



Annual HIV Prevalence Report, Persons living with HIV December 31, 2020

Data as of July 2021

HIV & STI Surveillance & Epidemiology Section
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Bureau of Infectious Disease Prevention
Michigan Department of Health and Human Services
www.Michigan.gov/HIVSTI

Michigan Department of Health & Human Services

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Notes & Key definitions

The HIV Prevalence Report includes diagnosed persons living with HIV (**PLWH**) in Michigan at the end of the given year. When available, census data are used to calculate prevalence rates. To understand the importance of using rates when comparing populations, see our 5 minute [Epidemiology 101 video](#). This report is meant to guide care and prevention strategies by identifying the most affected communities.

The following measures are displayed in this report:

Region or Demographic Group X	Prevalence December 31, 2020					New diagnoses & HTR, 2020		STD diagnoses among PLWH, 2020				Population counts, 2020 (census) L
	PLWH at any Stage (0-3)		MI % C	Last CD4 signifies Stage 3		count F	HTR G	Syphilis		Gonorrhea or Chlamydia		
count	rate	count		prev %	count			prev %	count	prev %	count	prev %
A	B	D	E	F	G	H	I	J	K			

Prevalence December 31 includes persons living with HIV in the given region (Michigan, DMA, or Detroit LHD jurisdiction) as of December 31 of the given year.

PLWH at any Stage (0-3) refers to the total prevalence.

count (A): The number of persons in Group X living with HIV at the end of the year.

rate (B): The prevalence rate per 100,000 persons in Group X (count/population x 100,000, i.e. A/L x 100,000).

MI %, DMA %, or DLHD % (C): Of all PLWH in the given region (Michigan, DMA, or Detroit LHD jurisdiction) at the year end, the percent who are in Group X (i.e. column percent). For example, in the statewide report, this column is the count (A)/total PLWH in Michigan; in the DMA report it is the count (A)/total PLWH in the DMA.

Last CD4 signifies Stage 3 is a subset of the total prevalence. Stage 3, formerly known as AIDS, is most commonly defined by a CD4 count <200 or CD4 percent <14% if count is not available. Stage 3 is also recognized with a physician diagnosis of an opportunistic infection.

count (D): The number of persons living with HIV in Group X whose last known stage was Stage 3 (subset of A).

prev % (E): Of the total number of PLWH in Group X, the percent whose last known stage was Stage 3. (D/A x 100).

New diagnoses & HTR

count (F): Number of new diagnoses among residents of the given region (Michigan, DMA, or Detroit LHD jurisdiction) during the given year. This is not a subset of prevalence count, as new diagnoses includes persons who moved or died before the year end.

HTR (G): HIV Transmission Rate (HTR) measures the number of diagnosed transmissions that occurred per 100 PLWH. It is most frequently calculated as new diagnoses (F)/reported prevalence (A) x 100. See the following page for more detail.

STD diagnoses among PLWH includes PLWH diagnosed with an STD during the given year. STD diagnosis must occur after HIV diagnosis.

Syphilis

count (H): The number of persons living with HIV in Group X diagnosed with Syphilis during the given year (subset of A).

prev % (I): Of the total number of PLWH in group X, the percent diagnosed with Syphilis during the given year. (H/A x 100).

Gonorrhea or Chlamydia

count (J): The number of persons living with HIV in Group X diagnosed with Gonorrhea and/or Chlamydia during the given year (subset of A).

prev % (K): Of the total number of PLWH in group X, the percent diagnosed with Gonorrhea and/or Chlamydia during the given year. (J/A x 100).

Population counts (census) (L): The total population (census) of Group X the same year. The population of men who have sex with men (MSM) is estimated at 5.8% of Michigan's adult male population¹.

¹Lieb S, et al. (2011) Statewide Estimation of Racial/Ethnic Populations of Men Who Have Sex with Men in the U.S. ASPH Public Health Reports vol 126 pg. 60-72

Estimation of undiagnosed PLWH

Using the CDC Back Calculation method it is estimated that in 2017, 12.4% of PLWH were unaware of their HIV status (a.k.a. undiagnosed). This estimate is displayed in, "The HIV Epidemic in Michigan, 1981 - present" on page 2. An alternate method developed by CDC (the CD4 depletion method) provides prevalence estimates for sex, age, race, and select transmission categories. While these estimates are less reliable due to assumption violations (and therefore not reported), they do provide insight into the relative proportion of undiagnosed PLWH. Compared to the statewide proportion, it is estimated Latinx PLWH are less likely to be diagnosed. Likewise, younger groups of PLWH have higher undiagnosed estimates. Females (sex at birth) are more likely to be diagnosed compared to the general population.

HIV Transmission Rate (HTR)

The HIV Transmission Rate (HTR) measures the number of diagnosed transmissions that occurred per 100 PLWH. This measure may help identify which communities have higher or lower new diagnosis rates than expected. Everything held equal (risk behavior, care access, etc.) HTR's would be the same in every community, every year (the number of new diagnoses would only be affected by the number of PLWH). Communities with high prevalence rates would have high new diagnosis rates solely because individuals in that community are more likely to encounter someone living with HIV and vice versa. However, other factors such as risk behavior, testing, and care access are not equal and affect transmission and new diagnosis rates. High HTR's are an indication of differing underlying factors in a community.

Unless a different denominator is specified below, $HTR = \text{number of new diagnoses in a population} / \text{reported prevalence of that population} \times 100$. From the previous page, $HTR = F / Ax100$. The HTR assumes all transmissions occur within like geographic or demographic groups. Based on analyses of HIV strains in Michigan, this assumption is valid for most populations. However HTR's should be interpreted with caution - especially for small geographic regions such as cities, and small demographic groups with somewhat arbitrary categorizations. For example, the HTR for 15-19 year olds is calculated as new diagnoses among 15-19 year olds/prevalence among 15-19 year olds x 100. An alternate, and perhaps more accurate calculation, is new diagnoses among 15-19 year olds/prevalence among 15-24 or 15-29 year olds x 100. For clarity and consistency these small adjustments are not calculated.

The denominator of the HTR is altered, however, when the calculated HTR within a group does not make any practical sense (see the table of numerators and denominators below). For example, it does not make sense to calculate the HTR for new diagnoses among heterosexual women out of all heterosexual women - HIV is not transmitted within the group. Therefore, the denominator for heterosexual women is all men living with HIV. When no denominator can contribute to a meaningful HTR calculation, "N/A" is displayed. HTR is marked as, "Not calculated" when new diagnosis information is not available for that stratum.

HTR is calculated as number of new diagnoses among the group of interest/denominator for HTR x 100 for the following:

Group of interest

Male, Female, or Transgender
Black/AA males or females
Latinx males or females
White males or females
Multi/other males or females

When risk is "Sex w men"
When risk is "PWID"
When risk is "Sex w men & PWID"
When risk is "Sex w women"
When risk is "Perinatal or Pediatric"

Denominator for HTR

All PLWH in region (MI, DMA, Detroit LHD)
All Black/AA PLWH in region (MI, DMA, Detroit LHD)
All Latinx PLWH in region (MI, DMA, Detroit LHD)
All white PLWH in region (MI, DMA, Detroit LHD)
All multi/other PLWH in region (MI, DMA, Detroit LHD)
All male PLWH in region (MI, DMA, Detroit LHD)
All PWID and MSM/PWID living with HIV in region (MI, DMA, Detroit LHD)
All males and non-male PWID living with HIV in region (MI, DMA, Detroit LHD)
All female PLWH in region (MI, DMA, Detroit LHD)
All female PLWH between 15 and 49 years old in region (MI, DMA, Detroit LHD)



The State of Michigan

Residents of Michigan living with HIV December 31, 2020

The HIV Epidemic in Michigan, 1981 - present

Year	New diagnoses			Year end prevalence ³		All-cause deaths HIV as underlying cause ⁴		Last CD4 Stage 3 ⁵ % of prevalence
	Count	HTR ¹	Late diagnosis ²	Reported	Estimated undiagnosed	Count		
1981	3	--	100%	1	--	2	--	--
1982	3	100.0	67%	3	--	1	--	--
1983	30	111.1	73%	27	--	6	--	--
1984	73	94.8	68%	77	--	23	--	--
1985	399	99.8	24%	400	--	76	--	--
1986	497	63.9	29%	778	--	119	--	--
1987	736	56.4	41%	1,304	--	210	73%	--
1988	907	47.4	50%	1,914	--	297	70%	--
1989	1,308	46.7	46%	2,802	--	420	77%	--
1990	1,463	38.6	45%	3,789	--	476	71%	--
1991	1,448	31.0	45%	4,674	--	563	74%	--
1992	1,523	27.7	40%	5,490	--	707	73%	--
1993	1,300	22.0	40%	5,911	--	879	76%	--
1994	1,233	20.0	42%	6,165	--	979	79%	--
1995	1,193	18.8	44%	6,338	--	1,020	80%	--
1996	1,128	16.7	39%	6,754	--	712	73%	--
1997	1,045	14.3	36%	7,301	--	498	63%	--
1998	902	11.6	39%	7,778	--	425	63%	--
1999	725	9.0	40%	8,094	--	409	59%	--
2000	908	10.6	36%	8,586	--	416	61%	--
2001	856	9.5	37%	9,005	--	437	61%	--
2002	747	8.0	34%	9,330	--	422	57%	--
2003	837	8.6	37%	9,753	--	414	57%	--
2004	866	8.5	32%	10,232	--	387	58%	--
2005	876	8.2	34%	10,719	--	389	59%	--
2006	776	7.0	30%	11,122	--	373	53%	--
2007	782	6.8	29%	11,542	--	362	54%	--
2008	775	6.5	27%	11,942	--	375	53%	--
2009	801	6.4	24%	12,436	--	307	49%	--
2010	762	5.9	28%	12,887	--	311	49%	--
2011	773	5.8	24%	13,344	--	316	42%	--
2012	793	5.7	22%	13,793	--	344	43%	--
2013	749	5.3	27%	14,244	--	298	43%	--
2014	781	5.3	23%	14,838	15.1%	295	37%	12%
2015	723	5.0	22%	14,351	15.0%	317	37%	11%
2016	737	4.7	23%	15,525	13.3%	295	34%	10%
2017	769	4.9	19%	15,825	12.4%	304	31%	9%
2018	710	4.4	23%	16,158	10.8%	340	24%	9%
2019	667	3.9	22%	16,909	data delayed	274	26%	8%
2020	522	3.0	18%	17,348	2 yrs	309	22%	8%

¹HIV Transmission Rate (HTR) measures the number of transmissions that occurred per 100 PLWH each year (new diagnoses/reported yr end prevalence x 100). ²Late diagnosis: Stage 3 within 90 days of initial HIV diagnosis. ³Until 2014, prevalence is calculated as previous year prevalence plus new diagnoses minus deaths. Beginning in 2014, prevalence is based on current address. Estimated undiagnosed is calculated using CDC's Back Calculation method and is dependent on accurate current address. ⁴Based on death certificate ICD codes (may be underreported). ⁵Subet of year end prevalence. Only measured after current address is consistently available (2014).

Michigan HIV Prevalence December 31, 2020: Geographic Stratification

Last reported address before year end unless otherwise specified

Region	Prevalence December 31, 2020					New diagnoses & HTR, 2020		STD diagnoses among PLWH, 2020				Population counts, 2020 (census)
	count	rate	MI %	count	prev %	count	HTR	Syphilis		Gonorrhea or Chlamydia		
				Last CD4 signifies Stage 3				count	prev %	count	prev %	
Michigan	17,348	174.1	100.0%	1,345	7.8%	522	3.0	532	3.1%	883	5.1%	9,966,555
DMA ¹	10,985	257.7	63.3%	928	8.4%	352	3.2	401	3.7%	668	6.1%	4,262,369
Outstate ²	6,083	106.6	35.1%	400	6.6%	166	2.7	130	2.1%	213	3.5%	5,704,186
Prison ³	318	N/A	1.9%	21	6.6%	7	N/A	4	1.3%	5	1.6%	No data
Prison History⁴												
Any prison during 2020	331	N/A	1.9%	22	6.6%	Not calculated		2	0.6%	5	1.5%	No data
Any prison reported since HIV diagnosis	1,141	N/A	6.6%	131	11.5%	Not calculated		35	3.1%	60	5.3%	No data
Local Health Department (LHD) Jurisdiction												
Allegan Co.	127	106.8	0.7%	7	5.5%	2	1.6	1	0.8%	1	0.8%	118,927
Barry-Eaton	120	69.7	0.7%	5	4.2%	6	5.0	1	0.8%	2	1.7%	172,209
Berrien Co.	247	161.4	1.4%	18	7.3%	6	2.4	6	2.4%	3	1.2%	153,025
Branch-Hillsdale-St. Joseph	87	58.0	0.5%	8	9.2%	1	1.1	1	1.1%	3	3.4%	149,930
Calhoun Co.	207	155.0	1.2%	16	7.7%	4	1.9	3	1.4%	9	4.3%	133,580
Central Michigan ⁵	786	65.2	4.5%	43	5.5%	23	2.9	9	1.1%	16	2.0%	1,205,275
Detroit LHD ⁶	5,419	710.7	31.2%	541	10.0%	180	3.3	232	4.3%	413	7.6%	762,454
Genesee Co.	620	153.2	3.6%	47	7.6%	22	3.5	10	1.6%	26	4.2%	404,794
Huron Co.	7	22.8	<0.1%	0	0.0%	0	0.0	0	0.0%	0	0.0%	30,653
Ingham Co.	472	162.4	2.7%	39	8.3%	15	3.2	19	4.0%	14	3.0%	290,609
Ionia Co.	33	51.1	0.2%	2	6.1%	1	3.0	0	0.0%	0	0.0%	64,553
Jackson Co.	166	105.8	1.0%	11	6.6%	1	0.6	6	3.6%	5	3.0%	156,920
Kalamazoo Co.	409	153.8	2.4%	42	10.3%	20	4.9	11	2.7%	30	7.3%	265,988
Kent Co.	1,136	172.5	6.5%	80	7.0%	32	2.8	35	3.1%	54	4.8%	658,708
Lapeer Co.	44	50.2	0.3%	2	4.5%	3	6.8	3	6.8%	3	6.8%	87,635

LHD Jurisdictions continued on next page

¹Detroit Metro Area (DMA) includes Lapeer, Macomb, Monroe, Oakland, St. Clair, and Wayne Counties. Prisons are excluded. ²Outstate includes Michigan residents outside the DMA. Prisons are excluded. ³Persons in prisons (state or federal) located in Michigan. Reported separately for geographic stratification. ⁴Prison History is not restricted to last reported address. ⁵Central Michigan LHD includes all otherwise unlisted counties in the lower peninsula. ⁶Detroit LHD includes the cities of Detroit, Hamtramck, Harper Woods, Highland Park, & the Grosse Pointes. Detroit, under "select cities", includes only residents of the city of Detroit.

Michigan HIV Prevalence December 31, 2020: Geographic Stratification

Last reported address before year end unless otherwise specified

Region	Prevalence December 31, 2020					New diagnoses & HTR, 2020		STD diagnoses among PLWH, 2020				Population counts, 2020 (census)
	count	rate	MI %	count	prev %	count	HTR	Syphilis		Gonorrhea or Chlamydia		
								count	prev %	count	prev %	
Local Health Department (LHD) Jurisdiction , continued from previous page												
Lenawee Co.	54	55.2	0.3%	4	7.4%	0	0.0	1	1.9%	2	3.7%	97,808
Livingston Co.	98	51.0	0.6%	5	5.1%	2	2.0	1	1.0%	2	2.0%	192,335
Macomb Co.	1,301	149.4	7.5%	97	7.5%	47	3.6	41	3.2%	68	5.2%	870,791
Marquette ¹	153	51.7	0.9%	16	10.5%	2	1.3	2	1.3%	2	1.3%	296,181
Monroe Co.	118	78.4	0.7%	12	10.2%	4	3.4	4	3.4%	1	0.8%	150,568
Muskegon Co.	193	111.0	1.1%	12	6.2%	5	2.6	2	1.0%	7	3.6%	173,883
Oakland Co.	2,211	176.4	12.7%	153	6.9%	57	2.6	71	3.2%	94	4.3%	1,253,459
Ottawa Co.	148	50.2	0.9%	8	5.4%	1	0.7	3	2.0%	3	2.0%	294,635
Saginaw Co.	255	134.3	1.5%	9	3.5%	4	1.6	1	0.4%	11	4.3%	189,868
Sanilac Co.	27	66.3	0.2%	3	11.1%	2	7.4	0	0.0%	1	3.7%	40,747
Shiawassee Co.	49	72.3	0.3%	2	4.1%	0	0.0	2	4.1%	0	0.0%	67,738
St. Clair Co.	119	74.7	0.7%	15	12.6%	10	8.4	0	0.0%	4	3.4%	159,293
Tuscola Co.	15	28.7	<0.1%	0	0.0%	0	0.0	0	0.0%	0	0.0%	52,289
Van Buren-Cass	85	66.9	0.5%	4	4.7%	2	2.4	3	3.5%	3	3.5%	127,058
Washtenaw Co.	589	160.7	3.4%	19	3.2%	15	2.5	13	2.2%	19	3.2%	366,473
Wayne Co. LHD	1,773	101.9	10.2%	108	6.1%	51	2.9	50	2.8%	85	4.8%	1,740,623
Metropolitan Statistical Areas (MSA's)²												
Ann Arbor	589	160.7	3.4%	19	3.2%	15	2.5	13	2.2%	19	3.2%	366,473
Battle Creek	207	155.0	1.2%	16	7.7%	4	1.9	3	1.4%	9	4.3%	133,580
Bay City	85	83.0	0.5%	9	10.6%	4	4.7	1	1.2%	1	1.2%	102,387
Detroit-Warren-Dearborn	10,965	254.8	63.2%	921	8.4%	350	3.2	398	3.6%	669	6.1%	4,304,136
Flint	620	153.2	3.6%	47	7.6%	22	3.5	10	1.6%	26	4.2%	404,794
Grand Rapids-Wyoming	1,338	124.0	7.7%	91	6.8%	36	2.7	39	2.9%	57	4.3%	1,078,880
Jackson	166	105.8	1.0%	11	6.6%	1	0.6	6	3.6%	5	3.0%	156,920
Kalamazoo-Portage	470	137.6	2.7%	44	9.4%	20	4.3	14	3.0%	33	7.0%	341,462
Lansing-E Lansing	639	133.0	3.7%	46	7.2%	24	3.8	21	3.3%	18	2.8%	480,510
Midland	42	50.3	0.2%	3	7.1%	1	2.4	0	0.0%	1	2.4%	83,441

MSA's continued on next page

¹Marquette LHD includes the entire upper peninsula. ²MSA designations: https://www2.census.gov/geo/maps/metroarea/stcbsa_pg/Feb2013/cbsa2013_MI.pdf

Michigan HIV Prevalence December 31, 2020: Geographic Stratification

Last reported address before year end unless otherwise specified

Region	Prevalence December 31, 2020					New diagnoses & HTR, 2020		STD diagnoses among PLWH, 2020				Population counts, 2020 (census)	
	PLWH at any Stage (0-3)	MI %	Last CD4 signifies Stage 3	count	prev %	count	HTR	Syphilis	Gonorrhea or Chlamydia	count	prev %		count
Metropolitan Statistical Areas (MSA's)¹, continued from previous page													
Monroe	118	78.4	0.7%	12	10.2%	4	3.4	4	3.4%	0	1	0.8%	150,568
Muskegon	193	111.0	1.1%	12	6.2%	5	2.6	2	1.0%	0	7	3.6%	173,883
Niles-Benton Harbor	247	161.4	1.4%	18	7.3%	6	2.4	6	2.4%	0	3	1.2%	153,025
Saginaw	255	134.3	1.5%	9	3.5%	4	1.6	1	0.4%	0	11	4.3%	189,868
Micropolitan Area	731	64.5	4.2%	47	6.4%	11	1.5	11	1.5%	0	14	1.9%	1,133,506
Rural	403	56.5	2.3%	23	5.7%	11	2.7	2	0.5%	0	7	1.7%	713,122
Select Cities: Top 20 Michigan cities with largest HIV counts													
Ann Arbor	229	185.0	1.3%	4	1.7%	5	2.2	8	3.5%		10	4.4%	123,778
Battle Creek	157	309.1	0.9%	14	8.9%	3	1.9	3	1.9%		8	5.1%	50,799
Clinton Township	181	181.4	1.0%	10	5.5%	6	3.3	7	3.9%		10	5.5%	99,792
Detroit	4,996	750.9	28.8%	498	10.0%	173	3.5	217	4.3%		390	7.8%	665,369
Flint	416	332.4	2.4%	32	7.7%	15	3.6	7	1.7%		18	4.3%	125,158
Grand Rapids	865	395.2	5.0%	65	7.5%	26	3.0	32	3.7%		47	5.4%	218,884
Highland Park	200	1,867.1	1.2%	24	12.0%	5	2.5	5	2.5%		11	5.5%	10,712
Inkster	165	684.2	1.0%	9	5.5%	3	1.8	5	3.0%		12	7.3%	24,115
Kalamazoo	321	325.5	1.9%	36	11.2%	16	5.0	9	2.8%		28	8.7%	98,617
Lansing	453	360.4	2.6%	36	7.9%	15	3.3	17	3.8%		10	2.2%	125,700
Muskegon	160	293.7	0.9%	9	5.6%	7	4.4	2	1.3%		6	3.8%	54,483
Pontiac	343	582.2	2.0%	38	11.1%	9	2.6	11	3.2%		16	4.7%	58,911
Redford	169	365.1	1.0%	7	4.1%	6	3.6	3	1.8%		13	7.7%	46,291
Royal Oak	156	254.3	0.9%	10	6.4%	2	1.3	6	3.8%		6	3.8%	61,355
Saginaw	228	262.6	1.3%	8	3.5%	4	1.8	1	0.4%		10	4.4%	86,832
Southfield	401	461.9	2.3%	29	7.2%	9	2.2	17	4.2%		23	5.7%	86,822
Taylor	145	239.4	0.8%	8	5.5%	5	3.4	6	4.1%		9	6.2%	60,576
Warren	351	264.2	2.0%	26	7.4%	13	3.7	11	3.1%		23	6.6%	132,877
Westland	195	240.4	1.1%	15	7.7%	6	3.1	6	3.1%		9	4.6%	81,116
Ypsilanti	314	418.6	1.8%	15	4.8%	9	2.9	5	1.6%		8	2.5%	75,012

¹MSA designations: https://www2.census.gov/geo/maps/metroarea/stcbsa_pg/Feb2013/cbsa2013_MI.pdf

Michigan HIV Prevalence December 31, 2020: Demographic Stratification

Demographic	Prevalence December 31, 2020					New diagnoses & HTR, 2020		STD diagnoses among PLWH, 2020				Population counts, 2020 (census)
	PLWH at any Stage (0-3)			Last CD4 signifies Stage 3		count	HTR	Syphilis		Gonorrhea or Chlamydia		
Sex assumed at birth	count	rate	MI %	count	prev %			count	HTR	count	prev %	count
Male	13,799	281.2	79.5%	1,044	7.6%	438	2.5	523	3.8%	808	5.9%	4,907,813
Female	3,549	70.2	20.5%	301	8.5%	84	0.5	9	0.3%	75	2.1%	5,058,742
Transgender ¹	261	N/A	1.5%	27	10.3%	13	0.1	15	5.7%	36	13.8%	No data
Race & Latinx ethnicity by sex assumed at birth²												
Black/AA overall	9,581	657.7	55.2%	852	8.9%	320	3.3	329	3.4%	646	6.7%	1,456,824
Black/AA males	7,157	1,034.3	41.3%	628	8.8%	261	2.7	326	4.6%	598	8.4%	691,951
Black/AA females	2,424	316.9	14.0%	224	9.2%	59	0.6	3	0.1%	48	2.0%	764,873
Latinx overall	1,122	207.0	6.5%	99	8.8%	37	3.3	42	3.7%	48	4.3%	542,105
Latinx males	917	332.9	5.3%	84	9.2%	32	2.9	40	4.4%	41	4.5%	275,468
Latinx females	205	76.9	1.2%	15	7.3%	5	0.4	2	1.0%	7	3.4%	266,637
White overall	5,929	78.7	34.2%	353	6.0%	144	2.4	131	2.2%	152	2.6%	7,534,869
White males	5,166	138.6	29.8%	299	5.8%	125	2.1	129	2.5%	137	2.7%	3,726,688
White females	763	20.0	4.4%	54	7.1%	19	0.3	2	0.3%	15	2.0%	3,808,181
Multi/other overall	710	164.1	4.1%	40	5.6%	18	2.5	30	4.2%	37	5.2%	432,757
Multi/other males	554	259.2	3.2%	32	5.8%	17	2.4	28	5.1%	32	5.8%	213,706
Multi/other females	156	71.2	0.9%	8	5.1%	1	0.1	2	1.3%	5	3.2%	219,051
Other ethnicity and country of birth												
Arab/Mid E descent ³	93	N/A	0.5%	2	2.2%	6	6.5	4	4.3%	7	7.5%	No data
Foreign born	1,040	N/A	6.0%	79	7.6%	16	N/A	20	1.9%	22	2.1%	No data
Age at year end												
00-14	74	4.2	0.4%	0	0.0%	0	0.0	0	0.0%	0	0.0%	1,748,988
15-19	81	12.8	0.5%	0	0.0%	22	27.2	5	6.2%	18	22.2%	633,603
20-29	2,038	150.1	11.7%	113	5.5%	209	10.3	133	6.5%	346	17.0%	1,358,033
30-39	3,722	302.7	21.5%	297	8.0%	136	3.7	192	5.2%	320	8.6%	1,229,514
40-49	3,348	287.8	19.3%	296	8.8%	66	2.0	107	3.2%	105	3.1%	1,163,203
50-59	4,761	358.5	27.4%	382	8.0%	68	1.4	75	1.6%	77	1.6%	1,328,150
60+	3,324	132.7	19.2%	257	7.7%	21	0.6	20	0.6%	17	0.5%	2,505,064

¹Transgender persons are also included in the sex at birth categories. ²Black/AA, White, & Multi/Other are non-Latinx, Latinx persons may be of any race but are only included in the Latinx group. Persons with unknown race are excluded: 5 males & 1 female. ³Persons of Arab/Middle Eastern descent may be of any race and are not excluded from the race categories.

Michigan HIV Prevalence December 31, 2020: Demographic Stratification

Demographic	Prevalence December 31, 2020					New diagnoses & HTR, 2020		STD diagnoses among PLWH, 2020				Population counts, 2020 (census)	
	count	PLWH at any Stage (0-3)	rate	MI %	Last CD4 signifies Stage 3	count	HTR	Syphilis	Gonorrhea or Chlamydia	count	prev %		count
HIV transmission risk by gender ¹				count	prev %			count	prev %	count	prev %		
Sex w men	12,259	N/A	70.7%	775	6.3%	299	2.2	473	3.9%	743	6.1%	No data	
Cis men	9,484	N/A	54.7%	565	6.0%	251	1.8	449	4.7%	653	6.9%	No data	
Cis women	2,537	N/A	14.6%	187	7.4%	34	0.2	7	0.3%	53	2.1%	No data	
Transgender	234	N/A	1.3%	23	9.8%	12	0.1	14	6.0%	34	14.5%	No data	
PWID	917	N/A	5.3%	143	15.6%	13	0.8	3	0.3%	15	1.6%	No data	
Cis men	520	N/A	3.0%	77	14.8%	9	0.6	1	0.2%	8	1.5%	No data	
Cis women	397	N/A	2.3%	66	16.6%	4	0.3	2	0.5%	7	1.8%	No data	
Transgender	0	N/A	0.0%	0	.	0	0.0	0	.	0	.	No data	
Sex w men & PWID	682	N/A	3.9%	56	8.2%	12	<0.1	42	6.2%	38	5.6%	No data	
Cis men	664	N/A	3.8%	53	8.0%	12	<0.1	41	6.2%	37	5.6%	No data	
Transgender	18	N/A	0.1%	3	16.7%	0	0.0	1	5.6%	1	5.6%	No data	
Sex w women	729	N/A	4.2%	94	12.9%	16	0.5	3	0.4%	17	2.3%	No data	
Cis men	728	N/A	4.2%	94	12.9%	16	0.5	3	0.4%	17	2.3%	No data	
Transgender	1	N/A	<0.1%	0	0.0%	0	0.0	0	0.0%	0	0.0%	No data	
Perinatal or Pediatric	253	N/A	1.5%	17	6.7%	0	0.0	0	0.0%	10	4.0%	No data	
Cis men	134	N/A	0.8%	12	9.0%	0	0.0	0	0.0%	3	2.2%	No data	
Cis women	119	N/A	0.7%	5	4.2%	0	0.0	0	0.0%	7	5.9%	No data	
Transgender	0	N/A	0.0%	0	.	0	0.0	0	.	0	.	No data	
Other risk	40	N/A	0.2%	4	10.0%	0	N/A	0	0.0%	0	0.0%	No data	
Unknown risk	2,468	N/A	14.2%	256	10.4%	182	N/A	11	0.4%	60	2.4%	No data	
Special populations													
MSM & MSM/PWID	10,149	3,565.4	58.5%	619	6.1%	263	2.6	490	4.8%	690	6.8%	284,653	
15-29 yr old Black/AA men	1,094	11,045.9	6.3%	53	4.8%	110	10.1	111	10.1%	245	22.4%	9,904	
PWID & MSM/PWID	1,599	N/A	9.2%	199	12.4%	25	1.6	45	2.8%	53	3.3%	No data	
15-29 yr olds	70	N/A	0.4%	1	1.4%	12	17.1	8	11.4%	13	18.6%	No data	
Young (15-29 yr old) Black/AA men (YBM) compared to other youth and those 30+ years old													
YBM	1,267	742.0	7.3%	72	5.7%	136	10.7	111	8.8%	259	20.4%	170,761	
Other youth 15-29	852	46.8	4.9%	41	4.8%	95	11.2	27	3.2%	105	12.3%	1,820,875	
30+ yrs old	15,155	243.4	87.4%	1,232	8.1%	291	1.9	394	2.6%	519	3.4%	6,225,931	

¹Risk/Gender Notes: Sex w men total includes 4 PLWH missing gender info. PWID (persons who inject drugs). MSM (men who have sex with men). For additional risk details see [HIV Transmission Risk Category Definitions](#).



The Detroit Metro Area

Residents of the Detroit Metro Area (DMA) living with HIV December 31, 2020

(DMA: Lapeer, Macomb, Monroe, Oakland, St. Clair, & Wayne Counties)

Includes persons in prisons located in the DMA

DMA HIV Prevalence December 31, 2020: Geographic Stratification

Last reported address before year end unless otherwise specified

Region	Prevalence December 31, 2020					New diagnoses & HTR, 2020		STD diagnoses among PLWH, 2020				Population counts, 2020 (census)
	count	rate	MI %	count	prev %	count	HTR	Syphilis		Gonorrhea or Chlamydia		
				Last CD4 signifies Stage 3				count	prev %	count	prev %	
DMA including prisons	11,031	257.7	100.0%	930	8.4%	352	3.2	401	3.6%	668	6.1%	4,262,369
DMA ¹	10,985	257.7	100.0%	928	8.4%	352	3.2	401	3.7%	668	6.1%	4,262,369
Prison ²	46	N/A	0.4%	2	4.3%	0	N/A	0	0.0%	0	0.0%	No data
Prison History³												
Any prison during 2020	67	N/A	0.6%	4	6.0%	Not calculated		0	0.0%	3	4.5%	No data
Any prison reported since HIV diagnosis	633	N/A	5.8%	85	13.4%	Not calculated		29	4.6%	47	7.4%	No data
Local Health Department (LHD) Jurisdiction												
Detroit LHD ⁴	5,419	710.7	49.3%	541	10.0%	180	3.3	232	4.3%	413	7.6%	762,454
Lapeer Co.	44	50.2	0.4%	2	4.5%	3	6.8	3	6.8%	3	6.8%	87,635
Macomb Co.	1,301	149.4	11.8%	97	7.5%	47	3.6	41	3.2%	68	5.2%	870,791
Monroe Co.	118	78.4	1.1%	12	10.2%	4	3.4	4	3.4%	1	0.8%	150,568
Oakland Co.	2,211	176.4	20.1%	153	6.9%	57	2.6	71	3.2%	94	4.3%	1,253,459
St. Clair Co.	119	74.7	1.1%	15	12.6%	10	8.4	0	0.0%	4	3.4%	159,293
Wayne Co. LHD	1,773	101.9	16.1%	108	6.1%	51	2.9	50	2.8%	85	4.8%	1,740,623
Select Cities: Top 20 DMA cities with largest HIV counts												
Canton	105	111.3	1.0%	5	4.8%	2	1.9	4	3.8%	3	2.9%	94,330
Clinton Township	181	181.4	1.6%	10	5.5%	6	3.3	7	3.9%	10	5.5%	99,792
Dearborn	112	120.0	1.0%	4	3.6%	6	5.4	4	3.6%	5	4.5%	93,367
Detroit	4,996	750.9	45.5%	498	10.0%	173	3.5	217	4.3%	390	7.8%	665,369
Eastpointe	138	435.1	1.3%	12	8.7%	6	4.3	6	4.3%	10	7.2%	31,720
Farmington Hills	103	128.7	0.9%	7	6.8%	0	0.0	1	1.0%	2	1.9%	80,017
Ferndale	134	663.4	1.2%	7	5.2%	2	1.5	4	3.0%	6	4.5%	20,198
Highland Park	200	1,867.1	1.8%	24	12.0%	5	2.5	5	2.5%	11	5.5%	10,712

Cities continued on next page

¹Detroit Metro Area (DMA) includes Lapeer, Macomb, Monroe, Oakland, St. Clair, and Wayne Counties. Prisons are excluded. ²Persons in prisons (state or federal) located in the DMA. Reported separately for geographic stratification. ³Prison History is not restricted to last reported address. ⁴Detroit LHD includes the cities of Detroit, Hamtramck, Harper Woods, Highland Park, & the Grosse Pointes. Detroit, under "select cities", includes only residents of the city of Detroit.

DMA HIV Prevalence December 31, 2020: Geographic Stratification

Last reported address before year end unless otherwise specified

Region	Prevalence December 31, 2020					New diagnoses & HTR, 2020		STD diagnoses among PLWH, 2020				Population counts, 2020 (census)
	PLWH at any Stage (0-3)		MI %	Last CD4 signifies Stage 3		count	HTR	Syphilis		Gonorrhea or Chlamydia		
	count	rate		count	prev %			count	HTR	count	prev %	count
Select Cities , continued from previous page												
Inkster	165	684.2	1.5%	9	5.5%	3	1.8	5	3.0%	12	7.3%	24,115
Oak Park	124	423.3	1.1%	7	5.6%	3	2.4	8	6.5%	9	7.3%	29,293
Pontiac	343	582.2	3.1%	38	11.1%	9	2.6	11	3.2%	16	4.7%	58,911
Redford	169	365.1	1.5%	7	4.1%	6	3.6	3	1.8%	13	7.7%	46,291
Romulus	93	395.3	0.8%	6	6.5%	9	9.7	3	3.2%	4	4.3%	23,528
Roseville	108	232.1	1.0%	10	9.3%	4	3.7	2	1.9%	7	6.5%	46,535
Royal Oak	156	254.3	1.4%	10	6.4%	2	1.3	6	3.8%	6	3.8%	61,355
Southfield	401	461.9	3.7%	29	7.2%	9	2.2	17	4.2%	23	5.7%	86,822
Sterling Heights	108	82.0	1.0%	4	3.7%	5	4.6	3	2.8%	6	5.6%	131,709
Taylor	145	239.4	1.3%	8	5.5%	5	3.4	6	4.1%	9	6.2%	60,576
Warren	351	264.2	3.2%	26	7.4%	13	3.7	11	3.1%	23	6.6%	132,877
Westland	195	240.4	1.8%	15	7.7%	6	3.1	6	3.1%	9	4.6%	81,116

DMA HIV Prevalence December 31, 2020: Demographic Stratification

Demographic	Prevalence December 31, 2020					New diagnoses & HTR, 2020		STD diagnoses among PLWH, 2020				Population counts, 2020 (census)
	PLWH at any Stage (0-3)			Last CD4 signifies Stage 3		count	HTR	Syphilis		Gonorrhea or Chlamydia		
Sex assumed at birth	count	rate	MI %	count	prev %					count	prev %	count
Male	8,755	421.9	79.7%	709	8.1%	305	2.8	394	4.5%	619	7.1%	2,074,944
Female	2,276	104.0	20.7%	221	9.7%	47	0.4	7	0.3%	49	2.2%	2,187,425
Transgender ¹	196	N/A	1.8%	24	12.2%	10	0.1	12	6.1%	34	17.3%	No data
Race & Latinx ethnicity by sex assumed at birth²												
Black/AA overall	7,374	744.8	67.1%	688	9.3%	247	3.3	294	4.0%	540	7.3%	990,129
Black/AA males	5,586	1,227.6	50.9%	511	9.1%	210	2.8	292	5.2%	504	9.0%	455,044
Black/AA females	1,788	334.2	16.3%	177	9.9%	37	0.5	2	0.1%	36	2.0%	535,085
Latinx overall	543	262.7	4.9%	50	9.2%	17	3.1	25	4.6%	30	5.5%	206,715
Latinx males	440	421.2	4.0%	39	8.9%	16	2.9	24	5.5%	26	5.9%	104,468
Latinx females	103	100.7	0.9%	11	10.7%	1	0.2	1	1.0%	4	3.9%	102,247
White overall	2,707	95.8	24.6%	171	6.3%	76	2.8	59	2.2%	74	2.7%	2,826,808
White males	2,398	171.7	21.8%	143	6.0%	68	2.5	57	2.4%	67	2.8%	1,396,232
White females	309	21.6	2.8%	28	9.1%	8	0.3	2	0.6%	7	2.3%	1,430,576
Multi/other overall	403	168.8	3.7%	21	5.2%	11	2.7	23	5.7%	24	6.0%	238,717
Multi/other males	328	275.2	3.0%	16	4.9%	10	2.5	21	6.4%	22	6.7%	119,200
Multi/other females	75	62.8	0.7%	5	6.7%	1	0.2	2	2.7%	2	2.7%	119,517
Other ethnicity and country of birth												
Arab/Mid E descent ³	81	N/A	0.7%	1	1.2%	5	6.2	4	4.9%	4	4.9%	No data
Foreign born	396	N/A	3.6%	31	7.8%	8	N/A	12	3.0%	13	3.3%	No data
Age at year end												
00-14	23	3.0	0.2%	0	0.0%	0	0.0	0	0.0%	0	0.0%	762,726
15-19	44	17.1	0.4%	0	0.0%	18	40.9	5	11.4%	17	38.6%	256,561
20-29	1,409	252.1	12.8%	93	6.6%	156	11.1	109	7.7%	270	19.2%	558,923
30-39	2,539	467.9	23.1%	217	8.5%	87	3.4	151	5.9%	251	9.9%	542,585
40-49	2,086	401.6	19.0%	208	10.0%	38	1.8	76	3.6%	75	3.6%	519,424
50-59	2,864	487.0	26.1%	229	8.0%	40	1.4	48	1.7%	47	1.6%	588,096
60+	2,066	199.8	18.8%	183	8.9%	13	0.6	12	0.6%	8	0.4%	1,034,054

¹Transgender persons are also included in the sex at birth categories. ²Black/AA, White, & Multi/Other are non-Latinx, Latinx persons may be of any race but are only included in the Latinx group. Persons with unknown race are excluded: 3 males & 1 female. ³Persons of Arab/Middle Eastern descent may be of any race and are not excluded from the race categories.

DMA HIV Prevalence December 31, 2020: Demographic Stratification

Demographic	Prevalence December 31, 2020					New diagnoses & HTR, 2020		STD diagnoses among PLWH, 2020				Population counts, 2020 (census)
	count	PLWH at any Stage (0-3) rate	MI %	Last CD4 signifies Stage 3 count	prev %	count	HTR	Syphilis count	prev %	Gonorrhea or Chlamydia count	prev %	
HIV transmission risk by gender¹												
Sex w men	7,857	N/A	71.5%	549	7.0%	212	2.4	358	4.6%	566	7.2%	No data
Cis men	6,055	N/A	55.1%	393	6.5%	181	2.1	339	5.6%	497	8.2%	No data
Cis women	1,623	N/A	14.8%	135	8.3%	20	0.2	5	0.3%	34	2.1%	No data
Transgender	177	N/A	1.6%	21	11.9%	9	0.1	12	6.8%	33	18.6%	No data
PWID	603	N/A	5.5%	100	16.6%	7	0.7	3	0.5%	9	1.5%	No data
Cis men	331	N/A	3.0%	48	14.5%	5	0.5	1	0.3%	6	1.8%	No data
Cis women	272	N/A	2.5%	52	19.1%	2	0.2	2	0.7%	3	1.1%	No data
Transgender	0	N/A	0.0%	0	.	0	0.0	0	.	0	.	No data
Sex w men & PWID	378	N/A	3.4%	31	8.2%	10	0.1	30	7.9%	27	7.1%	No data
Cis men	368	N/A	3.4%	29	7.9%	10	0.1	30	8.2%	27	7.3%	No data
Transgender	10	N/A	<0.1%	2	20.0%	0	0.0	0	0.0%	0	0.0%	No data
Sex w women	445	N/A	4.1%	57	12.8%	14	0.6	3	0.7%	15	3.4%	No data
Cis men	444	N/A	4.0%	57	12.8%	14	0.6	3	0.7%	15	3.4%	No data
Transgender	1	N/A	<0.1%	0	0.0%	0	0.0	0	0.0%	0	0.0%	No data
Perinatal or Pediatric	109	N/A	1.0%	15	13.8%	0	0.0	0	0.0%	7	6.4%	No data
Cis men	62	N/A	0.6%	10	16.1%	0	0.0	0	0.0%	2	3.2%	No data
Cis women	47	N/A	0.4%	5	10.6%	0	0.0	0	0.0%	5	10.6%	No data
Transgender	0	N/A	0.0%	0	.	0	0.0	0	.	0	.	No data
Other risk	18	N/A	0.2%	3	16.7%	0	N/A	0	0.0%	0	0.0%	No data
Unknown risk	1,621	N/A	14.8%	175	10.8%	109	N/A	7	0.4%	44	2.7%	No data
Special populations												
MSM & MSM/PWID	6,424	5,337.9	58.5%	423	6.6%	191	3.0	369	5.7%	524	8.2%	120,347
15-29 yr old Black/AA men	858	14,060.9	7.8%	47	5.5%	95	11.1	96	11.2%	204	23.8%	6,102
PWID & MSM/PWID	981	N/A	8.9%	131	13.4%	17	1.7	33	3.4%	36	3.7%	No data
15-29 yr olds	43	N/A	0.4%	1	2.3%	9	20.9	8	18.6%	10	23.3%	No data
Young (15-29 yr old) Black/AA men (YBM) compared to other youth and those 30+ years old												
YBM	975	926.7	8.9%	63	6.5%	115	11.8	96	9.8%	214	21.9%	105,207
Other youth 15-29	478	67.3	4.4%	30	6.3%	59	12.3	18	3.8%	73	15.3%	710,277
30+ yrs old	9,555	356.0	87.0%	837	8.8%	178	1.9	287	3.0%	381	4.0%	2,684,159

¹Risk/Gender Notes: Sex w men total includes 2 PLWH missing gender info. PWID (persons who inject drugs). MSM (men who have sex with men). For additional risk details see [HIV Transmission Risk Category Definitions](#).



Detroit LHD Jurisdiction

Residents of the Detroit Health Department's Jurisdiction living with HIV December 31, 2020

(Detroit LHD: Detroit Hamtramck, Harper Woods, Highland Park, & the Grosse Pointes)

Includes persons in prisons located in the Detroit LHD Jurisdiction

Detroit LHD HIV Prevalence December 31, 2020: Geographic Stratification

Last reported address before year end unless otherwise specified

Region	Prevalence December 31, 2020					New diagnoses & HTR, 2020		STD diagnoses among PLWH, 2020				Population counts, 2019 (census)
	PLWH at any Stage (0-3)			Last CD4 signifies Stage 3		count	HTR	Syphilis		Gonorrhea or Chlamydia		
	count	rate	MI %	count	prev %					count	prev %	count
Detroit LHD incl prisons	5,434	710.7	100.0%	541	10.0%	180	3.3	232	4.3%	413	7.6%	762,454
Detroit LHD ¹	5,419	710.7	100.0%	541	10.0%	180	3.3	232	4.3%	413	7.6%	762,454
Prison ²	15	N/A	0.3%	0	0.0%	Not calculated		0	0.0%	0	0.0%	No data
Prison History³												
Any prison during 2020	26	N/A	0.5%	2	7.7%	Not calculated		0	0.0%	2	7.7%	No data
Any prison reported since HIV diagnosis	392	N/A	7.2%	54	13.8%	Not calculated		20	5.1%	35	8.9%	No data
Cities												
Detroit	4,996	750.9	92.2%	498	10.0%	173	3.5	217	4.3%	390	7.8%	665,369
Grosse Pointes	68	168.4	1.3%	4	5.9%	0	0.0	1	1.5%	2	2.9%	40,371
Hamtramck	91	424.5	1.7%	10	11.0%	0	0.0	8	8.8%	4	4.4%	21,438
Harper Woods	64	468.8	1.2%	5	7.8%	2	3.1	1	1.6%	6	9.4%	13,651
Highland Park	200	1,867.1	3.7%	24	12.0%	5	2.5	5	2.5%	11	5.5%	10,712

¹Detroit LHD includes the cities of Detroit, Hamtramck, Harper Woods, Highland Park, & the Grosse Pointes. Detroit, under "select cities", includes only residents of the city of Detroit. ²Persons in prisons (state or federal) located in the Detroit LHD Jurisdiction. Reported separately for geographic stratification. ³Prison History is not restricted to last reported address.

Detroit LHD HIV Prevalence December 31, 2020: Demographic Stratification

Demographic	Prevalence December 31, 2020					New diagnoses & HTR, 2020		STD diagnoses among PLWH, 2020				Population counts, 2019 (census)
	PLWH at any Stage (0-3)			Last CD4 signifies Stage 3		count	HTR	Syphilis		Gonorrhea or Chlamydia		
Sex assumed at birth	count	rate	MI %	count	prev %			count	HTR	count	prev %	count
Male	4,179	1,150.6	77.1%	390	9.3%	152	2.8	227	5.4%	377	9.0%	363,201
Female	1,255	314.3	23.2%	151	12.0%	28	0.5	5	0.4%	36	2.9%	399,253
Transgender ¹	128	N/A	2.4%	18	14.1%	7	0.1	10	7.8%	28	21.9%	No data
Race & Latinx ethnicity by sex assumed at birth²												
Black/AA overall	4,721	859.6	87.1%	483	10.2%	156	3.3	201	4.3%	367	7.8%	549,177
Black/AA males	3,590	1,412.3	66.2%	347	9.7%	133	2.8	199	5.5%	336	9.4%	254,192
Black/AA females	1,131	383.4	20.9%	136	12.0%	23	0.5	2	0.2%	31	2.7%	294,988
Latinx overall	223	419.1	4.1%	21	9.4%	6	2.7	15	6.7%	12	5.4%	53,215
Latinx males	175	636.7	3.2%	15	8.6%	5	2.2	14	8.0%	10	5.7%	27,486
Latinx females	48	186.6	0.9%	6	12.5%	1	0.4	1	2.1%	2	4.2%	25,729
White overall	347	279.3	6.4%	25	7.2%	11	3.2	4	1.2%	22	6.3%	124,218
White males	298	465.8	5.5%	19	6.4%	8	2.3	3	1.0%	19	6.4%	63,976
White females	49	81.3	0.9%	6	12.2%	3	0.9	1	2.0%	3	6.1%	60,242
Multi/other overall	143	399.0	2.6%	12	8.4%	7	4.9	12	8.4%	12	8.4%	35,841
Multi/other males	116	661.1	2.1%	9	7.8%	6	4.2	11	9.5%	12	10.3%	17,547
Multi/other females	27	147.6	0.5%	3	11.1%	1	0.7	1	3.7%	0	0.0%	18,294
Other ethnicity and country of birth												
Arab/Mid E descent ³	14	N/A	0.3%	0	0.0%	1	7.1	0	0.0%	0	0.0%	No data
Foreign born	94	N/A	1.7%	11	11.7%	1	N/A	3	3.2%	2	2.1%	No data
Age at year end												
00-14	11	N/A	0.2%	0	0.0%	0	0.0	0	0.0%	0	0.0%	No data
15-19	23	N/A	0.4%	0	0.0%	7	30.4	3	13.0%	10	43.5%	No data
20-29	743	N/A	13.7%	56	7.5%	85	11.4	62	8.3%	163	21.9%	No data
30-39	1,332	N/A	24.6%	131	9.8%	45	3.4	100	7.5%	160	12.0%	No data
40-49	1,008	N/A	18.6%	124	12.3%	15	1.5	33	3.3%	47	4.7%	No data
50-59	1,314	N/A	24.2%	120	9.1%	21	1.6	28	2.1%	29	2.2%	No data
60+	1,003	N/A	18.5%	110	11.0%	7	0.7	6	0.6%	4	0.4%	No data

¹Transgender persons are also included in the sex at birth categories. ²Black/AA, White, & Multi/Other are non-Latinx, Latinx persons may be of any race but are only included in the Latinx group. Persons with unknown race are excluded: 4 males & 1 female. ³Persons of Arab/Middle Eastern descent may be of any race and are not excluded from the race categories.

Detroit LHD HIV Prevalence December 31, 2020: Demographic Stratification

Demographic	Prevalence December 31, 2020					New diagnoses & HTR, 2020		STD diagnoses among PLWH, 2020				Population counts, 2019 (census)
	count	PLWH at any Stage (0-3)	rate	MI %	Last CD4 signifies Stage 3	count	HTR	Syphilis		Gonorrhea or Chlamydia		
HIV transmission risk by gender ¹				count	prev %			count	prev %	count	prev %	
Sex w men	3,700	N/A	68.3%	316	8.5%	106	2.5	209	5.6%	345	9.3%	No data
Cis men	2,722	N/A	50.2%	210	7.7%	90	2.2	195	7.2%	292	10.7%	No data
Cis women	859	N/A	15.9%	90	10.5%	9	0.2	4	0.5%	26	3.0%	No data
Transgender	119	N/A	2.2%	16	13.4%	7	0.2	10	8.4%	27	22.7%	No data
PWID	366	N/A	6.8%	73	19.9%	2	0.4	2	0.5%	6	1.6%	No data
Cis men	191	N/A	3.5%	32	16.8%	1	0.2	1	0.5%	5	2.6%	No data
Cis women	175	N/A	3.2%	41	23.4%	1	0.2	1	0.6%	1	0.6%	No data
Transgender	0	N/A	0.0%	0	.	0	0.0	0	.	0	.	No data
Sex w men & PWID	177	N/A	3.3%	19	10.7%	2	<0.1	14	7.9%	18	10.2%	No data
Cis men	174	N/A	3.2%	18	10.3%	2	<0.1	14	8.0%	18	10.3%	No data
Transgender	3	N/A	<0.1%	1	33.3%	0	0.0	0	0.0%	0	0.0%	No data
Sex w women	241	N/A	4.4%	34	14.1%	12	1.0	3	1.2%	11	4.6%	No data
Cis men	241	N/A	4.4%	34	14.1%	12	1.0	3	1.2%	11	4.6%	No data
Transgender	0	N/A	0.0%	0	.	0	0.0	0	.	0	.	No data
Perinatal or Pediatric	53	N/A	1.0%	8	15.1%	0	0.0	0	0.0%	5	9.4%	No data
Cis men	32	N/A	0.6%	7	21.9%	0	0.0	0	0.0%	2	6.3%	No data
Cis women	21	N/A	0.4%	1	4.8%	0	0.0	0	0.0%	3	14.3%	No data
Transgender	0	N/A	0.0%	0	.	0	0.0	0	.	0	.	No data
Other risk	3	N/A	<0.1%	0	0.0%	0	N/A	0	0.0%	0	0.0%	No data
Unknown risk	894	N/A	16.5%	91	10.2%	58	N/A	4	0.4%	28	3.1%	No data
Special populations												
MSM & MSM/PWID	2,897	13,752.2	53.5%	229	7.9%	92	3.2	209	7.2%	310	10.7%	21,066
15-29 yr old Black/AA men	497	14,171.1	9.2%	31	6.2%	57	11.5	57	11.5%	126	25.4%	3,507
PWID & MSM/PWID	543	N/A	10.0%	92	16.9%	4	0.7	16	2.9%	24	4.4%	No data
15-29 yr olds	17	N/A	0.3%	1	5.9%	1	5.9	6	35.3%	6	35.3%	No data
Young (15-29 yr old) Black/AA men (YBM) compared to other youth and those 30+ years old												
YBM	574	949.3	10.6%	40	7.0%	69	12.0	57	9.9%	133	23.2%	60,468
Other youth 15-29	192	168.0	3.5%	16	8.3%	23	12.0	8	4.2%	40	20.8%	114,313
30+ yrs old	4,657	1,087.6	85.9%	485	10.4%	88	1.9	167	3.6%	240	5.2%	428,201

¹Risk/Gender Notes: PWID (persons who inject drugs). MSM (men who have sex with men). For additional risk details see [HIV Transmission Risk Category Definitions](#).