

METHAMPHETAMINE USE AND HIV AMONG MEN WHO HAVE SEX WITH MEN IN SEATTLE, WASHINGTON

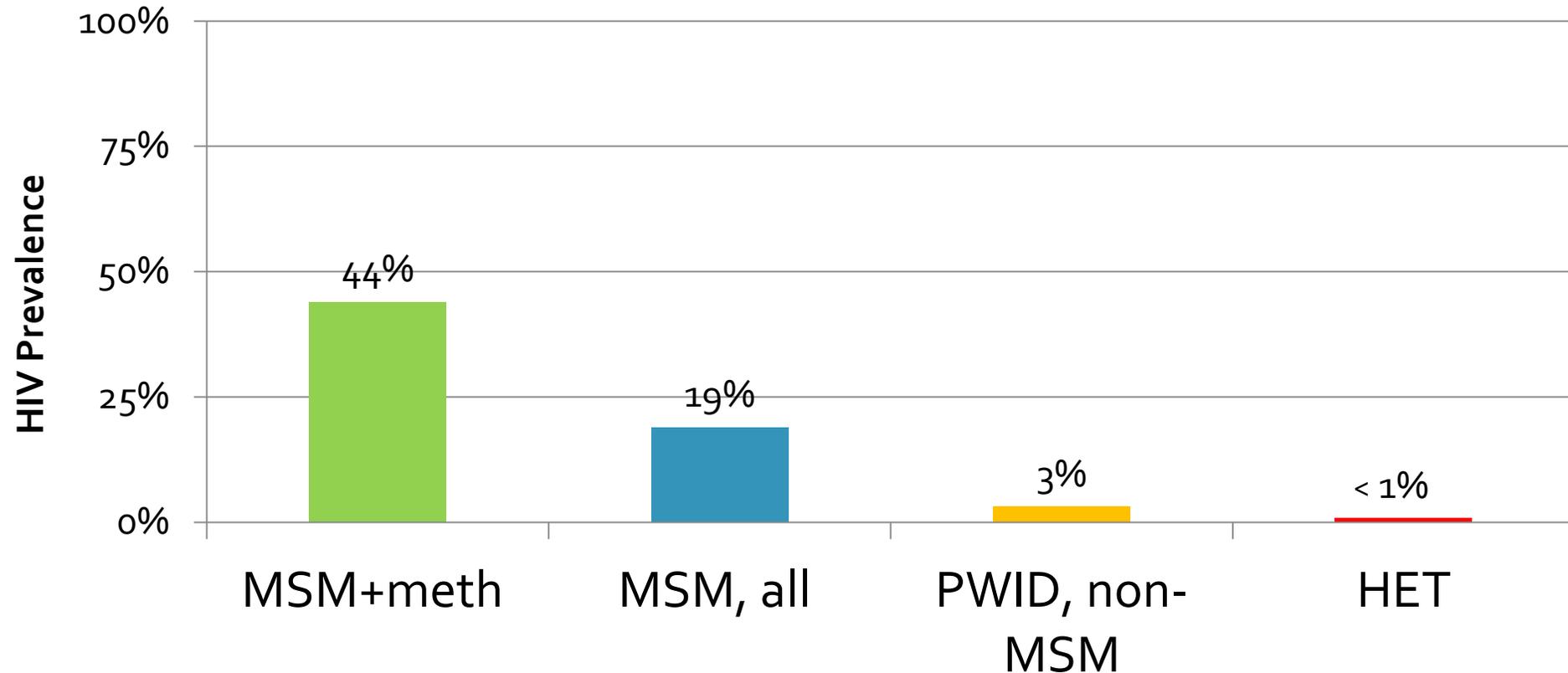
Sara Glick, PhD, MPH (she/her)

University of Washington
Public Health – Seattle & King County

ADA1 Methamphetamine Summit – Panel Discussion – June 28, 2019

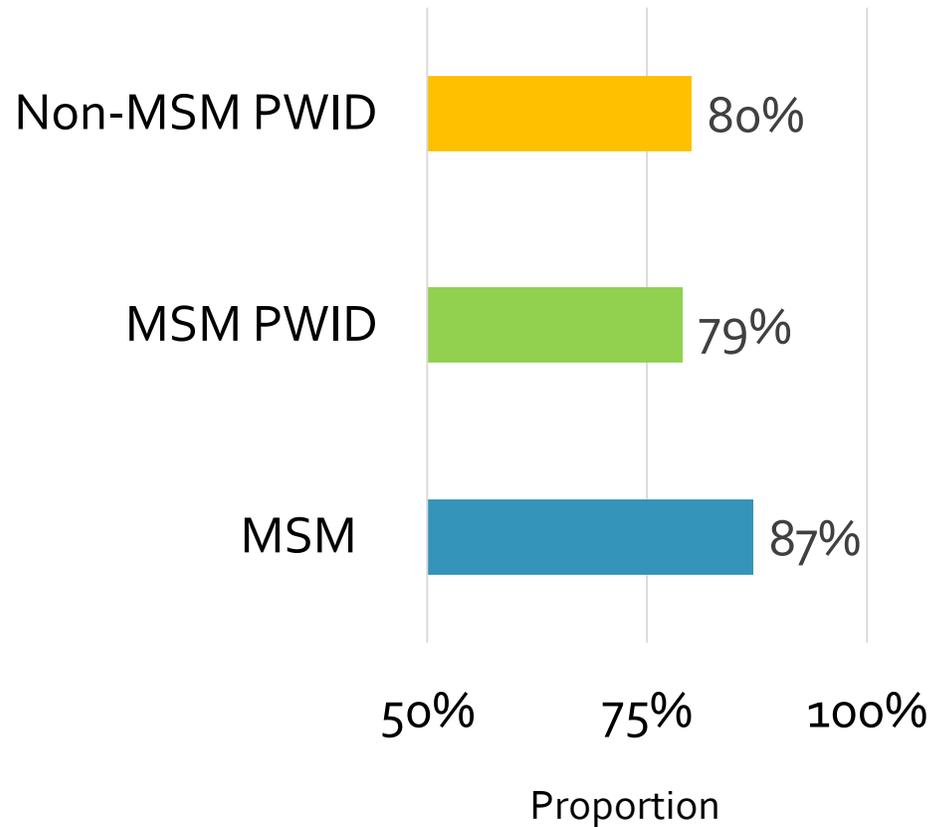
High HIV Prevalence among MSM Who Use Meth

National HIV Behavioral Surveillance (NHBS)
Seattle area, 2013-2018

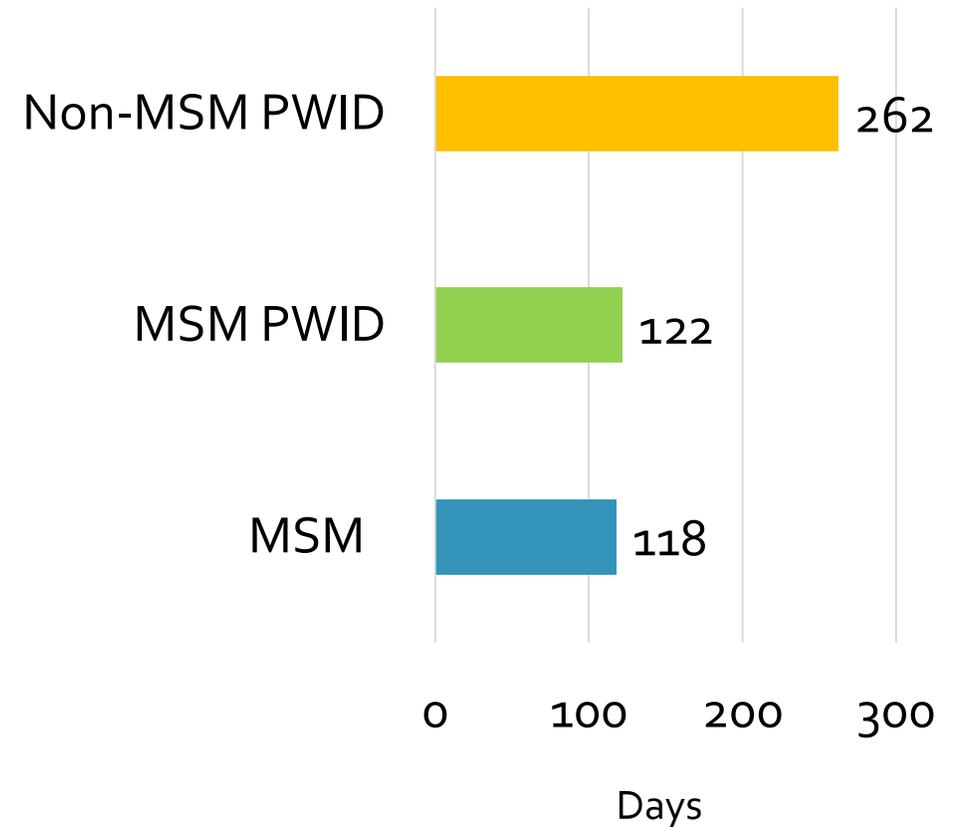


HIV Viral Suppression among MSM and PWID

HIV Viral Suppression, 2017

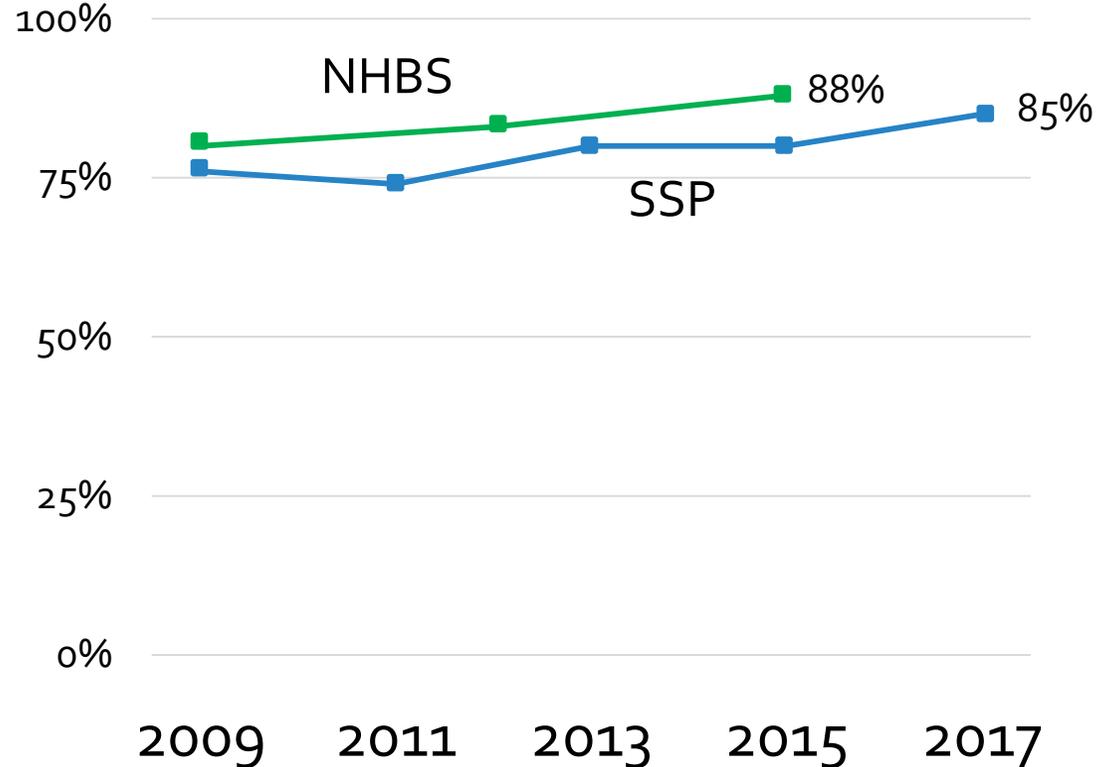


Mean Days to HIV Viral Suppression, 2013-2016

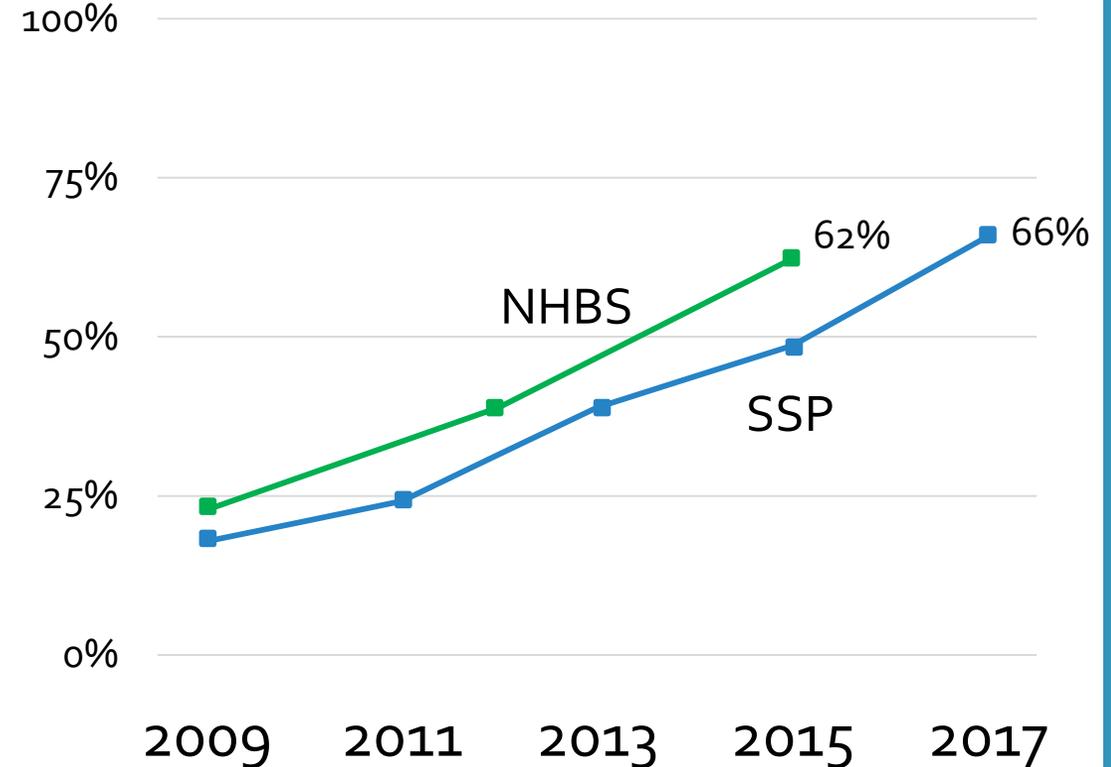


Methamphetamine Use Trends, PWID in King County

Any Recent Meth Use, MSM PWID

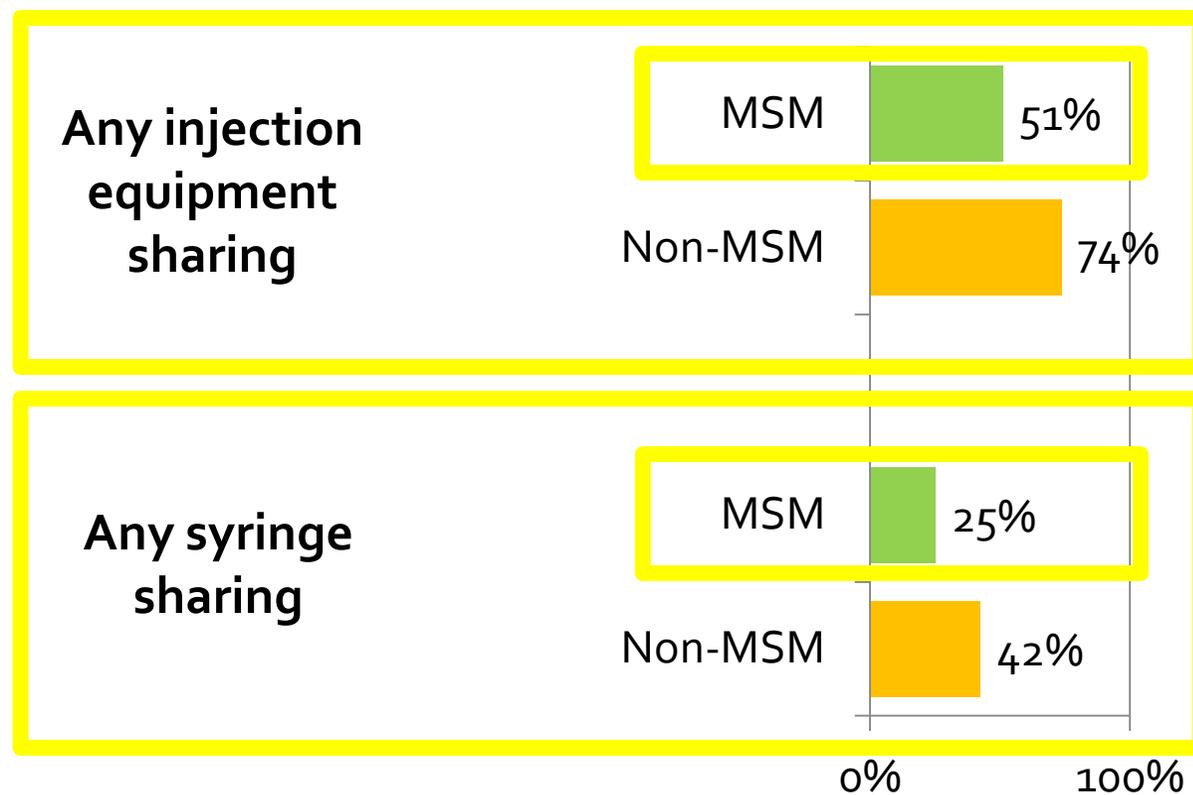


Any Recent Meth Use, Non-MSM PWID

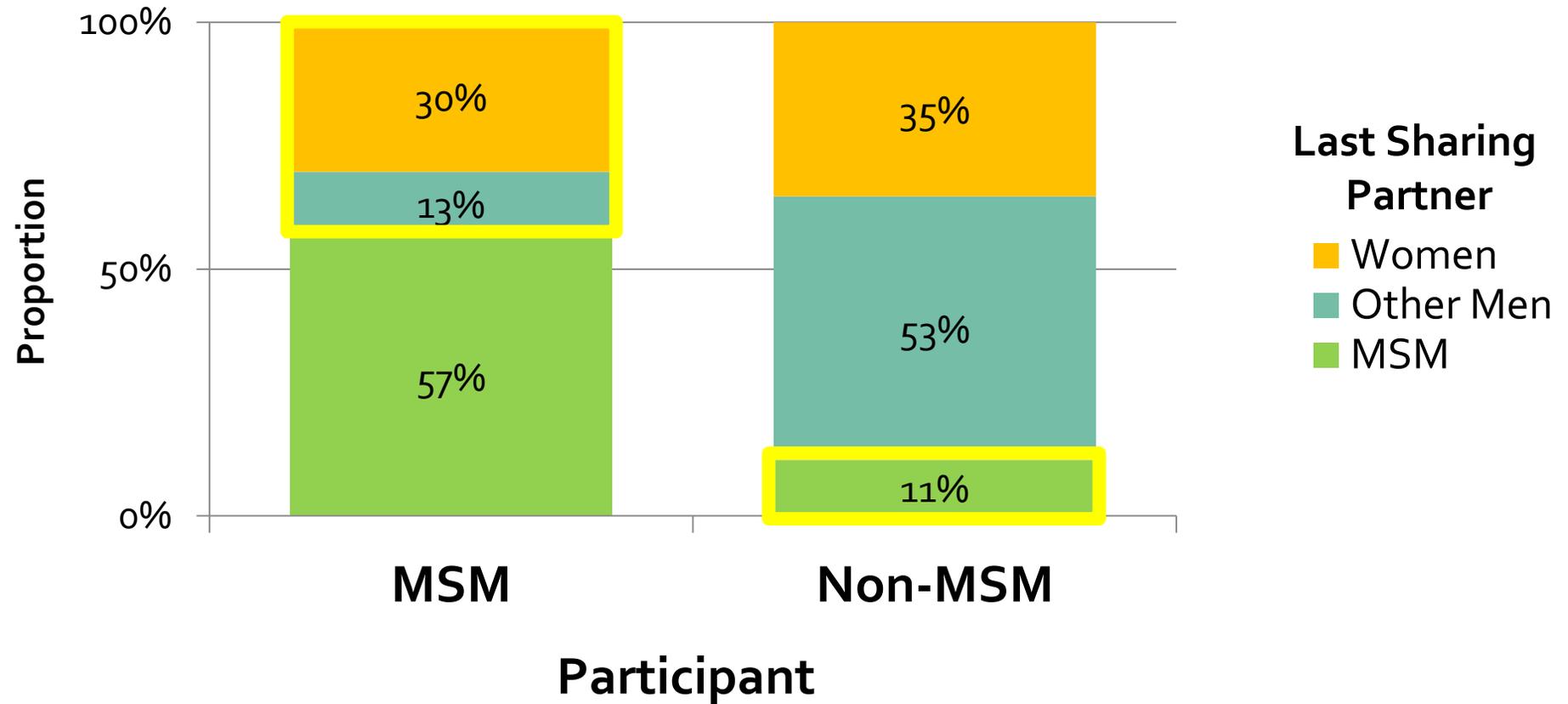


Injection Equipment Sharing, PWID who Inject Meth

NHBS-IDU (2009-15)
Sharing in Past Year



Evidence of Equipment Sharing between MSM and Non-MSM Who Inject Meth



PUBLIC HEALTH INSIDER

OFFICIAL INSIGHTS FROM PUBLIC HEALTH – SEATTLE & KING COUNTY STAFF



A NEW POPULATION MAY BE AT RISK FOR HIV. HERE'S WHY.

 Hilary N. Karasz

Public health focuses HIV prevention activities to those at highest risk. In King County, that has meant decades of intensive work to reduce transmission of HIV among men who have sex with men (MSM), the group most impacted by HIV locally. As a result of that targeted strategy, the number of new cases of HIV has been declining since the late 1990's. Earlier this year, **King County became among the first in the country** to reach a very important global milestone in HIV prevention.



Courtesy Medline Plus

But new research led by one of our own Public Health epidemiologists has exposed the potential for HIV to expand among people other than MSM, specifically, to non-MSM who inject drugs such as methamphetamine. What's behind this emerging risk and what does this mean for our prevention efforts? I spoke with Dr. Sara Glick, PhD, the lead investigator of this new study, to unpack the connection between meth use and HIV and understand how the study findings could inform future HIV prevention work.

First, to help understand your study, it focused on learning more about meth use locally. Why is that important for HIV prevention?

We know that meth is a strong and highly addictive stimulant that affects the central nervous system and has been linked to risky sexual behavior. Our estimate is that about 11% of MSM in King County are HIV-positive but for MSM who inject methamphetamine, we estimate that the percentage jumps up to 40-45%. To address this, programs like our needle exchange have been working with MSM to provide access to both substance use and HIV treatment, as well as clean needles to reduce HIV transmission. Knowing who is at risk



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Health officials, worried about outbreak, investigate HIV cluster in North Seattle

Originally published August 30, 2018 at 1:09 pm | Updated August 30, 2018 at 7:36 pm



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HIV outbreak among homeless people worries health officials



by Ashley Archibald | October 24th, 2018



SOUND STORIES. SOUND VOICES.

9 cases of HIV on Seattle's Aurora Avenue prompt urgent response



KING COUNTY

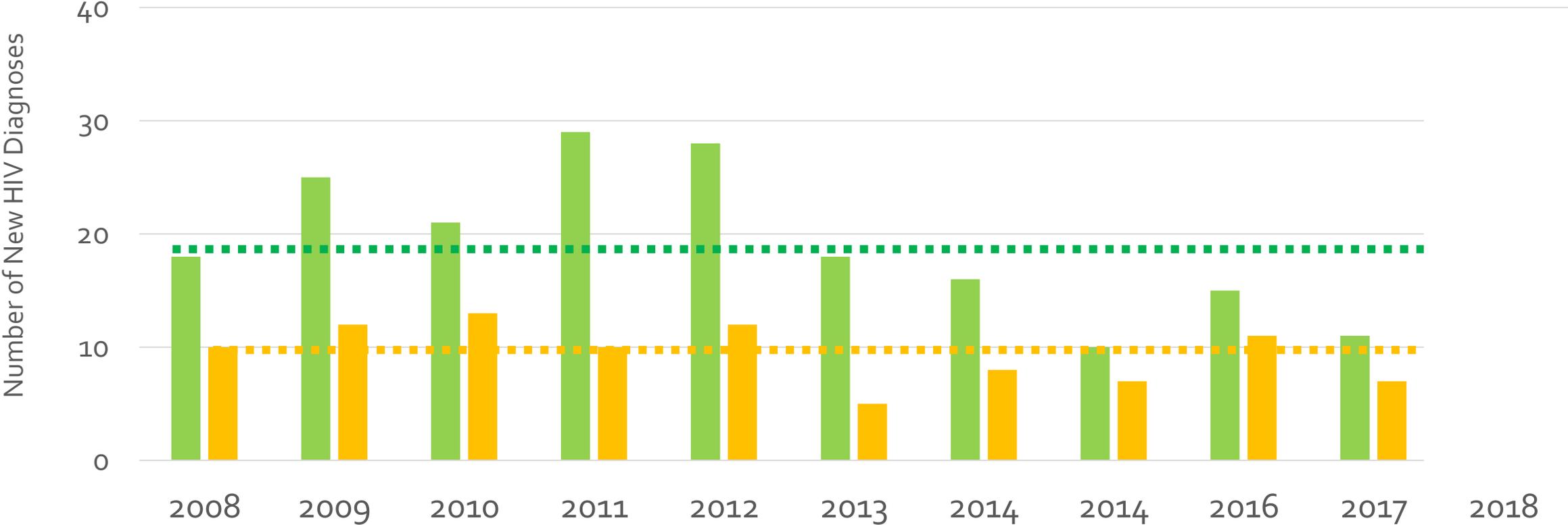
Officials Warn of More HIV Transmissions Among Homeless Drug Users

By Josh Kelety

Friday, August 31, 2018 2:24pm | NEWS & COMMENT

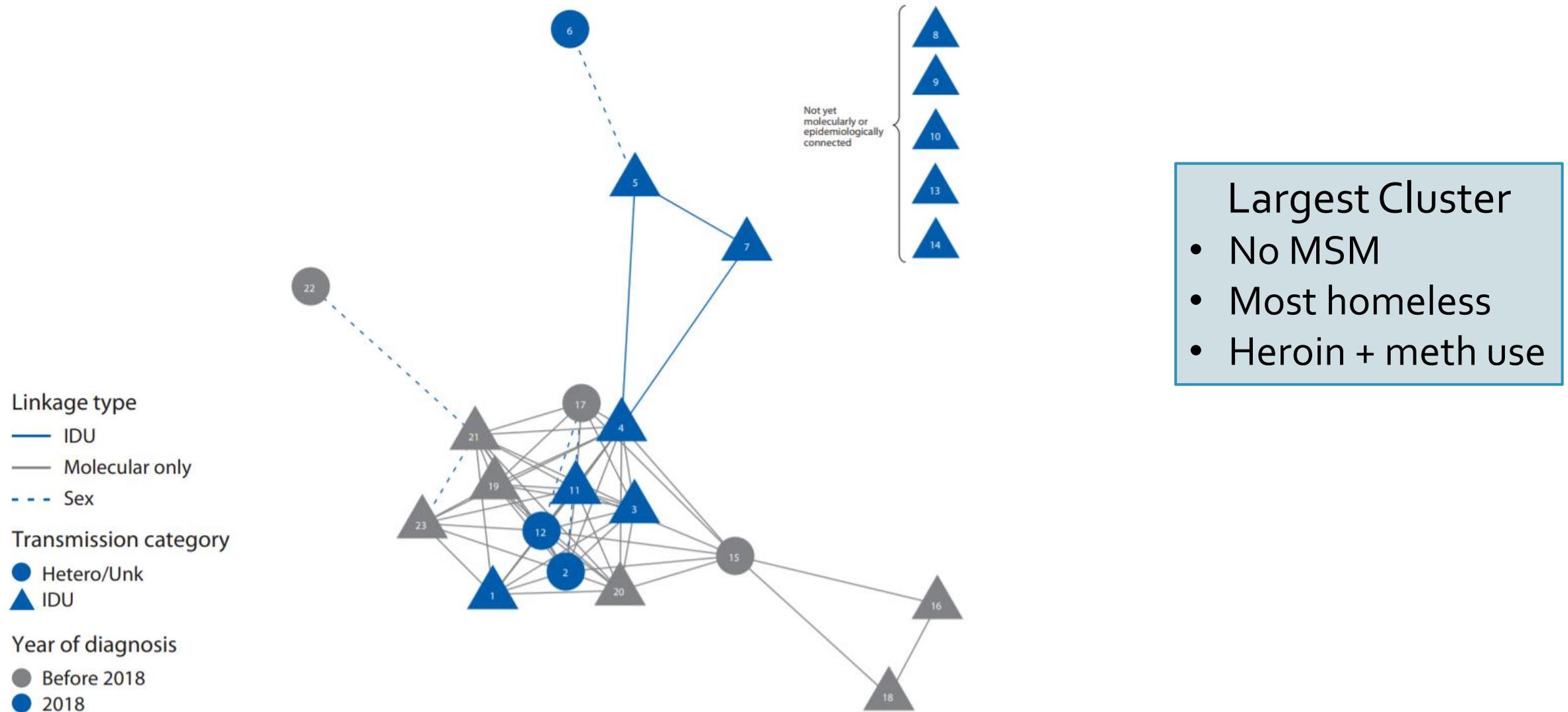
New HIV Diagnoses, King County PWID, 2008-18

MSM-PWID Other PWID



Note: HIV surveillance data through 1-3-19, courtesy of Susan Buskin

2018 HIV Cluster among PWID, Meth Use, and MSM



Conclusions

- MSM who use meth remain at high risk for HIV in King County, WA
- Non-MSM PWID living homeless experienced an HIV outbreak in 2018
 - Limited evidence of a bridge between MSM who use meth and new cases
 - Similar patterns are emerging in other urban areas
- HIV cases among PWID increased despite:
 - Robust syringe services programs
 - High rates of viral suppression among MSM and PWID
- Highlights the ongoing need for:
 - Housing and economic opportunities for PWID
 - Comprehensive (including geographically) SSPs
 - Flexible approaches to HIV care for PWID to maintain viral suppression
 - PrEP outreach to MSM who use meth and other PWID at increased risk

Acknowledgments



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THANK YOU!

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