

PrEP Awareness and Use in the Detroit Metro Area, 2011-2019

National HIV Behavioral Surveillance (NHBS)

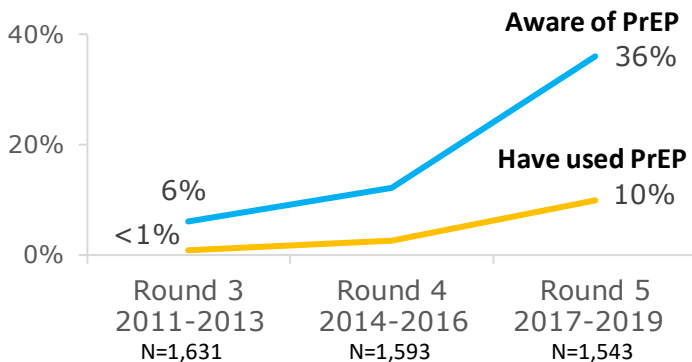


PrEP

Pre-exposure prophylaxis or PrEP is a medication that persons at risk for HIV can take to prevent HIV acquisition. PrEP can reduce the risk of acquiring HIV by around 99% from sex and by at least 75% from injection drug use.

Shortly after PrEP was approved by the FDA in 2012, the National HIV Behavioral Surveillance survey (NHBS) began asking persons at risk for HIV in the Detroit Metro Area if they had ever heard of or used PrEP.

PrEP Awareness and Use:
Detroit Metro Area NHBS, 2011-2019



Among NHBS participants in the Detroit Metro area, PrEP awareness increased from 6% in 2011 to 36% in 2019 and use of PrEP increased from <1% to 10%.



NHBS Survey

The NHBS survey is administered in rounds which include three year-long cycles, beginning with men who have sex with men (MSM), then with persons who inject drugs (IDU), and ending with high-risk heterosexuals (HET).

The NHBS is a CDC-funded HIV surveillance survey that focuses on populations at increased risk for HIV in metropolitan areas with high HIV prevalence rates in the United States. The metropolitan Detroit area (which includes Wayne, Oakland, and Macomb counties) is Michigan's NHBS region.

Information gathered from NHBS can help inform prevention initiatives, identify gaps in prevention services, and describe trends in high-risk populations.

NHBS Round 3

2011—MSM 2012—IDU 2013—HET

NHBS Round 4

2014—MSM 2015—IDU 2016—HET

NHBS Round 5

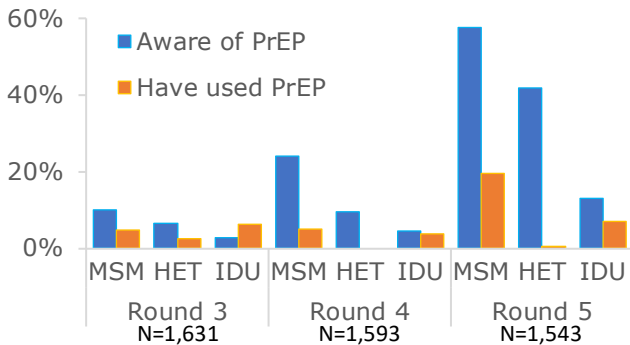
2017—MSM 2018—IDU 2019—HET

For additional HIV/STI Data Reports visit:
<https://www.Michigan.gov/HIVSTI>

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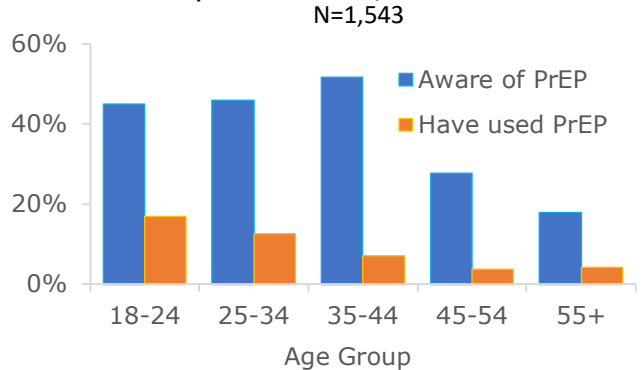
National HIV Behavioral Surveillance (NHBS)

PrEP Awareness and Use by NHBS Population: Rounds 3-5, 2011-2019



In each round, PrEP awareness and use was highest amongst MSM. PrEP awareness was lowest among IDU and PrEP use was lowest amongst HET.

PrEP Awareness and Use by Age Group: Round 5, 2017-2019



In the most recent round, PrEP awareness was highest in the 35-44 age group (52%). PrEP use was highest in the 18-24 age group (17%)



58% of MSM in 2017 were aware of PrEP
19% had taken PrEP



13% of IDU in 2018 were aware of PrEP
7% had taken PrEP



42% of HET in 2019 were aware of PrEP
<1% had taken PrEP



67%

of new HIV diagnoses in Round 5 (2017-2019) were African American*, but only



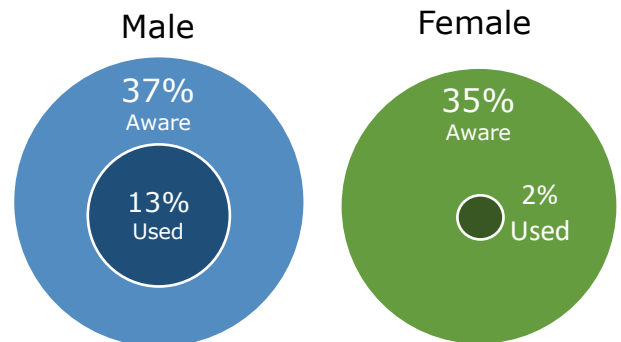
49%

of those who had taken PrEP in that round were African American**

*Data taken from MDHHS HIV Diagnosis Trends Tables (2017-2019)

**Data taken from NHBS round 5 surveys

PrEP Awareness and Use by Gender: Round 5, 2017-2019***



PrEP awareness between high-risk male and female participants was similar, but usage was higher in males than females.

***Transgender participants not included due to small sample size (n<5)