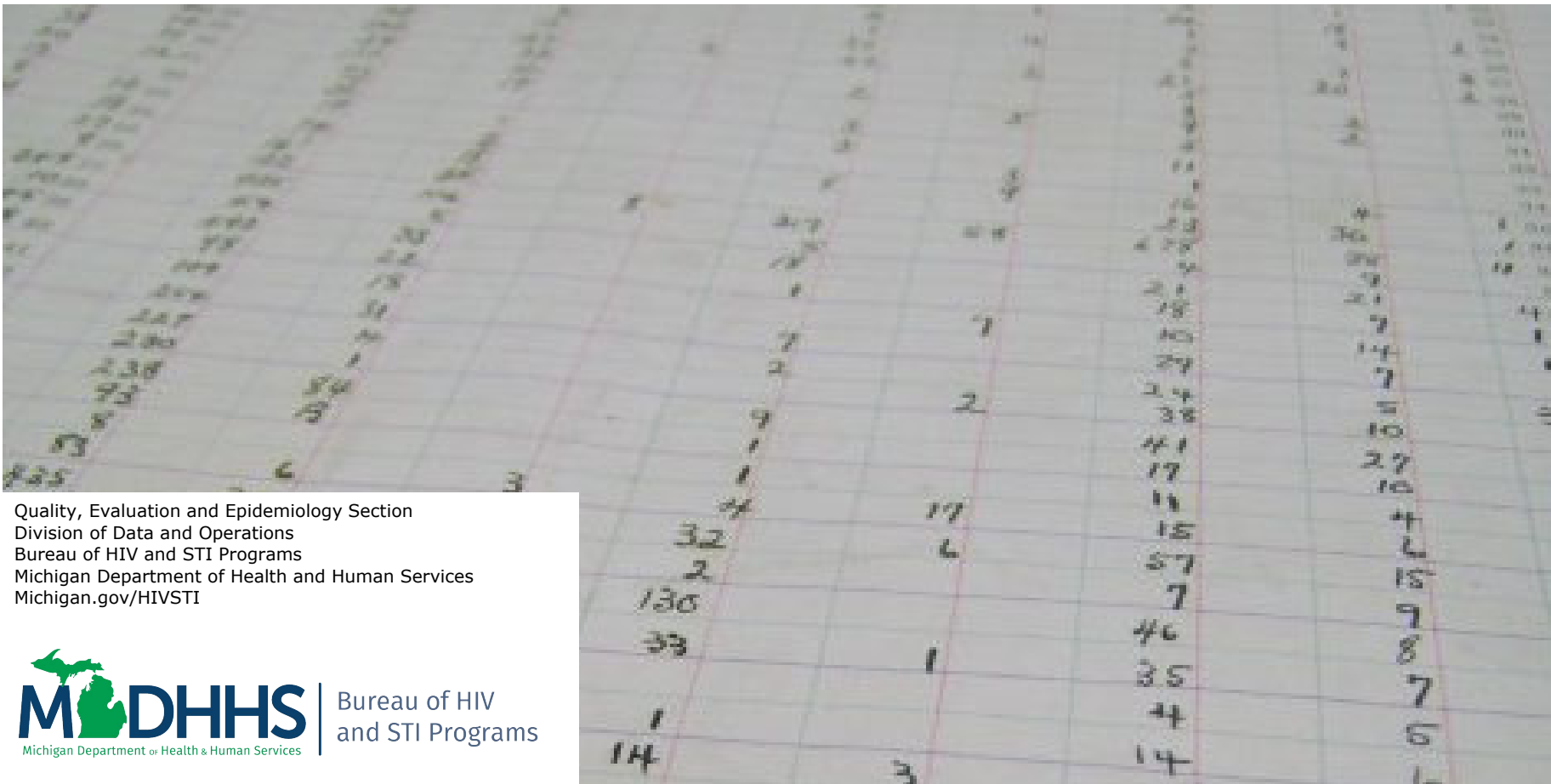


HIV Trends Report, New diagnoses 2014-2023

Data as of July, 2024



Quality, Evaluation and Epidemiology Section
Division of Data and Operations
Bureau of HIV and STI Programs
Michigan Department of Health and Human Services
Michigan.gov/HIVSTI



Bureau of HIV
and STI Programs

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The HIV Trend Report includes persons diagnosed with HIV while living in Michigan. When available, census data are used to calculate rates of new diagnoses. For populations where census data are not available (for example, number of persons who inject drugs), the proportion of newly diagnosed persons who fall into a given category are assessed. Using rates and proportions (rather than counts) when comparing regions, demographic groups, or changes over time is critical. For further explanation, see our 5 minute [Epidemiology 101 video](#). Negative binomial regression and Poisson distributions are utilized to determine statistically significant changes in new diagnoses over the preceding 10 years. This report is meant to guide care and prevention strategies by observing long term trends. Changes in short term trends - such as an outbreak - are monitored by the HIV Surveillance Program monthly.

The following measures are displayed in this report:

Count: The number of persons newly diagnosed during the given year.

Pop: The total population (census) during the given year.

Est pop: Estimated population for men who have sex with men (MSM). It is estimated at 5.8% of Michigan's adult male population¹.

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

MI %: Of persons newly diagnosed in Michigan during a given year, the percent who fall into the specified group (count/total new diagnoses among Michigan residents).

DMA %: Of persons newly diagnosed in the Detroit Metro Area (DMA) during a given year, the percent who fall into the specified group. The DMA includes Lapeer, Macomb, Monroe, Oakland, St. Clair, and Wayne Counties. (count/total new diagnoses among DMA residents).

DLHD %: Of persons newly diagnosed in Detroit Local Health Department Jurisdiction (DLHD) during a given year, the percent who fall into the specified group. The Detroit LHD includes the cities of Detroit, Highland Park, Hamtramck, Harper Woods, and the Grosse Pointes (count/total new diagnoses among Detroit LHD jurisdiction residents).

% change (95CI): Average annual percent change and 95% confidence interval. This measure is only displayed when statistically significant changes are observed ($p < 0.05$) or if a trend is marginally significant or deemed important. Average annual percent change is calculated by assessing the count offset by the underlying population (either census populations when available or regional new diagnosis totals when census data are not available). Essentially, the average annual percent change refers to the rate, MI%, DMA% or Detroit LHD %. Be careful when interpreting percent changes of percents. A decrease in MI % from 10% to 9% is a -0.1% change (not -1%). The calculation is $(9\% - 10\%) / 10\% = -0.1\%$.

COVID-19, 2020 diagnoses, and Trends

COVID-19 affected many aspects of HIV testing and care. The extent of the impact and recovery among different populations will help guide strategies to continue improving HIV outcomes. During 2020, new HIV diagnoses were significantly lower than expected, likely to due to an interruption of testing. Therefore, 2020 was excluded from the statistical calculations. In 2021 and 2022, new diagnoses remained low, but fell within the normal limits. **Interpret significantly declining trends with caution. Artificially low diagnoses in some populations during 2021 and 2022 may be amplifying modest declines.**

¹Lieb S, Fallon S, Friedman S, Thompson D, Gates G, Liberti T, 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



The state of Michigan, 2014 - 2023

Persons living in Michigan at time of HIV diagnosis

New Michigan HIV diagnoses 2014 - 2023: Geographic Stratification (last reported address each year)

Region	Measure	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)
Michigan	count	782	723	738	767	709	670	520	646	629	696	
	pop	9,932,033	9,934,483	9,954,117	9,976,752	9,987,286	9,984,795	10,070,627	10,038,117	10,033,281	10,037,261	
	rate	7.9	7.3	7.4	7.7	7.1	6.7	5.2	6.4	6.3	6.9	-2.0% (-2.9%, -1.1%)
DMA ¹	count	522	484	502	511	477	431	352	413	393	428	
	pop	4,275,840	4,272,364	4,277,709	4,282,090	4,282,820	4,277,767	4,346,176	4,329,484	4,307,737	4,300,592	
	rate	12.2	11.3	11.7	11.9	11.1	10.1	8.1	9.5	9.1	10.0	-3.0% (-4.0%, -2.0%)
Outstate ²	count	252	228	226	247	219	229	165	221	221	256	
	pop	5,656,193	5,662,119	5,676,408	5,694,662	5,704,466	5,707,028	5,724,451	5,708,633	5,725,544	5,736,669	
	rate	4.5	4.0	4.0	4.3	3.8	4.0	2.9	3.9	3.9	4.5	No significant change
Prison ³	count	8	11	10	9	13	10	3	12	15	12	
	MI %	1.0%	1.5%	1.4%	1.2%	1.8%	1.5%	0.6%	1.9%	2.4%	1.7%	No significant change

Local Health Department (LHD) Jurisdiction

Allegan Co.	count	1	4	2	7	3	3	2	2	8	0	
	pop	113,361	114,122	115,018	116,393	117,137	118,045	120,669	121,068	121,290	121,939	
	rate	0.9	3.5	1.7	6.0	2.6	2.5	1.7	1.7	6.6	0.0	No significant change
Barry-Eaton	count	8	3	4	3	5	4	2	8	5	14	
	pop	167,973	168,135	169,021	170,168	170,879	171,600	171,773	172,049	172,256	172,628	
	rate	4.8	1.8	2.4	1.8	2.9	2.3	1.2	4.6	2.9	8.1	Marginally significant +9.8% (-0.4%, 21.0%)
Berrien Co.	count	10	6	5	9	3	2	5	10	6	6	
	pop	156,074	155,136	154,451	154,264	153,892	153,352	154,197	153,352	152,835	152,261	
	rate	6.4	3.9	3.2	5.8	1.9	1.3	3.2	6.5	3.9	3.9	No significant change
Branch-Hillsdale-St. Joseph	count	5	2	1	2	5	2	1	5	6	9	
	pop	150,684	150,338	150,001	149,879	149,991	149,818	151,556	151,684	151,015	151,680	
	rate	3.3	1.3	0.7	1.3	3.3	1.3	0.7	3.3	4.0	5.9	+14.1% (2.2%, 27.4%)
Calhoun Co.	count	8	6	6	3	9	11	5	10	8	12	
	pop	134,845	134,377	134,343	134,127	133,858	133,806	134,200	133,878	133,424	133,366	
	rate	5.9	4.5	4.5	2.2	6.7	8.2	3.7	7.5	6.0	9.0	No significant change
Central Michigan ⁴	count	20	19	15	20	20	27	19	18	26	31	
	pop	1,199,014	1,198,249	1,198,503	1,201,391	1,204,044	1,204,708	1,204,823	1,210,418	1,215,034	1,219,141	
	rate	1.7	1.6	1.3	1.7	1.7	2.2	1.6	1.5	2.1	2.5	+4.9% (0.1%, 9.9%)
Detroit LHD ⁵	count	263	246	258	235	229	203	175	183	187	206	
	pop	784,791	779,098	771,883	768,073	765,192	762,454	759,542	741,293	732,455	732,455	
	rate	33.5	31.6	33.4	30.6	29.9	26.6	23.0	24.7	25.5	28.1	-3.0% (-4.4%, -1.5%)
Genesee Co.	count	20	27	34	33	30	30	22	32	21	38	
	pop	412,950	410,574	409,054	407,673	406,626	405,702	405,777	404,627	401,923	401,522	
	rate	4.8	6.6	8.3	8.1	7.4	7.4	5.4	7.9	5.2	9.5	No significant change

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. ⁴Central Michigan LHD includes all otherwise unlisted counties in the lower peninsula. ⁵Detroit LHD includes the cities of Detroit, Hamtramck, Harper Woods, Highland Park, & the Grosse Pointes. Detroit, under "select cities" (page 7), includes only residents of the city of Detroit.

New Michigan HIV diagnoses 2014 - 2023: Geographic Stratification (last reported address each year)

Region	Measure	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)
Local Health Department (LHD) Jurisdiction, continued from previous page												
Ingham Co.	count	26	19	27	26	15	17	21	23	17	25	
	pop	285,760	287,255	289,633	291,678	291,267	291,426	284,675	271,224	283,477	284,637	
	rate	9.1	6.6	9.3	8.9	5.1	5.8	7.4	8.5	6	8.8	No significant change
Ionia Co.	count	2	2	0	2	2	1	1	1	1	1	
	pop	64,246	64,073	64,215	64,293	64,290	64,654	66,870	66,823	66,836	66,262	
	rate	3.1	3.1	0	3.1	3.1	1.5	1.5	1.5	1.5	1.5	No significant change
Jackson Co.	count	14	8	6	10	0	4	1	7	3	7	
	pop	159,464	159,325	158,345	158,653	158,594	158,357	160,231	160,162	159,758	159,424	
	rate	8.8	5	3.8	6.3	0	2.5	0.6	4.4	1.9	4.4	No significant change
Kalamazoo Co.	count	19	18	11	18	16	27	20	16	21	25	
	pop	259,063	259,816	261,584	263,387	265,120	265,531	261,796	260,523	260,892	262,215	
	rate	7.3	6.9	4.2	6.8	6	10.2	7.6	6.1	8	9.5	No significant change
Kent Co.	count	52	43	47	46	39	41	33	38	35	30	
	pop	631,464	637,333	644,219	649,722	653,636	656,800	658,492	658,852	658,920	661,354	
	rate	8.2	6.7	7.3	7.1	6	6.2	5	5.8	5.3	4.5	-5.2% (-8.4%, -1.8%)
Lapeer Co.	count	0	1	3	3	4	2	2	1	2	2	
	pop	88,202	88,376	88,227	88,218	87,987	87,808	88,583	88,662	88,632	88,977	
	rate	0	1.1	3.4	3.4	4.5	2.3	2.3	1.1	2.3	2.2	No significant change
Lenawee Co.	count	3	2	2	4	8	2	0	3	2	1	
	pop	98,774	98,432	98,595	98,511	98,118	98,519	99,325	99,100	98,280	97,520	
	rate	3	2	2	4.1	8.2	2	0	3	2	1	No significant change
Livingston Co.	count	2	6	3	3	3	7	2	1	5	8	
	pop	185,567	187,221	188,585	189,923	191,259	192,058	193,968	195,333	196,134	196,757	
	rate	1.1	3.2	1.6	1.6	1.6	3.6	1	0.5	2.5	4.1	No significant change
Macomb Co.	count	50	62	54	70	76	55	48	60	59	53	
	pop	862,914	865,031	868,329	870,867	872,089	872,389	880,238	877,646	874,235	875,101	
	rate	5.8	7.2	6.2	8	8.7	6.3	5.5	6.8	6.7	6.1	No significant change
Marquette ¹	count	1	6	4	7	2	6	2	4	4	3	
	pop	307,627	305,439	302,850	302,009	300,680	298,836	302,374	301,003	302,488	303,123	
	rate	0.3	2	1.3	2.3	0.7	2	0.7	1.3	1.3	1	No significant change
Monroe Co.	count	4	6	3	4	9	4	4	10	3	4	
	pop	149,919	149,439	149,278	149,523	150,218	150,412	154,896	155,534	155,235	155,045	
	rate	2.7	4	2	2.7	6	2.7	2.6	6.4	1.9	2.6	No significant change
Muskegon Co.	count	8	6	5	4	9	4	5	5	13	9	
	pop	172,304	172,506	173,342	173,804	173,719	173,645	174,784	175,550	175,539	176,564	
	rate	4.6	3.5	2.9	2.3	5.2	2.3	2.9	2.8	7.4	5.1	No significant change
Oakland Co.	count	104	84	97	105	86	78	60	82	75	64	
	pop	1,243,076	1,244,895	1,251,563	1,256,478	1,257,472	1,257,726	1,272,493	1,272,630	1,271,025	1,270,426	
	rate	8.4	6.7	7.8	8.4	6.8	6.2	4.7	6.4	5.9	5	-4.3% (-6.6%, -2.0%)

LHD Jurisdictions continued on next page

¹Marquette LHD includes the entire upper peninsula

New Michigan HIV diagnoses 2014 - 2023: Geographic Stratification (last reported address each year)

Region	Measure	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)
Local Health Department (LHD) Jurisdiction, continued from previous page												
Ottawa Co.	count	7	8	3	11	7	9	0	7	13	6	
	pop	277,888	280,907	283,686	286,452	289,578	291,460	296,907	298,393	300,918	303,372	
	rate	2.5	2.8	1.1	3.8	2.4	3.1	0	2.3	4.3	2	No significant change
Saginaw Co.	count	12	6	19	19	9	5	5	6	7	7	
	pop	195,317	193,384	192,636	192,002	190,841	190,484	189,882	189,516	188,373	187,782	
	rate	6.1	3.1	9.9	9.9	4.7	2.6	2.6	3.2	3.7	3.7	No significant change
Shiawassee Co.	count	4	3	0	0	1	2	0	1	2	2	
	pop	68,841	68,538	68,589	68,422	68,064	68,065	68,010	67,991	67,967	68,025	
	rate	5.8	4.4	0	0	1.5	2.9	0	1.5	2.9	2.9	No significant change
St. Clair Co.	count	1	6	9	4	5	6	10	2	6	11	
	pop	160,103	159,757	159,477	159,130	159,186	159,339	160,380	160,205	159,668	159,874	
	rate	0.6	3.8	5.6	2.5	3.1	3.8	6.2	1.2	3.8	6.9	No significant change
The Thumb ¹	count	1	1	1	1	1	1	2	1	1	0	
	pop	127,618	126,947	126,169	125,378	125,118	124,479	125,175	124,869	124,535	124,121	
	rate	0.8	0.8	0.8	0.8	0.8	0.8	1.6	0.8	0.8	0	No significant change
Van Buren-Cass	count	3	2	3	2	4	1	3	2	4	6	
	pop	126,836	126,457	126,609	126,830	127,207	127,441	127,133	127,205	127,146	127,440	
	rate	2.4	1.6	2.4	1.6	3.1	0.8	2.4	1.6	3.1	4.7	No significant change
Washtenaw Co.	count	26	31	28	17	28	23	14	21	13	16	
	pop	360,523	363,555	366,960	369,703	370,548	368,242	371,834	365,013	366,504	365,536	
	rate	7.2	8.5	7.6	4.6	7.6	6.2	3.8	5.8	3.5	4.4	-6.7% (-11.0%, -2.1%)
Wayne Co. (excl Detroit LHD)	count	100	79	78	90	68	83	53	75	61	88	
	pop	986,835	985,768	988,952	989,801	990,676	987,639	1,030,044	1,033,514	1,026,487	1,018,714	
	rate	10.1	8	7.9	9.1	6.9	8.4	5.1	7.3	5.9	8.6	No significant change

¹The Thumb includes Huron, Sanilac & Tuscola Counties

New Michigan HIV diagnoses 2014 - 2023: Geographic Stratification (last reported address each year)

Region	Measure	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)
Metropolitan Statistical Areas (MSA's)¹												
Ann Arbor	count	26	31	28	17	28	23	14	21	13	16	
	pop	360,523	363,555	366,960	369,703	370,548	368,242	371,834	365,013	366,504	365,536	
	rate	7.2	8.5	7.6	4.6	7.6	6.2	3.8	5.8	3.5	4.4	-6.7% (-11.0%, -2.1%)
Battle Creek	count	8	6	6	3	9	11	5	10	8	12	
	pop	134,845	134,377	134,343	134,127	133,858	133,806	134,200	133,878	133,424	133,366	
	rate	5.9	4.5	4.5	2.2	6.7	8.2	3.7	7.5	6.0	9.0	No significant change
Bay City	count	2	1	5	7	6	3	3	1	2	0	
	pop	106,073	105,271	104,421	104,085	103,674	102,964	103,742	103,108	102,638	102,500	
	rate	1.9	0.9	4.8	6.7	5.8	2.9	2.9	1.0	1.9	0.0	No significant change
Detroit-Warren- Dearborn	count	520	484	502	510	471	434	350	404	395	432	
	pop	4,311,488	4,310,146	4,317,016	4,322,490	4,323,861	4,319,413	4,385,248	4,369,283	4,348,636	4,342,304	
	rate	12.1	11.2	11.6	11.8	10.9	10.0	8.0	9.2	9.1	9.9	-2.9% (-3.9%, -1.9%)
Flint	count	20	27	34	33	30	30	22	32	21	38	
	pop	412,950	410,574	409,054	407,673	406,626	405,702	405,777	404,627	401,923	401,522	
	rate	4.8	6.6	8.3	8.1	7.4	7.4	5.4	7.9	5.2	9.5	No significant change
Grand Rapids- Wyoming	count	66	52	50	59	48	52	36	48	50	39	
	pop	1,031,471	1,040,452	1,050,694	1,060,416	1,068,263	1,073,449	1,084,632	1,087,706	1,090,449	1,096,688	
	rate	6.4	5.0	4.8	5.6	4.5	4.8	3.3	4.4	4.6	3.6	-4.1% (-7.0%, -1.1%)
Jackson	count	14	8	6	10	0	4	1	7	3	7	
	pop	159,464	159,325	158,345	158,653	158,594	158,357	160,231	160,162	159,758	159,424	
	rate	8.8	5.0	3.8	6.3	0.0	2.5	0.6	4.4	1.9	4.4	No significant change
Kalamazoo- Portage	count	21	20	14	19	17	27	21	17	24	29	
	pop	334,314	334,903	336,867	338,683	340,554	341,125	337,370	336,201	336,561	338,013	
	rate	6.3	6.0	4.2	5.6	5.0	7.9	6.2	5.1	7.1	8.6	No significant change
Lansing-E Lansing	count	32	25	35	27	20	20	24	31	21	39	
	pop	471,401	472,993	476,492	479,707	480,180	481,160	473,020	459,596	471,983	473,177	
	rate	6.8	5.3	7.3	5.6	4.2	4.2	5.1	6.7	4.4	8.2	No significant change
Midland	count	0	2	0	2	0	2	0	0	2	0	
	pop	83,534	83,706	83,485	83,442	83,447	83,412	83,478	83,479	83,762	84,039	
	rate	0.0	2.4	0.0	2.4	0.0	2.4	0.0	0.0	2.4	0.0	No significant change
Monroe	count	4	6	3	4	9	4	4	10	3	4	
	pop	149,919	149,439	149,278	149,523	150,218	150,412	154,896	155,534	155,235	155,045	
	rate	2.7	4.0	2.0	2.7	6.0	2.7	2.6	6.4	1.9	2.6	No significant change
Muskegon	count	8	6	5	4	9	4	5	5	13	9	
	pop	172,304	172,506	173,342	173,804	173,719	173,645	174,784	175,550	175,539	176,564	
	rate	4.6	3.5	2.9	2.3	5.2	2.3	2.9	2.8	7.4	5.1	No significant change
Niles-Benton Harbor	count	10	6	5	9	3	2	5	10	6	6	
	pop	156,074	155,136	154,451	154,264	153,892	153,352	154,197	153,352	152,835	152,261	
	rate	6.4	3.9	3.2	5.8	1.9	1.3	3.2	6.5	3.9	3.9	No significant change

MSA's continued on next page

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

New Michigan HIV diagnoses 2014 - 2023: Geographic Stratification (last reported address each year)

Region	Measure	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)
Metropolitan Statistical Areas (MSA's)¹, continued from previous page												
Saginaw	count	12	6	19	19	9	5	5	6	7	7	
	pop	195,317	193,384	192,636	192,002	190,841	190,484	189,882	189,516	188,373	187,782	Plateaued; now no significant change
	rate	6	3	10	10	5	3	3	3	4	4	
Micropolitan Area	count	22	24	6	26	27	31	11	22	34	32	
	pop	1,134,274	1,133,108	1,133,545	1,134,196	1,134,029	1,135,375	1,141,073	1,141,588	1,142,812	1,144,629	No significant change
	rate	2	2	1	2	2	3	1	2	3	3	
Rural	count	9	8	10	9	10	8	11	10	12	14	
	pop	718,082	715,608	713,188	713,984	714,982	713,897	716,263	719,524	722,849	724,411	No significant change
	rate	1	1	1	1	1	1	2	1	2	2	

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

New Michigan HIV diagnoses 2014 - 2023: Geographic Stratification (last reported address each year)

Region	Measure	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)
Select cities: cities with at least 50 new HIV diagnoses over the 10 year period.												
Ann Arbor	count	8	6	11	6	15	8	5	8	3	3	
	pop	123,293	124,487	125,635	126,234	126,236	124,617	128,256	123,966	124,814	124,263	
	rate	6.5	4.8	8.8	4.8	11.9	6.4	3.9	6.5	2.4	2.4	No significant change
Battle Creek	count	4	4	6	3	9	6	3	7	7	11	
	pop	51,779	51,562	51,439	51,243	51,017	50,948	52,655	52,460	52,175	52,175	
	rate	7.7	7.8	11.7	5.9	17.6	11.8	5.7	13.3	13.4	21.1	+9.7% (0.5%, 19.7%)
Canton	count	5	7	3	5	5	7	2	4	3	9	
	pop	90,030	90,235	90,929	91,968	93,051	93,773	98,636	98,486	98,024	98,041	
	rate	5.6	7.8	3.3	5.4	5.4	7.5	2.0	4.1	3.1	9.2	No significant change
Clinton Township	count	5	6	12	11	7	8	7	10	8	8	
	pop	99,413	99,911	100,462	100,626	100,458	100,286	100,347	99,909	99,470	99,377	
	rate	5.0	6.0	11.9	10.9	7.0	8.0	7.0	10.0	8.0	8.1	No significant change
Dearborn	count	6	3	7	3	4	9	6	2	5	7	
	pop	95,984	95,502	95,079	94,758	94,470	93,988	109,620	108,408	106,882	105,811	
	rate	6.3	3.1	7.4	3.2	4.2	9.6	5.5	1.8	4.7	6.6	No significant change
Detroit	count	249	236	246	228	221	193	170	173	184	197	
	pop	682,746	679,562	677,379	675,031	673,658	670,442	638,300	633,738	631,366	633,218	
	rate	36.5	34.7	36.3	33.8	32.8	28.8	26.6	27.3	29.1	31.1	-2.7% (-4.2%, -1.2%)
Eastpointe	count	10	3	2	6	15	10	6	4	6	10	
	pop	32,739	32,612	32,621	32,495	32,254	32,021	34,234	34,092	33,810	33,676	
	rate	30.5	9.2	6.1	18.5	46.5	31.2	17.5	11.7	17.7	29.7	No significant change
Ferndale	count	10	3	7	7	4	4	3	4	2	1	
	pop	20,319	20,232	20,222	20,174	20,054	20,037	19,211	19,151	19,001	19,083	
	rate	49.2	14.8	34.6	34.7	19.9	20.0	15.6	20.9	10.5	5.2	-14.1% (-23.3%, -3.9%)
Flint	count	14	15	25	25	24	19	14	22	12	23	
	pop	129,705	128,694	127,859	127,078	126,373	125,833	112,505	111,836	110,849	110,571	
	rate	10.8	11.7	19.6	19.7	19.0	15.1	12.4	19.7	10.8	20.8	No significant change
Grand Rapids	count	32	28	29	34	25	28	21	24	19	18	
	pop	212,127	213,134	214,985	217,650	218,821	219,692	217,638	216,649	216,141	215,633	
	rate	15.1	13.1	13.5	15.6	11.4	12.7	9.6	11.1	8.8	8.3	-5.7% (-9.7%, -1.5%)
Highland Park	count	5	5	7	3	6	5	3	5	0	6	
	pop	11,030	10,974	10,921	10,876	10,828	10,787	8,953	8,748	8,596	8,443	
	rate	45.3	45.6	64.1	27.6	55.4	46.4	33.5	57.2	0.0	71.1	No significant change
Inkster	count	8	6	8	9	4	11	3	3	3	5	
	pop	24,858	24,731	24,623	24,530	24,425	24,291	25,993	25,702	25,324	25,056	
	rate	32.2	24.3	32.5	36.7	16.4	45.3	11.5	11.7	11.8	20.0	No significant change
Jackson	count	21	13	9	9	9	10	3	9	9	11	
	pop	33,028	32,942	32,732	32,724	32,575	32,411	31,309	31,196	30,974	30,854	
	rate	63.6	39.5	27.5	27.5	27.6	30.9	9.6	28.8	29.1	35.7	No significant change

Select cities continued on next page

New Michigan HIV diagnoses 2014 - 2023: Geographic Stratification (last reported address each year)

Region	Measure	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)
Select cities, continued from previous page												
Kalamazoo	count	13	13	7	14	11	23	13	13	14	18	
	pop	76,129	75,858	75,904	75,908	76,606	76,329	73,513	72,300	72,801	73,126	
	rate	17.1	17.1	9.2	18.4	14.4	30.1	17.7	18	19.2	24.6	No significant change
Lansing	count	22	17	26	23	12	13	13	20	18	26	
	pop	123,367	123,629	124,757	125,857	126,046	126,029	120,692	120,541	120,305	120,106	
	rate	17.8	13.8	20.8	18.3	9.5	10.3	10.8	16.6	15	21.6	No significant change
Muskegon	count	7	5	3	3	7	1	2	2	9	7	
	pop	59,785	59,723	59,836	59,716	59,055	58,399	58,905	59,029	58,909	58,995	
	rate	11.7	8.4	5	5	11.9	1.7	3.4	3.4	15.3	11.9	No significant change
Oak Park	count	5	8	8	8	7	8	5	8	4	4	
	pop	30,058	29,924	29,895	29,805	29,595	29,434	29,523	29,375	29,164	29,023	
	rate	16.6	26.7	26.8	26.8	23.7	27.2	16.9	27.2	13.7	13.8	No significant change
Pontiac	count	14	10	13	23	13	16	9	9	6	9	
	pop	60,476	60,275	60,247	60,147	59,776	59,441	61,827	62,134	61,961	61,689	
	rate	23.1	16.6	21.6	38.2	21.7	26.9	14.6	14.5	9.7	14.6	No significant change
Redford	count	4	6	6	6	5	8	7	10	4	9	
	pop	47,504	47,364	47,220	47,068	46,908	46,641	49,348	48,818	48,132	47,627	
	rate	8.4	12.7	12.7	12.7	10.7	17.2	14.2	20.5	8.3	18.9	No significant change
Romulus	count	8	4	4	7	4	6	2	2	6	7	
	pop	23,566	23,517	23,478	23,518	23,579	23,589	25,112	25,077	24,861	24,702	
	rate	33.9	17	17	29.8	17	25.4	8	8	24.1	28.3	No significant change
Roseville	count	5	6	7	4	3	8	4	9	5	5	
	pop	47,816	47,651	47,618	47,474	47,232	46,930	47,602	47,242	46,819	46,666	
	rate	10.5	12.6	14.7	8.4	6.4	17	8.4	19.1	10.7	10.7	No significant change
Royal Oak	count	6	8	5	8	5	4	2	7	4	0	
	pop	58,773	58,764	59,254	59,397	59,397	59,288	58,040	57,875	57,598	57,452	
	rate	10.2	13.6	8.4	13.5	8.4	6.7	3.4	12.1	6.9	0	Marginally significant -9.4% (-18.2%, 0.2%)
Saginaw	count	11	6	15	15	6	3	3	3	6	5	
	pop	89,842	88,888	88,499	88,170	87,563	87,246	85,734	85,376	84,695	84,237	
	rate	12.2	6.8	16.9	17	6.9	3.4	3.5	3.5	7.1	5.9	-10.6% (-19.6%, -0.7%)
Southfield	count	16	18	17	17	14	11	9	12	15	13	
	pop	73,451	73,407	73,496	73,415	73,020	72,693	76,391	75,976	75,557	75,687	
	rate	21.8	24.5	23.1	23.2	19.2	15.1	11.8	15.8	19.9	17.2	No significant change
Sterling Heights	count	5	10	0	11	11	5	5	6	7	4	
	pop	132,141	132,051	132,489	132,599	132,612	132,187	134,059	133,303	132,476	133,306	
	rate	3.8	7.6	0	8.3	8.3	3.8	3.7	4.5	5.3	3	No significant change
Taylor	count	8	10	7	9	6	6	5	9	8	8	
	pop	62,075	61,786	61,594	61,431	61,216	60,949	63,198	62,513	61,775	61,241	
	rate	12.9	16.2	11.4	14.7	9.8	9.8	7.9	14.4	13	13.1	No significant change
Warren	count	11	18	11	19	16	10	13	14	10	14	
	pop	135,673	135,393	135,206	135,011	134,248	133,667	139,122	138,336	137,125	136,655	
	rate	8.1	13.3	8.1	14.1	11.9	7.5	9.3	10.1	7.3	10.2	

New Michigan HIV diagnoses 2014 - 2023: Geographic Stratification (last reported address each year)

Region	Measure	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)
Select cities, continued from previous page												
Westland	count	18	9	5	11	8	10	6	8	7	6	
	pop	82,634	82,328	82,132	81,980	81,828	81,558	85,169	84,424	83,406	82,574	
	rate	21.8	10.9	6.1	13.4	9.8	12.3	7	9.5	8.4	7.3	-7.6% (-14.3%, -0.4%)
Wyoming	count	4	7	8	3	5	4	5	7	6	5	
	pop	75,001	75,317	75,726	76,105	75,870	75,639	76,759	76,837	76,655	77,451	
	rate	5.3	9.3	10.6	3.9	6.6	5.3	6.5	9.1	7.8	6.5	
Ypsilanti	count	14	25	16	10	13	12	8	13	10	10	
	pop	75,406	75,778	76,119	76,462	76,422	75,475	76,189	74,335	74,639	73,978	
	rate	18.6	33	21	13.1	17	15.9	10.5	17.5	13.4	13.5	-6.4% (-11.9%, -0.5%)

New Michigan HIV diagnoses 2014 - 2023: Demographic Stratification

	Measure	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)	
Sex at birth													
Male	count	639	594	625	626	568	560	433	545	524	585		
	pop	4,881,058	4,885,706	4,898,650	4,912,208	4,918,489	4,918,052	4,993,128	4,976,399	4,972,145	4,973,541		
	rate	13.1	12.2	12.8	12.7	11.5	11.4	8.7	11.0	10.5	11.8	-1.8%	(-2.7%, -0.9%)
Female	count	143	129	113	141	141	110	87	101	105	110		
	pop	5,050,975	5,048,777	5,055,467	5,064,544	5,068,797	5,066,743	5,077,499	5,061,718	5,061,136	5,063,720		
	rate	2.8	2.6	2.2	2.8	2.8	2.2	1.7	2.0	2.1	2.2	-3.2%	(-5.1%, -1.2%)
Trans-gender ¹	count	19	10	22	20	19	16	15	16	15	18		
	MI %	2.4%	1.4%	3.0%	2.6%	2.7%	2.4%	2.9%	2.5%	2.4%	2.6%	No significant change	
Race by sex at birth²													
Black/AA overall	count	465	436	414	446	404	384	314	340	327	368		
	pop	1,380,313	1,377,536	1,376,368	1,376,203	1,375,779	1,374,924	1,393,650	1,387,600	1,381,223	1,378,307		
	rate	33.7	31.7	30.1	32.4	29.4	27.9	22.5	24.5	23.7	26.7	-3.4%	(-4.5%, -2.3)
Black/AA males	count	363	350	349	349	319	316	252	278	266	301		
	pop	655,271	654,184	653,893	653,458	652,833	652,101	664,553	661,186	657,547	656,126		
	rate	55.4	53.5	53.4	53.4	48.9	48.5	37.9	42.0	40.5	45.9	-3.1%	(-4.3%, -1.9%)
Black/AA females	count	102	86	65	97	85	68	62	62	61	66		
	pop	725,042	723,352	722,475	722,745	722,946	722,823	729,097	726,414	723,676	722,181		
	rate	14.1	11.9	9.0	13.4	11.8	9.4	8.5	8.5	8.4	9.1	-4.7%	(-7.4%, -2.0%)
Latinx overall	count	53	48	54	67	52	58	39	52	73	80		
	pop	478,157	486,925	498,873	509,922	521,419	533,351	565,876	575,323	588,303	600,102		
	rate	11.1	9.9	10.8	13.1	10.0	10.9	6.9	9.0	12.4	13.3	No significant change	
Latinx males	count	48	39	48	58	44	53	34	47	66	75		
	pop	242,786	247,239	253,512	259,122	264,973	271,042	288,705	293,388	299,770	305,483		
	rate	19.8	15.8	18.9	22.4	16.6	19.6	11.8	16.0	22.0	24.6	No significant change	
Latinx females	count	5	9	6	9	8	5	5	5	7	5		
	pop	235,371	239,686	245,361	250,800	256,446	262,309	277,171	281,935	288,533	294,619		
	rate	2.1	3.8	2.4	3.6	3.1	1.9	1.8	1.8	2.4	1.7	No significant change	
White overall	count	227	206	226	234	220	210	141	213	190	227		
	pop	7,524,366	7,505,321	7,495,433	7,489,913	7,476,400	7,454,804	7,476,616	7,434,405	7,410,609	7,392,902		
	rate	3.0	2.5	3.0	3.1	2.9	2.8	1.9	2.9	2.6	3.1	No significant change	
White males	count	199	176	193	202	179	176	123	180	161	189		
	pop	3,714,276	3,707,371	3,704,169	3,703,334	3,697,578	3,687,639	3,724,941	3,703,818	3,690,594	3,681,408		
	rate	5.4	4.7	5.2	5.5	4.8	4.8	3.3	4.9	4.4	5.1	No significant change	
White females	count	28	30	33	32	41	34	18	33	29	38		
	pop	3,810,090	3,797,950	3,791,264	3,786,579	3,778,822	3,767,165	3,751,675	3,730,587	3,720,015	3,711,494		
	rate	0.7	0.8	0.9	0.8	1.1	0.9	0.5	0.9	0.8	1.0	No significant change	

Race by sex at birth continued on next page

¹Transgender persons are also included in the sex at birth categories. Sex at birth is used in Trends in order to calculate rates as gender census data are not available. ²Latinx persons may be of any race. Black/AA, Latinx, White, & Multi/Other are mutually exclusive categories. Persons with unknown race are not included: 1 in 2014 and 2016.

New Michigan HIV diagnoses 2014 - 2023: Demographic Stratification

Measure		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)
Race by sex at birth , continued from previous page												
Multi/other overall	count	36	33	43	20	33	18	26	41	39	21	
	pop	549,197	564,701	583,443	600,714	613,688	621,716	634,485	640,789	653,146	665,950	
	rate	6.6	5.8	7.4	3.3	5.4	2.9	4.1	6.4	6.0	3.2	No significant change
Multi/other males	count	28	29	34	17	26	15	24	40	31	20	
	pop	268,725	276,912	287,076	296,294	303,105	307,270	314,929	318,007	324,234	330,524	
	rate	10.4	10.5	11.8	5.7	8.6	4.9	7.6	12.6	9.6	6.1	No significant change
Multi/other females	count	8	4	9	3	7	3	2	1	8	1	
	pop	280,472	287,789	296,367	304,420	310,583	314,446	319,556	322,782	328,912	335,426	
	rate	2.9	1.4	3.0	1.0	2.3	1.0	0.6	0.3	2.4	0.3	No significant change
Ethnicity and country of birth												
Arab/Mid E descent ¹	count	3	4	6	5	7	8	6	4	5	5	
	MI %	0.4%	0.6%	0.8%	0.7%	1.0%	1.2%	1.2%	0.6%	0.8%	0.7%	No significant change
Foreign born ²	count	45	47	49	41	29	35	18	22	20	19	
	MI %	5.8%	6.5%	6.6%	5.4%	4.1%	5.2%	3.5%	3.4%	3.2%	2.7%	-8.6% (-12.2%, 4.9%)
Age (yrs) at HIV diagnosis												
00-14	count	3	2	1	2	2	0	0	2	1	2	
	pop	1,827,015	1,807,735	1,795,231	1,787,642	1,777,598	1,763,545	1,788,952	1,765,703	1,743,908	1,721,137	
	rate	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	No significant change
15-19	count	44	37	55	49	41	43	22	31	25	29	
	pop	679,240	673,348	669,622	661,892	652,633	644,542	656,937	639,054	645,047	647,110	
	rate	6.5	5.5	8.2	7.4	6.3	6.7	3.3	4.9	3.9	4.5	-5.2% (-8.7%, 1.5%)
20-29	count	341	316	317	334	300	270	212	234	249	247	
	pop	1,350,444	1,361,626	1,373,552	1,385,554	1,387,849	1,379,772	1,350,287	1,329,500	1,315,858	1,305,273	
	rate	25.3	23.2	23.1	24.1	21.6	19.6	15.7	17.6	18.9	18.9	-3.6% (-4.9%, -2.3%)
30-39	count	159	140	140	160	166	182	136	185	174	224	
	pop	1,161,361	1,167,312	1,179,755	1,189,888	1,201,063	1,213,625	1,248,488	1,267,323	1,282,207	1,294,851	
	rate	13.7	12.0	11.9	13.4	13.8	15.0	10.9	14.6	13.6	17.3	+2.7% (1.0%, 4.5%)
40-49	count	122	120	106	111	89	90	65	89	100	94	
	pop	1,280,527	1,249,326	1,224,272	1,206,477	1,192,689	1,178,852	1,188,925	1,173,959	1,170,344	1,175,587	
	rate	9.5	9.6	8.7	9.2	7.5	7.6	5.5	7.6	8.5	8.0	Marginally significant -2.1% (-4.2%, -0.0%)
50-59	count	88	85	94	87	74	58	64	76	53	73	
	pop	1,468,331	1,454,391	1,433,197	1,405,869	1,376,584	1,350,178	1,357,842	1,337,902	1,308,795	1,276,490	
	rate	6.0	5.8	6.6	6.2	5.4	4.3	4.7	5.7	4.0	5.7	Marginally significant -2.6% (-5.1%, 0.0%)
60+	count	25	23	25	24	37	27	21	29	27	27	
	pop	2,165,115	2,220,745	2,278,488	2,339,430	2,398,870	2,454,281	2,479,196	2,524,676	2,567,122	2,616,813	
	rate	1.2	1.0	1.1	1.0	1.5	1.1	0.8	1.1	1.1	1.0	No significant change

¹Persons of Arab/Middle Eastern descent may be of any race and are not excluded from the race categories. ²Foreign born persons include those diagnosed with HIV while living in Michigan.

New Michigan HIV diagnoses 2014 - 2023: Demographic Stratification

	Measure	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)*
HIV transmission risk by gender¹												
Sex w men	count	632	560	570	597	523	526	375	464	462	437	
	MI %	80.8%	77.5%	77.2%	77.8%	73.8%	78.5%	72.1%	71.8%	73.4%	62.8%	No significant change
Cis men	count	484	438	454	462	389	413	291	368	358	336	
	MI %	61.9%	60.6%	61.5%	60.2%	54.9%	61.6%	56.0%	57.0%	56.9%	48.3%	No significant change
Cis women	count	131	112	95	115	117	99	69	81	91	85	
	MI %	16.8%	15.5%	12.9%	15.0%	16.5%	14.8%	13.3%	12.5%	14.5%	12.2%	No significant change
Trans-gender	count	17	10	21	20	17	14	15	15	13	16	
	MI %	2.2%	1.4%	2.8%	2.6%	2.4%	2.1%	2.9%	2.3%	2.1%	2.3%	No significant change
PWID	count	19	25	23	34	40	23	15	26	16	25	
	MI %	2.4%	3.5%	3.1%	4.4%	5.6%	3.4%	2.9%	4.0%	2.5%	3.6%	No significant change
Cis men	count	12	12	9	14	23	13	6	12	7	13	
	MI %	1.5%	1.7%	1.2%	1.8%	3.2%	1.9%	1.2%	1.9%	1.1%	1.9%	No significant change
Cis women	count	7	13	14	20	17	10	9	14	9	12	
	MI %	0.9%	1.8%	1.9%	2.6%	2.4%	1.5%	1.7%	2.2%	1.4%	1.7%	No significant change
Trans-gender	count	0	0	0	0	0	0	0	0	0	0	
	MI %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	No significant change
Sex w men/PWID	count	20	17	30	23	24	21	23	34	21	24	
	MI %	2.6%	2.4%	4.1%	3.0%	3.4%	3.1%	4.4%	5.3%	3.3%	3.4%	No significant change
Cis men	count	18	17	30	23	22	19	23	33	20	23	
	MI %	2.3%	2.4%	4.1%	3.0%	3.1%	2.8%	4.4%	5.1%	3.2%	3.3%	No significant change
Trans-gender	count	2	0	0	0	2	2	0	1	1	1	
	MI %	0.3%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.2%	0.2%	0.1%	No significant change
Sex w women	count	26	32	30	31	27	25	16	11	48	11	
	MI %	3.3%	4.4%	4.1%	4.0%	3.8%	3.7%	3.1%	1.7%	7.6%	1.6%	No significant change
Cis men	count	26	32	30	31	27	25	16	11	48	11	
	MI %	3.3%	4.4%	4.1%	4.0%	3.8%	3.7%	3.1%	1.7%	7.6%	1.6%	No significant change
Trans-gender	count	0	0	0	0	0	0	0	0	0	0	
	MI %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	No significant change
Other risk	count	3	0	1	1	2	0	0	0	1	1	
	MI %	0.4%	0.0%	0.1%	0.1%	0.3%	0.0%	0.0%	0.0%	0.2%	0.1%	No significant change
Cis men	count	2	0	0	0	1	0	0	0	0	0	
	MI %	0.3%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	No significant change
Cis women	count	1	0	1	1	1	0	0	0	1	1	
	MI %	0.1%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	0.1%	No significant change
Trans-gender	count	0	0	0	0	0	0	0	0	0	0	
	MI %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	No significant change
Unknown risk	count	82	89	84	81	93	75	91	111	81	198	
	MI %	10.5%	12.3%	11.4%	10.6%	13.1%	11.2%	17.5%	17.2%	12.9%	28.4%	+8.6% (3.8%, 13.5%)

*Persons with unknown risk were excluded from the statistical testing for those with known risk. ¹Risk/Gender Notes: PWID (persons who inject drugs). Persons included under "Sex w women" have no reported risk other than sex with a woman living with HIV, or a woman at high risk for HIV. Nearly all with "Other risk" are perinatal or pediatric cases. For more detailed risk descriptions see [HIV Transmission Risk Category Definitions](#).

	Measure	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)
Special populations												
Men who have sex with men (MSM) including MSM/PWID (persons who inject drugs)												
MSM	count	502	455	484	485	411	432	314	401	378	359	
	est pop	283,101	283,371	284,122	284,908	285,272	285,247	289,601	288,631	288,384	288,465	
	rate	177.3	160.6	170.3	170.2	144.1	151.4	108.4	138.9	131.1	124.5	-3.6% (-4.6%, -2.6%)
15-29 yr old	count	198	189	196	189	167	166	118	123	129	103	
Black/AA MSM (YBMSM)	est pop	9,684	9,717	9,710	9,650	9,533	9,384	9,178	8,902	8,703	8,560	
	rate	2,044.7	1,945.1	2,018.5	1,958.6	1,751.8	1,769.0	1,285.7	1,381.6	1,482.2	1,203.3	-5.2% (-6.9%, -3.5%)
Persons who inject drugs (PWID) including MSM/PWID												
PWID	count	39	42	53	57	64	44	38	60	37	49	
	MI %	5.0%	5.8%	7.2%	7.4%	9.0%	6.6%	7.3%	9.3%	5.9%	7.0%	No significant change
15-29 yr old	count	19	14	16	26	22	16	18	20	12	14	
PWID	MI %	2.4%	1.9%	2.2%	3.4%	3.1%	2.4%	3.5%	3.1%	1.9%	2.0%	No significant change
Young (15-29) Black/AA men compared to others												
15-29 yr old	count	217	217	218	221	189	179	133	139	148	141	
Black/AA men (YBM)	pop	166,957	167,528	167,419	166,375	164,364	161,789	158,244	153,490	150,058	147,587	
	rate	130.0	129.5	130.2	132.8	115.0	110.6	84.0	90.6	98.6	95.5	-4.2% (-5.8%, -2.7%)
Other youth 15-29	count	168	136	154	162	152	134	101	126	126	135	
	pop	1,862,727	1,867,446	1,875,755	1,881,071	1,876,118	1,862,525	1,848,980	1,815,064	1,810,847	1,804,796	
30+ yrs old	rate	9.0	7.3	8.2	8.6	8.1	7.2	5.5	6.9	7.0	7.5	-2.1% (-3.9%, -0.3%)
	count	394	368	365	382	366	357	286	379	354	418	
	pop	6,075,334	6,091,774	6,115,712	6,141,664	6,169,206	6,196,936	6,274,451	6,303,860	6,328,468	6,363,741	
	rate	6.5	6.0	6.0	6.2	5.9	5.8	4.6	6.0	5.6	6.6	No significant change



The Detroit Metro Area, 2014 - 2023

Persons living in the Detroit Metro Area (DMA) at time of HIV diagnosis
(DMA: Lapeer, Macomb, Monroe, Oakland, St. Clair, & Wayne Counties).

Includes persons in prisons located in the DMA

New DMA HIV diagnoses 2014 - 2023: Geographic Stratification (last reported address each year)

Region	Measure	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)
DMA ¹	count	522	484	502	511	477	431	352	413	393	428	
	pop	4,275,840	4,272,364	4,277,709	4,282,090	4,282,820	4,277,767	4,346,176	4,329,484	4,307,737	4,300,592	
	rate	12.2	11.3	11.7	11.9	11.1	10.1	8.1	9.5	9.1	10.0	-3.0% (-4.0%, -2.0%)
DMA Prison ²	count	1	1	2	5	1	3	0	1	3	3	
	DMA %	0.2%	0.2%	0.4%	1.0%	0.2%	0.7%	0.0%	0.2%	0.8%	0.7%	No significant change

Local Health Department (LHD) Jurisdiction

Detroit LHD ³	count	263	246	258	235	229	203	175	183	187	206	
	pop	784,791	779,098	771,883	768,073	765,192	762,454	759,542	741,293	732,455	732,455	
	rate	33.5	31.6	33.4	30.6	29.9	26.6	23.0	24.7	25.5	28.1	-3.0% (-4.4%, -1.6%)
Lapeer Co.	count	0	1	3	3	4	2	2	1	2	2	
	pop	88,202	88,376	88,227	88,218	87,987	87,808	88,583	88,662	88,632	88,977	
	rate	0	1.1	3.4	3.4	4.5	2.3	2.3	1.1	2.3	2.2	No significant change
Macomb Co.	count	50	62	54	70	76	55	48	60	59	53	
	pop	862,914	865,031	868,329	870,867	872,089	872,389	880,238	877,646	874,235	875,101	
	rate	5.8	7.2	6.2	8	8.7	6.3	5.5	6.8	6.7	6.1	No significant change
Monroe Co.	count	4	6	3	4	9	4	4	10	3	4	
	pop	149,919	149,439	149,278	149,523	150,218	150,412	154,896	155,534	155,235	155,045	
	rate	2.7	4	2	2.7	6	2.7	2.6	6.4	1.9	2.6	No significant change
Oakland Co.	count	104	84	97	105	86	78	60	82	75	64	
	pop	1,243,076	1,244,895	1,251,563	1,256,478	1,257,472	1,257,726	1,272,493	1,272,630	1,271,025	1,270,426	
	rate	8.4	6.7	7.8	8.4	6.8	6.2	4.7	6.4	5.9	5	-4.3% (-6.6%, -2.0%)
St. Clair Co.	count	1	6	9	4	5	6	10	2	6	11	
	pop	160,103	159,757	159,477	159,130	159,186	159,339	160,380	160,205	159,668	159,874	
	rate	0.6	3.8	5.6	2.5	3.1	3.8	6.2	1.2	3.8	6.9	No significant change
Wayne Co. (excl Detroit LHD)	count	100	79	78	90	68	83	53	75	61	88	
	pop	986,835	985,768	988,952	989,801	990,676	987,639	1,030,044	1,033,514	1,026,487	1,018,714	
	rate	10.1	8.0	7.9	9.1	6.9	8.4	5.1	7.3	5.9	8.6	No significant change

Select cities

Dearborn	count	6	3	7	3	4	9	6	2	5	7	
	pop	95,984	95,502	95,079	94,758	94,470	93,988	109,620	108,408	106,882	105,811	
	rate	6.3	3.1	7.4	3.2	4.2	9.6	5.5	1.8	4.7	6.6	No significant change
Detroit	count	249	236	246	228	221	193	170	173	184	197	
	pop	682,746	679,562	677,379	675,031	673,658	670,442	638,300	633,738	631,366	633,218	
	rate	36.5	34.7	36.3	33.8	32.8	28.8	26.6	27.3	29.1	31.1	-2.7% (-4.2%, -1.2%)
Eastpointe	count	10	3	2	6	15	10	6	4	6	10	
	pop	32,739	32,612	32,621	32,495	32,254	32,021	34,234	34,092	33,810	33,676	
	rate	30.5	9.2	6.1	18.5	46.5	31.2	17.5	11.7	17.7	29.7	No significant change

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, included in demographic strata. ³Detroit 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.

New DMA HIV diagnoses 2014 - 2023: Geographic Stratification (last reported address each year)

Region	Measure	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)
Select cities												
Ferndale	count	10	3	7	7	4	4	3	4	2	1	
	pop	20,319	20,232	20,222	20,174	20,054	20,037	19,211	19,151	19,001	19,083	
	rate	49.2	14.8	34.6	34.7	19.9	20.0	15.6	20.9	10.5	5.2	-14.1% (-23.3%, -3.9%)
Highland Park	count	5	5	7	3	6	5	3	5	0	6	
	pop	11,030	10,974	10,921	10,876	10,828	10,787	8,953	8,748	8,596	8,443	
	rate	45.3	45.6	64.1	27.6	55.4	46.4	33.5	57.2	0.0	71.1	No significant change
Inkster	count	8	6	8	9	4	11	3	3	3	5	
	pop	24,858	24,731	24,623	24,530	24,425	24,291	25,993	25,702	25,324	25,056	
	rate	32.2	24.3	32.5	36.7	16.4	45.3	11.5	11.7	11.8	20.0	No significant change
Oak Park	count	5	8	8	8	7	8	5	8	4	4	
	pop	30,058	29,924	29,895	29,805	29,595	29,434	29,523	29,375	29,164	29,023	
	rate	16.6	26.7	26.8	26.8	23.7	27.2	16.9	27.2	13.7	13.8	No significant change
Pontiac	count	14	10	13	23	13	16	9	9	6	9	
	pop	60,476	60,275	60,247	60,147	59,776	59,441	61,827	62,134	61,961	61,689	
	rate	23.1	16.6	21.6	38.2	21.7	26.9	14.6	14.5	9.7	14.6	No significant change
Redford	count	4	6	6	6	5	8	7	10	4	9	
	pop	47,504	47,364	47,220	47,068	46,908	46,641	49,348	48,818	48,132	47,627	
	rate	8.4	12.7	12.7	12.7	10.7	17.2	14.2	20.5	8.3	18.9	No significant change
Romulus	count	8	4	4	7	4	6	2	2	6	7	
	pop	23,566	23,517	23,478	23,518	23,579	23,589	25,112	25,077	24,861	24,702	
	rate	33.9	17	17	29.8	17	25.4	8	8	24.1	28.3	No significant change
Roseville	count	5	6	7	4	3	8	4	9	5	5	
	pop	47,816	47,651	47,618	47,474	47,232	46,930	47,602	47,242	46,819	46,666	
	rate	10.5	12.6	14.7	8.4	6.4	17	8.4	19.1	10.7	10.7	No significant change
Royal Oak	count	6	8	5	8	5	4	2	7	4	0	
	pop	58,773	58,764	59,254	59,397	59,397	59,288	58,040	57,875	57,598	57,452	
	rate	10.2	13.6	8.4	13.5	8.4	6.7	3.4	12.1	6.9	0	Marginally significant -9.4% (-18.2%, 0.2%)
Southfield	count	16	18	17	17	14	11	9	12	15	13	
	pop	73,451	73,407	73,496	73,415	73,020	72,693	76,391	75,976	75,557	75,687	
	rate	21.8	24.5	23.1	23.2	19.2	15.1	11.8	15.8	19.9	17.2	No significant change
Sterling Heights	count	5	10	0	11	11	5	5	6	7	4	
	pop	132,141	132,051	132,489	132,599	132,612	132,187	134,059	133,303	132,476	133,306	
	rate	3.8	7.6	0	8.3	8.3	3.8	3.7	4.5	5.3	3	No significant change
Taylor	count	8	10	7	9	6	6	5	9	8	8	
	pop	62,075	61,786	61,594	61,431	61,216	60,949	63,198	62,513	61,775	61,241	
	rate	12.9	16.2	11.4	14.7	9.8	9.8	7.9	14.4	13	13.1	No significant change
Warren	count	11	18	11	19	16	10	13	14	10	14	
	pop	135,673	135,393	135,206	135,011	134,248	133,667	139,122	138,336	137,125	136,655	
	rate	8.1	13.3	8.1	14.1	11.9	7.5	9.3	10.1	7.3	10.2	No significant change
Westland	count	18	9	5	11	8	10	6	8	7	6	
	pop	82,634	82,328	82,132	81,980	81,828	81,558	85,169	84,424	83,406	82,574	
	rate	21.8	10.9	6.1	13.4	9.8	12.3	7	9.5	8.4	7.3	-7.6% (-14.3%, -0.4%)

New DMA HIV diagnoses 2014 - 2023: Demographic Stratification

	Measure	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)	
Sex at birth													
Male	count	423	394	431	415	392	365	302	344	332	353		
	pop	2,074,726	2,074,442	2,079,284	2,083,451	2,084,598	2,082,722	2,129,659	2,121,010	2,109,644	2,105,576		
	rate	20.4	19.0	20.7	19.9	18.8	17.5	14.2	16.2	15.7	16.8	-2.9%	(-3.9%, -1.7%)
Female	count	100	91	73	101	86	69	50	70	64	77		
	pop	2,201,114	2,197,922	2,198,425	2,198,639	2,198,222	2,195,045	2,216,517	2,208,474	2,198,093	2,195,016		
	rate	4.5	4.1	3.3	4.6	3.9	3.1	2.3	3.2	2.9	3.5	-3.7%	(-6.1%, -1.3%)
Trans-gender ¹	count	13	10	16	15	11	13	12	11	12	16		
	DMA %	2.5%	2.1%	3.2%	2.9%	2.3%	3.0%	3.4%	2.7%	3.1%	3.7%	No significant change	
Race by sex at birth²													
Black/AA overall	count	367	332	318	342	322	285	240	256	250	285		
	pop	965,516	962,526	960,702	960,120	959,271	958,622	975,657	971,695	965,230	961,855		
	rate	38.0	34.5	33.1	35.6	33.6	29.7	24.6	26.3	25.9	29.6	-3.6%	(-4.9%, -2.3)
Black/AA males	count	288	266	271	267	260	234	200	207	205	231		
	pop	444,082	442,469	441,788	441,250	440,529	439,882	449,612	447,318	443,800	442,010		
	rate	64.9	60.1	61.3	60.5	59.0	53.2	44.5	46.3	46.2	52.3	-3.4%	(-4.7%, -2.0%)
Black/AA females	count	79	66	47	75	62	51	40	49	45	53		
	pop	521,434	520,057	518,914	518,870	518,742	518,740	526,045	524,377	521,430	519,845		
	rate	15.2	12.7	9.1	14.5	12.0	9.8	7.6	9.3	8.6	10.2	-4.6%	(-7.6%, -1.5%)
Latinx overall	count	22	32	28	32	26	28	18	29	32	36		
	pop	182,446	185,703	190,302	194,302	198,678	203,524	220,936	224,519	229,391	234,152		
	rate	12.1	17.2	14.7	16.5	13.1	13.8	8.1	12.9	13.9	15.4	No significant change	
Latinx males	count	21	25	26	25	23	28	17	26	27	32		
	pop	91,865	93,577	96,020	98,153	100,384	102,816	112,174	113,956	116,334	118,666		
	rate	23	27	27	26	23	27	15	23	23	27	No significant change	
Latinx females	count	1	7	2	7	3	0	1	3	5	4		
	pop	90,581	92,126	94,282	96,149	98,294	100,708	108,762	110,563	113,057	115,486		
	rate	1.1	7.6	2.1	7.3	3.1	0.0	0.9	2.7	4.4	3.5	No significant change	
White overall	count	116	104	135	130	111	110	75	106	91	99		
	pop	2,859,062	2,846,539	2,837,524	2,828,138	2,816,815	2,802,344	2,825,863	2,804,011	2,777,263	2,761,141		
	rate	4	4	5	5	4	4	3	4	3	4	-2.2%	(-4.2%, -0.1)
White males	count	101	88	113	113	93	93	67	89	79	79		
	pop	1,407,006	1,402,006	1,398,603	1,395,483	1,390,487	1,384,059	1,405,974	1,395,064	1,381,475	1,373,245		
	rate	7.2	6.3	8.1	8.1	6.7	6.7	4.8	6.4	5.7	5.8	-2.7%	(-4.9%, -0.4%)
White females	count	15	16	22	17	18	17	8	17	12	20		
	pop	1,452,056	1,444,533	1,438,921	1,432,655	1,426,328	1,418,285	1,419,889	1,408,947	1,395,788	1,387,896		
	rate	1.0	1.1	1.5	1.2	1.3	1.2	0.6	1.2	0.9	1.4	No significant change	

Race by sex at birth continued on next page

¹Transgender persons are also included in the sex at birth categories. Sex at birth is used in Trends in order to calculate rates as gender census data are not available. ²Latinx persons may be of any race. Black/AA, Latinx, White, & Multi/Other are mutually exclusive categories. Persons with unknown race are not included: 1 in 2014 and 2016.

Measure		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)
Race by sex at birth , continued from previous page												
Multi/other overall	count	17	17	22	12	19	11	19	23	23	11	
	pop	268,816	277,596	289,181	299,530	308,056	313,277	323,720	329,259	335,853	343,444	
	rate	6.3	6.1	7.6	4.0	6.2	3.5	5.9	7.0	6.8	3.2	No significant change
Multi/other males	count	12	15	20	10	16	10	18	22	21	11	
	pop	131,773	136,390	142,873	148,565	153,198	155,965	161,899	164,672	168,035	171,655	
	rate	9.1	11.0	14.0	6.7	10.4	6.4	11.1	13.4	12.5	6.4	No significant change
Multi/other females	count	5	2	2	2	3	1	1	1	2	0	
	pop	137,043	141,206	146,308	150,965	154,858	157,312	161,821	164,587	167,818	171,789	
	rate	3.6	1.4	1.4	1.3	1.9	0.6	0.6	0.6	1.2	0.0	-18.5% (-31.7%, -2.8%)
Ethnicity and country of birth												
Arab/Mid E descent ¹	count	3	3	4	5	7	7	5	4	5	5	
	DMA %	0.6%	0.6%	0.8%	1.0%	1.5%	1.6%	1.4%	1.0%	1.3%	1.2%	No significant change
Foreign born ²	count	19	22	19	24	10	12	10	14	16	13	
	DMA %	3.6%	4.6%	3.8%	4.7%	2.1%	2.8%	2.8%	3.4%	4.1%	3.0%	No significant change
Age (yrs) at HIV diagnosis												
00-14	count	1	2	1	1	2	0	0	1	1	1	
	pop	800,782	791,673	785,622	780,959	776,306	770,058	788,667	777,630	767,059	757,048	
	rate	0.1	0.3	0.1	0.1	0.3	0.0	0.0	0.1	0.1	0.1	No significant change
15-19	count	25	28	39	34	34	34	18	18	22	21	
	pop	279,406	275,303	272,928	268,953	265,012	261,751	268,598	264,660	261,847	261,395	
	rate	8.9	10.2	14.3	12.6	12.8	13.0	6.7	6.8	8.4	8.0	No significant change
20-29	count	242	222	211	222	213	178	159	152	159	163	
	pop	554,851	561,488	567,913	573,339	574,752	570,877	561,067	551,439	539,713	531,936	
	rate	43.6	39.5	37.2	38.7	37.1	31.2	28.3	27.6	29.5	30.6	-4.5% (-6.0%, -2.9%)
30-39	count	104	86	92	104	108	123	87	119	108	144	
	pop	510,824	511,016	516,434	520,876	526,139	532,930	555,694	565,816	572,907	579,340	
	rate	20.4	16.8	17.8	20.0	20.5	23.1	15.7	21.0	18.9	24.9	+2.3 (0.2%, 4.5%)
40-49	count	80	78	74	82	55	52	37	52	61	55	
	pop	586,517	571,993	558,506	548,105	539,567	530,361	535,166	523,379	516,740	514,800	
	rate	13.6	13.6	13.2	15.0	10.2	9.8	6.9	9.9	11.8	10.7	-3.4% (-6.0%, -0.7%)
50-59	count	59	55	70	55	43	37	38	51	30	34	
	pop	644,614	639,554	631,525	620,703	608,376	597,248	606,281	598,449	586,210	573,238	
	rate	9.2	8.6	11.1	8.9	7.1	6.2	6.3	8.5	5.1	5.9	-5.5% (-8.8%, -2.2%)
60+	count	12	14	17	18	23	10	13	21	15	13	
	pop	898,846	921,337	944,781	969,155	992,668	1,014,542	1,030,703	1,048,111	1,063,261	1,082,835	
	rate	1.3	1.5	1.8	1.9	2.3	1.0	1.3	2.0	1.4	1.2	No significant change

¹Persons of Arab/Middle Eastern descent may be of any race and are not excluded from the race categories. ²Foreign born persons include those diagnosed with HIV while living in the DMA.

	Measure	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)*
HIV transmission risk by gender¹												
Sex w men	count	433	378	392	397	356	340	252	306	292	287	
	DMA %	83.0%	78.1%	78.1%	77.7%	74.6%	78.9%	71.6%	74.1%	74.3%	67.1%	No significant change
Cis men	count	328	290	314	300	272	267	202	238	225	209	
	DMA %	62.8%	59.9%	62.5%	58.7%	57.0%	61.9%	57.4%	57.6%	57.3%	48.8%	No significant change
Cis women	count	94	78	62	82	74	61	38	58	57	63	
	DMA %	18.0%	16.1%	12.4%	16.0%	15.5%	14.2%	10.8%	14.0%	14.5%	14.7%	No significant change
Trans-gender	count	11	10	16	15	10	12	12	10	10	15	
	DMA %	2.1%	2.1%	3.2%	2.9%	2.1%	2.8%	3.4%	2.4%	2.5%	3.5%	No significant change
PWID	count	10	18	13	22	25	16	9	12	9	12	
	DMA %	1.9%	3.7%	2.6%	4.3%	5.2%	3.7%	2.6%	2.9%	2.3%	2.8%	No significant change
Cis men	count	6	7	4	7	17	9	3	4	5	4	
	DMA %	1.1%	1.4%	0.8%	1.4%	3.6%	2.1%	0.9%	1.0%	1.3%	0.9%	No significant change
Cis women	count	4	11	9	15	8	7	6	8	4	8	
	DMA %	0.8%	2.3%	1.8%	2.9%	1.7%	1.6%	1.7%	1.9%	1.0%	1.9%	No significant change
Trans-gender	count	0	0	0	0	0	0	0	0	0	0	
	DMA %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	No significant change
Sex w men/PWID	count	15	9	18	13	14	9	16	15	11	8	
	DMA %	2.9%	1.9%	3.6%	2.5%	2.9%	2.1%	4.5%	3.6%	2.8%	1.9%	No significant change
Cis men	count	13	9	18	13	13	8	16	14	10	7	
	DMA %	2.5%	1.9%	3.6%	2.5%	2.7%	1.9%	4.5%	3.4%	2.5%	1.6%	No significant change
Trans-gender	count	2	0	0	0	1	1	0	1	1	1	
	DMA %	0.4%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.2%	0.3%	0.2%	No significant change
Sex w women	count	11	21	20	21	16	13	14	7	40	8	
	DMA %	2.1%	4.3%	4.0%	4.1%	3.4%	3.0%	4.0%	1.7%	10.2%	1.9%	No significant change
Cis men	count	11	21	20	21	16	13	14	7	40	8	
	DMA %	2.1%	4.3%	4.0%	4.1%	3.4%	3.0%	4.0%	1.7%	10.2%	1.9%	No significant change
Trans-gender	count	0	0	0	0	0	0	0	0	0	0	
	DMA %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	No significant change
Other risk	count	1	0	1	1	2	0	0	0	1	0	
	DMA %	0.2%	0.0%	0.2%	0.2%	0.4%	0.0%	0.0%	0.0%	0.3%	0.0%	No significant change
Cis men	count	1	0	0	0	1	0	0	0	0	0	
	DMA %	0.2%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	No significant change
Cis women	count	0	0	1	1	1	0	0	0	1	0	
	DMA %	0.0%	0.0%	0.2%	0.2%	0.2%	0.0%	0.0%	0.0%	0.3%	0.0%	No significant change
Trans-gender	count	0	0	0	0	0	0	0	0	0	0	
	DMA %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	No significant change
Unknown risk	count	53	59	60	62	65	56	61	74	43	116	
	DMA %	10.2%	12.2%	12.0%	12.1%	13.6%	13.0%	17.3%	17.9%	10.9%	27.1%	+7.8% (3.1%, 12.7%)

*Persons with unknown risk were excluded from the statistical testing for those with known risk. ¹Risk/Gender Notes: PWID (persons who inject drugs). Persons included under "Sex w women" have no reported risk other than sex with a woman living with HIV, or a woman at high risk for HIV. Nearly all with "Other risk" are perinatal or pediatric cases. For more detailed risk descriptions see [HIV Transmission Risk Category Definitions](#).

	Measure	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)
Special populations												
Men who have sex with men (MSM) including MSM/PWID (persons who inject drugs)												
MSM	count	341	299	332	313	285	275	218	252	235	216	
	est pop	120,334	120,318	120,598	120,840	120,907	120,798	123,520	123,019	122,359	122,123	
	rate	283.4	248.5	275.3	259.0	235.7	227.7	176.5	204.8	192.1	176.9	-4.8% (-6.0%, -3.5%)
15-29 yr old	count	159	146	152	140	139	120	98	90	96	82	
Black/AA MSM (YBMSM)	est pop	6,288	6,285	6,267	6,214	6,129	6,013	5,883	5,701	5,530	5,416	
	rate	2,528.6	2,322.8	2,425.3	2,253.0	2,267.9	1,995.8	1,665.8	1,578.6	1,736.0	1,513.9	-5.5% (-7.4%, -3.5%)
Persons who inject drugs (PWID) including MSM/PWID												
PWID	count	25	27	31	35	39	25	25	27	20	20	
	DMA %	4.8%	5.6%	6.2%	6.9%	8.2%	5.8%	7.1%	6.5%	5.1%	4.7%	No significant change
15-29 yr old	count	15	9	8	15	13	8	13	7	4	6	
PWID	DMA %	2.9%	1.9%	1.6%	2.9%	2.7%	1.9%	3.7%	1.7%	1.0%	1.4%	No significant change
Young (15-29) Black/AA men compared to others												
15-29 yr old	count	173	166	169	164	160	131	111	101	110	108	
Black/AA men (YBM)	pop	108,414	108,369	108,055	107,139	105,675	103,667	101,431	98,296	95,346	93,385	
	rate	159.6	153.2	156.4	153.1	151.4	126.4	109.4	102.8	115.4	115.7	-4.5% (-6.3%, -2.7%)
Other youth 15-29	count	94	84	81	92	87	81	66	69	71	76	
	pop	725,843	728,422	732,786	735,153	734,089	728,961	728,234	717,803	706,214	699,946	
	rate	13.0	11.5	11.1	12.5	11.9	11.1	9.1	9.6	10.1	10.9	No significant change
30+ yrs old	count	255	233	253	259	229	222	175	243	214	246	
	pop	2,640,801	2,643,900	2,651,246	2,658,839	2,666,750	2,675,081	2,727,844	2,735,755	2,739,118	2,750,213	
	rate	9.7	8.8	9.5	9.7	8.6	8.3	6.4	8.9	7.8	8.9	No significant change



Detroit LHD Jurisdiction, 2014 - 2023

Persons living in the Detroit Health Department's Jurisdiction at time of HIV diagnosis
(Detroit LHD: Detroit, Hamtramck, Harper Woods, Highland Park, & the Grosse Pointes).

Includes persons in prisons located in the Detroit LHD Jurisdiction

New Detroit LHD HIV diagnoses 2014 - 2023: Geographic Stratification (last reported address each year)

Region	Measure	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)
Detroit LHD	count	263	246	258	235	229	203	175	183	187	206	
Jurisdiction ¹	pop	784,791	779,098	771,883	768,073	765,192	762,454	759,542	741,293	732,455	732,455	
	rate	33.5	31.6	33.4	30.6	29.9	26.6	23.0	24.7	25.5	28.1	-3.0% (-4.4%, -1.6%)
Detroit LHD	count	0	0	0	0	0	0	0	0	0	0	
Prison ²	DLHD %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	No significant change

Select cities: cities with at least 50 new HIV diagnoses over the 10 year period.

Detroit	count	249	236	246	228	221	193	170	173	184	197	
	pop	682,746	679,562	677,379	675,031	673,658	670,442	638,300	633,738	631,366	633,218	
	rate	36.5	34.7	36.3	33.8	32.8	28.8	26.6	27.3	29.1	31.1	-3.1% (-4.6%, -1.6%)
Highland Park	count	5	5	7	3	6	5	3	5	0	6	
	pop	11,030	10,974	10,921	10,876	10,828	10,787	8,953	8,748	8,596	8,443	
	rate	45.3	45.6	64.1	27.6	55.4	46.4	33.5	57.2	0.0	71.1	No significant change

New Detroit LHD HIV diagnoses 2014 - 2023: Demographic Stratification

Sex at birth												
Male	count	213	199	217	182	185	168	144	137	156	169	
	pop	373,405	370,525	366,478	364,829	363,243	363,201	361,504	353,882	349,710	349,710	
	rate	57.0	53.7	59.2	49.9	50.9	46.3	39.8	38.7	44.6	48.3	-3.1% (-4.7%, -1.5%)
Female	count	51	48	42	55	45	36	31	46	34	40	
	pop	411,386	408,573	405,405	403,244	401,949	399,253	398,038	387,411	382,745	382,745	
	rate	12.4	11.7	10.4	13.6	11.2	9.0	7.8	11.9	8.9	10.5	No significant change

Trans-gender ³	count	4	7	10	9	6	10	8	5	8	9	
	DLHD %	1.5%	2.8%	3.9%	3.8%	2.6%	4.9%	4.6%	2.7%	4.3%	4.4%	No significant change

Race by sex at birth

Black/AA overall	count	235	223	221	210	205	182	152	162	160	172	
	pop	583,126	574,044	566,144	559,462	553,453	549,177	536,457	522,773	514,963	514,963	
	rate	40.3	38.8	39.0	37.5	37.0	33.1	28.3	31.0	31.1	33.4	-2.9% (-4.4%, -1.3%)
Black/AA males	count	188	180	186	160	164	149	126	124	131	139	
	pop	271,041	266,719	262,445	259,169	256,575	254,192	247,614	242,297	238,952	238,952	
	rate	69.4	67.5	70.9	61.7	63.9	58.6	50.9	51.2	54.8	58.2	-3.0% (-4.7%, -1.2%)
Black/AA females	count	47	43	35	50	41	33	26	38	29	33	
	pop	312,086	307,328	303,695	300,294	296,888	294,988	288,841	280,479	276,021	276,021	
	rate	15.1	14.0	11.5	16.7	13.8	11.2	9.0	13.5	10.5	12.0	No significant change

Race by sex at birth continued on next page

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, included in demographic strata. ³Transgender persons are also included in the sex at birth categories. Sex at birth is used in Trends in order to calculate rates as gender census data are not available.

	Measure	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)
Race by sex at birth¹ (continued from previous page)												
Latinx overall	count	9	8	14	8	9	8	6	8	13	22	
	pop	52,482	54,568	52,752	53,004	52,841	53,215	53,635	51,802	49,391	49,391	
	rate	17.1	14.7	26.5	15.1	17.0	15.0	11.2	15.4	26.3	44.5	+8.4% (0.9%, 16.5%)
Latinx males	count	9	6	13	6	7	8	5	6	10	21	
	pop	26,713	27,536	26,781	27,009	26,951	27,486	27,668	26,715	25,135	25,135	
	rate	33.7	21.8	48.5	22.2	26.0	29.1	18.1	22.5	39.8	83.5	No significant change
Latinx females	count	0	2	1	2	2	0	1	2	3	1	
	pop	25,769	27,032	25,971	25,995	25,890	25,729	25,967	25,087	24,256	24,256	
	rate	0.0	7.4	3.9	7.7	7.7	0.0	3.9	8.0	12.4	4.1	No significant change
White overall	count	16	11	15	14	12	10	10	11	11	11	
	pop	117,108	117,952	118,936	120,904	122,650	124,218	127,330	123,959	122,619	122,619	
	rate	13.7	9.3	12.6	11.6	9.8	8.1	7.9	8.9	9.0	9.0	No significant change
White males	count	12	9	11	12	10	7	7	6	10	5	
	pop	59,675	60,224	60,534	61,794	62,387	63,976	65,629	63,584	62,804	62,804	
	rate	20.1	14.9	18.2	19.4	16.0	10.9	10.7	9.4	15.9	8.0	No significant change
White females	count	4	2	4	2	2	3	3	5	1	6	
	pop	57,433	57,728	58,402	59,110	60,263	60,242	61,701	60,375	59,815	59,815	
	rate	7.0	3.5	6.8	3.4	3.3	5.0	4.9	8.3	1.7	10.0	No significant change
Multi/other overall	count	4	5	8	5	4	4	7	2	6	4	
	pop	32,074	32,531	34,055	34,702	36,238	35,841	42,122	42,756	45,472	45,472	
	rate	12.5	15.4	23.5	14.4	11.0	11.2	16.6	4.7	13.2	8.8	No significant change
Multi/other males	count	4	4	6	4	4	4	6	1	5	4	
	pop	15,976	16,046	16,718	16,857	17,330	17,547	20,593	21,286	22,819	22,819	
	rate	25.0	24.9	35.9	23.7	23.1	22.8	29.1	4.7	21.9	17.5	No significant change
Multi/other females	count	0	1	2	1	0	0	1	1	1	0	
	pop	16,098	16,485	17,337	17,845	18,908	18,294	21,529	21,470	22,653	22,653	
	rate	0.0	6.1	11.5	5.6	0.0	0.0	4.6	4.7	4.4	0.0	No significant change

Ethnicity and country of birth

Arab/Mid E descent ²	count	1	0	1	1	0	1	1	3	1	2	
	DLHD %	0.4%	0.0%	0.4%	0.4%	0.0%	0.5%	0.6%	1.6%	0.5%	1.0%	No significant change
Foreign born ³	count	4	3	4	3	0	2	2	5	8	7	
	DLHD %	1.5%	1.2%	1.6%	1.3%	0.0%	1.0%	1.1%	2.7%	4.3%	3.4%	+15.9 (3.9%, -29.3%)

Age (yrs) at HIV diagnosis

City census data are not available in 10 year age groups. See following page for breakdown among those diagnosed before and after 30 years of age.

¹Latinx persons may be of any race. Black/AA, Latinx, White, & Multi/Other are mutually exclusive categories. Persons with unknown race are not included: 1 in 2016. ²Persons of Arab/Middle Eastern descent may be of any race and are not excluded from the race categories. ³Foreign born persons include those diagnosed with HIV while living in the Detroit LHD area.

	Measure	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)*
HIV transmission risk by gender¹												
Sex w men	count	218	191	203	187	173	165	124	135	146	139	
	DLHD %	82.9%	77.6%	78.7%	79.6%	75.5%	81.3%	70.9%	73.8%	78.1%	67.5%	No significant change
Cis men	count	168	141	155	130	126	121	92	91	109	96	
	DLHD %	63.9%	57.3%	60.1%	55.3%	55.0%	59.6%	52.6%	49.7%	58.3%	46.6%	No significant change
Cis women	count	46	43	38	48	41	34	24	40	30	34	
	DLHD %	17.5%	17.5%	14.7%	20.4%	17.9%	16.7%	13.7%	21.9%	16.0%	16.5%	No significant change
Trans-gender	count	4	7	10	9	6	10	8	4	7	9	
	DLHD %	1.5%	2.8%	3.9%	3.8%	2.6%	4.9%	4.6%	2.2%	3.7%	4.4%	No significant change
PWID	count	8	9	4	9	11	4	4	6	4	4	
	DLHD %	3.0%	3.7%	1.6%	3.8%	4.8%	2.0%	2.3%	3.3%	2.1%	1.9%	No significant change
Cis men	count	5	4	2	3	8	2	1	3	2	1	
	DLHD %	1.9%	1.6%	0.8%	1.3%	3.5%	1.0%	0.6%	1.6%	1.1%	0.5%	No significant change
Cis women	count	3	5	2	6	3	2	3	3	2	3	
	DLHD %	1.1%	2.0%	0.8%	2.6%	1.3%	1.0%	1.7%	1.6%	1.1%	1.5%	No significant change
Trans-gender	count	0	0	0	0	0	0	0	0	0	0	
	DLHD %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	No significant change
Sex w men/PWID	count	7	3	9	3	6	1	2	6	3	0	
	DLHD %	2.7%	1.2%	3.5%	1.3%	2.6%	0.5%	1.1%	3.3%	1.6%	0.0%	No significant change
Cis men	count	7	3	9	3	6	1	2	5	2	0	
	DLHD %	2.7%	1.2%	3.5%	1.3%	2.6%	0.5%	1.1%	2.7%	1.1%	0.0%	No significant change
Trans-gender	count	0	0	0	0	0	0	0	1	1	0	
	DLHD %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.5%	0.0%	No significant change
Sex w women	count	5	14	13	11	5	7	11	3	20	5	
	DLHD %	1.9%	5.7%	5.0%	4.7%	2.2%	3.4%	6.3%	1.6%	10.7%	2.4%	No significant change
Cis men	count	5	14	13	11	5	7	11	3	20	5	
	DLHD %	1.9%	5.7%	5.0%	4.7%	2.2%	3.4%	6.3%	1.6%	10.7%	2.4%	No significant change
Trans-gender	count	0	0	0	0	0	0	0	0	0	0	
	DLHD %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	No significant change
Other risk	count	1	0	1	0	0	0	0	0	1	0	
	DLHD %	0.4%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	No significant change
Cis men	count	1	0	0	0	0	0	0	0	0	0	
	DLHD %	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	No significant change
Cis women	count	0	0	1	0	0	0	0	0	1	0	
	DLHD %	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	No significant change
Trans-gender	count	0	0	0	0	0	0	0	0	0	0	
	DLHD %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	No significant change
Unknown risk	count	25	30	29	27	35	27	34	33	16	61	
	DLHD %	9.5%	12.2%	11.2%	11.5%	15.3%	13.3%	19.4%	18.0%	8.6%	29.6%	+8.6% (2.3%, 15.3%)

*Persons with unknown risk were excluded from the statistical testing for those with known risk. ¹Risk/Gender Notes: PWID (persons who inject drugs). Persons included under "Sex w women" have no reported risk other than sex with a woman living with HIV, or a woman at high risk for HIV. Nearly all with "Other risk" are perinatal or pediatric cases. For more detailed risk descriptions see [HIV Transmission Risk Category Definitions](#).

	Measure	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change (95CI)
Special populations												
Men who have sex with men (MSM) including MSM/PWID (persons who inject drugs)												
MSM	count	175	144	164	133	132	122	94	96	111	96	
	est pop	21,657	21,490	21,256	21,160	21,068	21,066	20,967	20,525	20,283	20,283	
	rate	808.0	670.1	771.6	628.5	626.5	579.1	448.3	467.7	547.3	473.3	-5.5% (-7.3%, -3.6%)
15-29 yr old	count	108	91	94	81	84	72	54	45	63	44	
Black/AA MSM (YBMSM)	est pop	3,755	3,685	3,694	3,603	3,572	3,507	3,349	3,122	3,055	3,055	
	rate	2,876.0	2,469.6	2,544.8	2,248.2	2,351.4	2,053.0	1,612.6	1,441.3	2,062.0	1,440.1	-6.2% (-8.7%, -3.7%)
Persons who inject drugs (PWID) including MSM/PWID												
PWID	count	15	12	13	12	17	5	6	12	7	4	
	DLHD %	5.7%	4.9%	5.0%	5.1%	7.4%	2.5%	3.4%	6.6%	3.7%	1.9%	No significant change
15-29 yr old	count	7	3	4	4	6	1	2	4	3	0	
PWID	DLHD %	2.7%	1.2%	1.6%	1.7%	2.6%	0.5%	1.1%	2.2%	1.6%	0.0%	No significant change
Young (15-29) Black/AA men compared to others												
15-29 yr old	count	117	103	106	97	101	82	63	51	71	60	
Black/AA men (YBM)	pop	64,746	63,531	63,686	62,119	61,592	60,468	57,734	53,829	52,677	52,677	
	rate	180.7	162.1	166.4	156.2	164.0	135.6	109.1	94.7	134.8	113.9	-5.2% (-7.4%, -2.8%)
Other youth 15-29	count	33	31	29	29	37	35	26	22	27	30	
	pop	112,326	112,497	113,429	114,130	114,123	114,313	115,303	109,180	106,694	106,694	
	rate	29.4	27.6	25.6	25.4	32.4	30.6	22.5	20.2	25.3	28.1	No significant change
30+ yrs old	count	113	112	123	111	92	87	86	109	91	119	
	pop	442,044	439,495	432,412	429,937	429,008	428,201	427,190	422,258	420,922	420,922	
	rate	25.6	25.5	28.4	25.8	21.4	20.3	20.1	25.8	21.6	28.3	No significant change