHOPI: Native Hawaiian/Other 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.

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Source: Illinois Department of Public Health STD Section

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Illinois Reported STD Rate Ratios by Race/Hispanic Ethnicity 2015-2019

Chlamydia	2015	2016	2017	2018	2019
Black:White	8.3	7.7	7.5	7.9	7.9
Hispanic:White	2.2	2.3	2.4	2.6	2.7
Asian:White	0.6	0.6	0.7	0.8	0.8
NH/PI:White	9.5	0.0	0.3	11.2	11.2
AI/AN:White	2.0	2.1	2.1	2.4	2.1
Other:White	2.9	3.3	3.7	38.8	40.0
Multi:White	0.5	0.8	0.9	1.0	1.0

P&S Syphilis	2015	2016	2017	2018	2019
Black:White	5.9	5.1	4.8	5.6	6.0
Hispanic:White	2.3	2.5	2.2	2.9	2.3
Asian:White	0.7	1.3	0.9	1.1	0.8
NH/PI:White	7.6	12.9	6.5	6.3	19.5
AI/AN:White	0.0	3.1	5.1	4.0	1.0
Other:White	0.9	2.5	1.4	12.9	18.1
Multi:White	0.0	0.1	6.4	1.6	0.6

Gonorrhea	2015	2016	2017	2018	2019
Black:White	15.7	12.4	12.9	11.6	11.5
Hispanic:White	1.6	1.7	1.8	2.0	1.8
Asian:White	0.6	0.6	0.6	0.6	0.6
NH/PI:White	11.5	0.0	0.0	10.4	11.0
AI/AN:White	2.7	2.5	4.7	3.3	2.8
Other:White	3.5	3.2	3.6	25.7	32.1
Multi:White	1.0	1.1	1.2	1.3	1.3

Early Syphilis	2015	2016	2017	2018	2019
Black:White	6.4	5.7	5.7	5.8	6.1
Hispanic:White	2.4	2.6	2.6	3.0	2.7
Asian:White	0.8	1.0	0.9	1.0	1.0
NH/PI:White	4.4	14.3	3.7	3.2	17.1
AI/AN:White	0.0	2.8	3.5	3.5	2.7
Other:White	1.0	2.2	1.5	10.0	18.4
Multi:White	0.0	0.1	5.9	3.0	0.6

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