STI Diagnoses in Michigan, 2016 - 2025

All data as of July 22, 2026

Epidemiology, Quality and Data Section
Bureau of HIV & STI Programs
Michigan Department of Health and Human Services

MDHHS Michigan Department of Health & Human Services | Bureau of HIV and STI Programs

HIV & STIs in Michigan

STI/HIV Operations and Resource System (SHOARS)

Overview

Michigan's Bureau of HIV and STI Programs collects, interprets, and disseminates population level data regarding persons with diagnosed sexually transmitted infections (STI). Data are collected in the Michigan Disease Surveillance System (MDSS) where reports from laboratories, private providers, and local public health give information about diagnosis, demographics, and patient behaviors. The STIs that are required to be reported in Michigan include chlamydia, gonorrhea, and syphilis. Many STIs are asymptomatic and go undiagnosed. Undiagnosed infections are not reported and are not included in surveillance data or this report.

Key Definitions

The Basics

New Diagnoses: The number of cases newly diagnosed over a year. STI reports contain the date of infection, which is based on disease onset date if available; if onset date is missing, specimen collection date is used; if specimen collection date and onset date are missing, diagnosis date is used; if specimen collection, symptom onset and diagnosis date are missing, date of report to MDHHS is used.

Diagnosis Rate: The number who are newly diagnosed with a condition divided by the population and reported as a rate per 100,000 population. Rates reported in this way can be used to directly compare groups in a standardized way by accounting for population size.

P&S Syphilis: Primary and secondary (P&S) are the earliest stages of syphilis infection, and are tracked as a proxy measure of incident (or new) infection rather than prevalent infection. During primary syphilis, symptoms appear where syphilis entered the body and last 3-6 weeks. In the following phase, secondary syphilis, symptoms typically manifest with body rash and last 2-10 weeks.

Latent Syphilis: Following these symptomatic stages mentioned above, latent syphilis combines early latent, late latent and syphilis of unknown duration. These phases of syphilis are generally free of symptoms, and are considered a phase occurring after progressing through the P&S stages. Though these latent stages of syphilis are often asymptomatic, they can still be infectious and can have long-term health consequences.

Demographics

AI/AN: American Indian or Alaska Native.

Asian/NH/PI: Asian, Native Hawaiian, or Pacific Islander.

Multi/Other: Individuals who report more than one race (multi-racial, "multi") or a race that is not captured (other race, "other") by one of the race categories listed.

The following measures are displayed in this report

Count: The number (N) of persons newly diagnosed during the calendar year.

Population: The total population (census) during the calendar year.

Rate: The new diagnosis rate per 100,000 persons in the specified population during the calendar year (count/population x 100,000).

% change (95CI): Average annual percent change and 95% confidence interval. This measure is only displayed when statistically significant changes are observed ($p<0.05$). Average annual percent change is calculated by assessing the count offset by the underlying population. *This represents an average change over a one-year period*.

Exposure Factors and Hierarchy

Note that exposure categories are based on sex assigned at birth.

MSM: Men who have sex with men.

PWID: Persons who inject drugs.

Heterosexual: Males: men who are not MSM or PWID and reported sex with a female.

Females: females who are not a PWID and reported sex with a male.

Annual Review of STI Trends in Michigan, 2016 - 2025

Methods

Case counts of STIs were aggregated by diagnosis year from the MDSS. Population estimates are drawn from the American Community Survey (ACS) for the given year. Test of trend was calculated using negative binomial regression and trends with $p<0.05$ were considered statistically significant. Percent annual change and 95% confidence intervals were calculated from this model offset by population for years 2021 to 2025.

Overview

From **2016 to 2025**, **Chlamydia** rates have decreased annually statewide by **4%, (95% CI [-5%, -3%]).** This, and all percent changes presented in this report, is an average annual change.

From **2016 to 2020**, **Gonorrhea** rates increased by **76%** in Michigan, followed by a **54% decrease from 2020 to 2025**. Following the peak of the COVID-19 pandemic in 2020, **from 2021-2025** rates decreased annually statewide by **15.3%, (95% CI [-17.9%, -12.6%]).**

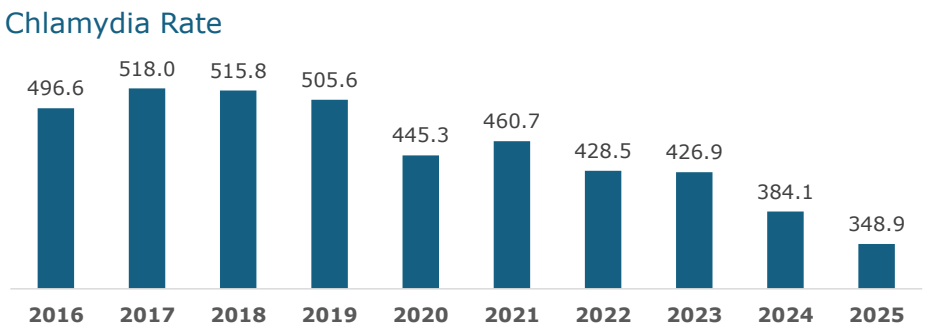
Up until 2021, there had been a strong trend of increasing P&S Syphilis rates, followed by a decrease annually statewide by **13.5%, (95% CI [-16.6%, -10.2%]) from 2021 to 2025.**

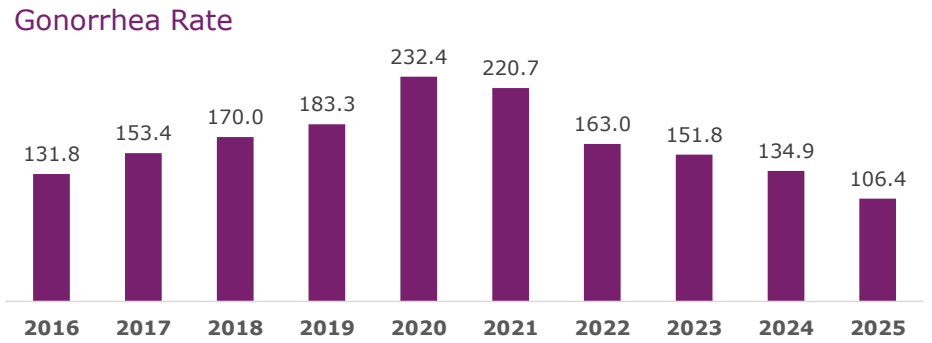
More information:

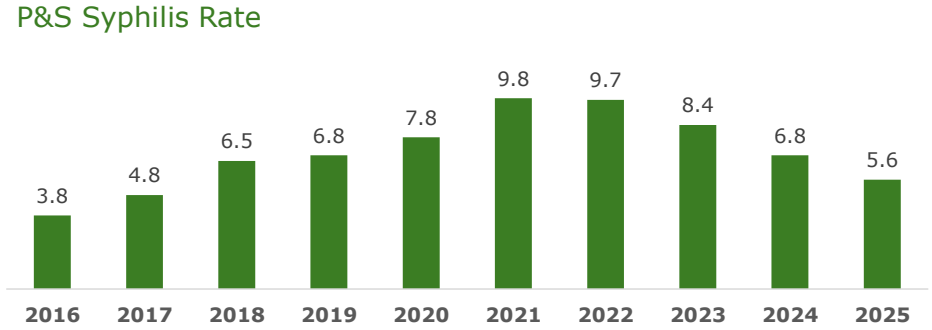
Additional trend tables follow, which stratify by reported demographic and geographic variables.

For additional data, visit MDHHS Data & Statistics at **michigan.gov/hivsti**

Overall trends in rates (per 100,000 population)







Annual Review of STI Trends in Michigan, 2016 - 2025 - Chlamydia

rates displayed per 100,000 population		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
Michigan Total	*count*	49,429	51,682	51,513	50,487	44,851	46,265	43,035	42,957	38,792	35,337	-6.5%
	rate	*496.6*	*518.0*	*515.8*	*505.6*	*445.3*	*460.7*	*428.5*	*426.9*	*384.1*	*348.9*	(-7.9%, -5.0%)

By Age[1]

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
Less than 15 years	*count*	445	436	412	414	328	328	343	410	393	306	
	rate	*24.8*	*24.4*	*23.2*	*23.5*	*18.5*	*18.7*	*19.8*	*23.9*	*23.1*	*18.2*	No significant change
15-19 years	*count*	14,901	15,338	15,302	14,437	12,264	11,979	11,359	11,676	10,768	10,259	-3.2%
	rate	*2,225.3*	*2,317.3*	*2,344.7*	*2,239.9*	*1,847.3*	*1,886.2*	*1,791.8*	*1,839.1*	*1,708.2*	*1,638.1*	(-4.4%, -1.9%)
20-24 years	*count*	19,137	19,700	19,153	18,659	16,920	17,398	15,531	14,897	12,807	11,935	-9.0%
	rate	*2,666.2*	*2,791.8*	*2,760.4*	*2,737.9*	*2,495.0*	*2,529.1*	*2,213.3*	*2,112.4*	*1,816.1*	*1,721.2*	(-10.0%, -7.9%)
25-29 years	*count*	8,534	9,340	9,479	9,306	8,170	8,385	7,592	7,291	6,545	5,813	-8.7%
	rate	*1,301.3*	*1,373.7*	*1,365.8*	*1,332.7*	*1,243.6*	*1,311.0*	*1,216.4*	*1,176.7*	*1,042.5*	*901.2*	(-10.3%, -7.0%)
30-39 years	*count*	4,736	5,073	5,312	5,669	5,382	6,147	6,042	6,337	5,981	5,222	-4.3%
	rate	*401.4*	*426.3*	*442.3*	*467.1*	*429.3*	*483.7*	*470.0*	*487.9*	*454.4*	*394.5*	(-7.0%, -1.6%)
40-49 years	*count*	1,180	1,238	1,240	1,391	1,210	1,377	1,467	1,619	1,512	1,233	
	rate	*96.4*	*102.6*	*104.0*	*118.0*	*103.0*	*118.6*	*126.7*	*139.0*	*128.4*	*103.3*	No significant change
50-59 years	*count*	361	398	478	462	439	497	537	543	586	413	
	rate	*25.2*	*28.3*	*34.7*	*34.2*	*32.5*	*37.3*	*41.2*	*42.7*	*47.3*	*34.0*	No significant change
60+ years	*count*	104	126	116	139	135	154	164	184	200	156	No significant change
	rate	*4.6*	*5.4*	*4.8*	*5.7*	*5.4*	*6.0*	*6.3*	*6.9*	*7.4*	*5.7*	

By Race/Sex[1]

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
AI/AN Female	*count*	164	173	205	143	182	206	212	230	164	186	
	rate	*582.3*	*611.2*	*723.3*	*501.8*	*757.3*	*850.4*	*865.9*	*930.6*	*658.4*	*741.6*	No significant change
AI/AN Male	*count*	66	70	66	63	63	82	76	74	72	64	
	rate	*237.0*	*250.7*	*236.0*	*224.5*	*261.8*	*337.4*	*310.1*	*299.8*	*290.7*	*256.9*	No significant change
Asian/NH/PI Female	*count*	269	240	219	265	198	227	226	225	212	173	-9.9%
	rate	*168.2*	*145.3*	*129.9*	*156.1*	*114.9*	*130.8*	*126.2*	*120.0*	*107.0*	*84.3*	(-14.1%, -5.4%)
Asian/NH/PI Male	*count*	98	106	112	128	96	119	128	137	124	99	-8.0%
	rate	*63.7*	*66.2*	*68.2*	*77.3*	*58.0*	*71.4*	*74.4*	*76.2*	*65.2*	*50.3*	(-13.0%, -2.6%)
Black/AA Female	*count*	11,965	13,049	12,560	12,337	11,962	11,982	11,776	12,161	11,335	10,083	-3.8%
	rate	*1,656.1*	*1,805.5*	*1,737.3*	*1,706.8*	*1,666.6*	*1,677.1*	*1,652.1*	*1,707.8*	*1,588.9*	*1,410.0*	(-6.3%, -1.3%)
Black/AA Male	*count*	6,486	7,430	7,484	7,661	7,064	7,233	7,169	7,823	7,058	6,602	
	rate	*991.9*	*1,137.0*	*1,146.4*	*1,174.8*	*1,083.7*	*1,116.0*	*1,110.7*	*1,215.0*	*1,095.9*	*1,023.4*	No significant change
Hispanic Female	*count*	1,242	1,410	1,324	1,430	1,375	1,724	1,755	1,796	1,676	1,659	-4.3%
	rate	*506.2*	*562.2*	*516.3*	*545.2*	*490.4*	*603.8*	*600.0*	*597.8*	*538.4*	*520.2*	(-6.1%, -2.4%)
Hispanic Male	*count*	506	563	585	628	492	638	728	796	728	665	
	rate	*199.6*	*217.3*	*220.8*	*231.7*	*171.8*	*219.1*	*244.3*	*260.2*	*228.7*	*203.8*	No significant change
Multi/Other Female	*count*	1,003.0	1,165.0	1,643.0	1,671.0	1,569.0	1,704.0	1,347.0	1,413.0	1,491.0	1,473.0	
	rate	*926.0*	*1,050.2*	*1,445.0*	*1,438.6*	*875.7*	*935.5*	*727.3*	*748.9*	*774.8*	*749.9*	No significant change
Multi/Other Male	*count*	321	487	744	804	829	990	804	860	959	1,015	
	rate	*304.6*	*450.1*	*670.7*	*708.1*	*485.7*	*569.8*	*453.6*	*475.5*	*518.6*	*536.9*	No significant change
White Female	*count*	10,973	11,470	11,591	10,565	9,673	10,127	9,073	8,292	7,400	6,600	-9.8%
	rate	*289.4*	*302.9*	*306.7*	*280.4*	*259.4*	*273.1*	*245.4*	*224.9*	*201.1*	*179.6*	(-10.4%, -9.2%)
White Male	*count*	4,201	4,570	4,500	4,251	3,495	3,857	3,847	3,622	3,074	2,736	-8.4%
	rate	*113.4*	*123.4*	*121.7*	*115.3*	*95.2*	*105.7*	*105.8*	*99.9*	*85.0*	*75.8*	(-11.0%, -5.8%)

1 - Cases with missing data for characteristics were omitted from the respective analyses

Annual Review of STI Trends in Michigan, 2016 - 2025 - Chlamydia

By residence at diagnosis (local health jurisdiction)

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
rates displayed per 100,000 population												
Allegan County	*count*	360	429	389	411	324	317	292	251	229	218	-10.0%
	rate	*313.0*	*368.6*	*332.1*	*348.2*	*268.5*	*261.8*	*240.7*	*205.8*	*186.8*	*177.0*	(-13.4%, -6.5%)
Barry-Eaton	*count*	651	573	605	595	578	505	437	410	368	366	-8.2%
	rate	*385.2*	*336.7*	*354.1*	*346.7*	*336.5*	*293.6*	*253.7*	*237.3*	*212.5*	*210.9*	(-11.0%, -5.4%)
Bay County	*count*	344	416	419	390	332	395	280	252	234	265	-9.3%
	rate	*329.4*	*399.7*	*404.2*	*378.8*	*320.0*	*383.1*	*272.5*	*245.4*	*228.4*	*259.5*	(-15.5%, -2.7%)
Benzie-Leelanau	*count*	85	104	81	66	43	68	55	49	33	38	-16.9%
	rate	*217.8*	*264.9*	*205.5*	*167.3*	*106.7*	*173.5*	*133.4*	*118.3*	*79.8*	*91.5*	(-24.1%, -9.0%)
Berrien County	*count*	831	875	972	863	784	913	859	833	709	618	-8.8%
	rate	*538.0*	*567.2*	*631.6*	*562.8*	*507.8*	*594.4*	*561.5*	*546.6*	*465.2*	*405.4*	(-11.1%, -6.6%)
Branch-Hillsdale-St. Joseph	*count*	405	421	466	409	394	431	391	428	351	286	-8.8%
	rate	*270.0*	*280.9*	*310.7*	*273.0*	*260.0*	*284.1*	*258.7*	*281.2*	*229.8*	*187.3*	(-13.2%, -4.3%)
Calhoun County	*count*	944	995	1,064	947	710	893	750	841	794	570	-7.8%
	rate	*702.7*	*741.8*	*794.9*	*707.7*	*529.1*	*666.9*	*562.1*	*630.8*	*594.3*	*427.3*	(-13.4%, -1.8%)
Central Michigan District[2]	*count*	471	596	561	588	518	511	470	415	345	346	-10.6%
	rate	*249.4*	*315.6*	*297.5*	*312.3*	*284.4*	*279.6*	*256.1*	*225.4*	*188.6*	*187.2*	(-13.3%, -7.9%)
Chippewa County	*count*	117	104	84	60	68	79	80	115	77	83	No significant change
	rate	*310.1*	*275.9*	*224.5*	*160.9*	*184.8*	*220.4*	*221.0*	*317.0*	*213.2*	*230.0*	
Delta-Menominee	*count*	162	132	171	169	77	83	91	65	76	58	-8.4%
	rate	*272.6*	*224.1*	*290.8*	*288.8*	*127.6*	*137.9*	*158.2*	*108.4*	*127.0*	*97.4*	(-14.9%, -1.5%)
Detroit City[3]	*count*	11,600	11,573	11,000	11,145	9,947	10,005	9,474	10,043	9,241	8,438	-3.4%
	rate	*1,530.4*	*1,534.5*	*1,464.3*	*1,488.9*	*1,333.9*	*1,378.1*	*1,321.1*	*1,401.9*	*1,287.5*	*1,175.6*	(-5.7%, -1.0%)
Dickinson-Iron	*count*	90	77	93	97	68	87	59	47	36	25	-26.3%
	rate	*245.2*	*210.6*	*254.6*	*279.1*	*184.1*	*232.4*	*166.0*	*124.4*	*95.5*	*66.5*	(-32.8%, -19.2%)
District 2[4]	*count*	113	155	124	92	111	97	82	72	61	75	-8.4%
	rate	*175.6*	*239.9*	*191.7*	*141.7*	*172.4*	*149.8*	*125.9*	*109.9*	*92.9*	*114.2*	(-14.7%, -1.7%)
District 4[5]	*count*	134	149	121	133	112	131	95	98	72	72	-14.3%
	rate	*176.2*	*196.4*	*159.3*	*175.9*	*146.1*	*173.3*	*122.3*	*125.9*	*92.6*	*94.0*	(-19.7%, -8.6%)
District 10[6]	*count*	729	729	707	756	574	603	565	594	516	409	-8.6%
	rate	*278.6*	*277.0*	*267.2*	*284.8*	*218.7*	*227.3*	*211.3*	*221.0*	*191.3*	*150.8*	(-12.6%, -4.5%)
Genesee County	*count*	2,681	2,823	2,757	2,953	2,787	2,686	2,386	2,429	2,270	2,069	-5.4%
	rate	*655.4*	*692.5*	*678.0*	*727.9*	*686.9*	*663.7*	*593.6*	*605.2*	*565.7*	*515.8*	(-7.0%, -3.7%)
Grand Traverse County	*count*	278	287	276	273	248	231	278	200	137	105	-20.6%
	rate	*301.9*	*312.2*	*298.1*	*293.4*	*259.9*	*240.6*	*288.6*	*207.5*	*142.0*	*108.6*	(-28.2%, -12.3%)
Huron County	*count*	57	57	67	50	59	57	49	38	38	37	-10.4%
	rate	*181.1*	*182.1*	*214.8*	*161.8*	*188.0*	*181.9*	*157.3*	*122.8*	*123.6*	*121.2*	(-18.5%, -1.5%)

2 - Central Michigan District serves Arenac, Clare, Gladwin, Isabella, Osceola and Roscommon Counties.

3 - Detroit LHD refers to Detroit City and Hamtramck, Highland Park, the Grosse Points and Harper Woods. Wayne LHD covers Western Wayne County for STIs.

4 - District 2 serves Alcona, Iosco, Oscoda and Ogemaw Counties.

5 - District 4 serves Alpena, Cheboygan, Montmorency and Presque Isle Counties.

6 - District 10 serves Crawford, Kalkaska, Lake, Manistee, Mason, Mecosta, Missaukee, Newaygo, Oceana and Wexford Counties.

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By residence at diagnosis (local health jurisdiction)

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
rates displayed per 100,000 population												
Ingham County	*count*	2,014	1,921	1,946	1,812	1,676	1,783	1,675	1,522	1,367	1,267	-9.9%
	rate	*695.4*	*658.6*	*668.1*	*621.8*	*588.1*	*656.2*	*589.0*	*531.4*	*475.7*	*437.3*	(-11.3%, -8.4%)
Ionia County	*count*	170	220	230	174	192	201	181	160	127	122	-12.5%
	rate	*264.7*	*342.2*	*357.8*	*269.1*	*287.1*	*300.7*	*271.1*	*242.0*	*191.5*	*183.3*	(-16.8%, -8.0%)
Jackson County	*count*	930	846	958	925	692	822	877	745	729	653	-6.1%
	rate	*587.3*	*533.2*	*604.1*	*584.1*	*431.9*	*513.1*	*548.9*	*466.8*	*456.8*	*409.3*	(-8.9%, -3.3%)
Kalamazoo County	*count*	2,181	2,303	2,356	2,332	1,931	1,895	1,673	1,764	1,734	1,372	-6.1%
	rate	*833.8*	*874.4*	*888.7*	*878.2*	*737.6*	*727.2*	*640.7*	*672.1*	*659.0*	*520.1*	(-9.8%, -2.3%)
Kent County	*count*	3,538	4,180	4,018	3,625	3,340	3,831	3,710	3,660	3,142	2,930	-7.4%
	rate	*549.2*	*643.4*	*614.7*	*551.9*	*507.2*	*581.3*	*562.3*	*551.4*	*468.7*	*433.9*	(-9.6%, -5.3%)
Lapeer County	*count*	143	163	186	178	148	169	141	108	145	116	-7.4%
	rate	*162.1*	*184.8*	*211.4*	*202.7*	*167.1*	*190.5*	*159.0*	*121.3*	*162.4*	*129.6*	(-13.9%, -0.3%)
Lenawee County	*count*	300	309	290	266	245	240	225	198	139	135	-14.4%
	rate	*304.3*	*313.7*	*295.6*	*270.0*	*246.6*	*242.0*	*228.9*	*202.6*	*142.1*	*138.1*	(-18.3%, -10.4%)
Livingston County	*count*	386	379	375	351	299	315	232	254	235	242	-5.6%
	rate	*204.7*	*199.6*	*196.1*	*182.8*	*154.1*	*161.2*	*118.3*	*129.1*	*119.4*	*122.6*	(-10.5%, -0.4%)
Luce-Mack-Alger-School	*count*	73	79	65	56	46	57	46	51	34	46	No significant change
	rate	*213.9*	*230.4*	*189.8*	*165.2*	*134.8*	*173.2*	*134.6*	*149.0*	*101.1*	*134.5*	
Macomb County	*count*	3,232	3,548	3,590	3,578	3,046	3,306	3,102	3,150	2,855	2,718	-4.9%
	rate	*372.2*	*407.4*	*411.7*	*410.1*	*346.0*	*376.6*	*354.5*	*359.0*	*323.5*	*306.7*	(-6.3%, -3.5%)
Marquette County	*count*	277	268	320	240	208	190	145	150	107	83	-17.8%
	rate	*416.1*	*402.9*	*481.9*	*359.9*	*312.6*	*286.3*	*216.2*	*222.0*	*157.8*	*121.9*	(-22.2%, -13.2%)
Mid-Michigan District[7]	*count*	550	536	596	581	501	527	463	424	345	319	-12.5%
	rate	*302.9*	*292.8*	*324.5*	*315.8*	*267.2*	*280.1*	*246.1*	*223.6*	*181.0*	*167.0*	(-15.2%, -9.8%)
Midland County	*count*	214	221	198	195	164	152	155	173	135	114	-6.6%
	rate	*256.3*	*264.9*	*237.3*	*233.8*	*196.4*	*182.0*	*185.1*	*206.2*	*161.2*	*136.1*	(-12.4%, -0.4%)
Monroe County	*count*	400	369	380	412	407	333	378	340	248	223	-11.6%
	rate	*268.0*	*246.8*	*253.0*	*273.9*	*262.7*	*214.0*	*243.3*	*218.6*	*159.1*	*142.9*	(-17.5%, -5.2%)

7 - Mid-Michigan District serves Clinton, Gratiot and Montcalm Counties.

By residence at diagnosis (local health jurisdiction)

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
rates displayed per 100,000 population												
Muskegon County	*count*	1,310	1,425	1,312	1,336	1,336	1,364	1,253	1,290	1,151	959	-7.8%
	rate	*755.7*	*819.9*	*755.2*	*769.4*	*764.4*	*776.9*	*714.1*	*731.7*	*649.5*	*539.1*	(-10.7%, -4.9%)
Northwest MI Com Hlth Agency[8]	*count*	238	284	214	218	178	207	212	184	137	103	-16.2%
	rate	*223.2*	*265.1*	*199.2*	*202.7*	*163.7*	*188.7*	*192.4*	*166.7*	*123.8*	*93.1*	(-21.4%, -10.7%)
Oakland County	*count*	4,198	4,214	4,526	4,443	3,924	3,956	3,699	3,755	3,209	3,016	-6.9%
	rate	*335.4*	*335.4*	*359.9*	*353.3*	*308.4*	*310.7*	*290.6*	*294.5*	*250.2*	*234.1*	(-9.0%, -4.8%)
Ottawa County	*count*	855	974	924	804	808	1,006	770	720	711	625	-10.8%
	rate	*301.4*	*340.0*	*319.1*	*275.9*	*272.2*	*337.2*	*256.0*	*237.2*	*232.2*	*202.6*	(-14.1%, -7.4%)
Saginaw County	*count*	1,137	1,340	1,484	1,306	1,243	1,249	1,198	1,049	1,094	1,000	-5.0%
	rate	*590.2*	*697.9*	*777.6*	*685.6*	*654.7*	*659.2*	*635.9*	*558.7*	*582.7*	*532.8*	(-6.8%, -3.2%)
Sanilac County	*count*	86	96	81	73	72	51	43	44	29	31	-12.6%
	rate	*207.5*	*232.7*	*196.4*	*177.1*	*177.8*	*125.8*	*106.2*	*108.9*	*72.1*	*77.3*	(-20.9%, -3.4%)
Shiawassee County	*count*	210	217	197	246	170	156	131	110	87	98	-12.8%
	rate	*306.2*	*317.1*	*289.4*	*361.4*	*250.0*	*229.4*	*192.8*	*162.0*	*128.3*	*144.8*	(-17.8%, -7.6%)
St Clair County	*count*	444	479	498	463	364	336	361	349	303	247	-7.4%
	rate	*278.4*	*301.0*	*312.8*	*290.6*	*227.0*	*209.6*	*225.8*	*217.7*	*189.0*	*153.9*	(-12.0%, -2.7%)
Tuscola County	*count*	148	147	136	121	114	98	93	90	56	50	-15.8%
	rate	*277.9*	*278.3*	*258.1*	*231.1*	*213.8*	*184.7*	*175.7*	*170.2*	*106.0*	*94.9*	(-21.6%, -9.5%)
Van Buren-Cass	*count*	384	442	467	488	373	396	377	384	405	332	No significant change
	rate	*303.3*	*348.5*	*384.6*	*382.9*	*293.4*	*311.2*	*296.6*	*301.2*	*317.3*	*259.9*	
Washtenaw County	*count*	1,778	1,693	1,727	1,804	1,567	1,452	1,397	1,283	1,155	1,029	-8.6%
	rate	*484.5*	*457.9*	*466.1*	*489.9*	*421.4*	*397.9*	*380.3*	*348.8*	*313.0*	*277.9*	(-10.3%, -7.0%)
Wayne County[9]	*count*	4,063	4,412	4,373	4,330	3,939	3,956	3,708	3,744	3,478	3,390	-3.6%
	rate	*405.1*	*439.6*	*435.3*	*432.3*	*377.3*	*377.0*	*355.0*	*359.3*	*331.9*	*322.5*	(-4.6%, -2.6%)
Western UP District[10]	*count*	118	122	109	133	134	125	97	76	48	39	-25.8%
	rate	*172.8*	*179.4*	*162.0*	*204.6*	*198.2*	*183.5*	*142.2*	*111.4*	*70.4*	*57.1*	(-31.2%, -20.1%)

8 - Northwest MI Com Hlth Agency serves Antrim, Charlevoix, Emmet and Otsego Counties.

9 - Excludes the City of Detroit

10 - Western UP District serves Baraga, Gogebic, Houghton, Keweenaw and Ontonagon Counties.

Annual Review of STI Trends in Michigan, 2016 - 2025 - Gonorrhea

rates displayed per 100,000 population		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
Michigan Total	*count*	13,115	15,309	16,977	18,306	23,411	22,166	16,374	15,277	13,625	10,775	-15.3%
	rate	*131.8*	*153.4*	*170.0*	*183.3*	*232.4*	*220.7*	*163.0*	*151.8*	*134.9*	*106.4*	(-17.9%, -12.6%)

By Age[1]

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
Less than 15 years	*count*	115	108	112	96	113	121	117	140	116	73	
	rate	*6.4*	*6.0*	*6.3*	*5.4*	*6.4*	*6.9*	*6.8*	*8.2*	*6.8*	*4.3*	No significant change
15-19 years	*count*	2,800	3,241	3,510	3,487	4,063	3,665	3,076	3,184	2,578	2,050	-12.1%
	rate	*418.1*	*489.7*	*537.8*	*541.0*	*612.0*	*577.1*	*485.2*	*501.5*	*409.0*	*327.3*	(-15.6%, -8.5%)
20-24 years	*count*	4,181	4,667	4,971	5,403	6,802	6,123	4,340	3,975	3,422	2,725	-17.0%
	rate	*582.5*	*661.4*	*716.4*	*792.8*	*1,003.0*	*890.1*	*618.5*	*563.6*	*485.3*	*393.0*	(-20.0%, -13.8%)
25-29 years	*count*	2,859	3,377	3,663	4,124	5,292	4,785	3,178	2,782	2,453	1,814	-20.0%
	rate	*436.0*	*496.7*	*527.8*	*590.6*	*805.5*	*748.1*	*509.2*	*449.0*	*390.7*	*281.2*	(-23.0%, -17.0%)
30-39 years	*count*	2,045	2,450	2,997	3,330	4,752	5,008	3,707	3,354	3,203	2,541	-15.0%
	rate	*173.3*	*205.9*	*249.5*	*274.4*	*379.1*	*394.1*	*288.4*	*258.2*	*243.3*	*192.0*	(-18.0%, -11.9%)
40-49 years	*count*	696	889	1,084	1,143	1,480	1,588	1,187	1,195	1,131	954	-11.0%
	rate	*56.9*	*73.7*	*90.9*	*97.0*	*126.0*	*136.8*	*102.5*	*102.6*	*96.1*	*80.0*	(-14.3%, -7.6%)
50-59 years	*count*	320	428	487	515	680	643	549	467	482	420	-7.1%
	rate	*22.3*	*30.4*	*35.4*	*38.1*	*50.3*	*48.3*	*42.2*	*36.8*	*38.9*	*34.6*	(-10.1%, -4.1%)
60+ years	*count*	89	138	152	206	226	233	219	180	240	198	No significant change
	rate	*3.9*	*5.9*	*6.3*	*8.4*	*9.0*	*9.1*	*8.4*	*6.8*	*8.9*	*7.2*	

By Race/Sex[1]

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
AI/AN Female	*count*	24	28	36	33	51	61	47	37	35	32	-16.2%
	rate	*85.2*	*98.9*	*127.0*	*115.8*	*212.2*	*251.8*	*192.0*	*149.7*	*140.5*	*127.6*	(-24.0%, -7.6%)
AI/AN Male	*count*	20	17	27	31	37	55	37	18	27	19	-23.9%
	rate	*71.8*	*60.9*	*96.6*	*110.5*	*153.7*	*226.3*	*150.9*	*72.9*	*109.0*	*76.3*	(-33.3%, -13.1%)
Asian/NH/PI Female	*count*	29	25	26	33	31	33	30	32	27	16	-16.7%
	rate	*18.1*	*15.1*	*15.4*	*19.4*	*18.0*	*19.0*	*16.8*	*17.1*	*13.6*	*7.8*	(-26.1%, -6.1%)
Asian/NH/PI Male	*count*	29	49	57	57	41	64	70	60	72	64	No significant change
	rate	*18.8*	*30.6*	*34.7*	*34.4*	*24.8*	*38.4*	*40.7*	*33.4*	*37.9*	*32.5*	
Black/AA Female	*count*	3,498	4,043	4,211	4,626	6,078	5,642	4,237	4,014	3,500	2,724	-15.2%
	rate	*484.2*	*559.4*	*582.5*	*640.0*	*846.8*	*789.7*	*594.4*	*563.7*	*490.6*	*380.9*	(-17.9%, -12.5%)
Black/AA Male	*count*	3,777	4,716	5,228	5,822	7,421	6,825	5,544	5,411	4,837	3,866	-11.9%
	rate	*577.6*	*721.7*	*800.8*	*892.8*	*1,138.4*	*1,053.1*	*858.9*	*840.4*	*751.0*	*599.3*	(-14.4%, -9.3%)
Hispanic Female	*count*	197	225	231	295	431	437	377	343	272	237	-16.9%
	rate	*80.3*	*89.7*	*90.1*	*112.5*	*153.7*	*153.1*	*128.9*	*114.2*	*87.4*	*74.3*	(-19.7%, -14.0%)
Hispanic Male	*count*	161	211	241	261	301	331	325	346	380	298	No significant change
	rate	*63.5*	*81.4*	*91.0*	*96.3*	*105.1*	*113.7*	*109.1*	*113.1*	*119.4*	*91.3*	
Multi/Other Female	*count*	112	210	291	348	518	462	264	263	216	212	-18.3%
	rate	*103.4*	*189.3*	*255.9*	*299.6*	*289.1*	*253.6*	*142.6*	*139.4*	*112.2*	*107.9*	(-24.8%, -11.3%)
Multi/Other Male	*count*	99	179	334	414	574	560	328	353	383	316	-11.9%
	rate	*94.0*	*165.5*	*301.1*	*364.6*	*336.3*	*322.3*	*185.0*	*195.2*	*207.1*	*167.2*	(-19.4%, -3.8%)
White Female	*count*	1,376	1,740	2,140	2,104	2,887	3,003	2,069	1,645	1,472	1,146	-20.3%
	rate	*18.4*	*23.2*	*28.6*	*28.2*	*39.0*	*40.8*	*28.2*	*22.5*	*20.2*	*31.2*	(-23.2%, -17.2%)
White Male	*count*	1,203	1,472	1,618	1,584	1,932	2,059	1,708	1,573	1,522	1,174	-11.3%
	rate	*32.5*	*39.7*	*43.8*	*43.0*	*52.6*	*56.4*	*47.0*	*43.4*	*42.1*	*32.5*	(-14.0%, -8.6%)

1 - Cases with missing data for characteristics were omitted from the respective analyses

By residence at diagnosis (local health jurisdiction)

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
rates displayed per 100,000 population												
Allegan County	*count*	41	62	77	110	109	106	95	80	45	42	-22.4%
	rate	*35.6*	*53.3*	*65.7*	*93.2*	*90.3*	*87.5*	*78.3*	*65.6*	*36.7*	*34.1*	(-28.1%, -16.2%)
Barry-Eaton	*count*	144	110	155	141	218	196	166	144	115	87	-17.8%
	rate	*85.2*	*64.6*	*90.7*	*82.2*	*126.9*	*114.0*	*96.4*	*83.4*	*66.4*	*50.1*	(-22.0%, -13.3%)
Bay County	*count*	52	108	91	106	99	136	84	42	46	80	No significant change
	rate	*49.8*	*103.8*	*87.8*	*102.9*	*95.4*	*131.9*	*81.8*	*40.9*	*44.9*	*78.3*	
Benzie-Leelanau	*count*	3	2	7	7	5	17	11	10	5	6	-26.8%
	rate	*7.7*	*5.1*	*17.8*	*17.7*	*12.4*	*43.4*	*26.7*	*24.2*	*12.1*	*14.4*	(-40.7%, -9.7%)
Berrien County	*count*	276	285	383	303	407	531	462	185	167	158	-29.0%
	rate	*178.7*	*184.7*	*248.9*	*197.6*	*263.6*	*345.7*	*302.0*	*121.4*	*109.6*	*103.6*	(-37.2%, -19.8%)
Branch-Hillsdale-St. Joseph	*count*	46	54	119	165	218	242	98	102	84	76	-23.4%
	rate	*30.7*	*36.0*	*79.3*	*110.1*	*143.9*	*159.5*	*64.8*	*67.0*	*55.0*	*49.8*	(-32.8%, -12.7%)
Calhoun County	*count*	225	362	432	471	471	537	363	288	284	128	-25.8%
	rate	*167.5*	*269.9*	*322.7*	*352.0*	*351.0*	*401.0*	*272.0*	*216.0*	*212.6*	*95.9*	(-32.8%, -18.1%)
Central Michigan District[2]	*count*	41	66	67	96	125	116	92	71	76	54	-16.2%
	rate	*21.7*	*35.0*	*35.5*	*51.0*	*68.6*	*63.5*	*50.1*	*38.6*	*41.5*	*29.2*	(-21.8%, -10.1%)
Chippewa County	*count*	2	3	5	4	7	12	9	4	3	3	-34.1%
	rate	*5.3*	*8.0*	*13.4*	*10.7*	*19.0*	*33.5*	*24.9*	*11.0*	*8.3*	*8.3*	(-50.1%, -13.1%)
Delta-Menominee	*count*	11	9	7	9	5	4	4	10	7	4	No significant change
	rate	*18.5*	*15.3*	*11.9*	*15.4*	*8.3*	*6.6*	*7.0*	*16.7*	*11.7*	*6.7*	
Detroit City[3]	*count*	4,263	4,795	5,149	5,831	7,001	6,152	4,384	4,639	4,076	3,156	-13.0%
	rate	*562.4*	*635.8*	*685.4*	*779.0*	*938.8*	*847.4*	*611.3*	*647.6*	*567.9*	*439.7*	(-17.2%, -8.6%)
Dickinson-Iron	*count*	11	7	3	6	4	6	4	3	2	1	-33.2%
	rate	*30.0*	*19.1*	*8.2*	*17.3*	*10.8*	*16.0*	*11.3*	*7.9*	*5.3*	*2.7*	(-54.4%, -2.3%)
District 2[4]	*count*	7	14	16	9	13	11	4	6	6	3	No significant change
	rate	*10.9*	*21.7*	*24.7*	*13.9*	*20.2*	*17.0*	*6.1*	*9.2*	*9.1*	*4.6*	
District 4[5]	*count*	3	7	11	17	16	14	7	5	12	2	No significant change
	rate	*3.9*	*9.2*	*14.5*	*22.5*	*20.9*	*18.5*	*9.0*	*6.4*	*15.4*	*2.6*	
District 10[6]	*count*	64	67	83	89	151	167	101	87	57	34	-31.2%
	rate	*24.5*	*25.5*	*31.4*	*33.5*	*57.5*	*63.0*	*37.8*	*32.4*	*21.1*	*12.5*	(-35.9%, -26.1%)
Genesee County	*count*	991	965	888	1,102	1,710	1,721	1,269	897	925	865	-15.5%
	rate	*242.3*	*236.7*	*218.4*	*271.6*	*421.4*	*425.3*	*315.7*	*223.5*	*230.5*	*215.7*	(-20.9%, -9.8%)
Grand Traverse County	*count*	13	21	40	39	41	48	27	22	21	16	-23.8%
	rate	*14.1*	*22.8*	*43.2*	*41.9*	*43.0*	*50.0*	*28.0*	*22.8*	*21.8*	*16.5*	(-32.8%, -13.5%)
Huron County	*count*	3	8	3	4	10	8	7	4	7	6	No significant change
	rate	*9.5*	*25.6*	*9.6*	*12.9*	*31.9*	*25.5*	*22.5*	*12.9*	*22.8*	*19.7*	

2 - Central Michigan District serves Arenac, Clare, Gladwin, Isabella, Osceola and Roscommon Counties.

3 - Detroit LHD refers to Detroit City and Hamtramck, Highland Park, the Grosse Points and Harper Woods. Wayne LHD covers Western Wayne County for STIs.

4 - District 2 serves Alcona, Iosco, Oscoda and Ogemaw Counties.

5 - District 4 serves Alpena, Cheboygan, Montmorency and Presque Isle Counties.

6 - District 10 serves Crawford, Kalkaska, Lake, Manistee, Mason, Mecosta, Missaukee, Newaygo, Oceana and Wexford Counties.

By residence at diagnosis (local health jurisdiction)

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
rates displayed per 100,000 population												
Ingham County	*count*	676	557	596	536	921	977	781	623	523	395	-21.1%
	rate	*233.4*	*191.0*	*204.6*	*183.9*	*323.2*	*359.6*	*274.6*	*217.5*	*182.0*	*136.3*	(-23.0%, -19.1%)
Ionia County	*count*	15	23	18	32	54	90	31	17	31	27	-23.5%
	rate	*23.4*	*35.8*	*28.0*	*49.5*	*80.8*	*134.6*	*46.4*	*25.7*	*46.8*	*40.6*	(-39.1%, -3.9%)
Jackson County	*count*	66	148	232	251	375	426	277	202	172	167	-21.4%
	rate	*41.7*	*93.3*	*146.3*	*158.5*	*234.1*	*265.9*	*173.4*	*126.6*	*107.8*	*104.7*	(-26.7%, -15.8%)
Kalamazoo County	*count*	655	851	1,026	1,093	1,226	1,085	856	710	598	393	-21.1%
	rate	*250.4*	*323.1*	*387.0*	*411.6*	*468.3*	*416.4*	*327.8*	*270.5*	*227.3*	*149.0*	(-23.5%, -18.5%)
Kent County	*count*	772	1,108	1,375	1,286	1,947	1,826	1,358	1,237	1,096	872	-16.3%
	rate	*119.8*	*170.5*	*210.4*	*195.8*	*295.7*	*277.1*	*205.8*	*186.3*	*163.5*	*129.1*	(-18.6%, -13.9%)
Lapeer County	*count*	13	27	27	33	41	38	16	13	23	23	No significant change
	rate	*14.7*	*30.6*	*30.7*	*37.6*	*46.3*	*42.8*	*18.0*	*14.6*	*25.8*	*25.7*	
Lenawee County	*count*	54	47	44	83	112	74	96	63	48	28	-22.2%
	rate	*54.8*	*47.7*	*44.8*	*84.2*	*112.7*	*74.6*	*97.7*	*64.5*	*49.1*	*28.6*	(-32.2%, -10.7%)
Livingston County	*count*	25	44	49	46	67	49	42	45	52	35	No significant change
	rate	*13.3*	*23.2*	*25.6*	*24.0*	*34.5*	*25.1*	*21.4*	*22.9*	*26.4*	*17.7*	
Luce-Mack-Alger-School	*count*	3	10	8	10	1	6	5	8	2	2	No significant change
	rate	*8.8*	*29.2*	*23.4*	*29.5*	*2.9*	*18.2*	*14.6*	*23.4*	*5.9*	*5.8*	
Macomb County	*count*	814	920	1,103	1,174	1,434	1,401	973	1,068	966	865	-9.8%
	rate	*93.7*	*105.6*	*126.5*	*134.6*	*162.9*	*159.6*	*111.2*	*121.7*	*109.5*	*97.6*	(-14.4%, -4.9%)
Marquette County	*count*	8	8	6	7	12	17	7	28	17	4	No significant change
	rate	*12.0*	*12.0*	*9.0*	*10.5*	*18.0*	*25.6*	*10.4*	*41.4*	*25.1*	*5.9*	
Mid-Michigan District[7]	*count*	67	69	86	100	156	162	92	101	65	56	-22.8%
	rate	*36.9*	*37.7*	*46.8*	*54.3*	*83.2*	*86.1*	*48.9*	*53.3*	*34.1*	*29.3*	(-29.0%, -16.0%)
Midland County	*count*	26	46	26	40	40	35	31	19	21	25	No significant change
	rate	*31.1*	*55.1*	*31.2*	*48.0*	*47.9*	*41.9*	*37.0*	*22.6*	*25.1*	*29.8*	
Monroe County	*count*	72	82	99	114	173	70	81	69	56	51	-9.3%
	rate	*48.2*	*54.8*	*65.9*	*75.8*	*111.7*	*45.0*	*52.1*	*44.4*	*35.9*	*32.7*	(-16.0%, -2.0%)

7 - Mid-Michigan District serves Clinton, Gratiot and Montcalm Counties.

By residence at diagnosis (local health jurisdiction)

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
rates displayed per 100,000 population												
Muskegon County	*count*	496	560	608	577	680	775	522	641	445	285	-19.6%
	rate	*286.1*	*322.2*	*350.0*	*332.3*	*389.1*	*441.4*	*297.5*	*363.6*	*251.1*	*160.2*	(-27.1%, -11.2%)
Northwest MI Com Hlth Agency[8]	*count*	4	10	20	12	23	31	17	16	10	10	-26.3%
	rate	*3.8*	*9.3*	*18.6*	*11.2*	*21.1*	*28.3*	*15.4*	*14.5*	*9.0*	*9.0*	(-37.2%, -13.5%)
Oakland County	*count*	1,026	1,142	1,327	1,293	1,709	1,531	1,235	1,313	1,185	917	-10.4%
	rate	*82.0*	*90.9*	*105.5*	*102.8*	*134.3*	*120.3*	*97.0*	*103.0*	*92.4*	*71.2*	(-14.2%, -6.3%)
Ottawa County	*count*	115	135	182	160	201	258	152	168	132	105	-18.7%
	rate	*40.5*	*47.1*	*62.9*	*54.9*	*67.7*	*86.5*	*50.5*	*55.3*	*43.1*	*34.0*	(-24.6%, -12.3%)
Saginaw County	*count*	410	392	547	724	749	655	659	488	454	399	-12.6%
	rate	*212.8*	*204.2*	*286.6*	*380.1*	*394.5*	*345.7*	*349.8*	*259.9*	*241.8*	*212.6*	(-15.8%, -9.2%)
Sanilac County	*count*	4	9	9	4	11	20	6	5	11	4	No significant change
	rate	*9.7*	*21.8*	*21.8*	*9.7*	*27.2*	*49.3*	*14.8*	*12.4*	*27.3*	*10.0*	
Shiawassee County	*count*	20	26	24	21	56	68	26	19	25	20	-24.3%
	rate	*29.2*	*38.0*	*35.3*	*30.9*	*82.4*	*100.0*	*38.3*	*28.0*	*36.9*	*29.6*	(-37.0%, -9.1%)
St Clair County	*count*	74	56	72	89	142	158	61	82	50	56	-21.7%
	rate	*46.4*	*35.2*	*45.2*	*55.9*	*88.5*	*98.6*	*38.2*	*51.2*	*31.2*	*34.9*	(-32.8%, -8.9%)
Tuscola County	*count*	13	21	19	18	18	11	11	11	8	12	No significant change
	rate	*24.4*	*39.8*	*36.1*	*34.4*	*33.8*	*20.7*	*20.8*	*20.8*	*15.1*	*22.8*	
Van Buren-Cass	*count*	48	121	143	127	155	141	174	84	87	57	-22.7%
	rate	*37.9*	*95.4*	*117.8*	*99.7*	*121.9*	*110.8*	*136.9*	*65.9*	*68.2*	*44.6*	(-31.9%, -12.4%)
Washtenaw County	*count*	416	569	524	574	619	528	436	369	421	317	-10.3%
	rate	*113.4*	*153.9*	*141.4*	*155.9*	*166.5*	*144.7*	*118.7*	*100.3*	*114.1*	*85.6*	(-14.7%, -5.7%)
Wayne County[9]	*count*	1,018	1,373	1,260	1,386	1,873	1,699	1,233	1,269	1,182	925	-11.8%
	rate	*101.5*	*136.8*	*125.4*	*138.4*	*179.4*	*161.9*	*118.1*	*121.8*	*112.8*	*88.0*	(-15.8%, -7.6%)
Western UP District[10]	*count*	9	10	11	7	6	11	9	10	7	4	
	rate	*13.2*	*14.7*	*16.3*	*10.8*	*8.9*	*16.1*	*13.2*	*14.7*	*10.3*	*5.9*	No significant change

8 - Northwest MI Com Hlth Agency serves Antrim, Charlevoix, Emmet and Otsego Counties.

9 - Excludes the City of Detroit

10 - Western UP District serves Baraga, Gogebic, Houghton, Keweenaw and Ontonagon Counties.

Annual Review of STI Trends in Michigan, 2016 - 2025 - P&S Syphilis

rates displayed per 100,000 population		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
Michigan Total	*count*	375	480	654	683	782	980	972	845	691	566	-13.5%
	rate	*3.8*	*4.8*	*6.5*	*6.8*	*7.8*	*9.8*	*9.7*	*8.4*	*6.8*	*5.6*	(-16.6%, -10.2%)

By Age[1]

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
Less than 15 years	*count*	0	2	2	1	0	1	0	0	1	2	No significant change
	rate	*0.0*	*0.1*	*0.1*	*0.1*	*0.0*	*0.1*	*0.0*	*0.0*	*0.1*	*0.1*	
15-19 years	*count*	31	39	29	33	29	41	48	32	28	16	-19.1%
	rate	*4.6*	*5.9*	*4.4*	*5.1*	*4.4*	*6.5*	*7.6*	*5.0*	*4.4*	*2.6*	(-27.7%, -9.6%)
20-24 years	*count*	95	103	129	102	121	168	129	112	82	63	-21.2%
	rate	*13.2*	*14.6*	*18.6*	*15.0*	*17.8*	*24.4*	*18.4*	*15.9*	*11.6*	*9.1*	(-25.9%, -16.2%)
25-29 years	*count*	94	107	158	164	175	185	166	167	117	86	-16.6%
	rate	*14.3*	*15.7*	*22.8*	*23.5*	*26.6*	*28.9*	*26.6*	*27.0*	*18.6*	*13.3*	(-22.7%, -10.1%)
30-39 years	*count*	72	105	169	190	223	306	328	304	266	227	-8.5%
	rate	*6.1*	*8.8*	*14.1*	*15.7*	*17.8*	*24.1*	*25.5*	*23.4*	*20.2*	*17.2*	(-12.2%, -4.7%)
40-49 years	*count*	41	77	94	105	119	146	160	135	112	101	-10.8%
	rate	*3.3*	*6.4*	*7.9*	*8.9*	*10.1*	*12.6*	*13.8*	*11.6*	*9.5*	*8.5*	(-15.6%, -5.8%)
50-59 years	*count*	30	36	53	64	85	88	97	73	53	49	-13.6%
	rate	*2.1*	*2.6*	*3.9*	*4.7*	*6.3*	*6.6*	*7.4*	*5.7*	*4.3*	*4.0*	(-19.8%, -6.8%)
60+ years	*count*	12	11	20	24	30	45	44	22	32	22	-17.9%
	rate	*0.5*	*0.5*	*0.8*	*1.0*	*1.2*	*1.8*	*1.7*	*0.8*	*1.2*	*0.8*	(-26.5%, -8.4%)

By Race/Sex[1]

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
AI/AN Female	*count*	0	0	2	1	2	2	1	1	0	0	No significant change
	rate	*0.0*	*0.0*	*7.1*	*3.5*	*8.3*	*8.3*	*4.1*	*4.0*	*0.0*	*0.0*	
AI/AN Male	*count*	1	4	6	5	5	3	2	3	6	2	No significant change
	rate	*3.6*	*14.3*	*21.5*	*17.8*	*20.8*	*12.3*	*8.2*	*12.2*	*24.2*	*8.0*	
Asian/NH/PI Female	*count*	0	1	1	0	0	1	0	1	0	1	No significant change
	rate	*0.0*	*0.6*	*0.6*	*0.0*	*0.0*	*0.6*	*0.0*	*0.5*	*0.0*	*0.5*	
Asian/NH/PI Male	*count*	4	6	11	8	9	14	9	8	7	8	No significant change
	rate	*2.6*	*3.7*	*6.7*	*4.8*	*5.4*	*8.4*	*5.2*	*4.5*	*3.7*	*4.1*	
Black/AA Female	*count*	19	18	36	48	68	126	113	86	58	44	-23.2%
	rate	*2.6*	*2.5*	*5.0*	*6.6*	*9.5*	*17.6*	*15.9*	*12.1*	*8.1*	*6.2*	(-28.7%, -17.4%)
Black/AA Male	*count*	168	210	305	317	397	500	435	335	280	221	-18.4%
	rate	*25.7*	*32.1*	*46.7*	*48.6*	*60.9*	*77.1*	*67.4*	*52.0*	*43.5*	*34.3*	(-21.1%, -15.6%)
Hispanic Female	*count*	2	0	7	8	4	4	7	8	6	9	No significant change
	rate	*0.8*	*0.0*	*2.7*	*3.0*	*1.4*	*1.4*	*2.4*	*2.7*	*1.9*	*2.8*	
Hispanic Male	*count*	26	30	28	36	31	37	54	56	33	28	No significant change
	rate	*10.3*	*11.6*	*10.6*	*13.3*	*10.8*	*12.7*	*18.1*	*18.3*	*10.4*	*8.6*	
Multi/Other Female	*count*	0	0	2	0	0	3	2	4	5	5	No significant change
	rate	*0.0*	*0.0*	*1.8*	*0.0*	*0.0*	*1.6*	*1.1*	*2.1*	*2.6*	*2.5*	
Multi/Other Male	*count*	2	2	8	11	16	14	10	11	19	14	No significant change
	rate	*1.9*	*1.8*	*7.2*	*9.7*	*9.4*	*8.1*	*5.6*	*6.1*	*10.3*	*7.4*	
White Female	*count*	11	13	21	37	38	70	83	80	88	73	No significant change
	rate	*0.3*	*0.3*	*0.6*	*1.0*	*1.0*	*1.9*	*2.2*	*2.2*	*2.4*	*2.0*	
White Male	*count*	138	194	226	209	210	200	242	243	178	149	No significant change
	rate	*3.7*	*5.2*	*6.1*	*5.7*	*5.7*	*5.5*	*6.7*	*6.7*	*4.9*	*4.1*	

1 - Cases with missing data for characteristics were omitted from the respective analyses

By Exposure Factor *(population denominators not available)*

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
Het Female *(Women who have sex with men)*	*count*	31	25	56	83	100	177	170	152	123	93	-14.1% (-18.6%, -9.4%)
Het Male *(Men who have sex with women only)*	*count*	42	63	110	166	214	277	258	212	159	138	-16.7% (-20.4%, -12.9%)
MSM *(Men who have sex with men)*	*count*	269	337	396	344	387	376	379	284	245	192	-16.0% (-19.7%, -12.1%)
PWID *(People who inject drugs)*	*count*	5	7	16	25	16	21	22	25	17	16	No significant change

By residence at diagnosis (local health jurisdiction)

rates displayed per 100,000 population		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
Allegan County	*count*	1	4	1	2	3	6	8	2	3	8	No significant change
	rate	*0.9*	*3.4*	*0.9*	*1.7*	*2.5*	*5.0*	*6.6*	*1.6*	*2.4*	*6.5*	
Barry-Eaton	*count*	1	3	3	8	7	8	7	13	4	5	No significant change
	rate	*0.6*	*1.8*	*1.8*	*4.7*	*4.1*	*4.7*	*4.1*	*7.5*	*2.3*	*2.9*	
Bay County	*count*	0	5	6	1	2	3	3	4	3	5	No significant change
	rate	*0.0*	*4.8*	*5.8*	*1.0*	*1.9*	*2.9*	*2.9*	*3.9*	*2.9*	*4.9*	
Benzie-Leelanau	*count*	0	0	2	0	0	0	0	1	0	1	No significant change
	rate	*0.0*	*0.0*	*5.1*	*0.0*	*0.0*	*0.0*	*0.0*	*2.4*	*0.0*	*2.4*	
Berrien County	*count*	0	3	8	2	3	4	2	3	8	4	No significant change
	rate	*0.0*	*1.9*	*5.2*	*1.3*	*1.9*	*2.6*	*1.3*	*2.0*	*5.2*	*2.6*	
Branch-Hillsdale-St. Joseph	*count*	2	4	1	2	1	5	9	9	14	9	No significant change
	rate	*1.3*	*2.7*	*0.7*	*1.3*	*0.7*	*3.3*	*6.0*	*5.9*	*9.2*	*5.9*	
Calhoun County	*count*	1	3	1	5	7	12	13	12	10	20	No significant change
	rate	*0.7*	*2.2*	*0.7*	*3.7*	*5.2*	*9.0*	*9.7*	*9.0*	*7.5*	*15.0*	
Central Michigan District[2]	*count*	1	3	11	6	3	5	4	2	6	7	No significant change
	rate	*0.5*	*1.6*	*5.8*	*3.2*	*1.6*	*2.7*	*2.2*	*1.1*	*3.3*	*3.8*	
Chippewa County	*count*	0	0	2	4	1	1	1	2	0	0	No significant change
	rate	*0.0*	*0.0*	*5.3*	*10.7*	*2.7*	*2.8*	*2.8*	*5.5*	*0.0*	*0.0*	
Delta-Menominee	*count*	0	0	0	0	0	1	0	1	0	0	No significant change
	rate	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*1.7*	*0.0*	*1.7*	*0.0*	*0.0*	
Detroit City[3]	*count*	105	118	218	249	302	357	337	227	182	145	-21.0% (-25.0%, -17.0%)
	rate	*13.9*	*15.6*	*29.0*	*33.3*	*40.5*	*49.2*	*47.0*	*31.7*	*25.4*	*20.2*	
Dickinson-Iron	*count*	0	0	0	0	0	1	1	0	1	0	No significant change
	rate	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*2.7*	*2.8*	*0.0*	*2.7*	*0.0*	
District 2[4]	*count*	0	1	0	0	1	0	0	0	0	0	
	rate	*0.0*	*1.5*	*0.0*	*0.0*	*1.6*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	
District 4[5]	*count*	1	0	3	2	1	0	1	1	2	0	No significant change
	rate	*1.3*	*0.0*	*3.9*	*2.6*	*1.3*	*0.0*	*1.3*	*1.3*	*2.6*	*0.0*	
District 10[6]	*count*	2	3	4	2	4	5	12	4	4	2	No significant change
	rate	*0.8*	*1.1*	*1.5*	*0.8*	*1.5*	*1.9*	*4.5*	*1.5*	*1.5*	*0.7*	

2 - Central Michigan District serves Arenac, Clare, Gladwin, Isabella, Osceola and Roscommon Counties.

3 - Detroit LHD refers to Detroit City and Hamtramck, Highland Park, the Grosse Points and Harper Woods. Wayne LHD covers Western Wayne County for STIs.

4 - District 2 serves Alcona, Iosco, Oscoda and Ogemaw Counties.

5 - District 4 serves Alpena, Cheboygan, Montmorency and Presque Isle Counties.

6 - District 10 serves Crawford, Kalkaska, Lake, Manistee, Mason, Mecosta, Missaukee, Newaygo, Oceana and Wexford Counties.

By residence at diagnosis (local health jurisdiction)

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
rates displayed per 100,000 population												
Genesee County	*count*	16	21	10	23	26	18	41	42	27	23	No significant change
	rate	*3.9*	*5.2*	*2.5*	*5.7*	*6.4*	*4.4*	*10.2*	*10.5*	*6.7*	*5.7*	
Grand Traverse County	*count*	1	2	0	6	4	1	1	0	1	1	No significant change
	rate	*1.1*	*2.2*	*0.0*	*6.4*	*4.2*	*1.0*	*1.0*	*0.0*	*1.0*	*1.0*	
Huron County	*count*	1	0	0	0	1	1	0	0	0	0	
	rate	*3.2*	*0.0*	*0.0*	*0.0*	*3.2*	*3.2*	*0.0*	*0.0*	*0.0*	*0.0*	
Ingham County	*count*	14	29	28	26	33	21	22	34	19	11	No significant change
	rate	*4.8*	*9.9*	*9.6*	*8.9*	*11.6*	*7.7*	*7.7*	*11.9*	*6.6*	*3.8*	
Ionia County	*count*	1	0	1	5	2	3	2	3	2	3	No significant change
	rate	*1.6*	*0.0*	*1.6*	*7.7*	*3.0*	*4.5*	*3.0*	*4.5*	*3.0*	*4.5*	
Jackson County	*count*	3	8	9	6	9	4	9	28	20	9	No significant change
	rate	*1.9*	*5.0*	*5.7*	*3.8*	*5.6*	*2.5*	*5.6*	*17.5*	*12.5*	*5.6*	
Kalamazoo County	*count*	5	8	12	20	29	67	44	72	73	49	No significant change
	rate	*1.9*	*3.0*	*4.5*	*7.5*	*11.1*	*25.7*	*16.9*	*27.4*	*27.7*	*18.6*	
Kent County	*count*	26	34	29	25	37	64	51	69	65	59	No significant change
	rate	*4.0*	*5.2*	*4.4*	*3.8*	*5.6*	*9.7*	*7.7*	*10.4*	*9.7*	*8.7*	
Lapeer County	*count*	0	1	2	1	2	1	3	4	3	3	No significant change
	rate	*0.0*	*1.1*	*2.3*	*1.1*	*2.3*	*1.1*	*3.4*	*4.5*	*3.4*	*3.4*	
Lenawee County	*count*	0	4	5	1	1	2	3	4	2	1	No significant change
	rate	*0.0*	*4.1*	*5.1*	*1.0*	*1.0*	*2.0*	*3.1*	*4.1*	*2.0*	*1.0*	
Livingston County	*count*	4	2	1	2	5	3	3	6	6	2	No significant change
	rate	*2.1*	*1.1*	*0.5*	*1.0*	*2.6*	*1.5*	*1.5*	*3.0*	*3.0*	*1.0*	
Luce-Mack-Alger-School	*count*	1	1	0	0	0	0	0	0	1	1	
	rate	*2.9*	*2.9*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*3.0*	*2.9*	
Macomb County	*count*	27	44	73	55	79	91	74	76	32	45	-20.0%
	rate	*3.1*	*5.1*	*8.4*	*6.3*	*9.0*	*10.4*	*8.5*	*8.7*	*3.6*	*5.1*	(-29.0%, -9.0%)
Marquette County	*count*	0	0	0	1	0	0	4	2	3	0	No significant change
	rate	*0.0*	*0.0*	*0.0*	*1.5*	*0.0*	*0.0*	*6.0*	*3.0*	*4.4*	*0.0*	
Mid-Michigan District[7]	*count*	2	3	3	3	4	3	7	4	2	2	No significant change
	rate	*1.1*	*1.6*	*1.6*	*1.6*	*2.1*	*1.6*	*3.7*	*2.1*	*1.0*	*1.0*	
Midland County	*count*	1	1	0	3	1	0	4	3	3	1	No significant change
	rate	*1.2*	*1.2*	*0.0*	*3.6*	*1.2*	*0.0*	*4.8*	*3.6*	*3.6*	*1.2*	

7 - Mid-Michigan District serves Clinton, Gratiot and Montcalm Counties.

Annual Review of STI Trends in Michigan, 2016 - 2025 - P&S Syphilis

By residence at diagnosis (local health jurisdiction)

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
rates displayed per 100,000 population												
Monroe County	*count*	6	10	6	4	1	3	5	2	5	3	No significant change
	rate	*4.0*	*6.7*	*4.0*	*2.7*	*0.6*	*1.9*	*3.2*	*1.3*	*3.2*	*1.9*	
Muskegon County	*count*	2	4	0	1	3	5	20	11	24	15	No significant change
	rate	*1.2*	*2.3*	*0.0*	*0.6*	*1.7*	*2.8*	*11.4*	*6.2*	*13.5*	*8.4*	
Northwest MI Com Hlth Agency[8]	*count*	1	4	2	3	0	2	2	4	1	1	No significant change
	rate	*0.9*	*3.7*	*1.9*	*2.8*	*0.0*	*1.8*	*1.8*	*3.6*	*0.9*	*0.9*	
Oakland County	*count*	64	62	87	88	77	120	115	85	49	45	-24.0%
	rate	*5.1*	*4.9*	*6.9*	*7.0*	*6.1*	*9.4*	*9.0*	*6.7*	*3.8*	*3.5*	(-30.0%, -18.0%)
Ottawa County	*count*	5	1	6	3	7	8	4	9	12	10	No significant change
	rate	*1.8*	*0.3*	*2.1*	*1.0*	*2.4*	*2.7*	*1.3*	*3.0*	*3.9*	*3.2*	
Saginaw County	*count*	2	2	2	4	4	8	14	7	6	2	-25.0%
	rate	*1.0*	*1.0*	*1.0*	*2.1*	*2.1*	*4.2*	*7.4*	*3.7*	*3.2*	*1.1*	(-43.0%, -1.0%)
Sanilac County	*count*	2	0	0	1	1	0	0	0	0	0	
	rate	*4.8*	*0.0*	*0.0*	*2.4*	*2.5*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	
Shiawassee County	*count*	0	1	2	0	6	1	3	3	3	3	No significant change
	rate	*0.0*	*1.5*	*2.9*	*0.0*	*8.8*	*1.5*	*4.4*	*4.4*	*4.4*	*4.4*	
St Clair County	*count*	3	2	5	4	7	9	7	10	9	5	No significant change
	rate	*1.9*	*1.3*	*3.1*	*2.5*	*4.4*	*5.6*	*4.4*	*6.2*	*5.6*	*3.1*	
Tuscola County	*count*	0	0	0	0	1	0	0	0	0	1	
	rate	*0.0*	*0.0*	*0.0*	*0.0*	*1.9*	*0.0*	*0.0*	*0.0*	*0.0*	*1.9*	
Van Buren-Cass	*count*	1	1	1	2	4	3	4	2	6	10	40.0%
	rate	*0.8*	*0.8*	*0.8*	*1.6*	*3.1*	*2.4*	*3.1*	*1.6*	*4.7*	*7.8*	(4.0%, 88.0%)
Washtenaw County	*count*	17	28	25	24	31	35	41	24	24	13	-21.0%
	rate	*4.6*	*7.6*	*6.7*	*6.5*	*8.3*	*9.6*	*11.2*	*6.5*	*6.5*	*3.5*	(-30.0%, -10.0%)
Wayne County[9]	*count*	56	60	85	89	71	99	87	59	54	42	-20.0%
	rate	*5.6*	*6.0*	*8.5*	*8.9*	*6.8*	*9.4*	*8.3*	*5.7*	*5.2*	*4.0*	(-26.0%, -13.0%)
Western UP District[10]	*count*	0	0	0	0	1	0	4	1	2	0	No significant change
	rate	*0.0*	*0.0*	*0.0*	*0.0*	*1.5*	*0.0*	*5.9*	*1.5*	*2.9*	*0.0*	

8 - Northwest MI Com Hlth Agency serves Antrim, Charlevoix, Emmet and Otsego Counties.

9 - Excludes the City of Detroit

10 - Western UP District serves Baraga, Gogebic, Houghton, Keweenaw and Ontonagon Counties.

Annual Review of STI Trends in Michigan, 2016 - 2025 - Latent Syphilis

rates displayed per 100,000 population		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
Michigan Total	*count*	766	810	1,036	1,213	1,234	1,661	1,822	2,178	2,183	2,142	6.9%
	rate	*7.7*	*8.1*	*10.4*	*12.1*	*12.3*	*16.5*	*18.1*	*21.6*	*21.6*	*21.1*	(3.2%, 10.7%)

By Age[1]

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
Less than 15 years	*count*	0	0	1	0	2	0	1	0	2	0	No significant change
	rate	*0.0*	*0.0*	*0.1*	*0.0*	*0.1*	*0.0*	*0.1*	*0.0*	*0.1*	*0.0*	
15-19 years	*count*	39	32	45	46	36	54	61	61	59	48	No significant change
	rate	*5.8*	*4.8*	*6.9*	*7.1*	*5.4*	*8.5*	*9.6*	*9.6*	*9.4*	*7.7*	
20-24 years	*count*	126	118	150	157	162	246	244	309	248	237	No significant change
	rate	*17.6*	*16.7*	*21.6*	*23.0*	*23.9*	*35.8*	*34.8*	*43.8*	*35.2*	*34.2*	
25-29 years	*count*	168	165	209	293	235	297	365	373	420	342	No significant change
	rate	*25.6*	*24.3*	*30.1*	*42.0*	*35.8*	*46.4*	*58.5*	*60.2*	*66.9*	*53.0*	
30-39 years	*count*	179	232	296	348	384	595	620	812	866	866	10.1%
	rate	*15.2*	*19.5*	*24.6*	*28.7*	*30.6*	*46.8*	*48.2*	*62.5*	*65.8*	*65.4*	(6.0%, 14.4%)
40-49 years	*count*	152	161	198	199	232	244	287	337	330	365	8.6%
	rate	*12.4*	*13.3*	*16.6*	*16.9*	*19.8*	*21.0*	*24.8*	*28.9*	*28.0*	*30.6*	(4.8%, 12.6%)
50-59 years	*count*	80	81	102	126	137	155	172	201	177	172	5.0%
	rate	*5.6*	*5.8*	*7.4*	*9.3*	*10.1*	*11.6*	*13.2*	*15.8*	*14.3*	*14.2*	(0.1%, 10.2%)
60+ years	*count*	22	21	35	44	46	70	72	85	81	112	9.7%
	rate	*1.0*	*0.9*	*1.5*	*1.8*	*1.8*	*2.7*	*2.8*	*3.2*	*3.0*	*4.1*	(2.4%, 17.4%)

By Race/Sex[1]

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
AI/AN Female	*count*	0	0	0	2	2	1	9	5	5	6	No significant change
	rate	*0.0*	*0.0*	*0.0*	*7.0*	*8.3*	*4.1*	*36.8*	*20.2*	*20.1*	*23.9*	
AI/AN Male	*count*	4	1	4	2	7	4	8	10	7	8	No significant change
	rate	*14.4*	*3.6*	*14.3*	*7.1*	*29.1*	*16.5*	*32.6*	*40.5*	*28.3*	*32.1*	
Asian/NH/PI Female	*count*	3	4	4	3	4	1	4	5	3	2	No significant change
	rate	*1.9*	*2.4*	*2.4*	*1.8*	*2.3*	*0.6*	*2.2*	*2.7*	*1.5*	*1.0*	
Asian/NH/PI Male	*count*	11	9	12	11	7	17	12	17	12	20	No significant change
	rate	*7.1*	*5.6*	*7.3*	*6.6*	*4.2*	*10.2*	*7.0*	*9.5*	*6.3*	*10.2*	
Black/AA Female	*count*	84	102	118	173	173	254	272	341	327	301	No significant change
	rate	*11.6*	*14.1*	*16.3*	*23.9*	*24.1*	*35.6*	*38.2*	*47.9*	*45.8*	*42.1*	
Black/AA Male	*count*	361	370	468	517	501	672	718	838	775	847	5.6%
	rate	*55.2*	*56.6*	*71.7*	*79.3*	*76.9*	*103.7*	*111.2*	*130.2*	*120.3*	*131.3*	(2.4%, 8.8%)
Hispanic Female	*count*	4	13	8	17	22	23	37	67	93	88	36.0%
	rate	*1.6*	*5.2*	*3.1*	*6.5*	*7.8*	*8.1*	*12.6*	*22.3*	*29.9*	*27.6*	(20.0%, 54.1%)
Hispanic Male	*count*	33	49	60	67	69	75	90	145	152	134	14.1%
	rate	*13.0*	*18.9*	*22.6*	*24.7*	*24.1*	*25.8*	*30.2*	*47.4*	*47.7*	*41.1*	(3.2%, 26.2%)
Multi/Other Female	*count*	5	0	0	6	5	12	13	15	20	28	22.9%
	rate	*4.6*	*0.0*	*0.0*	*5.2*	*2.8*	*6.6*	*7.0*	*8.0*	*10.4*	*14.3*	(5.4%, 43.2%)
Multi/Other Male	*count*	8	5	12	13	13	42	33	36	41	32	No significant change
	rate	*7.6*	*4.6*	*10.8*	*11.4*	*7.6*	*24.2*	*18.6*	*19.9*	*22.2*	*16.9*	
White Female	*count*	30	37	52	77	99	167	197	240	262	258	12.0%
	rate	*0.8*	*1.0*	*1.4*	*2.0*	*2.7*	*4.5*	*5.3*	*6.5*	*7.1*	*7.0*	(7.3%, 16.8%)
White Male	*count*	210	208	297	315	316	356	388	404	430	364	No significant change
	rate	*5.7*	*5.6*	*8.0*	*8.5*	*8.6*	*9.8*	*10.7*	*11.1*	*11.9*	*10.1*	

1 - Cases with missing data for characteristics were omitted from the respective analyses

By Exposure Factor *(population denominators not available)*

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
Het Female *(Women who have sex with men)*	*count*	96	118	145	194	214	325	387	409	431	405	5.4% (1.7%, 9.3%)
Het Male *(Men who have sex with women only)*	*count*	100	100	127	157	180	174	228	169	191	166	No significant change
MSM *(Men who have sex with men)*	*count*	341	383	487	532	445	522	483	347	327	275	-15.5% (-18.4%, -12.5%)
PWID *(People who inject drugs)*	*count*	7	9	23	38	34	36	29	37	19	31	No significant change

By residence at diagnosis (local health jurisdiction)

rates displayed per 100,000 population		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
Allegan County	*count*	6	4	6	5	8	7	12	11	7	10	No significant change
	rate	*5.2*	*3.4*	*5.1*	*4.2*	*6.6*	*5.8*	*9.9*	*9.0*	*5.7*	*8.1*	
Barry-Eaton	*count*	2	6	11	18	11	15	11	25	19	16	No significant change
	rate	*1.2*	*3.5*	*6.4*	*10.5*	*6.4*	*8.7*	*6.4*	*14.5*	*11.0*	*9.2*	
Bay County	*count*	2	4	8	3	1	9	5	6	7	9	No significant change
	rate	*1.9*	*3.8*	*7.7*	*2.9*	*1.0*	*8.7*	*4.9*	*5.8*	*6.8*	*8.8*	
Benzie-Leelanau	*count*	0	0	0	0	3	2	0	2	0	1	No significant change
	rate	*0.0*	*0.0*	*0.0*	*0.0*	*7.4*	*5.1*	*0.0*	*4.8*	*0.0*	*2.4*	
Berrien County	*count*	5	14	17	7	6	8	16	16	24	23	25.2% (7.3%, 46.0%)
	rate	*3.2*	*9.1*	*11.0*	*4.6*	*3.9*	*5.2*	*10.5*	*10.5*	*15.7*	*15.1*	
Branch-Hillsdale-St. Joseph	*count*	5	5	5	6	2	1	13	7	28	24	68.5% (17.4%, 142.0%)
	rate	*3.3*	*3.3*	*3.3*	*4.0*	*1.3*	*0.7*	*8.6*	*4.6*	*18.3*	*15.7*	
Calhoun County	*count*	8	5	6	14	13	17	18	31	36	36	23.0% (9.0%, 39.0%)
	rate	*6.0*	*3.7*	*4.5*	*10.5*	*9.7*	*12.7*	*13.5*	*23.3*	*26.9*	*27.0*	
Central Michigan District[2]	*count*	3	2	3	2	10	5	14	3	6	7	No significant change
	rate	*1.6*	*1.1*	*1.6*	*1.1*	*5.5*	*2.7*	*7.6*	*1.6*	*3.3*	*3.8*	
Chippewa County	*count*	0	1	7	4	2	2	3	3	2	2	No significant change
	rate	*0.0*	*2.7*	*18.7*	*10.7*	*5.4*	*5.6*	*8.3*	*8.3*	*5.5*	*5.5*	
Delta-Menominee	*count*	0	0	0	2	1	1	3	3	3	2	No significant change
	rate	*0.0*	*0.0*	*0.0*	*3.4*	*1.7*	*1.7*	*5.2*	*5.0*	*5.0*	*3.4*	
Detroit City[3]	*count*	281	308	370	441	453	598	595	682	597	604	No significant change
	rate	*37.1*	*40.8*	*49.3*	*58.9*	*60.7*	*82.4*	*83.0*	*95.2*	*83.2*	*84.2*	
Dickinson-Iron	*count*	0	0	1	0	2	3	1	0	2	1	No significant change
	rate	*0.0*	*0.0*	*2.7*	*0.0*	*5.4*	*8.0*	*2.8*	*0.0*	*5.3*	*2.7*	
District 2[4]	*count*	0	0	1	1	0	1	0	3	2	1	No significant change
	rate	*0.0*	*0.0*	*1.5*	*1.5*	*0.0*	*1.5*	*0.0*	*4.6*	*3.0*	*1.5*	
District 4[5]	*count*	1	2	0	1	0	0	0	2	2	3	No significant change
	rate	*1.3*	*2.6*	*0.0*	*1.3*	*0.0*	*0.0*	*0.0*	*2.6*	*2.6*	*3.9*	
District 10[6]	*count*	3	2	6	13	18	21	11	13	19	25	No significant change
	rate	*1.1*	*0.8*	*2.3*	*4.9*	*6.9*	*7.9*	*4.1*	*4.8*	*7.0*	*9.2*	

2 - Central Michigan District serves Arenac, Clare, Gladwin, Isabella, Osceola and Roscommon Counties.

3 - Detroit LHD refers to Detroit City and Hamtramck, Highland Park, the Grosse Points and Harper Woods. Wayne LHD covers Western Wayne County for STIs.

4 - District 2 serves Alcona, Iosco, Oscoda and Ogemaw Counties.

5 - District 4 serves Alpena, Cheboygan, Montmorency and Presque Isle Counties.

6 - District 10 serves Crawford, Kalkaska, Lake, Manistee, Mason, Mecosta, Missaukee, Newaygo, Oceana and Wexford Counties.

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By residence at diagnosis (local health jurisdiction)

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
rates displayed per 100,000 population												
Genesee County	*count*	26	29	25	36	42	43	77	114	89	124	23.7%
	rate	*6.4*	*7.1*	*6.1*	*8.9*	*10.4*	*10.6*	*19.2*	*28.4*	*22.2*	*30.9*	(9.0%, 40.0%)
Grand Traverse County	*count*	0	0	3	2	2	3	6	3	7	6	No significant change
	rate	*0.0*	*0.0*	*3.2*	*2.1*	*2.1*	*3.1*	*6.2*	*3.1*	*7.3*	*6.2*	
Huron County	*count*	0	0	0	0	0	0	2	0	0	0	No significant change
	rate	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*6.4*	*0.0*	*0.0*	*0.0*	
Ingham County	*count*	15	28	57	53	48	60	50	67	60	67	No significant change
	rate	*5.2*	*9.6*	*19.6*	*18.2*	*16.8*	*22.1*	*17.6*	*23.4*	*20.9*	*23.1*	
Ionia County	*count*	0	3	2	5	0	3	5	4	13	10	39.0%
	rate	*0.0*	*4.7*	*3.1*	*7.7*	*0.0*	*4.5*	*7.5*	*6.0*	*19.6*	*15.0*	(8.2%, 79.0%)
Jackson County	*count*	10	8	17	28	33	44	92	119	167	165	35.9%
	rate	*6.3*	*5.0*	*10.7*	*17.7*	*20.6*	*27.5*	*57.6*	*74.6*	*104.6*	*103.4*	(21.5%, 52.0%)
Kalamazoo County	*count*	19	22	23	25	32	67	62	83	106	116	17.6%
	rate	*7.3*	*8.4*	*8.7*	*9.4*	*12.2*	*25.7*	*23.7*	*31.6*	*40.3*	*44.0*	(9.9%, 26.0%)
Kent County	*count*	58	70	67	80	105	96	103	152	181	155	15.4%
	rate	*9.0*	*10.8*	*10.3*	*12.2*	*15.9*	*14.6*	*15.6*	*22.9*	*27.0*	*23.0*	(6.3%, 25.0%)
Lapeer County	*count*	1	0	3	1	7	1	2	7	6	3	No significant change
	rate	*1.1*	*0.0*	*3.4*	*1.1*	*7.9*	*1.1*	*2.3*	*7.9*	*6.7*	*3.4*	
Lenawee County	*count*	2	2	10	0	5	7	6	12	3	4	No significant change
	rate	*2.0*	*2.0*	*10.2*	*0.0*	*5.0*	*7.1*	*6.1*	*12.3*	*3.1*	*4.1*	
Livingston County	*count*	3	3	3	9	3	7	12	7	8	8	No significant change
	rate	*1.6*	*1.6*	*1.6*	*4.7*	*1.5*	*3.6*	*6.1*	*3.6*	*4.1*	*4.1*	
Luce-Mack-Alger-School	*count*	2	1	0	2	2	0	2	3	1	4	No significant change
	rate	*5.9*	*2.9*	*0.0*	*5.9*	*5.9*	*0.0*	*5.9*	*8.8*	*3.0*	*11.7*	
Macomb County	*count*	52	61	69	81	82	137	130	159	147	117	No significant change
	rate	*6.0*	*7.0*	*7.9*	*9.3*	*9.3*	*15.6*	*14.9*	*18.1*	*16.7*	*13.2*	
Marquette County	*count*	1	0	0	2	1	2	2	3	3	2	No significant change
	rate	*1.5*	*0.0*	*0.0*	*3.0*	*1.5*	*3.0*	*3.0*	*4.4*	*4.4*	*2.9*	
Mid-Michigan District[7]	*count*	3	4	2	6	14	11	10	14	23	20	21.9%
	rate	*1.7*	*2.2*	*1.1*	*3.3*	*7.5*	*5.8*	*5.3*	*7.4*	*12.1*	*10.5*	(3.7%, 43.0%)
Midland County	*count*	1	2	2	3	1	2	3	3	4	5	No significant change
	rate	*1.2*	*2.4*	*2.4*	*3.6*	*1.2*	*2.4*	*3.6*	*3.6*	*4.8*	*6.0*	

7 - Mid-Michigan District serves Clinton, Gratiot and Montcalm Counties.

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By residence at diagnosis (local health jurisdiction)

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2021-2025 Avg. Annual Change (95% CI)
rates displayed per 100,000 population												
Monroe County	*count*	7	5	5	5	7	9	12	9	11	10	No significant change
	rate	*4.7*	*3.3*	*3.3*	*3.3*	*4.5*	*5.8*	*7.7*	*5.8*	*7.1*	*6.4*	
Muskegon County	*count*	9	9	18	12	8	15	39	25	41	44	20.6% (3.2%, 41.0%)
	rate	*5.2*	*5.2*	*10.4*	*6.9*	*4.6*	*8.5*	*22.2*	*14.2*	*23.1*	*24.7*	
Northwest MI Com Hlth Agency[8]	*count*	1	3	3	3	7	4	3	5	9	6	No significant change
	rate	*0.9*	*2.8*	*2.8*	*2.8*	*6.4*	*3.6*	*2.7*	*4.5*	*8.1*	*5.4*	
Oakland County	*count*	104	85	127	149	138	196	181	204	187	152	No significant change
	rate	*8.3*	*6.8*	*10.1*	*11.8*	*10.8*	*15.4*	*14.2*	*16.0*	*14.6*	*11.8*	
Ottawa County	*count*	7	5	8	11	16	18	19	18	30	25	No significant change
	rate	*2.5*	*1.7*	*2.8*	*3.8*	*5.4*	*6.0*	*6.3*	*5.9*	*9.8*	*8.1*	
Saginaw County	*count*	8	4	7	8	6	10	33	26	32	45	27.8% (9.3%, 49.0%)
	rate	*4.2*	*2.1*	*3.7*	*4.2*	*3.2*	*5.3*	*17.5*	*13.8*	*17.0*	*24.0*	
Sanilac County	*count*	0	2	0	2	0	0	1	2	3	1	No significant change
	rate	*0.0*	*4.8*	*0.0*	*4.9*	*0.0*	*0.0*	*2.5*	*5.0*	*7.5*	*2.5*	
Shiawassee County	*count*	0	0	0	2	4	9	4	3	7	9	No significant change
	rate	*0.0*	*0.0*	*0.0*	*2.9*	*5.9*	*13.2*	*5.9*	*4.4*	*10.3*	*13.3*	
St Clair County	*count*	5	5	4	6	5	9	10	16	15	9	No significant change
	rate	*3.1*	*3.1*	*2.5*	*3.8*	*3.1*	*5.6*	*6.3*	*10.0*	*9.4*	*5.6*	
Tuscola County	*count*	0	0	1	0	1	1	1	1	2	1	No significant change
	rate	*0.0*	*0.0*	*1.9*	*0.0*	*1.9*	*1.9*	*1.9*	*1.9*	*3.8*	*1.9*	
Van Buren-Cass	*count*	3	2	4	4	9	7	1	14	14	16	37.1% (3.1%, 82.0%)
	rate	*2.4*	*1.6*	*3.3*	*3.1*	*7.1*	*5.5*	*0.8*	*11.0*	*11.0*	*12.5*	
Washtenaw County	*count*	32	27	28	52	30	39	69	78	76	98	18.8% (10.3%, 28.0%)
	rate	*8.7*	*7.3*	*7.6*	*14.1*	*8.1*	*10.7*	*18.8*	*21.2*	*20.6*	*26.5*	
Wayne County[9]	*count*	79	73	107	109	95	168	179	215	183	155	No significant change
	rate	*7.9*	*7.3*	*10.7*	*10.9*	*9.1*	*16.0*	*17.1*	*20.6*	*17.5*	*14.7*	
Western UP District[10]	*count*	1	4	0	0	1	3	4	5	1	1	No significant change
	rate	*1.5*	*5.9*	*0.0*	*0.0*	*1.5*	*4.4*	*5.9*	*7.3*	*1.5*	*1.5*	

8 - Northwest MI Com Hlth Agency serves Antrim, Charlevoix, Emmet and Otsego Counties.

9 - Excludes the City of Detroit

10 - Western UP District serves Baraga, Gogebic, Houghton, Keweenaw and Ontonagon Counties.

Appendix: Local Health Department (LHD) Total Population Estimates (from the Census Bureau's annual American Community Survey)

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Michigan Total	9,954,117	9,976,752	9,987,286	9,984,795	10,072,294	10,042,362	10,043,906	10,062,124	10,099,962	10,127,884
Allegan County	115,018	116,393	117,137	118,045	120,666	121,082	121,299	121,935	122,567	123,188
Barry-Eaton	169,021	170,168	170,879	171,600	171,773	171,999	172,230	172,764	173,189	173,572
Bay County	104,421	104,085	103,674	102,964	103,739	103,115	102,736	102,693	102,432	102,123
Benzie-Leelanau	39,031	39,263	39,410	39,459	40,314	39,202	41,233	41,403	41,341	41,550
Berrien County	154,451	154,264	153,892	153,352	154,395	153,609	152,991	152,384	152,394	152,444
Branch-Hillsdale-St. Joseph	150,001	149,879	149,991	149,818	151,540	151,710	151,122	152,199	152,741	152,699
Calhoun County	134,343	134,127	133,858	133,806	134,198	133,907	133,439	133,331	133,611	133,408
Central Michigan District[1]	188,862	188,838	188,567	188,273	182,106	182,756	183,538	184,091	182,968	184,809
Chippewa County	37,724	37,699	37,423	37,287	36,793	35,852	36,204	36,276	36,109	36,081
Delta-Menominee	59,434	58,914	58,795	58,516	60,331	60,175	57,518	59,967	59,835	59,523
Detroit City*	757,990	754,183	751,228	748,559	745,712	726,003	717,156	716,365	717,765	717,765
Dickinson-Iron	36,699	36,565	36,525	34,758	36,931	37,430	35,538	37,777	37,691	37,584
District 2[2]	64,334	64,608	64,684	64,948	64,384	64,749	65,106	65,503	65,647	65,666
District 4[3]	76,050	75,859	75,968	75,628	76,636	75,582	77,667	77,867	77,782	76,625
District 10[4]	261,623	263,174	264,613	265,426	262,475	265,244	267,348	268,759	269,719	271,131
Genesee County	409,054	407,673	406,626	405,702	405,746	404,694	401,952	401,351	401,288	401,093
Grand Traverse County	92,076	91,914	92,587	93,032	95,428	96,007	96,330	96,375	96,464	96,729
Huron County	31,471	31,304	31,193	30,904	31,378	31,332	31,153	30,944	30,741	30,530
Ingham County	289,633	291,678	291,267	291,426	285,005	271,708	284,388	286,405	287,390	289,709
Ionia County	64,215	64,293	64,290	64,654	66,871	66,854	66,764	66,122	66,309	66,557
Jackson County	158,345	158,653	158,594	158,357	160,215	160,195	159,780	159,607	159,588	159,552
Kalamazoo County	261,584	263,387	265,120	265,531	261,780	260,596	261,121	262,460	263,122	263,795
Kent County	644,219	649,722	653,636	656,800	658,508	659,070	659,818	663,819	670,412	675,232
Lapeer County	88,227	88,218	87,987	87,808	88,595	88,714	88,705	89,038	89,275	89,516
Lenawee County	98,595	98,511	98,118	98,519	99,348	99,181	98,296	97,710	97,825	97,779
Livingston County	188,585	189,923	191,259	192,058	193,974	195,367	196,097	196,731	196,886	197,315
Luce-Mack-Alger-School	34,135	34,292	34,238	33,894	34,126	32,918	34,186	34,225	33,625	34,210
Macomb County	868,329	870,867	872,089	872,389	880,240	877,873	875,065	877,396	882,497	886,221
Marquette County	66,563	66,524	66,406	66,689	66,542	66,353	67,062	67,556	67,816	68,064
Midland County	83,485	83,442	83,447	83,412	83,488	83,509	83,721	83,915	83,768	83,754
Mid-Michigan District[5]	181,564	183,081	183,665	184,004	187,484	188,135	188,109	189,601	190,623	191,028
Monroe County	149,278	149,523	150,218	150,412	154,912	155,587	155,376	155,563	155,870	156,004
Muskegon County	173,342	173,804	173,719	173,645	174,783	175,570	175,458	176,299	177,225	177,901
Northwest MI Com Hlth Agency[6]	106,634	107,127	107,429	107,562	108,748	109,723	110,183	110,351	110,628	110,589
Oakland County	1,251,563	1,256,478	1,257,472	1,257,726	1,272,524	1,273,070	1,272,787	1,274,993	1,282,549	1,288,337
Ottawa County	283,686	286,452	289,578	291,460	296,893	298,369	300,837	303,565	306,190	308,459
Saginaw County	192,636	192,002	190,841	190,484	189,853	189,479	188,392	187,758	187,762	187,688
Sanilac County	41,438	41,257	41,233	41,220	40,499	40,536	40,506	40,389	40,238	40,083
Shiawassee County	68,589	68,422	68,064	68,065	67,990	67,989	67,955	67,916	67,828	67,681
St Clair County	159,477	159,130	159,186	159,339	160,386	160,268	159,886	160,279	160,304	160,486
Tuscola County	53,260	52,817	52,692	52,355	53,324	53,065	52,933	52,880	52,823	52,680
Van Buren-Cass	126,609	126,830	121,437	127,441	127,127	127,251	127,103	127,479	127,633	127,748
Washtenaw County	366,960	369,703	370,548	368,242	371,814	364,941	367,307	367,845	368,956	370,214
Wayne County[7]	1,002,845	1,003,691	1,004,640	1,001,534	1,043,922	1,049,400	1,044,439	1,042,016	1,047,769	1,051,273
Western UP District[8]	68,295	68,015	67,293	64,994	67,606	68,134	68,197	68,222	68,209	68,305

* Complete city population estimates are released by the Census Bureau on a different schedule than county estimates, and the 2025 population estimate shown for Detroit City is not yet available, so 2024 data is used.

1. Central Michigan District serves Arenac, Clare, Gladwin, Isabella, Osceola and Roscommon Counties.
2. District 2 serves Alcona, Iosco, Oscoda and Ogemaw Counties.
3. District 4 serves Alpena, Cheboygan, Montmorency and Presque Isle Counties.
4. District 10 serves Crawford, Kalkaska, Lake, Manistee, Mason, Mecosta, Missaukee, Newaygo, Oceana and Wexford Counties.
5. Mid-Michigan District serves Clinton, Gratiot and Montcalm Counties.
6. Northwest MI Com Hlth Agency serves Antrim, Charlevoix, Emmet and Otsego Counties.
7. Excludes the City of Detroit
8. Western UP District serves Baraga, Gogebic, Houghton, Keweenaw and Ontonagon Counties.