

Trends in HIV Acquired Through Injection Drug Use (IDU) in Pennsylvania, 2013-2022

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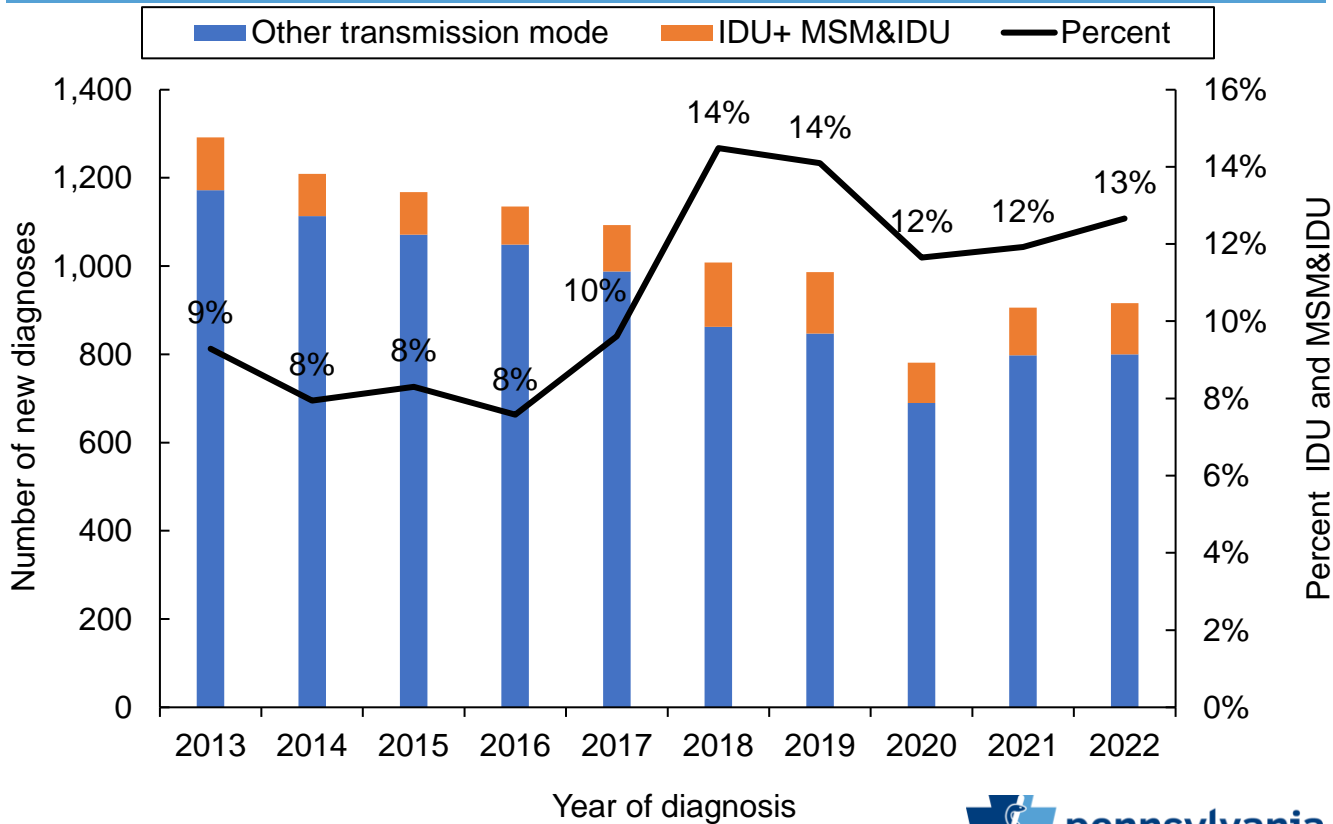
Quick Note

Data for the years 2020 and 2021 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, care-related services, and case surveillance activities in state/local jurisdictions. Therefore, more time and data are needed to accurately assess COVID-19's impact on HIV disease in Pennsylvania (Pa.).

Overview of HIV and IDU, Pa., 2013-2022

- From 2013 to 2022, a total of 10,494 individuals were newly diagnosed with HIV disease.
- Injecting Drug Users (IDU) and those who had HIV exposures of men who have sex with men (MSM) who are also IDU (MSM&IDU) accounted for 10.5% (1,104/10,494) of individuals newly diagnosed with HIV in the 10 years of review.
- At year-end 2022, individuals who acquired HIV through IDU and MSM&IDU accounted for 20.3% (8,378/41,364) of people living with HIV (PLWH) in Pa.

10-Year Trend in Newly Diagnosed HIV Disease among IDU in Pa., 2013-2022 (N=1,104)



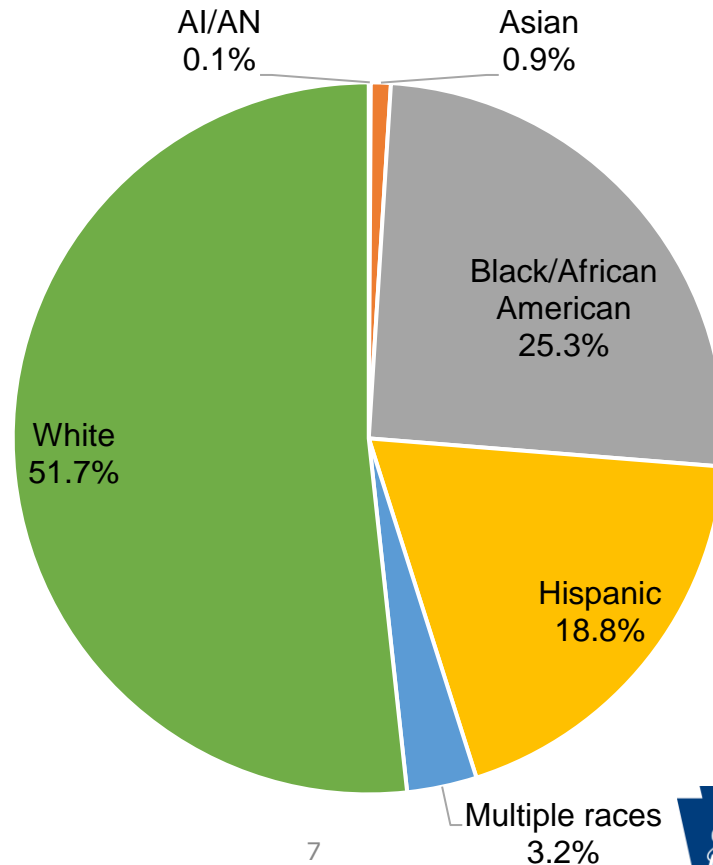
Newly Diagnosed IDU Acquired HIV Disease by Sex at Birth, Pa., 2013-2022 (N=1,104)

- Females accounted for 21.6% of the number of newly diagnosed HIV disease and 24.8% (274/1,104) of those who acquired HIV through IDU
- Males accounted for 78.4% of all newly diagnosed HIV disease and 75.2% (830/1,104) of those diagnosed with HIV through IDU
- By sex, among females, 12.1%(274/2,264) acquired HIV through IDU compared to 10.1% males (830/8,230)

Newly Diagnosed IDU Acquired HIV Disease by Race/Ethnicity, Pa., 2013-2022 (N=1,104), Cont'd

- Blacks/African Americans accounted for 48.7% (5,106/10,494) of the number of newly diagnosed HIV disease but 25.3% (279/1,104) of those who acquired HIV through IDU
- Whites accounted for 28.7%(3,012/10,494) of individuals newly diagnosed with HIV disease but 51.7% (571/1,104) of people who acquired HIV through IDU
- Asians accounted for 1.5% (161/10,494) of individuals newly diagnosed with HIV disease but 0.9% (10/1,104) of people who acquired HIV through IDU

Percent of Individuals Newly Diagnosed with IDU Risk by Race/Ethnicity, Pa., 2013-2022 (N=1,104)



Number of Individuals Newly Diagnosed with IDU by Age at Diagnosis, Pa., 2013-2022 (N=1,104)

Age at diagnosis (years)	Total Newly Diagnosed HIV Disease		IDU+MSM&IDU	
	No.	%	No.	%
≤12	23	0.2	0	0
13-14	6	0.1	0	0
15-24	2,273	21.7	101	9.1
25-34	3,465	33.0	413	37.4
35-44	1,970	18.8	290	26.3
45-54	1,638	15.6	183	16.6
55-64	881	8.4	101	9.1
≥65	238	2.3	16	1.4
Total	10,494	100	1,104	100

Data source: Pa. HIV surveillance

Newly Diagnosed IDU Acquired HIV Disease at County Level, Pa., 2013-2022 (N=1,104)

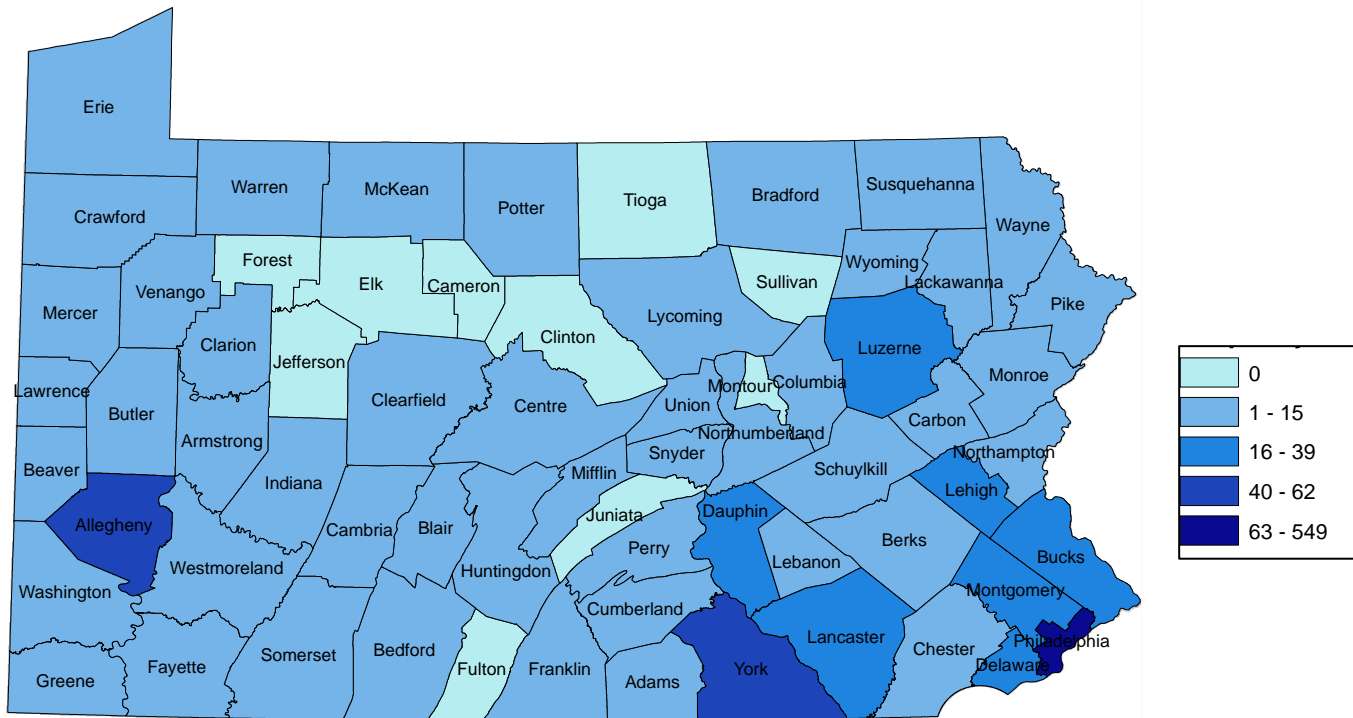
- The top 5 counties with the highest numbers of people newly diagnosed with HIV acquired through IDU are Philadelphia, Allegheny, York, Bucks, and Delaware counties.
- Philadelphia County accounted for 49.7% (549/1,104) of all newly diagnosed HIV acquired through IDU.
- Allegheny, York, Bucks, and Delaware counties accounted for 5.6%, 4.7%, 3.5% and 3.5%, respectively, of all newly diagnosed HIV acquired through the IDU.

Top 10 Counties With the Highest Number of Newly Diagnosed HIV Disease and HIV Acquired Through IDU at County Level, Pa., 2013-2022

County/State	Total		County/State	IDU and MSM/IDU	
	No.	%		No.	%
Pennsylvania	10,494	100.0	Pennsylvania	1,104	100.0
Philadelphia	4,686	44.7	Philadelphia	549	49.7
Allegheny	977	9.3	Allegheny	62	5.6
Delaware	632	6.0	York	52	4.7
Montgomery	417	4.0	Bucks	39	3.5
Dauphin	345	3.3	Delaware	39	3.5
Lehigh	311	3.0	Lancaster	33	3.0
Berks	305	2.9	Montgomery	31	2.8
York	295	2.8	Luzerne	28	2.5
Bucks	277	2.6	Dauphin	25	2.3
Lancaster	249	2.4	Lehigh	23	2.1

Data source: Pa. HIV surveillance

Number of Newly Diagnosed HIV Disease Acquired Through IDU by County, Pa., 2013-2022



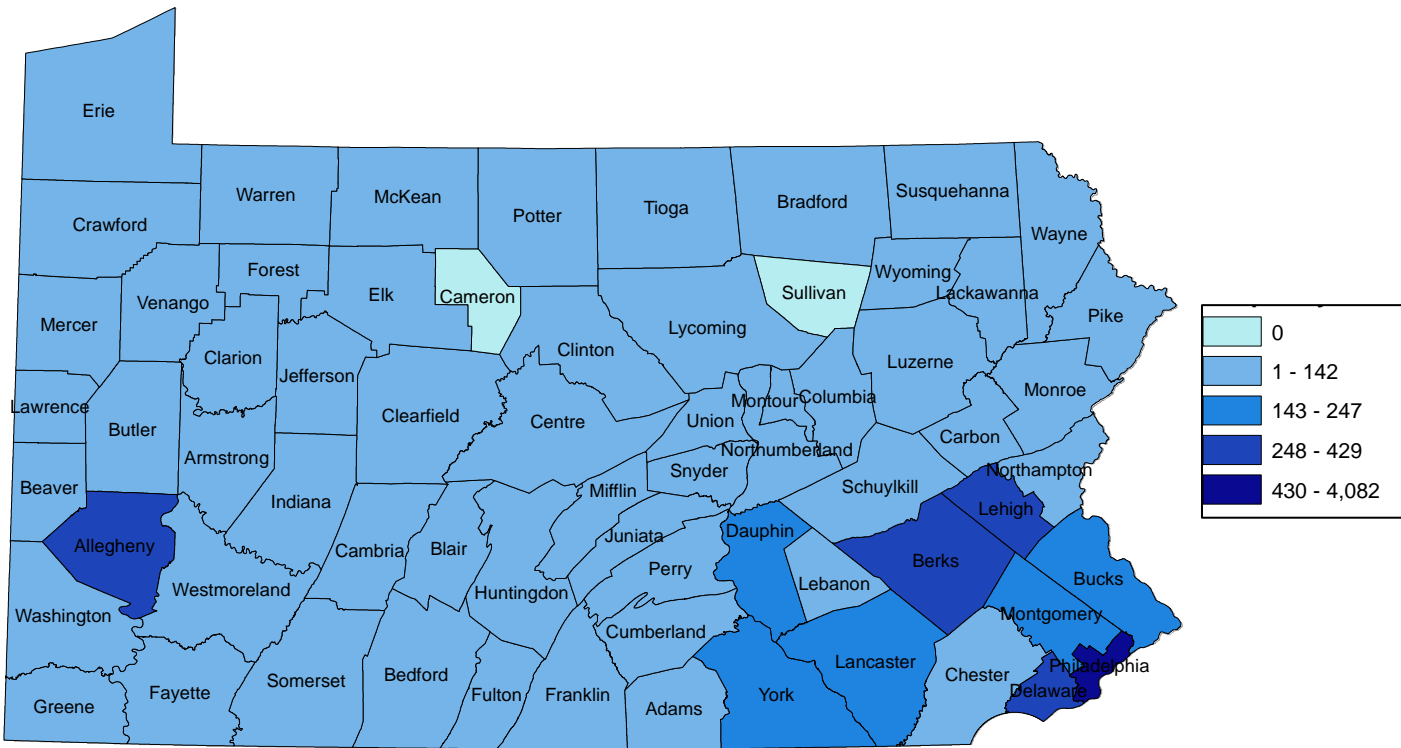
Data source: Pa. HIV surveillance

People Living With HIV Acquired through IDU at Year-end 2022, Pa.

Selected Characteristics	Number	Percent
Total	8,378	100
Sex/Gender		
Female	2,363	28.2
Male	5,946	71.0
Transgender	69	0.8
Race/Ethnicity		
American Indian/Alaskan Native	7	0.1
Asian	20	0.2
Black/African American	3,622	43.2
Hispanic	2,092	25.0
Multiple races	435	5.2
White	2,202	26.3
Age at year-end 2022 (years)		
15-24	19	0.2
25-34	379	4.5
35-44	966	11.5
45-54	1,692	20.2
55-64	3,233	38.6
≥65	2,089	24.9

Data source: Pa. HIV surveillance

People Living With HIV Acquired Through IDU at Year-end by County, Pa., 2022



Data source: Pa. HIV surveillance



Summary

- 1 in 10 individuals newly diagnosed with HIV during the 10-year period in Pa. acquired HIV through IDU
- Among newly diagnosed individuals, males, white and those aged 25 to 34 years old, accounted for the highest proportion of the population with HIV acquired through IDU
- Among people living with HIV at year-end 2022, males, black/African Americans, and those aged 55 to 64 years old accounted for the highest proportion
- The Southeast and Southcentral region had the highest number of PLWH and newly diagnosed individuals with HIV acquired through IDU

Questions



Contact Information

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