

# STI & HIV Co-infections in Michigan, 2024

All data as of July 15, 2025

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



[HIV & STIs in Michigan](#)

[STI/HIV Operations and  
Resource System \(SHOARS\)](#)

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## Overview

Michigan's Bureau of HIV and STI Programs collects, interprets, and disseminates population level data regarding persons with sexually transmitted infections (STIs). Data are collected in the Michigan Disease Surveillance System (MDSS) or the enhanced HIV/AIDS Registry System (eHARS), where reports from laboratories, private providers, and local public health give information about diagnosis, demographics, and patient behaviors.

STIs and HIV affect many of the same people and populations, and coinfection with an STI is a major transmission risk factor for people living with HIV as it increases the amount of virus in genital secretions. Looking at where coinfections occur and the HIV care outcomes of coinfecting people may help inform health service delivery and targeted prevention strategies for STI/HIV programs as they highlight a priority population of people who are not adequately engaged in HIV care (i.e., not maintained undetectable), but are participating in unprotected sex, and seeking some level of medical care for their STI diagnosis and treatment. Co-diagnoses also present an opportunity to intervene in multiple disease transmissions at once.

## Key Definitions and Abbreviations

Diagnoses:	The number of STI cases newly diagnosed over a year. The diagnosis date for an STI case is the date that the original STI test was performed, when available. If the STI test date is unavailable, then the diagnosis date is the date that the STI case was reported to the health department.
HIV Prevalence:	The number of persons living with HIV at the end of the year.
PWH:	People with HIV.
P&S Syphilis:	Primary and secondary, or the earliest stages of syphilis infection.
Latent Syphilis:	Includes early and late latent diagnoses as well as unknown duration.
Co-infected:	When both STI and HIV infection are present at the same time. Requires HIV diagnosis to be on or before the date of STI diagnosis.
Co-diagnosed:	When one STI and another STI (such as HIV) are both diagnosed within 30 days of each other, regardless of which is diagnosed first. May include cases which are not counted as a coinfection due to HIV diagnosis coming after STI.
PrEP:	Pre-exposure prophylaxis, or PrEP, is a way for people who do not have HIV but who are most likely to be exposed to HIV to prevent HIV infection by taking a pill every day. Currently, PrEP utilization data is only collected from HIV negative persons with a syphilis diagnosis.
LHD:	Local Health Department.

### Exposure Factor Categories and Hierarchy (based on sex assigned at birth)

MSM/PWID:	Men who have sex with men and also inject drugs.
MSM:	Men who have sex with men.
PWID:	Persons who inject drugs.
MSW:	Men who have sex with women (men who are not MSM or PWID and reported sex with women).
WSM:	Women who have sex with men (females who are not a PWID and reported sex with a male).

*A note about counts: HIV is a chronic condition, and each diagnosis represents one unique person. STIs, in contrast, are curable, and patients can be diagnosed with multiple STIs in a given year or even re-infected with the same STI multiple times. Therefore, STI diagnosis counts exceed the number of unique patients. For this reason, STI co-infection counts for the year may exceed the number of unique persons with a reported STI co-infection that year.*

Table 1: Primary and Secondary Syphilis-HIV Co-infections, 2024

Stratification	Diagnosis Count	Diagnoses of P&S Syphilis, 2024		
		People with HIV		HIV negative
		Co-infected with HIV <sup>1</sup> n (%)	Co-diagnosed with HIV <sup>2</sup> n (%)	On PrEP <sup>3</sup> n (%)
Michigan Total	691	141 (20%)	24 (3%)	44 (6%)
<b>Age</b>				
14 years and under	1	1 (100%)	1 (100%)	0
15-19 years	28	0	1 (4%)	0
20-24 years	82	10 (12%)	4 (5%)	7 (9%)
25-29 years	117	25 (21%)	11 (9%)	5 (4%)
30-39 years	266	66 (25%)	6 (2%)	21 (8%)
40-49 years	112	23 (21%)	1 (1%)	6 (5%)
50-59 years	53	12 (23%)	0	4 (8%)
60+ years	32	4 (13%)	0	1 (3%)
<b>Race/Sex at birth<sup>4</sup></b>				
Black Female	57	1 (2%)	0	0
Black Male	284	85 (30%)	16 (6%)	12 (4%)
Hispanic Female	6	0	-	0
Hispanic Male	34	10 (29%)	3 (9%)	3 (9%)
Other Female	5	0	0	0
Other Male	27	4 (15%)	1 (4%)	4 (15%)
White Female	88	1 (1%)	1 (1%)	0
White Male	178	39 (22%)	3 (2%)	24 (13%)
Unknown Female	4	0	0	0
Unknown Male	8	1 (13%)	0	1 (13%)
<b>Exposure Factor</b>				
MSM/PWID	12	9 (75%)	1 (8%)	0
MSM	279	120 (43%)	20 (7%)	38 (14%)
PWID	11	0	0	0
MSW	146	2 (1%)	0	2 (1%)
WSM	123	2 (2%)	1 (1%)	0
Unknown/Other	120	8 (7%)	2 (2%)	4 (3%)
<b>Local Health Jurisdiction</b>				
Allegan County	3	1 (33%)	0	0
Barry-Eaton	4	0	0	0
Bay County	3	0	0	2 (67%)
Benzie-Leelanau	0	0	0	0
Berrien County	8	1 (13%)	1 (13%)	1 (13%)
Branch-Hillsdale-St. Joseph	14	2 (14%)	1 (7%)	1 (7%)
Calhoun County	10	2 (20%)	0	0
Central Michigan District	6	3 (50%)	0	0
Chippewa County	0	0	0	0
Delta-Menominee	0	0	0	0
Detroit LHD <sup>5</sup>	182	50 (27%)	10 (5%)	9 (5%)

LHD Jurisdictions continued on next page

- Persons with HIV diagnosis on or prior to the date of any STI diagnosis (chlamydia, gonorrhea, or syphilis)
- Persons with an HIV diagnosis within 30 days of STI diagnosis (can be before or after or same date)
- HIV negative status and PrEP status derived from syphilis partner services field record; percentage displayed is out of all people diagnosed with the STI (Diagnosis)
- Am Indian/AN, Asian/NH/PI, Multi/Other included in 'Other' category
- Detroit LHD refers to Detroit City and Hamtramck, Highland Park, the Grosse Points, and Harper Woods. Detroit LHD population estimate is from 2023, the most recently available complete data from the Census Bureau

Table 1: Primary and Secondary Syphilis-HIV Co-infections, 2024 (continued)

Local Health Jurisdiction	Diagnosis Count	Diagnoses of P&S Syphilis, 2024		
		People with HIV		HIV negative, on PrEP <sup>3</sup> n (%)
		Co-infected with HIV <sup>1</sup> n (%)	Co-diagnosed with HIV <sup>2</sup> n (%)	
Dickinson-Iron	1	0	0	0
District 2	0	0	0	0
District 4	2	1 (50%)	0	0
District 10	4	1 (25%)	0	2 (50%)
Genesee County	27	4 (15%)	1 (4%)	0
Grand Traverse County	1	0	0	0
Huron County	0	0	0	0
Ingham County	19	2 (11%)	1 (5%)	1 (5%)
Ionia County	2	0	0	0
Jackson County	20	1 (5%)	0	0
Kalamazoo County	73	5 (7%)	0	3 (4%)
Kent County	65	12 (18%)	5 (8%)	7 (11%)
Lapeer County	3	2 (67%)	0	0
Lenawee County	2	1 (50%)	0	0
Livingston County	6	0	0	0
Luce-Mack-Alger-School	1	0	0	0
Macomb County	32	7 (22%)	1 (3%)	2 (6%)
Marquette County	3	1 (33%)	0	0
Midland County	3	0	0	0
Mid-Michigan District	2	0	0	0
Monroe County	5	3 (60%)	0	0
Muskegon County	24	3 (13%)	0	0
Northwest MI Com Hlth Agency	1	0	0	0
Oakland County	49	11 (22%)	2 (4%)	7 (14%)
Ottawa County	12	3 (25%)	1 (8%)	0
Saginaw County	6	2 (33%)	0	0
Sanilac County	0	0	0	0
Shiawassee County	3	0	0	0
St Clair County	9	2 (22%)	0	0
Tuscola County	0	0	0	0
Van Buren-Cass	6	3 (50%)	0	0
Washtenaw County	24	6 (25%)	1 (4%)	2 (8%)
Wayne County LHD <sup>6</sup>	54	12 (22%)	0	7 (13%)
Western UP District	2	0	0	0

1. Persons with HIV diagnosis on or prior to the date of any STI diagnosis (chlamydia, gonorrhea, or syphilis)

2. Persons with an HIV diagnosis within 30 days of STI diagnosis (can be before or after or same date)

3. HIV negative status and PrEP status derived from syphilis partner services field record; percentage displayed is out of all people diagnosed with the STI (Diagnosis Count).

6. Excludes the City of Detroit

Table 2: Latent Syphilis-HIV Co-infections, 2024

Stratification	Diagnosis Count	Diagnoses of Latent Syphilis, 2024		
		People Living with HIV		HIV negative, on PrEP <sup>3</sup>
		Co-infected with HIV <sup>1</sup>	Co-diagnosed with HIV <sup>2</sup>	
		n (%)	n (%)	n (%)
Michigan Total	2,183	523 (24%)	81 (4%)	8 (0%)
<b>Age</b>				
14 years and under	2	0	0	0
15-19 years	59	7 (12%)	3 (5%)	0
20-24 years	248	40 (16%)	10 (4%)	4 (2%)
25-29 years	420	80 (19%)	14 (3%)	0
30-39 years	866	220 (25%)	37 (4%)	3 (0%)
40-49 years	330	94 (28%)	11 (3%)	1 (0%)
50-59 years	177	62 (35%)	5 (3%)	0
60+ years	81	20 (25%)	1 (1%)	0
<b>Race/Sex at birth<sup>4</sup></b>				
Black Female	330	10 (3%)	6 (2%)	3 (1%)
Black Male	776	312 (40%)	39 (5%)	4 (1%)
Hispanic Female	93	1 (1%)	0	0
Hispanic Male	152	52 (34%)	13 (9%)	0
Other Female	25	0	0	0
Other Male	58	12 (21%)	3 (5%)	0
White Female	262	9 (3%)	1 (0%)	0
White Male	430	121 (28%)	17 (4%)	1 (0%)
Unknown Female	21	0	0	0
Unknown Male	36	6 (17%)	2 (6%)	0
<b>Exposure Factor</b>				
MSM/PWID	33	33 (100%)	3 (9%)	0
MSM	580	421 (73%)	57 (10%)	5 (1%)
PWID	30	10 (33%)	0	0
MSW	186	8 (4%)	0	0
WSM	438	13 (3%)	6 (1%)	2 (0%)
Unknown/Other	916	38 (4%)	15 (2%)	1 (0%)
<b>Local Health Jurisdiction</b>				
Allegan County	7	0	0	0
Barry-Eaton	19	4 (21%)	1 (5%)	0
Bay County	7	2 (29%)	1 (14%)	0
Benzie-Leelanau	0	0	0	0
Berrien County	24	8 (33%)	0	0
Branch-Hillsdale-St. Joseph	28	4 (14%)	1 (4%)	0
Calhoun County	36	7 (19%)	0	0
Central Michigan District	6	0	0	0
Chippewa County	2	1 (50%)	0	0
Delta-Menominee	3	2 (67%)	0	0
Detroit LHD <sup>5</sup>	597	191 (32%)	36 (6%)	3 (1%)

LHD Jurisdictions continued on next page

1. Persons with HIV diagnosis on or prior to the date of any STI diagnosis (chlamydia, gonorrhea, or syphilis)

2. Persons with an HIV diagnosis within 30 days of STI diagnosis (can be before or after or same date)

3. HIV negative status and PrEP status derived from syphilis partner services field record; percentage displayed is out of all people diagnosed with the STI (Diagnosis Count).

4. Am Indian/AN, Asian/NH/PI, Multi/Other included in 'Other' category

5. Detroit LHD refers to Detroit City and Hamtramck, Highland Park, the Grosse Points, and Harper Woods. Detroit LHD population estimate is from 2023, the most recently available complete data from the Census Bureau

Table 2: Latent Syphilis-HIV Co-infections, 2024 (continued)

<i>Local Health Jurisdiction</i>	Diagnosis Count	Diagnoses of Latent Syphilis, 2024		
		People Living with HIV		HIV negative, on PrEP <sup>3</sup> n (%)
		Co-infected with HIV <sup>1</sup> n (%)	Co-diagnosed with HIV <sup>2</sup> n (%)	
Dickinson-Iron	2	0	0	0
District 2	2	0	0	0
District 4	2	0	0	0
District 10	19	2 (11%)	0	0
Genesee County	89	23 (26%)	3 (3%)	0
Grand Traverse County	7	2 (29%)	0	0
Huron County	0	0	0	0
Ingham County	60	20 (33%)	5 (8%)	0
Ionia County	13	1 (8%)	0	0
Jackson County	167	15 (9%)	2 (1%)	0
Kalamazoo County	106	12 (11%)	1 (1%)	0
Kent County	181	47 (26%)	9 (5%)	0
Lapeer County	6	1 (17%)	1 (17%)	0
Lenawee County	3	2 (67%)	1 (33%)	0
Livingston County	8	0	0	0
Luce-Mack-Alger-School	1	0	0	0
Macomb County	147	30 (20%)	1 (1%)	1 (1%)
Marquette County	3	0	0	0
Midland County	4	2 (50%)	0	0
Mid-Michigan District	23	4 (17%)	1 (4%)	1 (4%)
Monroe County	11	1 (9%)	0	0
Muskegon County	41	11 (27%)	0	0
Northwest MI Com Hlth Agency	9	2 (22%)	0	0
Oakland County	187	50 (27%)	8 (4%)	2 (1%)
Ottawa County	30	3 (10%)	0	0
Saginaw County	32	15 (47%)	2 (6%)	0
Sanilac County	3	0	0	0
Shiawassee County	7	0	0	0
St Clair County	15	0	0	0
Tuscola County	2	2 (100%)	1 (50%)	0
Van Buren-Cass	14	2 (14%)	0	0
Washtenaw County	76	13 (17%)	0	0
Wayne County LHD <sup>6</sup>	183	44 (24%)	7 (4%)	1 (1%)
Western UP District	1	0	0	0

1. Persons with HIV diagnosis on or prior to the date of any STI diagnosis (chlamydia, gonorrhea, or syphilis)

2. Persons with an HIV diagnosis within 30 days of STI diagnosis (can be before or after or same date)

3. HIV negative status and PrEP status derived from syphilis partner services field record; percentage displayed is out of all people diagnosed with the STI (Diagnosis Count).

6. Excludes the City of Detroit

Table 3: Gonorrhea-HIV Co-infections, 2024

Stratification	Diagnosis Count	Diagnoses of Gonorrhea, 2024		
		Co-diagnosed with Chlamydia <sup>1</sup> n (%)	Co-infected with HIV <sup>2</sup> n (%)	Co-diagnosed with HIV <sup>3</sup> n (%)
Michigan Total	13,625	3638 (27%)	829 (6%)	46 (0%)
<b>Age</b>				
14 years and under	116	57 (49%)	0	0
15-19 years	2,578	1215 (47%)	27 (1%)	5 (0%)
20-24 years	3,422	1026 (30%)	123 (4%)	15 (0%)
25-29 years	2,453	526 (21%)	181 (7%)	7 (0%)
30-39 years	3,203	537 (17%)	307 (10%)	14 (0%)
40-49 years	1,131	177 (16%)	119 (11%)	3 (0%)
50-59 years	482	73 (15%)	51 (11%)	1 (0%)
60+ years	240	27 (11%)	21 (9%)	1 (0%)
<b>Race/Sex at birth<sup>4</sup></b>				
Black Female	3,528	1176 (33%)	28 (1%)	2 (0%)
Black Male	4,851	1259 (26%)	548 (11%)	26 (1%)
Hispanic Female	282	84 (30%)	2 (1%)	1 (0%)
Hispanic Male	384	75 (20%)	57 (15%)	4 (1%)
Other Female	240	77 (32%)	3 (1%)	0
Other Male	464	115 (25%)	26 (6%)	2 (0%)
White Female	1,472	403 (27%)	7 (0%)	0
White Male	1,522	235 (15%)	138 (9%)	9 (1%)
Unknown Female	307	95 (31%)	1 (0%)	0
Unknown Male	575		19 (3%)	2 (0%)
<b>Exposure Factor</b>				
MSM/PWID	39	8	31	0
MSM	1,786	299	671	38
PWID	20	5	7	0
MSW	2,280	569	8	0
WSM	3,250	966	19	3
Unknown/Other	6,250	1,791	93	5
<i>note that 46% of gonorrhea cases are missing risk, while &lt;15% of HIV prevalent cases are missing this information</i>				
<b>Local Health Jurisdiction</b>				
Allegan County	45	6 (13%)	3 (7%)	0
Barry-Eaton	115	32 (28%)	2 (2%)	0
Bay County	46	18 (39%)	0	0
Benzie-Leelanau	5	0	0	0
Berrien County	167	63 (38%)	9 (5%)	2 (1%)
Branch-Hillsdale-St. Joseph	84	30 (36%)	1 (1%)	0
Calhoun County	284	92 (32%)	10 (4%)	0
Central Michigan District	76	11 (14%)	1 (1%)	0
Chippewa County	3	0	0	0
Delta-Menominee	7	0	0	0
Detroit LHD <sup>5</sup>	4,076	1193 (29%)	376 (9%)	15 (0%)

LHD Jurisdictions continued on next page

1. Persons with both STI diagnoses within 30 days of each other (can be before or after or same date)

2. Persons with HIV diagnosis on or prior to the date of any STI diagnosis (chlamydia, gonorrhea, or syphilis)

3. Persons with both STI and HIV diagnoses within 30 days of each other (can be before or after or same date)

4. Am Indian/AN, Asian/NH/PI, Multi/Other included in 'Other' category

5. Detroit LHD refers to Detroit City and Hamtramck, Highland Park, the Grosse Points, and Harper Woods. Detroit LHD population estimate is from 2023, the most recently available complete data from the Census Bureau

Table 3: Gonorrhea-HIV Co-infections, 2024 (continued)

Local Health Jurisdiction	Diagnoses of Gonorrhea, 2024			
	Diagnosis Count	Co-diagnosed with Chlamydia <sup>1</sup> n (%)	Co-infected with HIV <sup>2</sup> n (%)	Co-diagnosed with HIV <sup>3</sup> n (%)
Dickinson-Iron	2	3 (150%)	0	0
District 2	6	13 (217%)	0	0
District 4	12	285 (2375%)	0	0
District 10	57	2 (4%)	3 (5%)	0
Genesee County	925	4 (0%)	38 (4%)	2 (0%)
Grand Traverse County	21	140 (667%)	0	0
Huron County	7	7 (100%)	0	0
Ingham County	523	59 (11%)	10 (2%)	1 (0%)
Ionia County	31	173 (558%)	1 (3%)	0
Jackson County	172	300 (174%)	3 (2%)	0
Kalamazoo County	598	4 (1%)	23 (4%)	1 (0%)
Kent County	1,096	14 (1%)	69 (6%)	8 (1%)
Lapeer County	23	8 (35%)	1 (4%)	0
Lenawee County	48	1 (2%)	0	0
Livingston County	52	268 (515%)	1 (2%)	0
Luce-Mack-Alger-School	2	4 (200%)	0	0
Macomb County	966	2 (0%)	58 (6%)	2 (0%)
Marquette County	17	21 (124%)	0	0
Midland County	21	12 (57%)	1 (5%)	0
Mid-Michigan District	65	128 (197%)	1 (2%)	1 (2%)
Monroe County	56	6 (11%)	2 (4%)	0
Muskegon County	445	271 (61%)	11 (2%)	0
Northwest MI Com Hlth Agen	10	23 (230%)	0	0
Oakland County	1,185	21 (2%)	86 (7%)	4 (0%)
Ottawa County	132	2 (2%)	5 (4%)	0
Saginaw County	454	4 (1%)	9 (2%)	0
Sanilac County	11	13 (118%)	1 (9%)	0
Shiawassee County	25	3 (12%)	0	0
St Clair County	50	20 (40%)	8 (16%)	2 (4%)
Tuscola County	8	85 (1063%)	0	0
Van Buren-Cass	87	0	4 (5%)	0
Washtenaw County	421	2 (0%)	24 (6%)	2 (0%)
Wayne County LHD <sup>6</sup>	1,182	295 (25%)	68 (6%)	6 (1%)
Western UP District	7	2 (29%)	0	0

1. Persons with both STI diagnoses within 30 days of each other (can be before or after or same date)

2. Persons with HIV diagnosis on or prior to the date of any STI diagnosis (chlamydia, gonorrhea, or syphilis)

3. Persons with both STI and HIV diagnoses within 30 days of each other (can be before or after or same date)

6. Excludes the City of Detroit

Table 4: Chlamydia-HIV Co-infections, 2024

Stratification	Diagnosis Count	Diagnoses of Chlamydia, 2024		
		Co-diagnosed with Gonorrhea <sup>1</sup> n (%)	Co-infected with HIV <sup>2</sup> n (%)	Co-diagnosed with HIV <sup>3</sup> n (%)
Michigan Total	38,792	3638 (9%)	636 (2%)	47 (0%)
<b>Age</b>				
14 years and under	393	57 (15%)	0	0
15-19 years	10,768	1215 (11%)	35 (0%)	5 (0%)
20-24 years	12,807	1026 (8%)	103 (1%)	13 (0%)
25-29 years	6,545	526 (8%)	117 (2%)	12 (0%)
30-39 years	5,981	537 (9%)	230 (4%)	11 (0%)
40-49 years	1,512	177 (12%)	73 (5%)	4 (0%)
50-59 years	586	73 (12%)	56 (10%)	1 (0%)
60+ years	200	27 (14%)	22 (11%)	1 (1%)
<b>Race/Sex at birth<sup>4</sup></b>				
Black Female	11,420	1176 (10%)	47 (0%)	1 (0%)
Black Male	7,085	1259 (18%)	375 (5%)	22 (0%)
Hispanic Female	1,719	84 (5%)	5 (0%)	0
Hispanic Male	742	75 (10%)	46 (6%)	7 (1%)
Other Female	1,738	77 (4%)	2 (0%)	0
Other Male	1,114	115 (10%)	22 (2%)	2 (0%)
White Female	7,401	403 (5%)	15 (0%)	2 (0%)
White Male	3,074	235 (8%)	95 (3%)	12 (0%)
Unknown Female	2,717	95 (3%)	7 (0%)	0
Unknown Male	1,782	119 (7%)	22 (1%)	1 (0%)
<b>Exposure Factor</b>				
MSM/PWID	19	8	15	0
MSM	1,326	299	486	40
PWID	44	5	9	0
MSW	3,751	569	4	0
WSM	10,340	966	37	3
Unknown/Other	23,312	1791	85	4
<i>note that 60% of chlamydia cases are missing risk, while &lt;15% of HIV prevalent cases are missing this information</i>				
<b>Local Health Jurisdiction</b>				
Allegan County	229	6 (3%)	1 (0%)	0
Barry-Eaton	368	32 (9%)	5 (1%)	0
Bay County	234	18 (8%)	0	0
Benzie-Leelanau	33	0	0	0
Berrien County	709	63 (9%)	5 (1%)	1 (0%)
Branch-Hillsdale-St. Joseph	351	30 (9%)	1 (0%)	0
Calhoun County	794	92 (12%)	9 (1%)	0
Central Michigan District	345	11 (3%)	2 (1%)	0
Chippewa County	77	0	0	0
Delta-Menominee	76	0	0	0
Detroit LHD <sup>5</sup>	9,241	1193 (13%)	250 (3%)	19 (0%)

LHD Jurisdictions continued on next page

1. Persons with both STI diagnoses within 30 days of each other (can be before or after or same date)

2. Persons with HIV diagnosis on or prior to the date of any STI diagnosis (chlamydia, gonorrhea, or syphilis) in

3. Persons with both STI and HIV diagnoses within 30 days of each other (can be before or after or same date)

4. Am Indian/AN, Asian/NH/PI, Multi/Other included in 'Other' category

5. Detroit LHD refers to Detroit City and Hamtramck, Highland Park, the Grosse Points, and Harper Woods. Detroit LHD population estimate is from 2023, the most recently available complete data from the Census Bureau

Table 4: Chlamydia-HIV Co-infections, 2024 (continued)

	Diagnosis Count	Diagnoses of Chlamydia, 2024		
		Co-diagnosed with Gonorrhea <sup>1</sup> n (%)	Co-infected with HIV <sup>2</sup> n (%)	Co-diagnosed with HIV <sup>3</sup> n (%)
<b>Local Health Jurisdiction</b>				
Dickinson-Iron	36	0	0	0
District 2	61	0	0	0
District 4	72	3 (4%)	0	0
District 10	516	13 (3%)	3 (1%)	1 (0%)
Genesee County	2,270	285 (13%)	41 (2%)	1 (0%)
Grand Traverse County	137	2 (1%)	1 (1%)	0
Huron County	38	4 (11%)	0	0
Ingham County	1,367	140 (10%)	17 (1%)	0
Ionia County	127	7 (6%)	2 (2%)	0
Jackson County	729	59 (8%)	5 (1%)	0
Kalamazoo County	1,734	173 (10%)	15 (1%)	1 (0%)
Kent County	3,142	300 (10%)	62 (2%)	11 (0%)
Lapeer County	145	4 (3%)	2 (1%)	0
Lenawee County	139	14 (10%)	0	0
Livingston County	235	8 (3%)	0	0
Luce-Mack-Alger-School	34	1 (3%)	0	0
Macomb County	2,855	268 (9%)	36 (1%)	1 (0%)
Marquette County	107	4 (4%)	0	0
Midland County	135	2 (1%)	0	0
Mid-Michigan District	345	21 (6%)	4 (1%)	1 (0%)
Monroe County	248	12 (5%)	2 (1%)	0
Muskegon County	1,151	128 (11%)	8 (1%)	1 (0%)
Northwest MI Com Hlth Agency	137	6 (4%)	0	0
Oakland County	3,209	271 (8%)	61 (2%)	4 (0%)
Ottawa County	711	23 (3%)	6 (1%)	0
Saginaw County	1,094	21 (2%)	8 (1%)	1 (0%)
Sanilac County	29	2 (7%)	0	0
Shiawassee County	87	4 (5%)	0	0
St Clair County	303	13 (4%)	6 (2%)	1 (0%)
Tuscola County	56	3 (5%)	1 (2%)	1 (2%)
Van Buren-Cass	405	20 (5%)	3 (1%)	0
Washtenaw County	1,155	85 (7%)	24 (2%)	2 (0%)
Wayne County LHD <sup>6</sup>	3,478	295 (8%)	56 (2%)	1 (0%)
Western UP District	48	2 (4%)	0	0

1. Persons with both STI diagnoses within 30 days of each other (can be before or after or same date)

2. Persons with HIV diagnosis on or prior to the date of any STI diagnosis (chlamydia, gonorrhea, or syphilis) in

3. Persons with both STI and HIV diagnoses within 30 days of each other (can be before or after or same date)

6. Excludes the City of Detroit

Table 5: STI-HIV Co-infections and the HIV Care Continuum, 2024

Stratification	Persons with HIV (Prevalence), 2024				
	Persons with HIV (Prevalence, N)	Co-infected with at least one STI <sup>1</sup> n (% of PWH)	Diagnosed with an STI		
			In HIV Care <sup>A</sup> n (% of co-infected)	Virally Suppressed <sup>B</sup> n (% of co-infected)	Maintained Undetectable <sup>C</sup> n (% of co-infected)
Michigan Total	18,952	1536 (8%)	1177 (77%)	448 (29%)	243 (16%)
<b>Age</b>					
14 years and under	40	1 (3%)	1 (100%)	0	0
15-19 years	94	21 (22%)	16 (76%)	7 (33%)	3 (14%)
20-24 years	476	143 (30%)	122 (85%)	37 (26%)	23 (16%)
25-29 years	1,206	265 (22%)	211 (80%)	89 (34%)	45 (17%)
30-39 years	4,513	629 (14%)	467 (74%)	193 (31%)	103 (16%)
40-49 years	3,555	257 (7%)	192 (75%)	66 (26%)	36 (14%)
50-59 years	4,248	156 (4%)	118 (76%)	41 (26%)	25 (16%)
60+ years	4,820	64 (1%)	50 (78%)	15 (23%)	8 (13%)
<b>Race/Sex at birth</b>					
Black Female	2,476	44 (2%)	35 (80%)	7 (16%)	5 (11%)
Black Male	7,616	945 (12%)	731 (77%)	293 (31%)	160 (17%)
Hispanic Female	271	8 (3%)	7 (88%)	4 (50%)	1 (13%)
Hispanic Male	1,316	157 (12%)	111 (71%)	40 (25%)	25 (16%)
Other Female	175	3 (2%)	2 (67%)	0	0
Other Male	708	66 (9%)	51 (77%)	19 (29%)	9 (14%)
White Female	835	19 (2%)	11 (58%)	1 (5%)	0
White Male	5,555	294 (5%)	229 (78%)	84 (29%)	43 (15%)
<b>Transmission Risk</b>					
MSM/PWID	782	72 (9%)	50 (69%)	17 (24%)	12 (17%)
MSM	11,178	1265 (11%)	988 (78%)	391 (31%)	208 (16%)
PWID	910	21 (2%)	16 (76%)	3 (14%)	1 (5%)
MSW	673	21 (3%)	15 (71%)	6 (29%)	3 (14%)
WSM	3,149	57 (2%)	43 (75%)	10 (18%)	6 (11%)
Unknown/Other	2,260	100 (4%)	65 (65%)	21 (21%)	13 (13%)
<b>Local Health Jurisdiction</b>					
Allegan County	148	4 (3%)	3 (75%)	1 (25%)	1 (25%)
Barry-Eaton	155	9 (6%)	5 (56%)	2 (22%)	1 (11%)
Bay County	92	3 (3%)	1 (33%)	0	0
Benzie-Leelanau	26	0	0	0	0
Berrien County	271	17 (6%)	12 (71%)	5 (29%)	3 (18%)
Branch-Hillsdale-St. Joseph	105	8 (8%)	5 (63%)	2 (25%)	1 (13%)
Calhoun County	238	20 (8%)	18 (90%)	5 (25%)	2 (10%)
Central Michigan District	161	6 (4%)	6 (100%)	3 (50%)	2 (33%)
Chippewa County	16	0	0	0	0
Delta-Menominee	35	2 (6%)	1 (50%)	0	0
Detroit LHD	5,717	595 (10%)	460 (77%)	180 (30%)	103 (17%)

LHD Jurisdictions continued on next page

1. Persons with HIV diagnosis on or prior to the date of any STI diagnosis (chlamydia, gonorrhea, or syphilis).

A. In Care - PWH with at least 1 CD4, viral load, or genotype lab test (proxies for medical care visits) in the 12 months prior to or on the date of STI diagnosis.

B. Virally Suppressed - PWH who are in care with less than 200 copies of HIV virus per milliliter of blood (&lt;200c/mL) based on most recent lab prior to or on the date of STI diagnosis.

C. Maintained Undetectable - PWH who maintained viral load levels &lt;200c/mL for at least 4-8 months prior to the date of STI diagnosis. This measure is derived from studies supporting the U=U (undetectable = untransmittable) campaign.

Table 5: STI-HIV Co-infections and the HIV Care Continuum, 2024 (continued)

Local Health Jurisdiction	Persons with HIV (Prevalence, N)	Persons with HIV (Prevalence), 2024			
		Co-infected with at least one STI 1 n (% of PWH)	Coinfected w/ at least 1 STI		
			In HIV Care <sup>A</sup> n (% of co-infected)	Virally Suppressed <sup>B</sup> n (% of co-infected)	Maintained Undetectable <sup>C</sup> n (% of co-infected)
Dickinson-Iron	19	0	0	0	0
District 2	51	0	0	0	0
District 4	45	1 (2%)	1 (100%)	0	0
District 10	184	9 (5%)	8 (89%)	3 (33%)	2 (22%)
Genesee County	680	59 (9%)	40 (68%)	26 (44%)	12 (20%)
Grand Traverse County	95	4 (4%)	2 (50%)	0	0
Huron County	11	0	0	0	0
Ingham County	526	41 (8%)	26 (63%)	4 (10%)	2 (5%)
Ionia County	40	3 (8%)	2 (67%)	0	0
Jackson County	180	10 (6%)	7 (70%)	4 (40%)	3 (30%)
Kalamazoo County	465	43 (9%)	33 (77%)	16 (37%)	5 (12%)
Kent County	1,216	126 (10%)	105 (83%)	38 (30%)	20 (16%)
Lapeer County	53	4 (8%)	4 (100%)	1 (25%)	0
Lenawee County	64	1 (2%)	0	0	0
Livingston County	114	2 (2%)	2 (100%)	1 (50%)	0
Luce-Mack-Alger-School	29	1 (3%)	1 (100%)	0	0
Macomb County	1,450	107 (7%)	77 (72%)	29 (27%)	16 (15%)
Marquette County	45	1 (2%)	1 (100%)	1 (100%)	1 (100%)
Midland County	43	2 (5%)	2 (100%)	0	0
Mid-Michigan District	108	7 (6%)	6 (86%)	2 (29%)	2 (29%)
Monroe County	158	7 (4%)	5 (71%)	0	0
Muskegon County	209	26 (12%)	17 (65%)	5 (19%)	5 (19%)
Northwest MI Com Hlth Agency	75	2 (3%)	0	0	0
Oakland County	2,368	168 (7%)	138 (82%)	43 (26%)	25 (15%)
Ottawa County	179	11 (6%)	9 (82%)	6 (55%)	3 (27%)
Saginaw County	278	25 (9%)	16 (64%)	2 (8%)	1 (4%)
Sanilac County	26	1 (4%)	1 (100%)	0	0
Shiawassee County	50	0	0	0	0
St Clair County	143	12 (8%)	10 (83%)	5 (42%)	0
Tuscola County	24	2 (8%)	2 (100%)	0	0
Van Buren-Cass	122	8 (7%)	7 (88%)	2 (25%)	0
Washtenaw County	645	49 (8%)	37 (76%)	15 (31%)	5 (10%)
Wayne LHD	1,968	124 (6%)	97 (78%)	41 (33%)	22 (18%)
Western UP District	34	0	0	0	0
Unknown Jurisdiction	0	0	0	0	0
Prisons*	291	16 (5%)	10 (63%)	6 (38%)	5 (31%)

1. Persons with HIV diagnosis on or prior to the date of any STI diagnosis (chlamydia, gonorrhea, or syphilis).

A. In Care - PWH with at least 1 CD4, viral load, or genotype lab test (proxies for medical care visits) in the 12 months prior to or on the date of STI diagnosis.

B. Virally Suppressed - PWH who are in care with less than 200 copies of HIV virus per milliliter of blood (<200c/mL) based on most recent lab prior to or on the date of STI diagnosis.

C. Maintained Undetectable - PWH who maintained viral load levels <200c/mL for at least 4-8 months prior to the date of STI diagnosis. This measure is derived from studies supporting the U=U (undetectable = untransmittable) campaign.

\*Persons in prisons (state or federal) located in Michigan. Reported separately for geographic stratification.