

MI STI by Patient Characteristics, 2018							
	Gonorrhea		P&S Syphilis ¹		Chlamydia		2018
	Case Count	rate per 100,000	Case Count	rate per 100,000	Case Count	rate per 100,000	Population ²
Race/Ethnicity							
Black	9,399	683.3	344	25.0	19,943	1,449.7	1,375,622
Hispanic	479	92.3	34	6.6	1,933	372.4	519,022
White	3,750	50.1	250	3.3	16,011	213.9	7,485,441
Asian/NH/PI	80	23.8	11	3.3	321	95.5	336,017
Am Indian/AN	43	75.4	3	5.3	227	398.2	57,011
Multi/Other	638	286.4	11	4.9	2,391	1,073.2	222,802
Unknown	2,533	-	1	-	10,430	-	-
Male	8,819	179.2	584	11.9	17,075	346.9	4,922,143
Black	5,192	795.2	307	47.0	7,453	1,141.4	652,956
Hispanic	244	92.4	28	10.6	592	224.2	264,050
White	1,615	43.6	227	6.1	4,471	120.8	3,701,253
Other	417	137.2	21	6.9	906	298.1	303,884
Unknown	1,351	-	1	-	3,653	-	-
Female	8,099	159.6	70	1.4	34,154	673.1	5,073,772
Black	4,206	582.0	37	5.1	12,489	1,728.2	722,666
Hispanic	235	92.2	6	2.4	1,341	525.9	254,972
White	2,135	56.4	23	0.6	11,538	304.9	3,784,188
Other	344	110.3	4	1.3	2,033	651.7	311,946
Unknown	1,179	-	-	-	6,753	-	-
Unknown Sex - All Races	4	-	-	-	27	-	-
Risk*							
MSM	359		399	139.8	343		285,484*
MSM/PWID	6		6		6		N/A
PWID	49		10		76		N/A
Heterosexual	2,411		169		8,536		N/A
<i>Males</i>	940		111		2,721		N/A
<i>Females</i>	1,471		58		5,815		N/A
Undetermined	14,097		70		42,295		N/A
Age at diagnosis							
Unknown Age	1		-		21		
Less than 15 years	111	6.2	2	0.1	414	23.3	1,778,233
15-19 years	3,506	536.3	29	4.4	15,228	2,329.3	653,747
20-24 years	4,953	713.0	128	18.4	19,052	2,742.8	694,627
25-29 years	3,653	526.0	158	22.8	9,436	1,358.8	694,454
30-34 years	1,875	311.4	91	15.1	3,654	606.8	602,197
35-39 years	1,105	184.3	79	13.2	1,629	271.6	599,690
40-49 years	1,082	90.7	94	7.9	1,233	103.3	1,193,411
50+ years	636	16.8	73	1.9	589	15.6	3,779,556
Total	16,922	169.3	654	6.5	51,256	512.8	9,995,915

1 - P&S: Primary and Secondary Syphilis

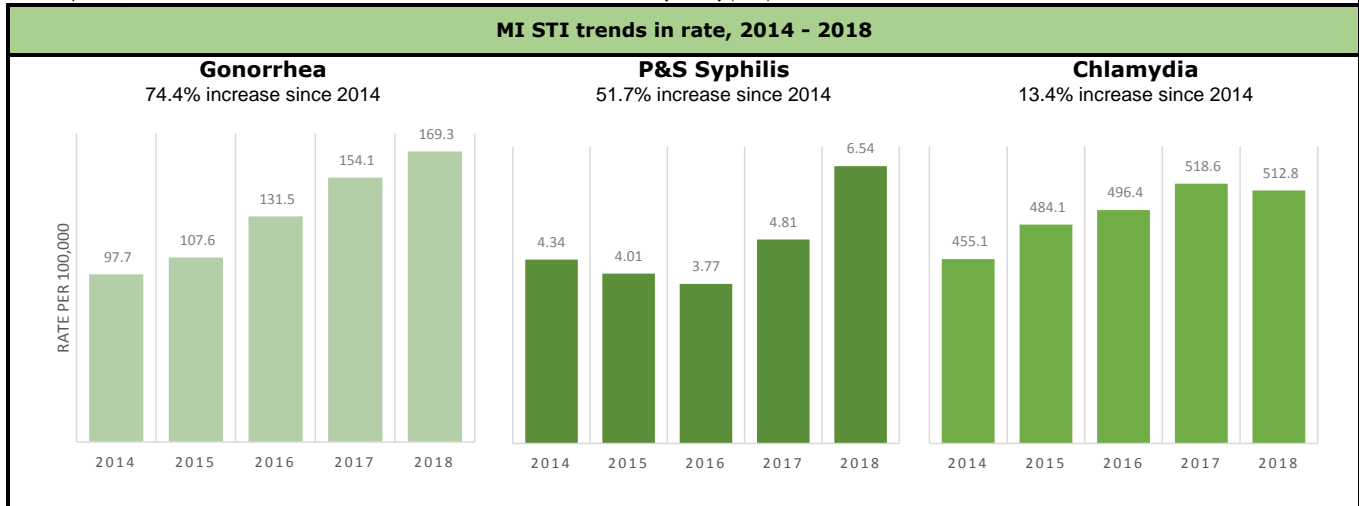
2 - Rate per 100,000 based on annual Census Bureau estimates from the American Community Survey (ACS)

*MSM Census estimate is 5.8% of the male population in Michigan (Lieb S, et al 2011. Statewide Estimation of Racial/Ethnic Populations of Men Who Have Sex with Men in the U.S.)

MI STI by Local Health Jurisdiction, 2018										
	Gonorrhea			P&S Syphilis			Chlamydia			2018 Population
	Case Count	rate per 100,000	5 year trend	Case Count	rate per 100,000	5 year trend	Case Count	rate per 100,000	5 year trend	
Allegan County	77	65.63	↗	1	0.85	↘	386	329.00	↘	117,327
Barry-Eaton	155	90.65	↗	3	1.75	↘	605	353.84	↘	170,983
Bay County	92	88.53	↗	6	5.77	↘	421	405.11	↘	103,923
Benzie-Leelanau	7	17.71	↗	2	5.06	↘	80	202.44	↘	39,517
Berrien County	383	248.47	↗	8	5.19	↘	972	630.59	↘	154,141
Branch-Hillsdale-St. Joseph	119	79.11	↗	1	0.66	↘	467	310.48	↘	150,414
Calhoun County	432	321.22	↗	1	0.74	↘	1064	791.15	↘	134,487
Central Michigan District	67	35.46	↗	11	5.82	↘	561	296.95	↘	188,922
Chippewa County	5	13.33	↗	2	5.33	↘	84	223.90	↘	37,517
Delta-Menominee	6	10.20	↗	0	0.00	↘	170	288.92	↘	58,840
Dickinson-Iron	3	8.22	↗	0	0.00	↘	93	254.79	↘	36,500
District 2	16	24.74	↗	0	0.00	↘	123	190.19	↘	64,671
District 4	11	14.52	↗	3	3.96	↘	119	157.04	↘	75,776
District 10	83	31.34	↗	4	1.51	↘	703	265.41	↘	264,875
Genesee County	883	217.01	↗	9	2.21	↘	2728	670.45	↘	406,892
Grand Traverse County	39	42.13	↗	0	0.00	↘	275	297.06	↘	92,573
Huron County	3	9.63	↗	0	0.00	↘	67	214.98	↘	31,166
Ingham County	587	200.52	↗	28	9.56	↘	1907	651.44	↘	292,735
Ionia County	18	28.03	↗	1	1.56	↘	230	358.20	↘	64,210
Jackson County	233	146.70	↗	9	5.67	↘	965	607.59	↘	158,823
Kalamazoo County	1027	387.74	↗	12	4.53	↘	2361	891.38	↘	264,870
Kent County	1358	207.71	↗	31	4.74	↘	3987	609.83	↘	653,786
Lapeer County	27	30.67	↗	2	2.27	↘	188	213.57	↘	88,028
Lenawee County	44	44.78	↗	5	5.09	↘	284	289.01	↘	98,266
Livingston County	49	25.62	↗	2	1.05	↘	379	198.20	↘	191,224
Luce-Mack-Alger-School	8	23.37	↗	0	0.00	↘	64	186.94	↘	34,235
Macomb County	1094	125.06	↗	73	8.35	↘	3585	409.83	↘	874,759
Marquette County	6	9.02	↗	0	0.00	↘	317	476.58	↘	66,516
Midland County	26	31.25	↗	0	0.00	↘	198	237.96	↘	83,209
Mid-Michigan District	87	47.31	↗	3	1.63	↘	596	324.09	↘	183,899
Monroe County	100	66.47	↗	6	3.99	↘	381	253.26	↘	150,439
Muskegon County	608	350.25	↗	0	0.00	↘	1308	753.51	↘	173,588
Northwest MI Com Hlth Agency	20	18.59	↗	2	1.86	↘	212	197.06	↘	107,582
Oakland County	1343	106.65	↗	87	6.91	↘	4461	354.27	↘	1,259,201
Ottawa County	183	63.00	↗	4	1.38	↘	926	318.77	↘	290,494
Saginaw County	548	287.21	↗	2	1.05	↘	1484	777.78	↘	190,800
Sanilac County	9	21.85	↗	0	0.00	↘	81	196.69	↘	41,182
Shiawassee County	24	35.19	↗	2	2.93	↘	198	290.36	↘	68,192
St Clair County	72	45.19	↗	5	3.14	↘	498	312.55	↘	159,337
Tuscola County	18	34.28	↗	0	0.00	↘	134	255.16	↘	52,516
Van Buren-Cass	144	113.30	↗	1	0.79	↘	464	365.06	↘	127,101
Washtenaw County	523	140.98	↗	25	6.74	↘	1716	462.58	↘	370,963
Wayne County	1542	142.62	↗	91	8.42	↘	4968	459.48	↘	1,081,231
Detroit City	4832	718.34	↗	212	31.52	↘	10337	1536.73	↘	672,662
Western UP District	11	16.29	↗	0	0.00	↘	109	161.38	↘	67,543
Unknown residence	0			0			0			0
Total	16,922	169.29	↗	654	6.54	↘	51,256	512.77	↘	9,995,915

1 - P&S: Primary and Secondary Syphilis

2 - Rate per 100,000 based on annual Census Bureau estimates from the American Community Survey (ACS)



Michigan Gonorrhea, Syphilis, and Chlamydia Cases by County, 2018

County	Gonorrhea		P&S Syphilis ¹		Chlamydia		2018 Population
	Cases	Rate	Cases	Rate	Cases	Rate	
Alcona County	2	19.3	0	-	15	144.8	10,362
Alger County	0	0.0	0	-	7	76.9	9,097
Allegan County	77	65.6	1	0.9	386	329.0	117,327
Alpena County	5	17.6	2	7.1	61	215.1	28,360
Antrim County	7	30.0	0	-	48	205.4	23,365
Arenac County	4	26.6	0	-	40	265.9	15,041
Baraga County	0	0.0	0	-	14	168.3	8,320
Barry County	29	47.4	0	-	162	264.9	61,157
Bay County	92	88.5	6	5.8	421	405.1	103,923
Benzie County	3	16.9	0	-	41	230.9	17,753
Berrien County	383	248.5	8	5.2	972	630.6	154,141
Branch County	19	43.6	1	2.3	133	304.9	43,622
Calhoun County	432	321.2	1	0.7	1064	791.2	134,487
Cass County	63	122.0	0	-	185	358.2	51,653
Charlevoix County	6	22.9	0	-	50	190.5	26,244
Cheboygan County	2	7.9	1	3.9	26	102.3	25,413
Chippewa County	5	13.3	2	5.3	84	223.9	37,517
Clare County	8	26.0	1	3.3	66	214.6	30,757
Clinton County	42	52.9	0	-	273	344.1	79,332
Crawford County	1	7.2	1	7.2	27	194.2	13,901
Delta County	3	8.4	0	-	118	329.1	35,857
Dickinson County	2	7.9	0	-	61	240.3	25,383
Eaton County	126	114.7	3	2.7	443	403.4	109,826
Emmet County	4	12.0	0	-	69	207.2	33,308
Genesee County	883	217.0	9	2.2	2728	670.4	406,892
Gladwin County	6	23.7	1	3.9	46	181.6	25,337
Gogebic County	2	13.2	0	-	26	172.2	15,096
Grand Traverse County	39	42.1	0	-	275	297.1	92,573
Gratiot County	13	32.0	0	-	128	315.3	40,599
Hillsdale County	24	52.5	0	-	115	251.4	45,749
Houghton County	8	22.1	0	-	62	171.2	36,219
Huron County	3	9.6	0	-	67	215.0	31,166
Ingham County	587	200.5	28	9.6	1908	651.8	292,735
Ionia County	18	28.0	1	1.6	230	358.2	64,210
Iosco County	7	27.9	0	-	62	247.2	25,081
Iron County	1	9.0	0	-	32	287.8	11,117
Isabella County	39	55.3	7	9.9	293	415.2	70,562
Jackson County	233	146.7	9	5.7	965	607.6	158,823
Kalamazoo County	1027	387.7	12	4.5	2361	891.4	264,870
Kalkaska County	4	22.4	1	5.6	40	224.4	17,824
Kent County	1358	207.7	31	4.7	3987	609.8	653,786
Keweenaw County	0	0.0	0	-	3	142.0	2,113
Lake County	5	42.1	0	-	34	286.2	11,881
Lapeer County	27	30.7	2	2.3	188	213.6	88,028
Leelanau County	4	18.4	2	9.2	39	179.2	21,764

Michigan Gonorrhea, Syphilis, and Chlamydia Cases by County, 2018

County	Gonorrhea		P&S Syphilis ¹		Chlamydia		2017 Population
	Cases	Rate	Cases	Rate	Cases	Rate	
Lenawee County	44	44.8	5	5.1	284	289.0	98,266
Livingston County	49	25.6	2	1.0	379	198.2	191,224
Luce County	1	15.9	0	-	19	302.4	6,283
Mackinac County	6	55.6	0	-	26	241.0	10,787
Macomb County	1094	125.1	73	8.3	3585	409.8	874,759
Manistee County	4	16.3	0	-	29	118.2	24,528
Marquette County	6	9.0	0	-	317	476.6	66,516
Mason County	5	17.2	0	-	55	189.0	29,100
Mecosta County	15	34.4	0	-	148	339.9	43,545
Menominee County	3	13.1	0	-	52	226.3	22,983
Midland County	26	31.2	0	-	198	238.0	83,209
Missaukee County	4	26.5	0	-	51	337.5	15,113
Monroe County	100	66.5	6	4.0	381	253.3	150,439
Montcalm County	32	50.0	3	4.7	195	304.8	63,968
Montmorency County	1	10.8	0	-	6	64.8	9,265
Muskegon County	608	350.3	0	-	1308	753.5	173,588
Newaygo County	16	32.7	1	2.0	139	284.3	48,892
Oakland County	1343	106.7	87	6.9	4461	354.3	1,259,201
Oceana County	11	41.3	1	3.8	88	330.5	26,625
Ogemaw County	5	23.9	0	-	35	167.0	20,952
Ontonagon County	1	17.3	0	-	4	69.0	5,795
Osceola County	5	21.4	1	4.3	66	282.8	23,341
Oscoda County	2	24.2	0	-	11	132.9	8,276
Otsego County	3	12.2	2	8.1	45	182.4	24,665
Ottawa County	183	63.0	4	1.4	926	318.8	290,494
Presque Isle County	3	23.6	0	-	26	204.1	12,738
Roscommon County	5	20.9	1	4.2	50	209.3	23,884
Saginaw County	548	287.2	2	1.0	1484	777.8	190,800
Sanilac County	9	21.9	0	-	81	196.7	41,182
Schoolcraft County	1	12.4	0	-	12	148.7	8,068
Shiawassee County	24	35.2	2	2.9	197	288.9	68,192
St. Clair County	72	45.2	5	3.1	498	312.5	159,337
St. Joseph County	76	124.5	0	-	219	358.8	61,043
Tuscola County	18	34.3	0	-	134	255.2	52,516
Van Buren County	81	107.4	1	1.3	279	369.8	75,448
Washtenaw County	523	141.0	25	6.7	1716	462.6	370,963
Wayne County	1542	142.6	91	8.4	4968	459.5	1,081,231
Detroit City	4832	718.3	212	31.5	10337	1536.7	672,662
Wexford County	18	53.8	0	-	92	274.9	33,466
Unknown residence	0	-	0	-	0	-	-
Total	16,922	169.3	654	6.5	51,256	512.8	9,995,915