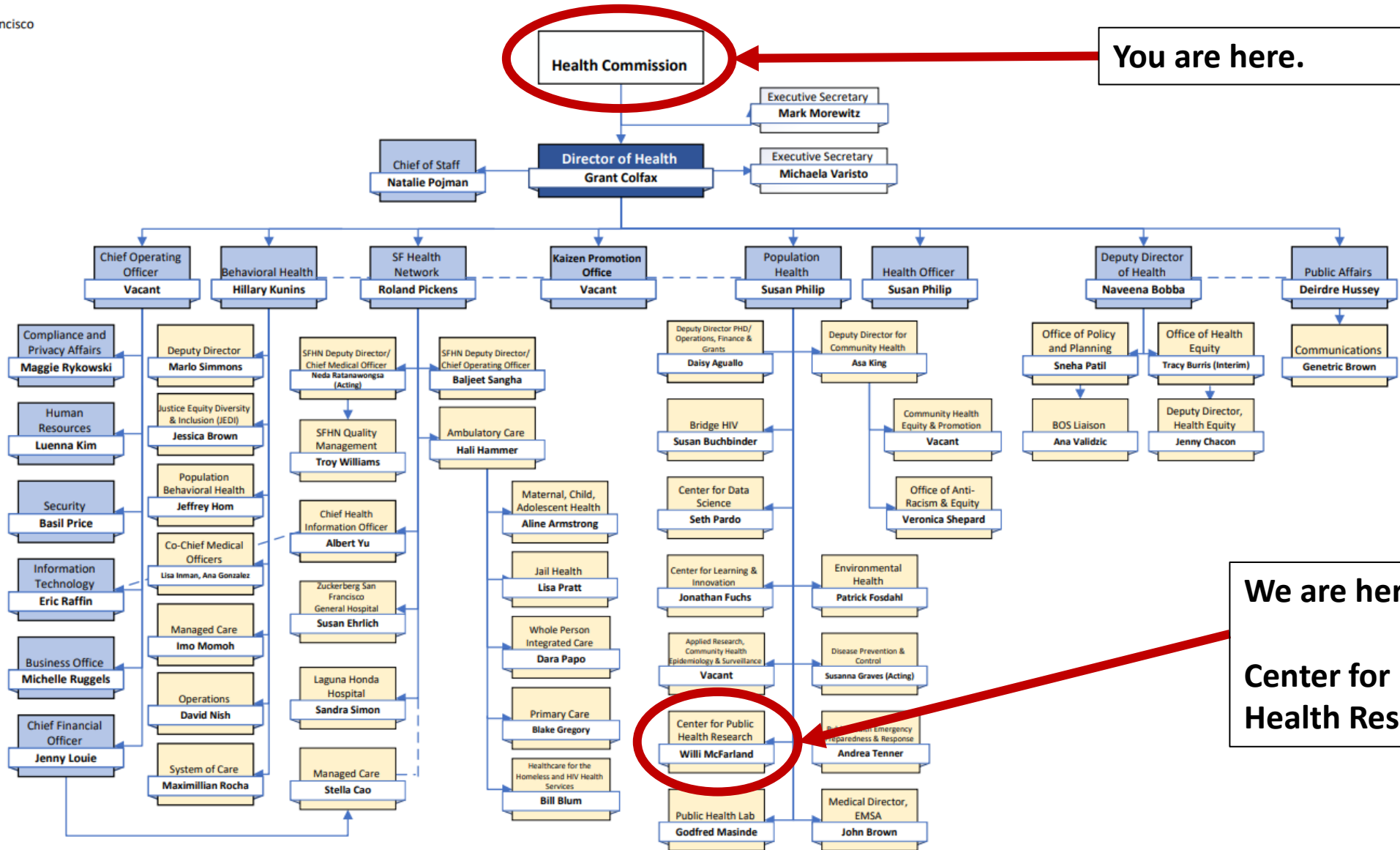




City and County of San Francisco
London N. Breed
Mayor

San Francisco Department of Public Health
Grant Colfax
Director of Health





NATIONAL HIV BEHAVIORAL SURVEILLANCE (NHBS)

MEN WHO HAVE SEX WITH MEN (MSM) SAN FRANCISCO, 2023

PRELIMINARY RESULTS

Willi McFarland, MD, PhD

4/16/24



The views expressed herein do not necessarily reflect the official policies of the City and County of San Francisco; nor does mention of the San Francisco Department of Public Health imply its endorsement.



POPULATION HEALTH DIVISION
SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH

National HIV Behavioral Surveillance (NHBS)

- **Objectives**

- Track HIV prevalence
- Use of prevention and care programs
- Emerging local health issues

- **Populations**

- **Men who have sex with men (MSM) completed in 2023**
- Trans women, now 2023-2024
- People who inject drugs, later in 2024
- High risk heterosexuals, next year 2025

- **Methods**

- Respondent-driven sampling: peer-referral (PWID, TGW, Het)
- **Time-location sampling: venue-based (MSM)**



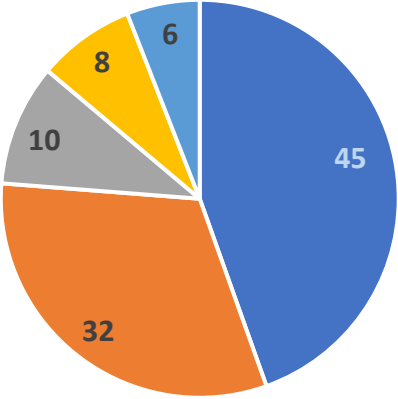
Time-Location Sampling

- Identify venues where MSM congregate (physical and online)
- Randomly select venue-day-time periods to do outreach recruitment
- We enrolled 545 MSM (of est. 65,000 MSM in San Francisco)
 - 18+ years old
 - San Francisco county resident
 - Assigned male sex at birth AND identify as man or non-binary
 - Assigned female or intersex at birth AND identify as man
 - Ever had sex with men
 - English- or Spanish- speaking
 - Able to consent



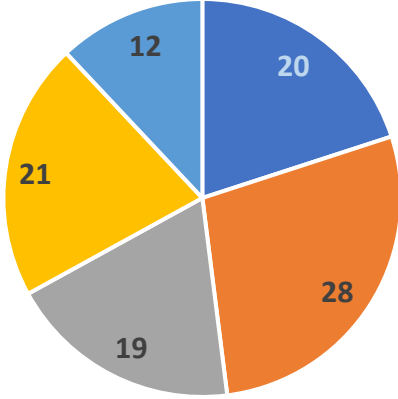
Demographics, NHBS MSM 2023

Race/ethnicity



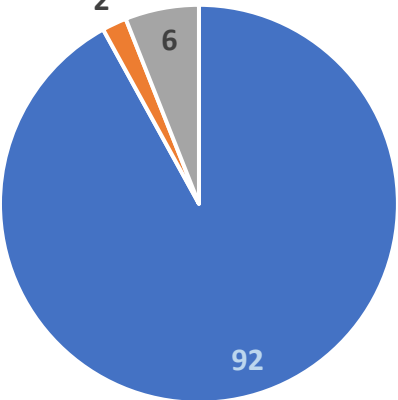
■ White ■ Latinx ■ API ■ Black/AA ■ Other

Age



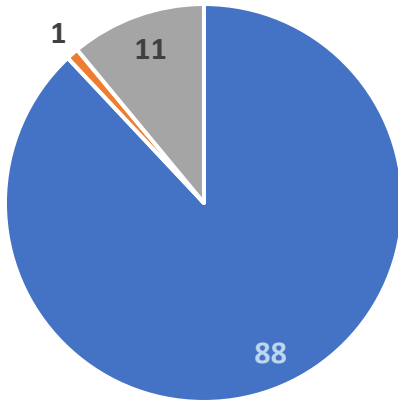
■ 18-29 ■ 30s ■ 40s ■ 50s ■ 60+

Gender



■ Cis male ■ Trans man ■ Non-binary

Sexual orientation

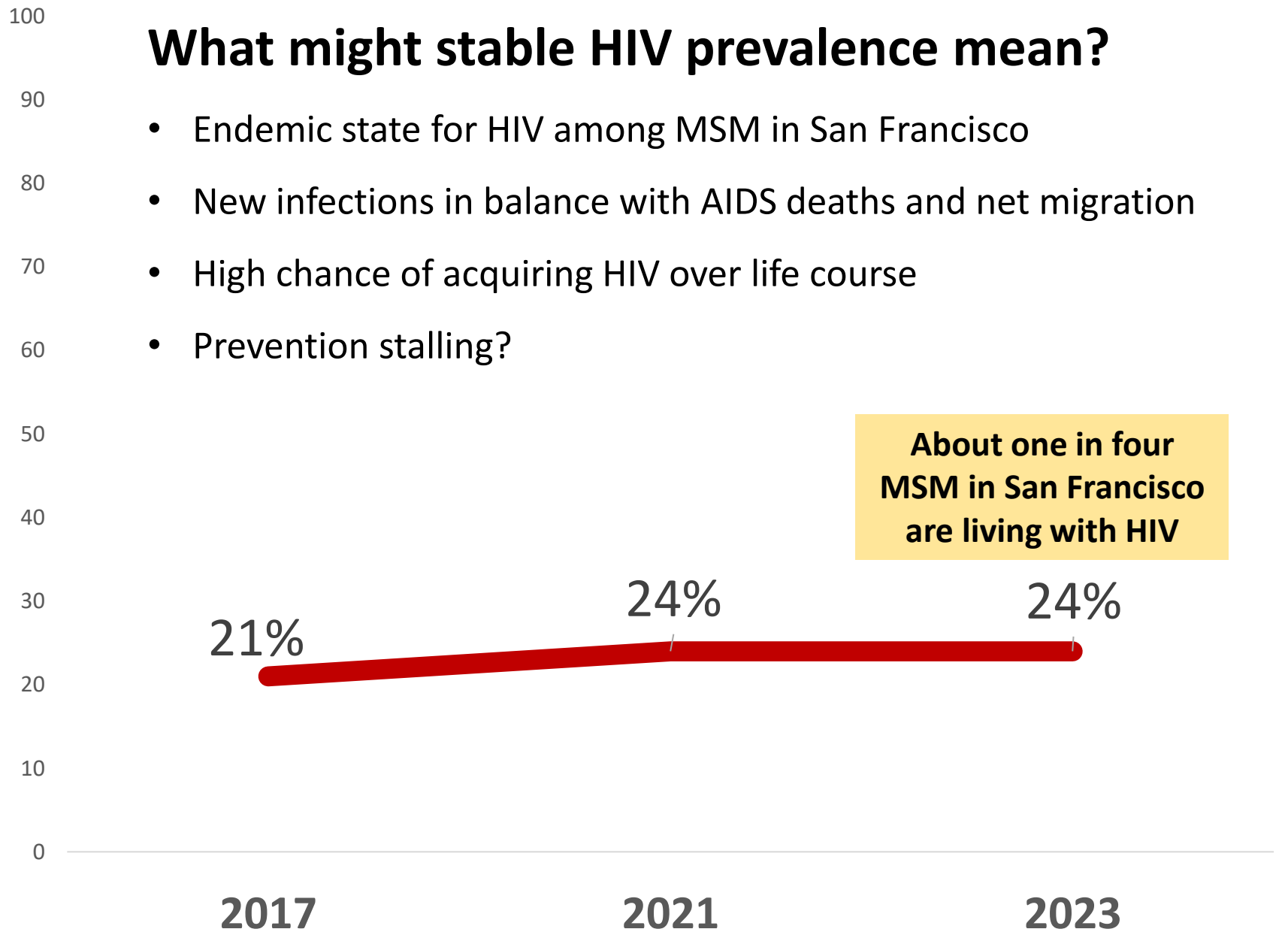


■ Gay ■ Straight ■ Bisexual

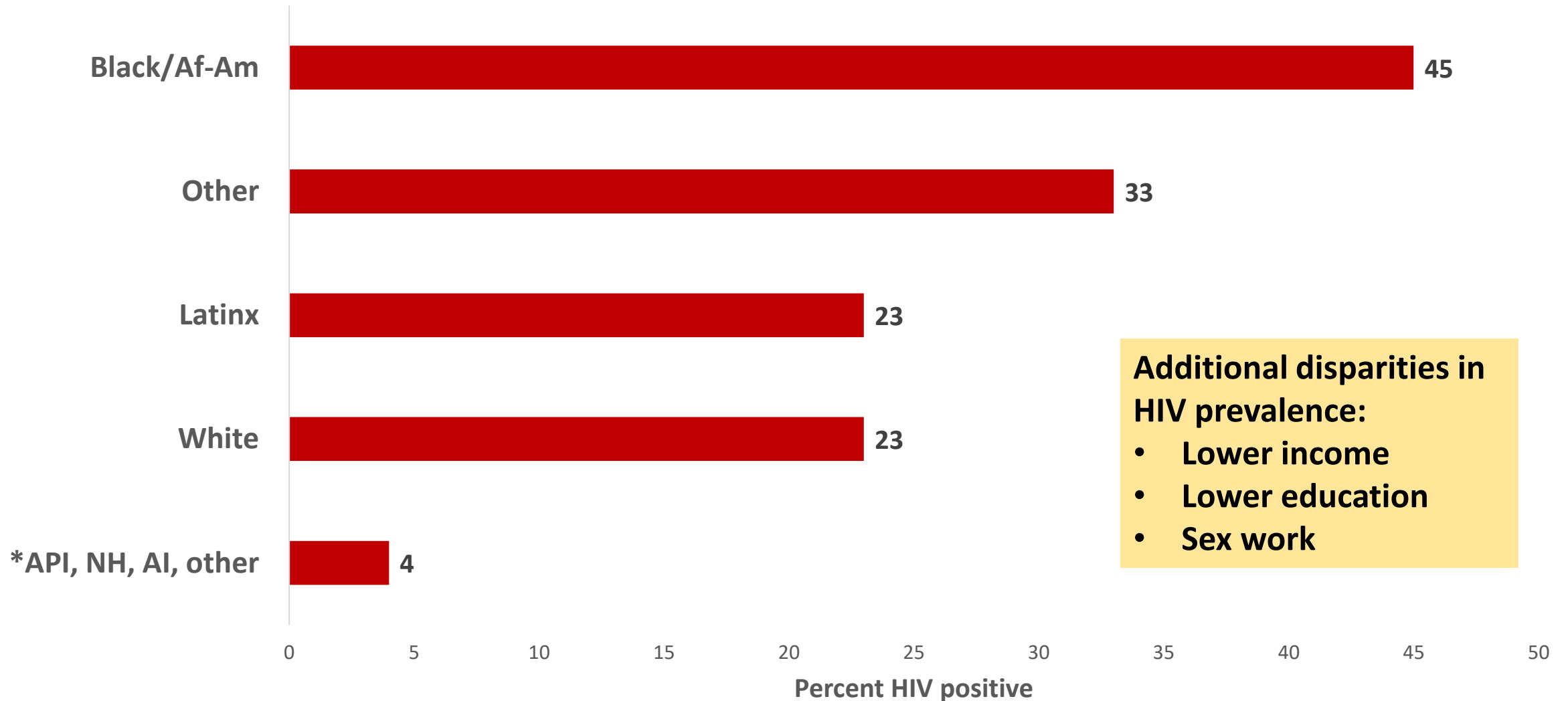
HIV prevalence

What might stable HIV prevalence mean?

- Endemic state for HIV among MSM in San Francisco
- New infections in balance with AIDS deaths and net migration
- High chance of acquiring HIV over life course
- Prevention stalling?

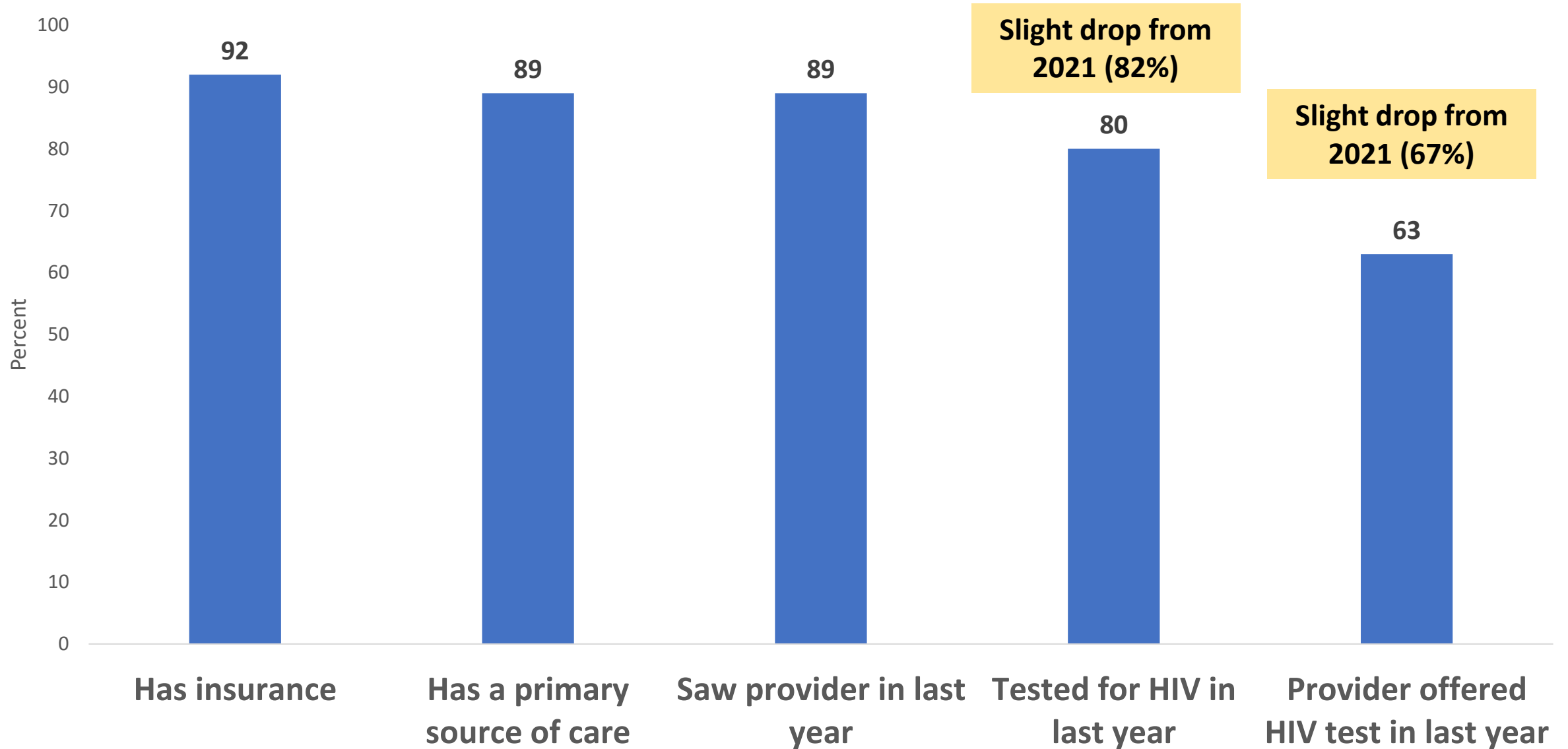


Disparities: HIV prevalence by race/ethnicity, NHBS MSM 2023



*API, NH, AI, other: Asian, Pacific Islander, Native Hawaiian, American Indian, other (including mixed), not shown separately due to small sample sizes.

Access to health care and HIV testing, NHBS MSM 2023



Engagement in HIV care (cascade), NHBS MSM 2021 vs 2023



Fast-Track Targets

by 2020

90-90-90

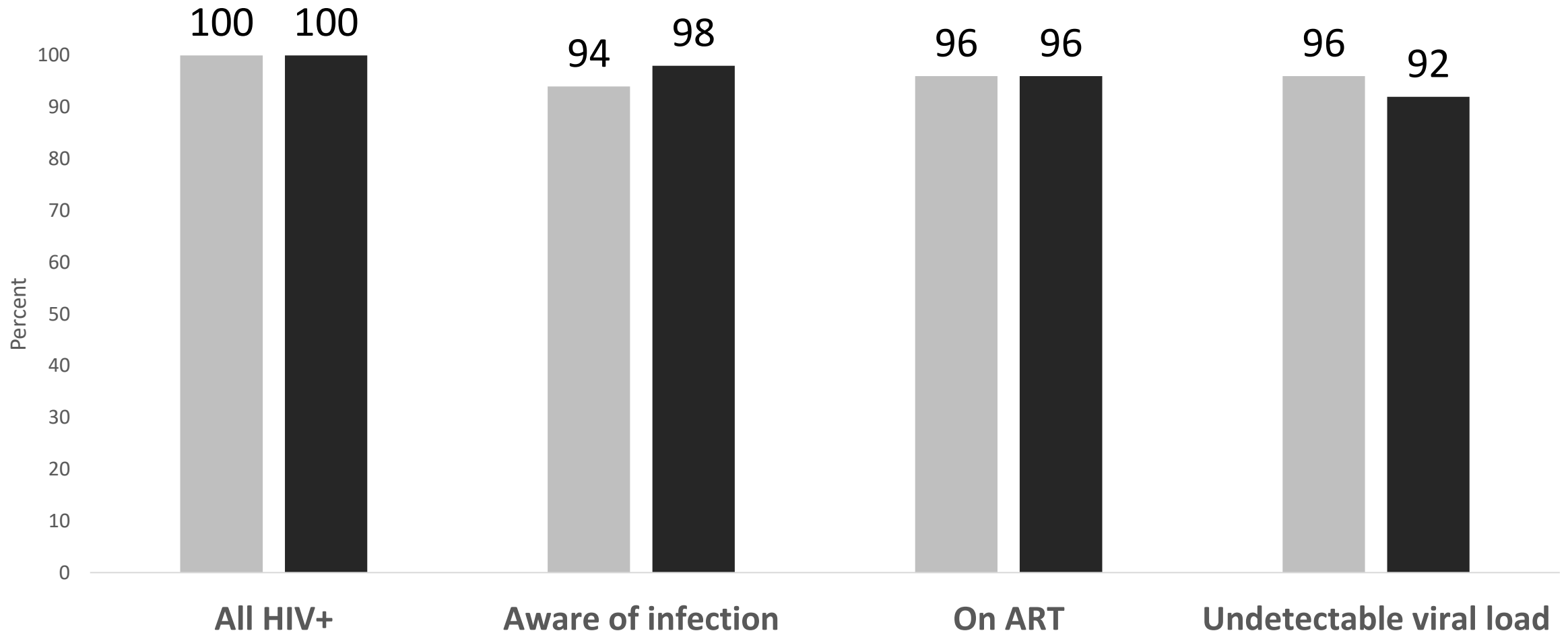
Treatment

by 2030

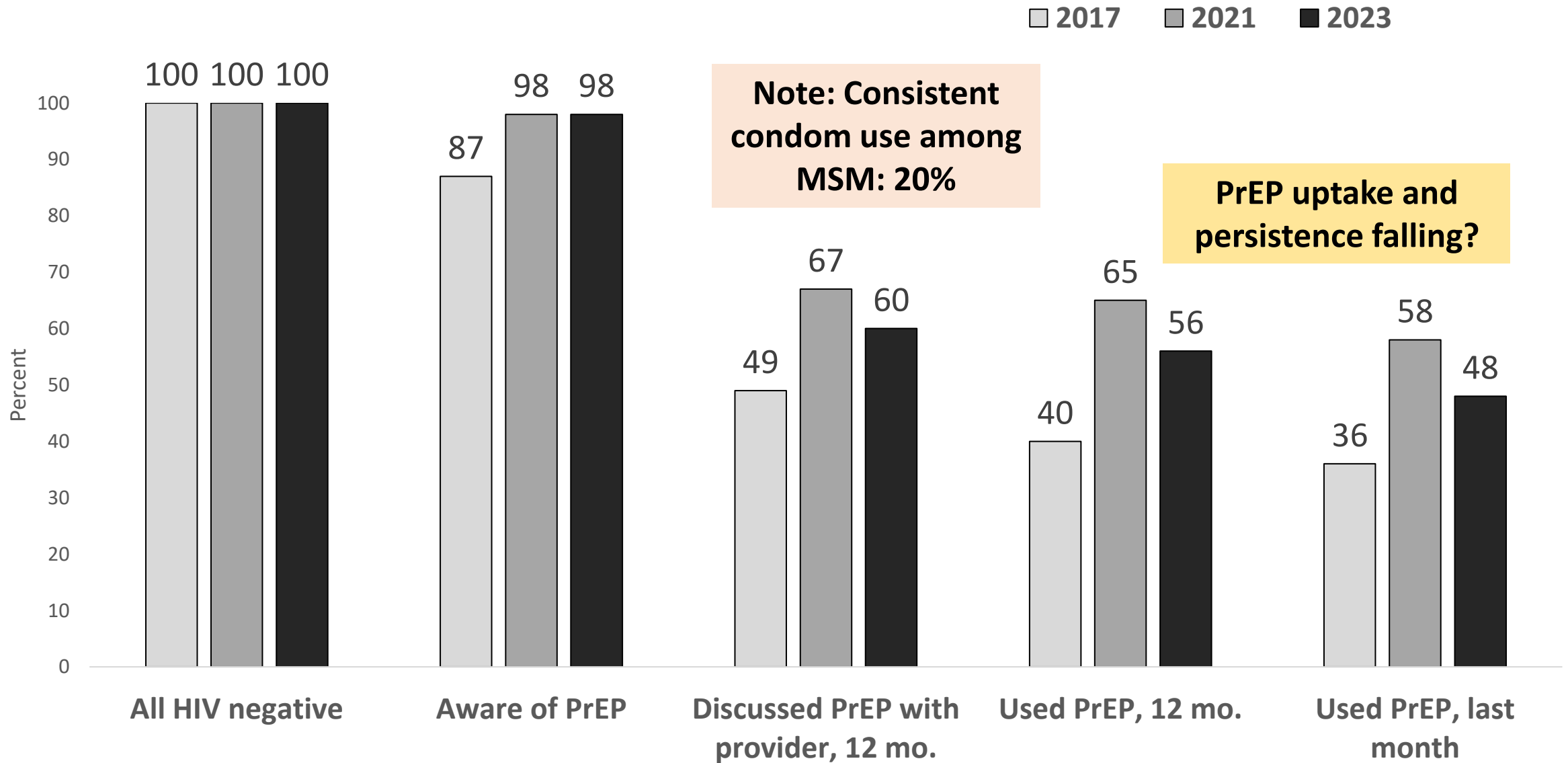
95-95-95

Treatment

■ 2021 ■ 2023



Engagement with PrEP, NHBS MSM 2017-2023



Disparity: Engagement with PrEP by race/ethnicity, NHBS MSM 2021 vs 2023

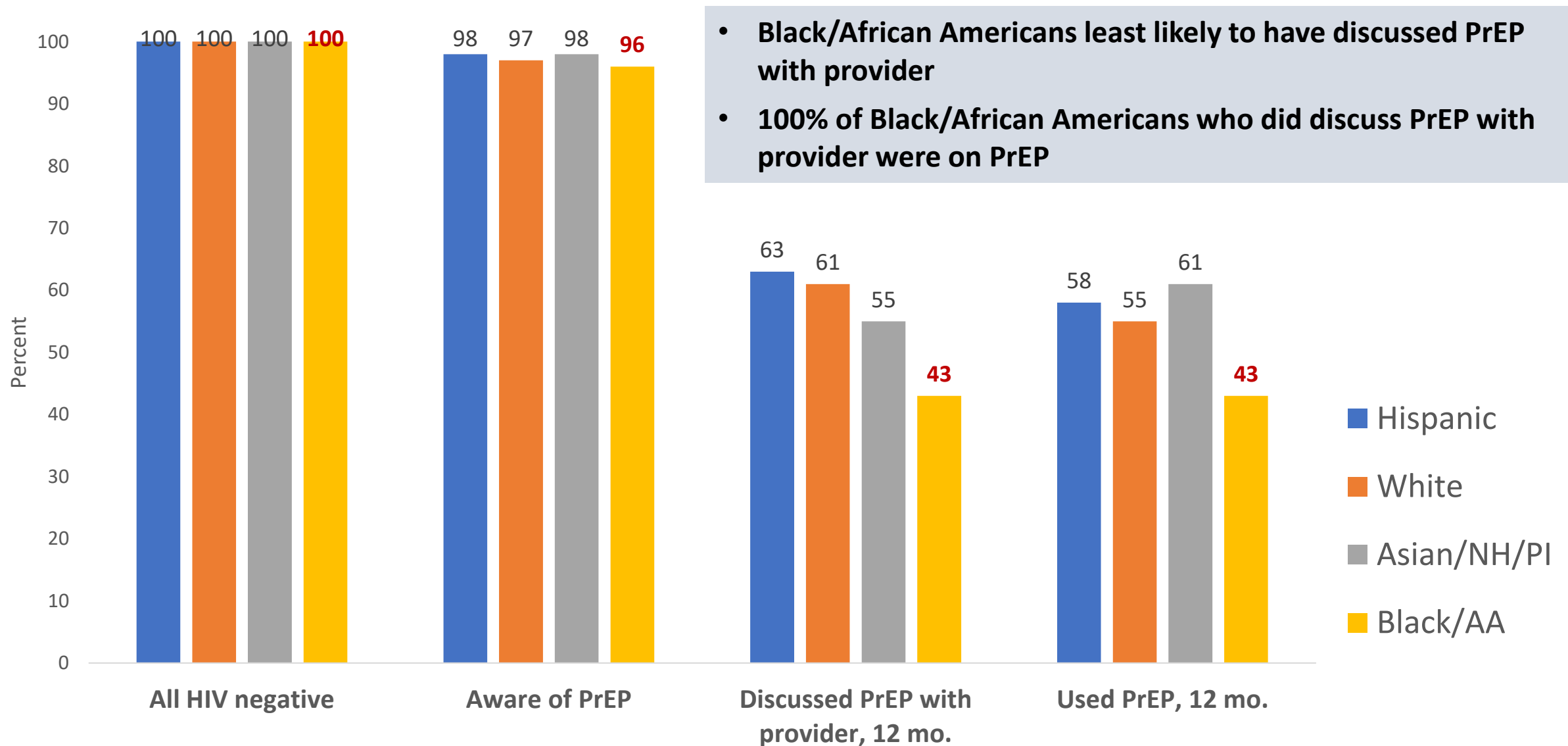
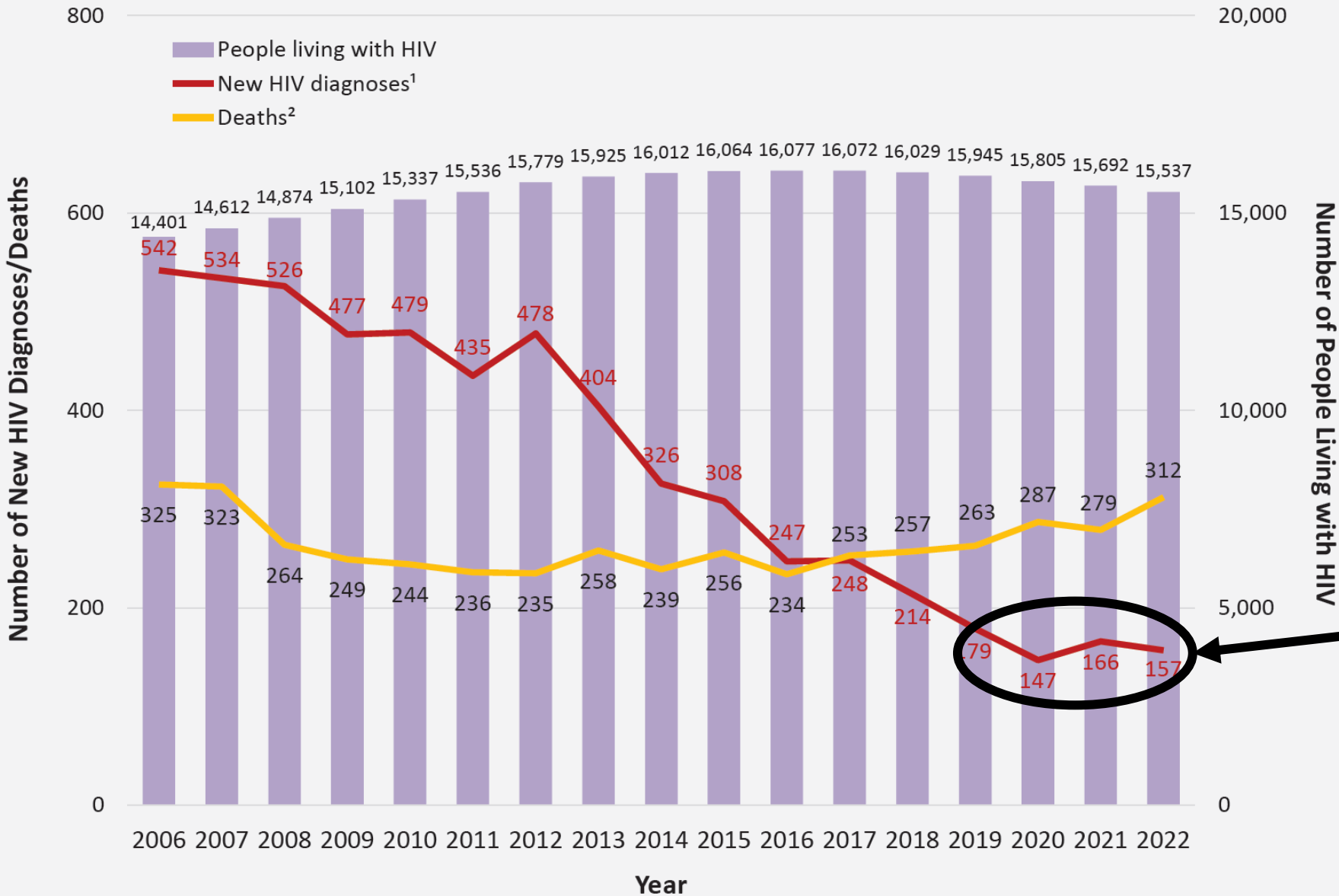


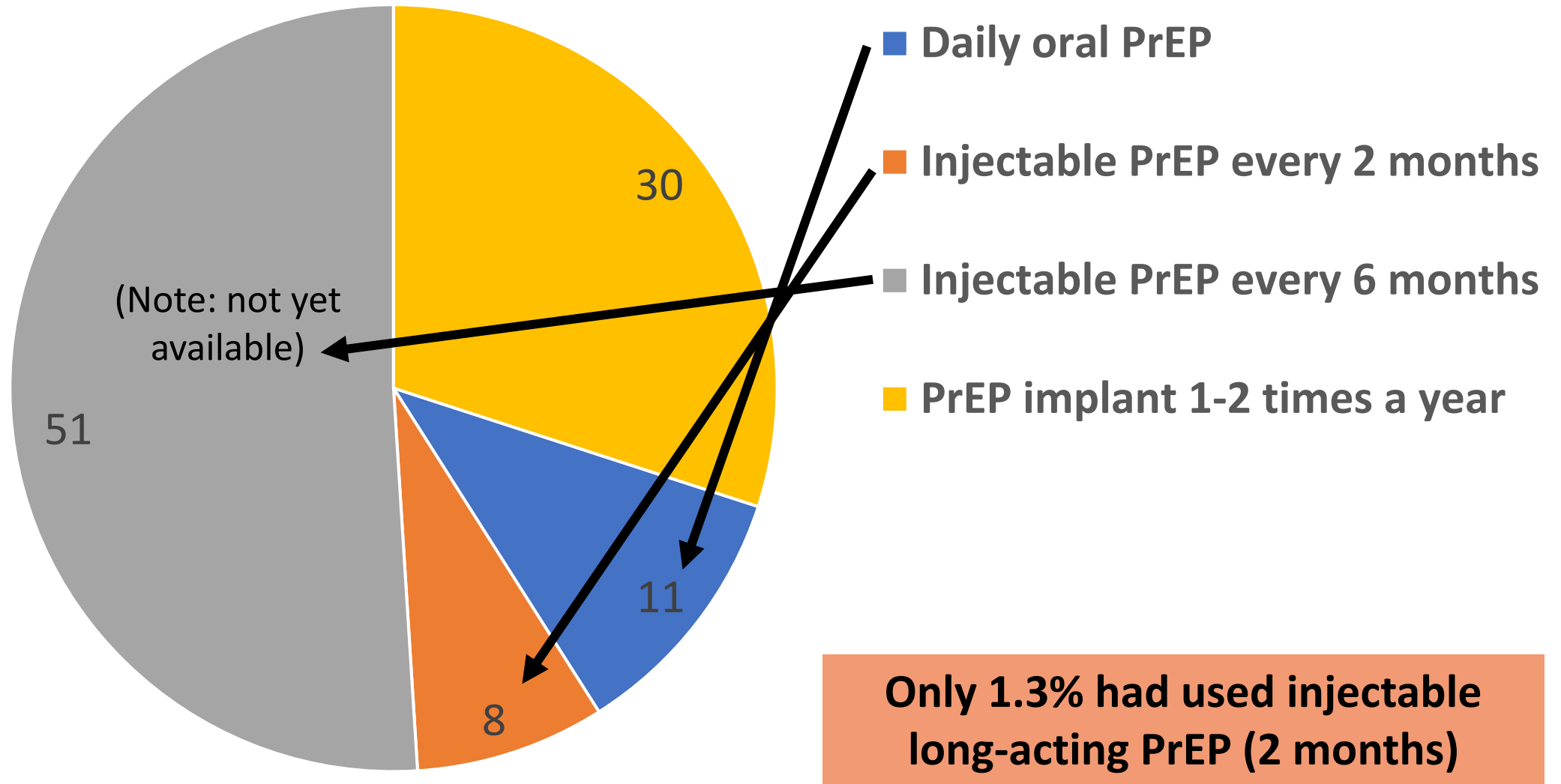
Figure 1.2 HIV diagnoses, deaths, and prevalence, 2006-2022, San Francisco

From ARCHES
branch: Annual
Report 2023

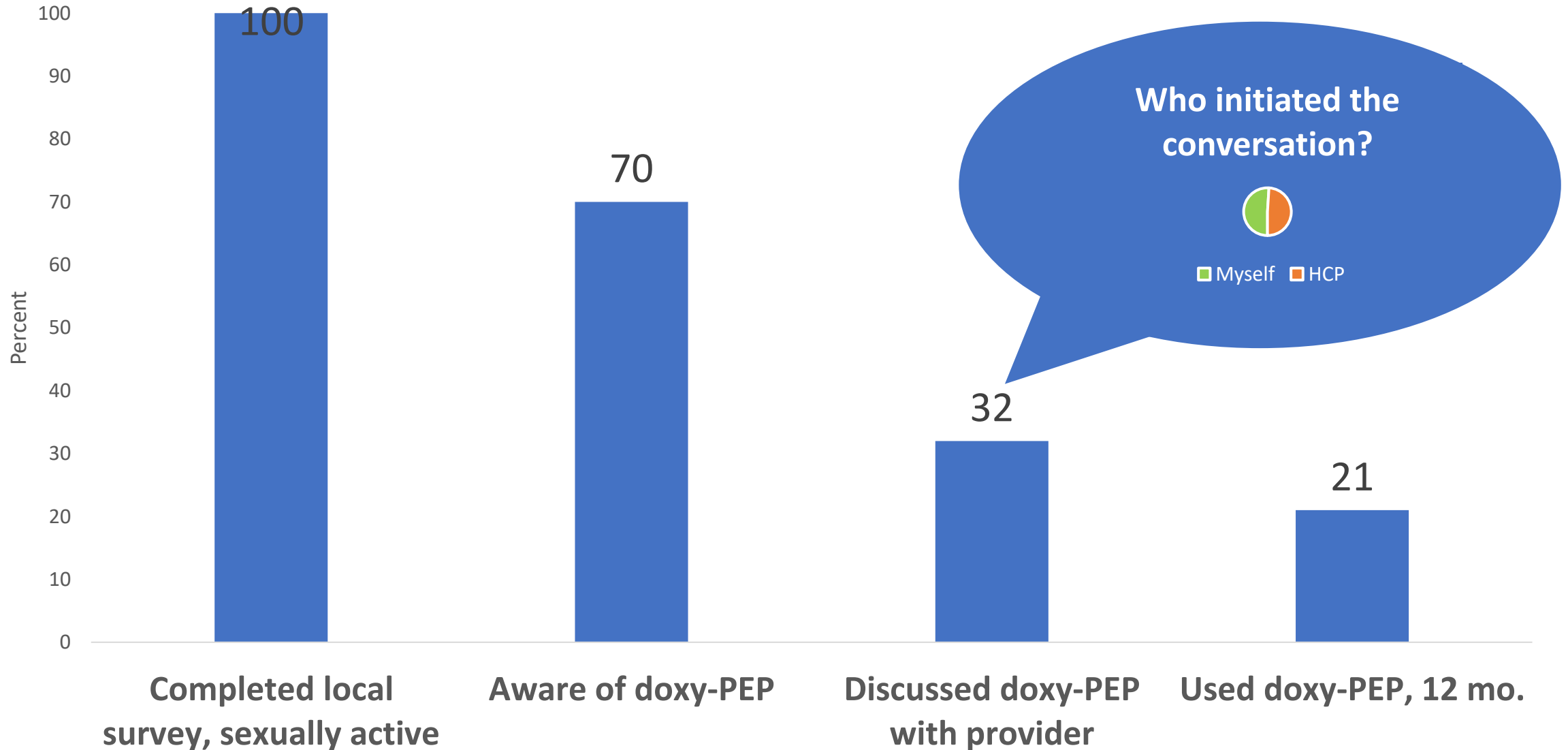


Are we entering an era of diminishing returns on prevention?

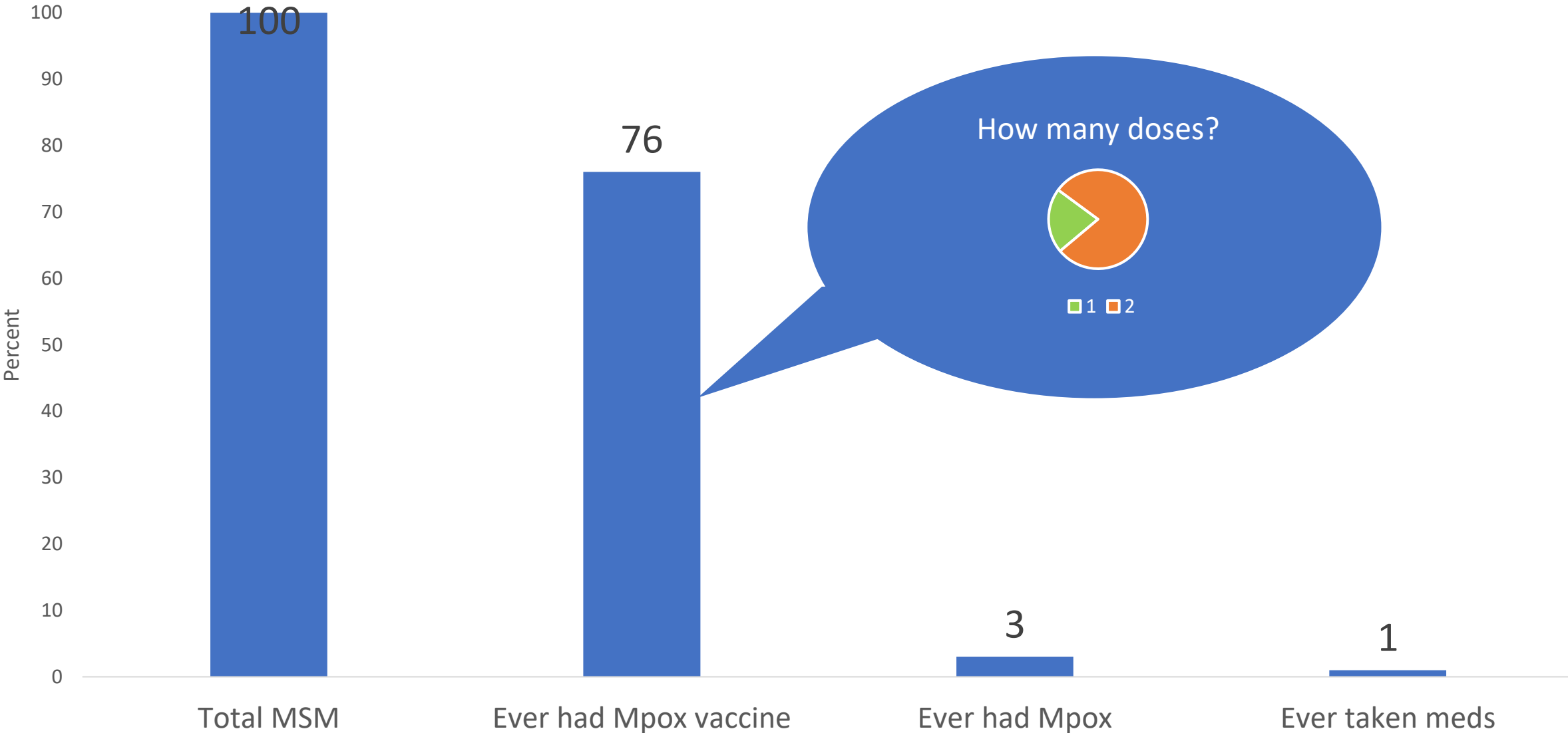
Local issue #1: PrEP delivery preferences, MSM 2023



Local issue #2: Doxy-PEP roll-out, MSM 2023



Local issue #:3 Mpox vaccination roll-out, MSM 2023



Summary:

MSM 2023 HIV epidemic snapshot from NHBS

Bad News

- **HIV prevention may be stalling**
 - Stable prevalence belies ongoing transmission
 - PrEP use decreasing
- **Racial disparities persist**
 - Black/AA and HIV burden
 - Black/AA and PrEP use
 - Latinx rising concern

Good News

- **Doxy-PEP and Mpox roll-out shows new tools can be rapidly deployed for MSM health**
- **San Francisco's HIV care and prevention remains one of the most successful in the world**



THANK YOU!

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