



Annual HIV Prevalence Report, Persons living with HIV December 31, 2021

Data as of July 2022

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



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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, 2021					New diagnoses & HTR, 2021		STD diagnoses among PLWH, 2021				Population counts, 2020 (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
	A	B	C	D	E	F	G	H	I	J	K	L

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 during 2020. 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 CD4 Model v4.0 method it is estimated that in 2020, 14.7% of PLWH in Michigan 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. Prevalence estimates for sex, age, race, and select transmission categories are also calculated, but are less reliable due to assumption violations (and therefore not reported). However, 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, 2021

The HIV Epidemic in Michigan, 1981 - present

	New diagnoses			Year end prevalence ³			HIV as	
	Count	HTR ¹	Late diagnoses ²	Reported	Estimated undiagnosed	Last CD4 Stage 3 ⁴	All-cause deaths	underlying cause ⁵
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	398	99.7	24%	399	--	--	76	--
1986	498	64.0	29%	778	--	--	119	--
1987	736	56.4	41%	1,304	--	--	210	73%
1988	905	47.3	50%	1,912	--	--	297	70%
1989	1,308	46.7	46%	2,800	--	--	420	77%
1990	1,462	38.6	45%	3,786	--	--	476	71%
1991	1,448	31.0	45%	4,671	--	--	563	74%
1992	1,523	27.8	40%	5,487	--	--	707	73%
1993	1,300	22.0	40%	5,908	--	--	879	76%
1994	1,232	20.0	42%	6,161	--	--	979	79%
1995	1,191	18.8	44%	6,332	--	--	1,020	80%
1996	1,127	16.7	39%	6,747	--	--	712	73%
1997	1,042	14.3	36%	7,291	--	--	498	63%
1998	901	11.6	39%	7,767	--	--	425	63%
1999	724	9.0	40%	8,082	--	--	409	59%
2000	907	10.6	36%	8,573	--	--	416	61%
2001	854	9.5	37%	8,990	--	--	437	61%
2002	746	8.0	34%	9,314	--	--	422	57%
2003	833	8.6	37%	9,733	--	--	414	56%
2004	864	8.5	32%	10,210	--	--	387	58%
2005	874	8.2	34%	10,695	--	--	389	59%
2006	773	7.0	29%	11,095	--	--	373	53%
2007	781	6.8	29%	11,514	--	--	362	54%
2008	775	6.5	27%	11,914	--	--	375	53%
2009	802	6.5	24%	12,409	--	--	307	49%
2010	761	5.9	28%	12,859	--	--	311	49%
2011	774	5.8	24%	13,317	--	--	316	42%
2012	792	5.8	22%	13,765	--	--	344	43%
2013	749	5.3	27%	14,216	--	--	298	43%
2014	782	5.3	23%	14,839	18.9%	12%	295	37%
2015	722	5.0	22%	14,359	19.4%	11%	316	37%
2016	737	4.7	23%	15,534	17.7%	10%	295	34%
2017	766	4.8	19%	15,832	16.9%	9%	303	31%
2018	710	4.4	23%	16,168	16.2%	9%	340	24%
2019	666	3.9	22%	16,913	15.1%	8%	314	26%
2020	518	3.0	19%	17,295	14.7%	8%	354	21%
2021	638	3.6	17%	17,870	not avail.	8%	not avail.	--

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. ⁴Subet of year end prevalence. Only measured after current address is consistently available (2014). on death certificate ICD codes (may be underreported). ⁵Based on death certificate ICD codes (may be underreported).

Michigan HIV Prevalence December 31, 2021: Geographic Stratification

Last reported address before year end unless otherwise specified

Region	Prevalence December 31, 2021					New diagnoses & HTR, 2021		STI diagnoses among PLWH, 2021				Population counts, 2020 (census)
	PLWH at any Stage (0-3)			Last CD4 signifies Stage 3		count	HTR	Syphilis		Gonorrhea or Chlamydia		
	count	rate	MI %	count	prev %	count	HTR	count	prev %	count	prev %	
Michigan	17,870	179.3	100.0%	1,351	7.6%	638	3.6	693	3.9%	931	5.2%	9,966,555
DMA ¹	11,336	266.0	63.4%	918	8.1%	411	3.6	516	4.6%	686	6.1%	4,262,369
Outstate ²	6,270	109.9	35.1%	424	6.8%	214	3.4	171	2.7%	244	3.9%	5,704,186
Prison ³	264	N/A	1.5%	9	3.4%	12	N/A	6	2.3%	1	0.4%	No data
Prison History⁴												
Any prison during 2021	304	N/A	1.7%	12	3.9%	Not calculated		9	3.0%	5	1.6%	No data
Any prison reported since HIV diagnosis	1,146	N/A	6.4%	135	11.8%	Not calculated		41	3.6%	55	4.8%	No data
Local Health Department (LHD) Jurisdiction												
Allegan Co.	130	109.3	0.7%	9	6.9%	5	3.8	6	4.6%	4	3.1%	118,927
Barry-Eaton	136	79.0	0.8%	8	5.9%	13	9.6	5	3.7%	9	6.6%	172,209
Berrien Co.	250	163.4	1.4%	20	8.0%	8	3.2	3	1.2%	4	1.6%	153,025
Branch-Hillsdale-St. Joseph	84	56.0	0.5%	8	9.5%	4	4.8	0	0.0%	3	3.6%	149,930
Calhoun Co.	212	158.7	1.2%	14	6.6%	5	2.4	6	2.8%	5	2.4%	133,580
Central Michigan ⁵	822	68.2	4.6%	46	5.6%	17	2.1	18	2.2%	16	1.9%	1,205,275
Detroit LHD ⁶	5,584	735.2	31.2%	528	9.5%	191	3.4	288	5.2%	389	7.0%	759,542
Genesee Co.	616	152.2	3.4%	48	7.8%	31	5.0	28	4.5%	30	4.9%	404,794
Ingham Co.	475	163.4	2.7%	37	7.8%	23	4.8	14	2.9%	16	3.4%	290,609
Ionia Co.	42	65.1	0.2%	2	4.8%	2	4.8	0	0.0%	1	2.4%	64,553
Jackson Co.	183	116.6	1.0%	12	6.6%	8	4.4	4	2.2%	5	2.7%	156,920
Kalamazoo Co.	432	162.4	2.4%	34	7.9%	15	3.5	19	4.4%	28	6.5%	265,988
Kent Co.	1,149	174.4	6.4%	79	6.9%	37	3.2	32	2.8%	64	5.6%	658,708
Lapeer Co.	52	59.3	0.3%	2	3.8%	1	1.9	0	0.0%	1	1.9%	87,635
Lenawee Co.	55	56.2	0.3%	4	7.3%	2	3.6	0	0.0%	1	1.8%	97,808

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, 2021: Geographic Stratification

Last reported address before year end unless otherwise specified

Region	Prevalence December 31, 2021					New diagnoses & HTR, 2021		STI diagnoses among PLWH, 2021				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
Local Health Department (LHD) Jurisdiction, continued from previous page												
Livingston Co.	98	51.0	0.5%	4	4.1%	1	1.0	1	1.0%	2	2.0%	192,335
Macomb Co.	1,358	156.0	7.6%	98	7.2%	62	4.6	64	4.7%	83	6.1%	870,791
Marquette ¹	162	54.7	0.9%	16	9.9%	4	2.5	3	1.9%	1	0.6%	296,181
Monroe Co.	130	86.3	0.7%	13	10.0%	9	6.9	5	3.8%	1	0.8%	150,568
Muskegon Co.	195	112.1	1.1%	15	7.7%	4	2.1	2	1.0%	10	5.1%	173,883
Oakland Co.	2,246	179.2	12.6%	154	6.9%	75	3.3	82	3.7%	94	4.2%	1,253,459
Ottawa Co.	163	55.3	0.9%	8	4.9%	4	2.5	2	1.2%	5	3.1%	294,635
Saginaw Co.	255	134.3	1.4%	17	6.7%	4	1.6	8	3.1%	12	4.7%	189,868
Shiawassee Co.	50	73.8	0.3%	2	4.0%	0	0.0	0	0.0%	0	0.0%	67,738
St. Clair Co.	121	76.0	0.7%	14	11.6%	2	1.7	3	2.5%	6	5.0%	159,293
The Thumb ²	46	37.2	0.3%	3	6.5%	0	0.0	0	0.0%	0	0.0%	123,689
Van Buren-Cass	100	78.7	0.6%	11	11.0%	3	3.0	3	3.0%	4	4.0%	127,058
Washtenaw Co.	615	167.8	3.4%	27	4.4%	24	3.9	17	2.8%	24	3.9%	366,473
Wayne Co. LHD	1,845	188.1	10.3%	109	5.9%	71	3.8	74	4.0%	112	6.1%	981,081
Metropolitan Statistical Areas (MSA's)³												
Ann Arbor	615	167.8	3.4%	27	4.4%	24	3.9	17	2.8%	24	3.9%	366,473
Battle Creek	212	158.7	1.2%	14	6.6%	5	2.4	6	2.8%	5	2.4%	133,580
Bay City	91	88.9	0.5%	4	4.4%	1	1.1	3	3.3%	0	0.0%	102,387
Detroit-Warren-Dearborn	11,304	262.6	63.3%	909	8.0%	403	3.6	512	4.5%	687	6.1%	4,304,136
Flint	616	152.2	3.4%	48	7.8%	31	5.0	28	4.5%	30	4.9%	404,794
Grand Rapids-Wyoming	1,375	127.4	7.7%	93	6.8%	48	3.5	35	2.5%	73	5.3%	1,078,880
Jackson	183	116.6	1.0%	12	6.6%	8	4.4	4	2.2%	5	2.7%	156,920
Kalamazoo-Portage	504	147.6	2.8%	43	8.5%	16	3.2	21	4.2%	31	6.2%	341,462
Lansing-E Lansing	653	135.9	3.7%	44	6.7%	32	4.9	22	3.4%	26	4.0%	480,510
Midland	42	50.3	0.2%	5	11.9%	0	0.0	2	4.8%	0	0.0%	83,441

MSA's continued on next page

¹Marquette LHD includes the entire upper peninsula. ²The Thumb includes Huron, Sanilac, and Tuscola Counties.

³MSA designations: https://www2.census.gov/geo/maps/metroarea/stcbsa_pg/Feb2013/cbsa2013_MI.pdf

Michigan HIV Prevalence December 31, 2021: Geographic Stratification

Last reported address before year end unless otherwise specified

Region	Prevalence December 31, 2021					New diagnoses & HTR, 2021		STI diagnoses among PLWH, 2021				Population counts, 2020 (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	prev %		
Metropolitan Statistical Areas (MSA's)¹, continued from previous page													
Monroe	130	86.3	0.7%	13	10.0%	9	6.9	5	3.8%	0	1	0.8%	150,568
Muskegon	195	112.1	1.1%	15	7.7%	4	2.1	2	1.0%	0	10	5.1%	173,883
Niles-Benton Harbor	250	163.4	1.4%	20	8.0%	8	3.2	3	1.2%	0	4	1.6%	153,025
Saginaw	255	134.3	1.4%	17	6.7%	4	1.6	8	3.1%	0	12	4.7%	189,868
Micropolitan Area	752	66.3	4.2%	47	6.3%	23	3.1	15	2.0%	0	15	2.0%	1,133,506
Rural	429	60.2	2.4%	31	7.2%	9	2.1	4	0.9%	0	7	1.6%	713,122
Select Cities: Top 20 Michigan cities with largest HIV counts													
Ann Arbor	236	190.7	1.3%	8	3.4%	9	3.8	3	1.3%		7	3.0%	123,778
Battle Creek	158	311.0	0.9%	13	8.2%	9	5.7	5	3.2%		5	3.2%	50,799
Clinton Township	176	176.4	1.0%	10	5.7%	10	5.7	8	4.5%		5	2.8%	99,792
Detroit	5,164	776.1	28.9%	492	9.5%	181	3.5	260	5.0%		360	7.0%	665,369
Flint	417	333.2	2.3%	29	7.0%	21	5.0	26	6.2%		27	6.5%	125,158
Grand Rapids	856	391.1	4.8%	64	7.5%	24	2.8	23	2.7%		53	6.2%	218,884
Highland Park	198	1,848.4	1.1%	21	10.6%	6	3.0	13	6.6%		13	6.6%	10,712
Inkster	157	651.0	0.9%	11	7.0%	3	1.9	6	3.8%		10	6.4%	24,115
Jackson	151	466.4	0.8%	12	7.9%	9	6.0	4	2.6%		4	2.6%	32,374
Kalamazoo	340	344.8	1.9%	28	8.2%	14	4.1	16	4.7%		26	7.6%	98,617
Lansing	465	369.9	2.6%	36	7.7%	22	4.7	18	3.9%		19	4.1%	125,700
Muskegon	160	293.7	0.9%	13	8.1%	4	2.5	2	1.3%		6	3.8%	54,483
Pontiac	339	575.4	1.9%	36	10.6%	8	2.4	6	1.8%		16	4.7%	58,911
Redford	182	393.2	1.0%	8	4.4%	6	3.3	9	4.9%		18	9.9%	46,291
Royal Oak	152	247.7	0.9%	11	7.2%	7	4.6	2	1.3%		3	2.0%	61,355
Saginaw	231	266.0	1.3%	15	6.5%	4	1.7	8	3.5%		11	4.8%	86,832
Southfield	390	449.2	2.2%	23	5.9%	11	2.8	19	4.9%		28	7.2%	86,822
Warren	368	276.9	2.1%	23	6.3%	15	4.1	10	2.7%		31	8.4%	132,877
Westland	192	236.7	1.1%	15	7.8%	8	4.2	8	4.2%		11	5.7%	81,116
Ypsilanti	330	439.9	1.8%	19	5.8%	11	3.3	14	4.2%		16	4.8%	75,012

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

Michigan HIV Prevalence December 31, 2021: Demographic Stratification

Demographic	Prevalence December 31, 2021					New diagnoses & HTR, 2021		STI diagnoses among PLWH, 2021				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	14,268	290.7	79.8%	1,052	7.4%	538	3.0	675	4.7%	864	6.1%	4,907,813
Female	3,602	71.2	20.2%	299	8.3%	100	0.6	18	0.5%	67	1.9%	5,058,742
Transgender ¹	277	N/A	1.6%	27	9.7%	12	0.1	33	11.9%	29	10.5%	No data
Race & Latinx ethnicity by sex assumed at birth²												
Black/AA overall	9,783	671.5	54.7%	853	8.7%	344	3.5	455	4.7%	650	6.6%	1,456,824
Black/AA males	7,334	1,059.9	41.0%	635	8.7%	283	2.9	447	6.1%	604	8.2%	691,951
Black/AA females	2,449	320.2	13.7%	218	8.9%	61	0.6	8	0.3%	46	1.9%	764,873
Latinx overall	1,230	226.9	6.9%	93	7.6%	47	3.8	52	4.2%	63	5.1%	542,105
Latinx males	1,014	368.1	5.7%	78	7.7%	43	3.5	49	4.8%	57	5.6%	275,468
Latinx females	216	81.0	1.2%	15	6.9%	4	0.3	3	1.4%	6	2.8%	266,637
White overall	6,084	80.7	34.0%	361	5.9%	218	3.6	148	2.4%	183	3.0%	7,534,869
White males	5,307	142.4	29.7%	305	5.7%	184	3.0	142	2.7%	168	3.2%	3,726,688
White females	777	20.4	4.3%	56	7.2%	34	0.6	6	0.8%	15	1.9%	3,808,181
Multi/other overall	769	177.7	4.3%	44	5.7%	28	3.6	38	4.9%	35	4.6%	432,757
Multi/other males	610	285.4	3.4%	34	5.6%	27	3.5	37	6.1%	35	5.7%	213,706
Multi/other females	159	72.6	0.9%	10	6.3%	1	0.1	1	0.6%	0	0.0%	219,051
Other ethnicity and country of birth												
Arab/Mid E descent ³	96	N/A	0.5%	4	4.2%	4	4.2	2	2.1%	10	10.4%	No data
Foreign born	1,072	N/A	6.0%	77	7.2%	18	N/A	23	2.1%	29	2.7%	No data
Age at year end												
00-14	67	3.8	0.4%	0	0.0%	2	3.0	0	0.0%	0	0.0%	1,748,988
15-19	80	12.6	0.4%	0	0.0%	31	38.8	4	5.0%	16	20.0%	633,603
20-29	1,933	142.3	10.8%	100	5.2%	230	11.9	170	8.8%	308	15.9%	1,358,033
30-39	4,016	326.6	22.5%	295	7.3%	186	4.6	285	7.1%	385	9.6%	1,229,514
40-49	3,326	285.9	18.6%	274	8.2%	87	2.6	103	3.1%	115	3.5%	1,163,203
50-59	4,705	354.3	26.3%	388	8.2%	73	1.6	89	1.9%	81	1.7%	1,328,150
60+	3,743	149.4	20.9%	294	7.9%	29	0.8	42	1.1%	26	0.7%	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: 3 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, 2021: Demographic Stratification

Demographic	Prevalence December 31, 2021					New diagnoses & HTR, 2021		STI diagnoses among PLWH, 2021				Population counts, 2020 (census)
	count	rate	MI %	count	prev %	count	HTR	count	prev %	count	prev %	
HIV transmission risk by gender¹												
Sex w men	12,702	N/A	71.1%	790	6.2%	383	2.7	605	4.8%	787	6.2%	No data
Cis men	9,879	N/A	55.3%	583	5.9%	322	2.3	566	5.7%	714	7.2%	No data
Cis women	2,579	N/A	14.4%	185	7.2%	51	0.4	10	0.4%	46	1.8%	No data
Transgender	244	N/A	1.4%	22	9.0%	0	0.0	29	11.9%	27	11.1%	No data
PWID	900	N/A	5.0%	131	14.6%	21	1.3	10	1.1%	12	1.3%	No data
Cis men	506	N/A	2.8%	69	13.6%	10	0.6	3	0.6%	7	1.4%	No data
Cis women	394	N/A	2.2%	62	15.7%	11	0.7	7	1.8%	5	1.3%	No data
Transgender	0	N/A	0.0%	0	0.0%	0	0.0	0	0.0%	0	0.0%	No data
Sex w men & PWID	720	N/A	4.0%	64	8.9%	24	0.2	56	7.8%	45	6.3%	No data
Cis men	697	N/A	3.9%	59	8.5%	23	0.2	52	7.5%	43	6.2%	No data
Transgender	23	N/A	0.1%	5	21.7%	0	0.0	4	17.4%	2	8.7%	No data
Sex w women	719	N/A	4.0%	84	11.7%	9	0.2	6	0.8%	13	1.8%	No data
Cis men	718	N/A	4.0%	84	11.7%	9	0.2	6	0.8%	13	1.8%	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	1.4%	19	7.5%	0	0.0	0	0.0%	12	4.7%	No data
Cis men	137	N/A	0.8%	12	8.8%	0	0.0	0	0.0%	7	5.1%	No data
Cis women	115	N/A	0.6%	7	6.1%	0	0.0	0	0.0%	5	4.3%	No data
Transgender	1	N/A	<0.1%	0	0.0%	0	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	2,536	N/A	14.2%	259	10.2%	201	N/A	16	0.6%	62	2.4%	No data
Special populations												
MSM & MSM/PWID	10,577	3,715.8	59.2%	643	6.1%	345	3.3	618	5.8%	757	7.2%	284,653
15-29 yr old Black/AA men	1,012	10,218.0	5.7%	49	4.8%	120	11.9	131	12.9%	203	20.1%	9,904
PWID & MSM/PWID	1,620	N/A	9.1%	195	12.0%	45	2.8	66	4.1%	57	3.5%	No data
15-29 yr olds	75	N/A	0.4%	5	6.7%	15	20.0	10	13.3%	10	13.3%	No data
Young (15-29 yr old) Black/AA men (YBM) compared to other youth and those 30+ years old												
YBM	1,169	684.6	6.5%	63	5.4%	144	12.3	135	11.5%	226	19.3%	170,761
Other youth 15-29	844	46.4	4.7%	37	4.4%	117	13.9	39	4.6%	98	11.6%	1,820,875
30+ yrs old	15,790	253.6	88.4%	1,251	7.9%	375	2.4	519	3.3%	607	3.8%	6,225,931

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](#).



The Detroit Metro Area

Residents of the Detroit Metro Area (DMA) living with HIV December 31, 2021

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

Includes persons in prisons located in the DMA

DMA HIV Prevalence December 31, 2021: Geographic Stratification

Last reported address before year end unless otherwise specified

Region	Prevalence December 31, 2021					New diagnoses & HTR, 2021		STD diagnoses among PLWH, 2021				Population counts, 2020 (census)
	PLWH at any Stage (0-3)			Last CD4 signifies Stage 3		count	HTR	Syphilis		Gonorrhea or Chlamydia		
	count	rate	DMA %	count	prev %	count	HTR	count	prev %	count	prev %	
DMA including prisons	11,370	266.0	100.0%	919	8.1%	412	3.6	517	4.5%	687	6.0%	4,262,369
DMA ¹	11,336	266.0	100.0%	918	8.1%	411	3.6	516	4.6%	686	6.1%	4,262,369
Prison ²	34	N/A	0.3%	1	2.9%	1	N/A	1	2.9%	1	2.9%	No data
Prison History³												
Any prison during 2021	48	N/A	0.4%	2	4.2%	Not calculated		2	4.2%	5	10.4%	No data
Any prison reported since HIV diagnosis	644	N/A	5.7%	92	14.3%	Not calculated		29	4.5%	41	6.4%	No data
Local Health Department (LHD) Jurisdiction												
Detroit LHD ⁴	5,584	735.2	49.3%	528	9.5%	191	3.4	288	5.2%	389	7.0%	759,542
Lapeer Co.	52	59.3	0.5%	2	3.8%	1	1.9	0	0.0%	1	1.9%	87,635
Macomb Co.	1,358	156.0	12.0%	98	7.2%	62	4.6	64	4.7%	83	6.1%	870,791
Monroe Co.	130	86.3	1.1%	13	10.0%	9	6.9	5	3.8%	1	0.8%	150,568
Oakland Co.	2,246	179.2	19.8%	154	6.9%	75	3.3	82	3.7%	94	4.2%	1,253,459
St. Clair Co.	121	76.0	1.1%	14	11.6%	2	1.7	3	2.5%	6	5.0%	159,293
Wayne Co. LHD	1,845	188.1	16.3%	109	5.9%	71	3.8	74	4.0%	112	6.1%	981,081
Select Cities: Top 20 DMA cities with largest HIV counts												
Canton	105	111.3	0.9%	3	2.9%	4	3.8	5	4.8%	6	5.7%	94,330
Clinton Township	176	176.4	1.6%	10	5.7%	10	5.7	8	4.5%	5	2.8%	99,792
Dearborn	115	123.2	1.0%	6	5.2%	2	1.7	2	1.7%	6	5.2%	93,367
Dearborn Heights	102	185.4	0.9%	3	2.9%	4	3.9	7	6.9%	5	4.9%	55,027
Detroit	5,164	776.1	45.6%	492	9.5%	181	3.5	260	5.0%	360	7.0%	665,369
Eastpointe	148	466.6	1.3%	11	7.4%	5	3.4	11	7.4%	13	8.8%	31,720
Ferndale	144	712.9	1.3%	6	4.2%	3	2.1	8	5.6%	5	3.5%	20,198
Highland Park	198	1,848.4	1.7%	21	10.6%	6	3.0	13	6.6%	13	6.6%	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, 2021: Geographic Stratification

Last reported address before year end unless otherwise specified

Region	Prevalence December 31, 2021					New diagnoses & HTR, 2021		STD diagnoses among PLWH, 2021				Population counts, 2020 (census)
	PLWH at any Stage (0-3)			Last CD4 signifies Stage 3		count	HTR	Syphilis		Gonorrhea or Chlamydia		
Select Cities, continued from previous page	count	rate	DMA %	count	prev %					count	prev %	count
Inkster	157	651.0	1.4%	11	7.0%	3	1.9	6	3.8%	10	6.4%	24,115
Oak Park	131	447.2	1.2%	13	9.9%	6	4.6	11	8.4%	13	9.9%	29,293
Pontiac	339	575.4	3.0%	36	10.6%	8	2.4	6	1.8%	16	4.7%	58,911
Redford	182	393.2	1.6%	8	4.4%	6	3.3	9	4.9%	18	9.9%	46,291
Romulus	97	412.3	0.9%	7	7.2%	2	2.1	3	3.1%	5	5.2%	23,528
Roseville	116	249.3	1.0%	6	5.2%	9	7.8	8	6.9%	7	6.0%	46,535
Royal Oak	152	247.7	1.3%	11	7.2%	7	4.6	2	1.3%	3	2.0%	61,355
Southfield	390	449.2	3.4%	23	5.9%	11	2.8	19	4.9%	28	7.2%	86,822
Sterling Heights	105	79.7	0.9%	5	4.8%	6	5.7	4	3.8%	5	4.8%	131,709
Taylor	146	241.0	1.3%	11	7.5%	9	6.2	3	2.1%	8	5.5%	60,576
Warren	368	276.9	3.2%	23	6.3%	15	4.1	10	2.7%	31	8.4%	132,877
Westland	192	236.7	1.7%	15	7.8%	8	4.2	8	4.2%	11	5.7%	81,116

DMA HIV Prevalence December 31, 2021: Demographic Stratification

Demographic	Prevalence December 31, 2021					New diagnoses & HTR, 2021		STD diagnoses among PLWH, 2021				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	DMA %	count	prev %			count	HTR	count	prev %	count
Male	9,066	436.9	80.0%	705	7.8%	343	3.0	504	5.6%	641	7.1%	2,074,944
Female	2,304	105.3	20.3%	214	9.3%	69	0.6	13	0.6%	46	2.0%	2,187,425
Transgender ¹	205	N/A	1.8%	24	11.7%	8	0.1	24	11.7%	26	12.7%	No data
Race & Latinx ethnicity by sex assumed at birth²												
Black/AA overall	7,549	762.4	66.6%	673	8.9%	260	3.4	378	5.0%	533	7.1%	990,129
Black/AA males	5,742	1,261.9	50.7%	502	8.7%	211	2.8	371	6.5%	495	8.6%	455,044
Black/AA females	1,807	337.7	15.9%	171	9.5%	49	0.6	7	0.4%	38	2.1%	535,085
Latinx overall	605	292.7	5.3%	44	7.3%	26	4.3	32	5.3%	36	6.0%	206,715
Latinx males	503	481.5	4.4%	35	7.0%	24	4.0	31	6.2%	34	6.8%	104,468
Latinx females	102	99.8	0.9%	9	8.8%	2	0.3	1	1.0%	2	2.0%	102,247
White overall	2,784	98.5	24.6%	174	6.3%	112	4.0	84	3.0%	92	3.3%	2,826,808
White males	2,466	176.6	21.8%	146	5.9%	95	3.4	80	3.2%	86	3.5%	1,396,232
White females	318	22.2	2.8%	28	8.8%	17	0.6	4	1.3%	6	1.9%	1,430,576
Multi/other overall	428	179.3	3.8%	28	6.5%	13	3.0	23	5.4%	26	6.1%	238,717
Multi/other males	352	295.3	3.1%	22	6.3%	12	2.8	22	6.3%	26	7.4%	119,200
Multi/other females	76	63.6	0.7%	6	7.9%	1	0.2	1	1.3%	0	0.0%	119,517
Other ethnicity and country of birth												
Arab/Mid E descent ³	85	N/A	0.7%	2	2.4%	4	4.7	2	2.4%	10	11.8%	No data
Foreign born	416	N/A	3.7%	26	6.3%	14	N/A	11	2.6%	11	2.6%	No data
Age at year end												
00-14	22	2.9	0.2%	0	0.0%	1	4.5	0	0.0%	0	0.0%	762,726
15-19	36	14.0	0.3%	0	0.0%	18	50.0	3	8.3%	13	36.1%	256,561
20-29	1,334	238.7	11.8%	80	6.0%	151	11.3	134	10.0%	232	17.4%	558,923
30-39	2,746	506.1	24.2%	210	7.6%	120	4.4	217	7.9%	295	10.7%	542,585
40-49	2,064	397.4	18.2%	175	8.5%	54	2.6	74	3.6%	77	3.7%	519,424
50-59	2,838	482.6	25.0%	249	8.8%	47	1.7	63	2.2%	58	2.0%	588,096
60+	2,330	225.3	20.6%	205	8.8%	21	0.9	26	1.1%	12	0.5%	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, 2021: Demographic Stratification

Demographic	Prevalence December 31, 2021					New diagnoses & HTR, 2021		STD diagnoses among PLWH, 2021				Population counts, 2020 (census)
	count	PLWH at any Stage (0-3)	rate DMA %	Last CD4 signifies Stage 3	count prev %	count	HTR	Syphilis		Gonorrhea or Chlamydia		
HIV transmission risk by gender ¹								count	prev %	count	prev %	
Sex w men	8,118	N/A	71.6%	531	6.5%	257	2.8	450	5.5%	590	7.3%	No data
Cis men	6,296	N/A	55.5%	386	6.1%	212	2.3	421	6.7%	536	8.5%	No data
Cis women	1,640	N/A	14.5%	125	7.6%	38	0.4	7	0.4%	30	1.8%	No data
Transgender	182	N/A	1.6%	20	11.0%	0	0.0	22	12.1%	24	13.2%	No data
PWID	598	N/A	5.3%	100	16.7%	11	1.1	7	1.2%	7	1.2%	No data
Cis men	327	N/A	2.9%	49	15.0%	4	0.4	2	0.6%	5	1.5%	No data
Cis women	271	N/A	2.4%	51	18.8%	7	0.7	5	1.8%	2	0.7%	No data
Transgender	0	N/A	0.0%	0	0.0%	0	0.0	0	0.0%	0	0.0%	No data
Sex w men & PWID	409	N/A	3.6%	40	9.8%	12	0.1	41	10.0%	30	7.3%	No data
Cis men	394	N/A	3.5%	36	9.1%	11	0.1	39	9.9%	28	7.1%	No data
Transgender	15	N/A	0.1%	4	26.7%	0	0.0	2	13.3%	2	13.3%	No data
Sex w women	443	N/A	3.9%	49	11.1%	7	0.3	6	1.4%	7	1.6%	No data
Cis men	442	N/A	3.9%	49	11.1%	7	0.3	6	1.4%	7	1.6%	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%	16	14.7%	0	0.0	0	0.0%	9	8.3%	No data
Cis men	64	N/A	0.6%	10	15.6%	0	0.0	0	0.0%	4	6.3%	No data
Cis women	45	N/A	0.4%	6	13.3%	0	0.0	0	0.0%	5	11.1%	No data
Transgender	0	N/A	0.0%	0	0.0%	0	0.0	0	0.0%	0	0.0%	No data
Other risk	19	N/A	0.2%	3	15.8%	0	N/A	0	0.0%	0	0.0%	No data
Unknown risk	1,674	N/A	14.8%	180	10.8%	125	N/A	13	0.8%	44	2.6%	No data
Special populations												
MSM & MSM/PWID	6,691	5,559.8	59.0%	423	6.3%	223	3.3	460	6.9%	564	8.4%	120,347
15-29 yr old Black/AA men	788	12,913.8	7.0%	41	5.2%	86	10.9	108	13.7%	158	20.1%	6,102
PWID & MSM/PWID	1,007	N/A	8.9%	140	13.9%	23	2.3	48	4.8%	37	3.7%	No data
15-29 yr olds	47	N/A	0.4%	4	8.5%	6	12.8	7	14.9%	7	14.9%	No data
Young (15-29 yr old) Black/AA men (YBM) compared to other youth and those 30+ years old												
YBM	896	851.7	7.9%	52	5.8%	102	11.4	112	12.5%	176	19.6%	105,207
Other youth 15-29	474	66.7	4.2%	28	5.9%	67	14.1	25	5.3%	69	14.6%	710,277
30+ yrs old	9,978	371.7	88.0%	839	8.4%	242	2.4	380	3.8%	442	4.4%	2,684,159

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](#).



Detroit LHD Jurisdiction

Residents of the Detroit Health Department's Jurisdiction living with HIV December 31, 2021
(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, 2021: Geographic Stratification

Last reported address before year end unless otherwise specified

Region	Prevalence December 31, 2021					New diagnoses & HTR, 2021		STD diagnoses among PLWH, 2021				Population counts, 2020 (census)
	PLWH at any Stage (0-3)			Last CD4 signifies Stage 3		count	HTR	Syphilis		Gonorrhea or Chlamydia		
	count	rate	DLHD%	count	prev %			count	prev %	count	prev %	
Detroit LHD incl prisons	5,591	735.2	100.0%	528	9.5%	191	3.4	288	5.2%	390	7.0%	759,542
Detroit LHD ¹	5,584	735.2	100.0%	528	9.5%	191	3.4	288	5.2%	389	7.0%	759,542
Prison ²	7	N/A	0.1%	0	0.0%	Not calculated		0	0.0%	1	14.3%	No data
Prison History³												
Any prison during 2021	15	N/A	0.3%	1	6.7%	Not calculated		0	0.0%	1	6.7%	No data
Any prison reported since HIV diagnosis	401	N/A	7.2%	58	14.5%	Not calculated		17	4.2%	28	7.0%	No data
Cities												
Detroit	5,164	776.1	92.5%	492	9.5%	181	3.5	260	5.0%	360	7.0%	665,369
Grosse Pointes	71	175.9	1.3%	4	5.6%	0	0.0	6	8.5%	4	5.6%	40,371
Hamtramck	79	368.5	1.4%	5	6.3%	0	0.0	4	5.1%	8	10.1%	21,438
Harper Woods	72	527.4	1.3%	6	8.3%	0	0.0	5	6.9%	4	5.6%	13,651
Highland Park	198	1,848.4	3.5%	21	10.6%	6	3.0	13	6.6%	13	6.6%	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, 2021: Demographic Stratification

Demographic	Prevalence December 31, 2021					New diagnoses & HTR, 2021		STD diagnoses among PLWH, 2021				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	DLHD%	count	prev %			count	HTR	count	prev %	count
Male	4,325	1,196.4	77.5%	389	9.0%	143	2.6	281	6.5%	363	8.4%	361,504
Female	1,266	318.1	22.7%	139	11.0%	48	0.9	7	0.6%	27	2.1%	398,038
Transgender ¹	135	N/A	2.4%	18	13.3%	3	0.1	15	11.1%	19	14.1%	No data
Race & Latinx ethnicity by sex assumed at birth²												
Black/AA overall	4,845	903.1	86.8%	465	9.6%	169	3.5	249	5.1%	339	7.0%	536,457
Black/AA males	3,701	1,494.7	66.3%	339	9.2%	128	2.6	245	6.6%	312	8.4%	247,614
Black/AA females	1,144	396.1	20.5%	126	11.0%	41	0.8	4	0.3%	27	2.4%	288,841
Latinx overall	243	453.1	4.4%	22	9.1%	7	2.9	10	4.1%	13	5.3%	53,635
Latinx males	196	708.4	3.5%	16	8.2%	6	2.5	9	4.6%	13	6.6%	27,668
Latinx females	47	181.0	0.8%	6	12.8%	1	0.4	1	2.1%	0	0.0%	25,967
White overall	355	278.8	6.4%	26	7.3%	13	3.7	18	5.1%	21	5.9%	127,330
White males	306	466.3	5.5%	23	7.5%	8	2.3	17	5.6%	21	6.9%	65,629
White females	49	79.4	0.9%	3	6.1%	5	1.4	1	2.0%	0	0.0%	61,701
Multi/other overall	148	351.4	2.7%	15	10.1%	2	1.4	11	7.4%	17	11.5%	42,122
Multi/other males	122	592.4	2.2%	11	9.0%	1	0.7	10	8.2%	17	13.9%	20,593
Multi/other females	26	120.8	0.5%	4	15.4%	1	0.7	1	3.8%	0	0.0%	21,529
Other ethnicity and country of birth												
Arab/Mid E descent ³	13	N/A	0.2%	0	0.0%	2	15.4	2	15.4%	4	30.8%	No data
Foreign born	104	N/A	1.9%	10	9.6%	5	N/A	2	1.9%	5	4.8%	No data
Age at year end												
00-14	7	N/A	0.1%	0	0.0%	0	0.0	0	0.0%	0	0.0%	No data
15-19	18	N/A	0.3%	0	0.0%	7	38.9	2	11.1%	7	38.9%	No data
20-29	707	N/A	12.7%	40	5.7%	85	12.0	87	12.3%	140	19.8%	No data
30-39	1,451	N/A	26.0%	128	8.8%	45	3.1	126	8.7%	164	11.3%	No data
40-49	989	N/A	17.7%	110	11.1%	15	1.5	29	2.9%	45	4.6%	No data
50-59	1,316	N/A	23.6%	127	9.7%	21	1.6	34	2.6%	27	2.1%	No data
60+	1,103	N/A	19.8%	123	11.2%	7	0.6	10	0.9%	7	0.6%	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.

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, 2021: Demographic Stratification

Demographic	Prevalence December 31, 2021					New diagnoses & HTR, 2021		STD diagnoses among PLWH, 2021				Population counts, 2020 (census)	
	count	PLWH at any Stage (0-3)	rate DLHD%	Last CD4 signifies Stage 3	count	prev %	count	HTR	Syphilis	Gonorrhea or Chlamydia	count		prev %
HIV transmission risk by gender¹													
Sex w men	3,816	N/A	68.3%	296	7.8%	114	2.6	248	6.5%	333	8.7%	No data	
Cis men	2,822	N/A	50.5%	203	7.2%	84	1.9	231	8.2%	295	10.5%	No data	
Cis women	871	N/A	15.6%	77	8.8%	28	0.6	3	0.3%	20	2.3%	No data	
Transgender	123	N/A	2.2%	16	13.0%	0	0.0	14	11.4%	18	14.6%	No data	
PWID	357	N/A	6.4%	74	20.7%	5	0.9	4	1.1%	2	0.6%	No data	
Cis men	189	N/A	3.4%	33	17.5%	2	0.4	1	0.5%	2	1.1%	No data	
Cis women	168	N/A	3.0%	41	24.4%	3	0.5	3	1.8%	0	0.0%	No data	
Transgender	0	N/A	0.0%	0	0.0%	0	0.0	0	0.0%	0	0.0%	No data	
Sex w men & PWID	194	N/A	3.5%	25	12.9%	5	0.1	24	12.4%	21	10.8%	No data	
Cis men	187	N/A	3.3%	23	12.3%	4	<0.1	23	12.3%	20	10.7%	No data	
Transgender	7	N/A	0.1%	2	28.6%	0	0.0	1	14.3%	1	14.3%	No data	
Sex w women	242	N/A	4.3%	27	11.2%	3	0.2	3	1.2%	3	1.2%	No data	
Cis men	242	N/A	4.3%	27	11.2%	3	0.2	3	1.2%	3	1.2%	No data	
Transgender	0	N/A	0.0%	0	0.0%	0	0.0	0	0.0%	0	0.0%	No data	
Perinatal or Pediatric	50	N/A	0.9%	9	18.0%	0	0.0	0	0.0%	5	10.0%	No data	
Cis men	29	N/A	0.5%	7	24.1%	0	0.0	0	0.0%	3	10.3%	No data	
Cis women	21	N/A	0.4%	2	9.5%	0	0.0	0	0.0%	2	9.5%	No data	
Transgender	0	N/A	0.0%	0	0.0%	0	0.0	0	0.0%	0	0.0%	No data	
Other risk	2	N/A	<0.1%	0	0.0%	0	N/A	0	0.0%	0	0.0%	No data	
Unknown risk	930	N/A	16.7%	97	10.4%	64	N/A	9	1.0%	26	2.8%	No data	
Special populations													
MSM & MSM/PWID	3,010	14,355.7	53.9%	227	7.5%	88	2.9	254	8.4%	315	10.5%	20,967	
15-29 yr old Black/AA men	462	13,796.9	8.3%	22	4.8%	44	9.5	73	15.8%	95	20.6%	3,349	
PWID & MSM/PWID	551	N/A	9.9%	99	18.0%	10	1.8	28	5.1%	23	4.2%	No data	
15-29 yr olds	19	N/A	0.3%	1	5.3%	3	15.8	5	26.3%	6	31.6%	No data	
Young (15-29 yr old) Black/AA men (YBM) compared to other youth and those 30+ years old													
YBM	533	923.2	9.5%	27	5.1%	54	10.1	76	14.3%	107	20.1%	57,734	
Other youth 15-29	192	166.5	3.4%	13	6.8%	23	12.0	13	6.8%	40	20.8%	115,303	
30+ yrs old	4,859	1,137.4	87.0%	488	10.0%	113	2.3	199	4.1%	243	5.0%	427,190	

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](#).