

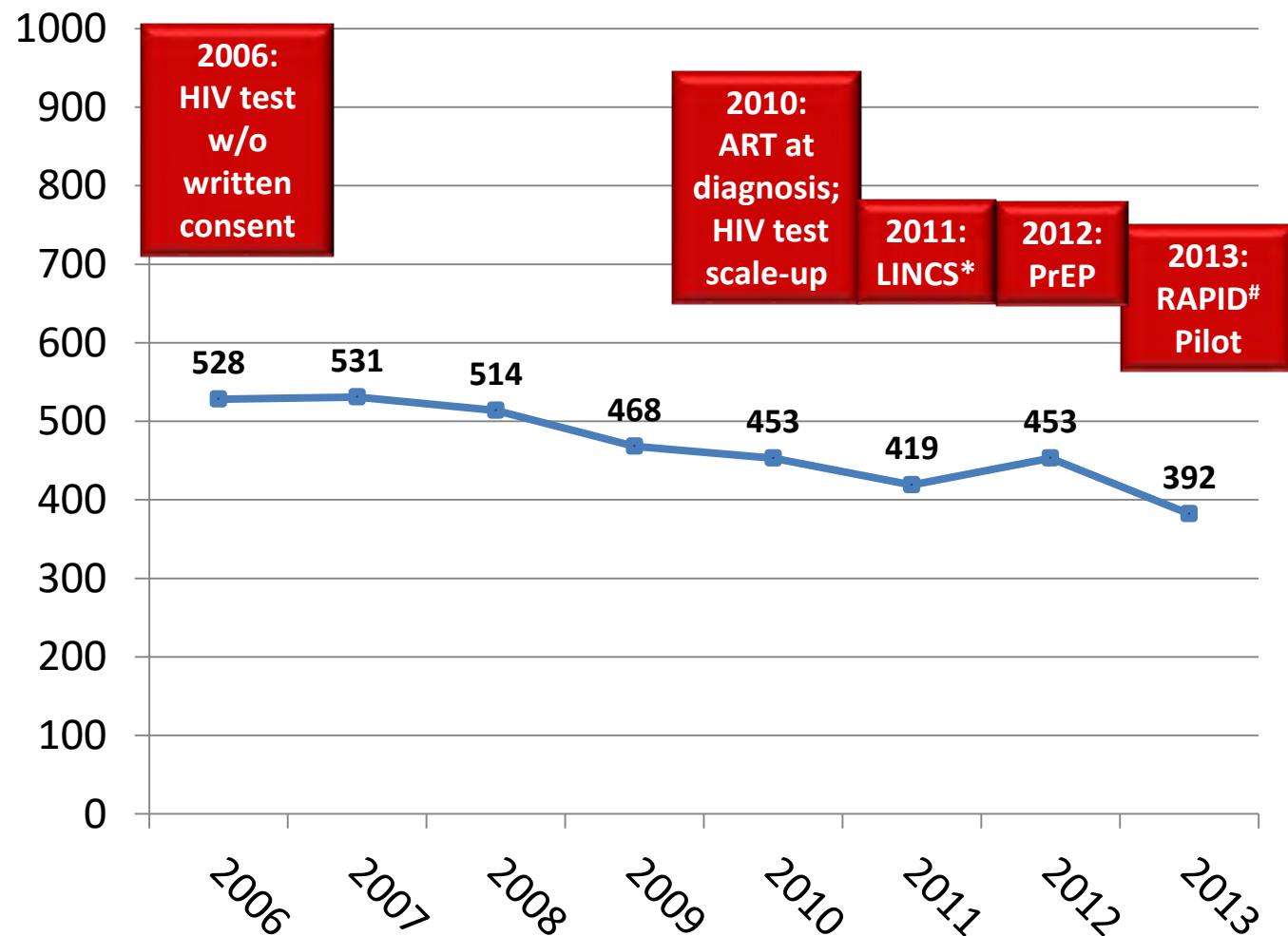
Getting to Zero New Diagnoses in San Francisco: The Potential Role of PrEP

Susan Buchbinder, Stephanie Cohen, Jen Hecht, Hannah Brosnan, Ling Hsu,
Robert Kohn, Henry F. Raymond, Albert Y. Liu, Hyman Scott, Oliver Bacon,
Tracey Packer, Susan Philip, Diane Havlir, Susan Scheer



Decline in New HIV Diagnoses Pre-date “Getting to Zero”

San Francisco



*LINCS: Linkage and navigation services for PLWH

#RAPID: Same-day ART and wrap-around services

How Getting to Zero SF Began....

World AIDS Day Forum

Monday, December 2, 2013

Getting to Zero in San Francisco: How Close Are We?

6:30–8:30 PM

Rainbow Room, LGBT Community Center

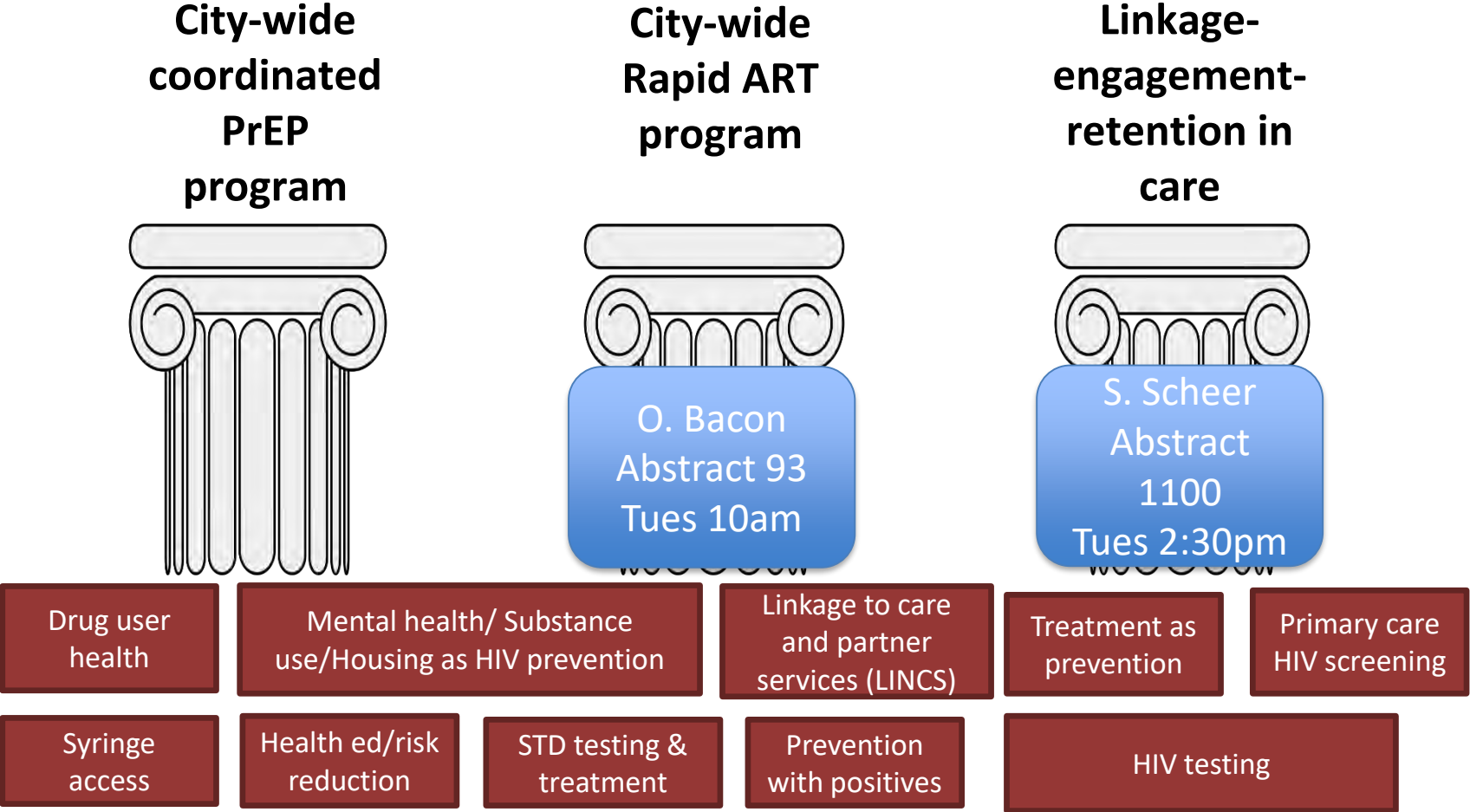
1800 Market St., San Francisco

“This is all interesting, but
are you working
together?”

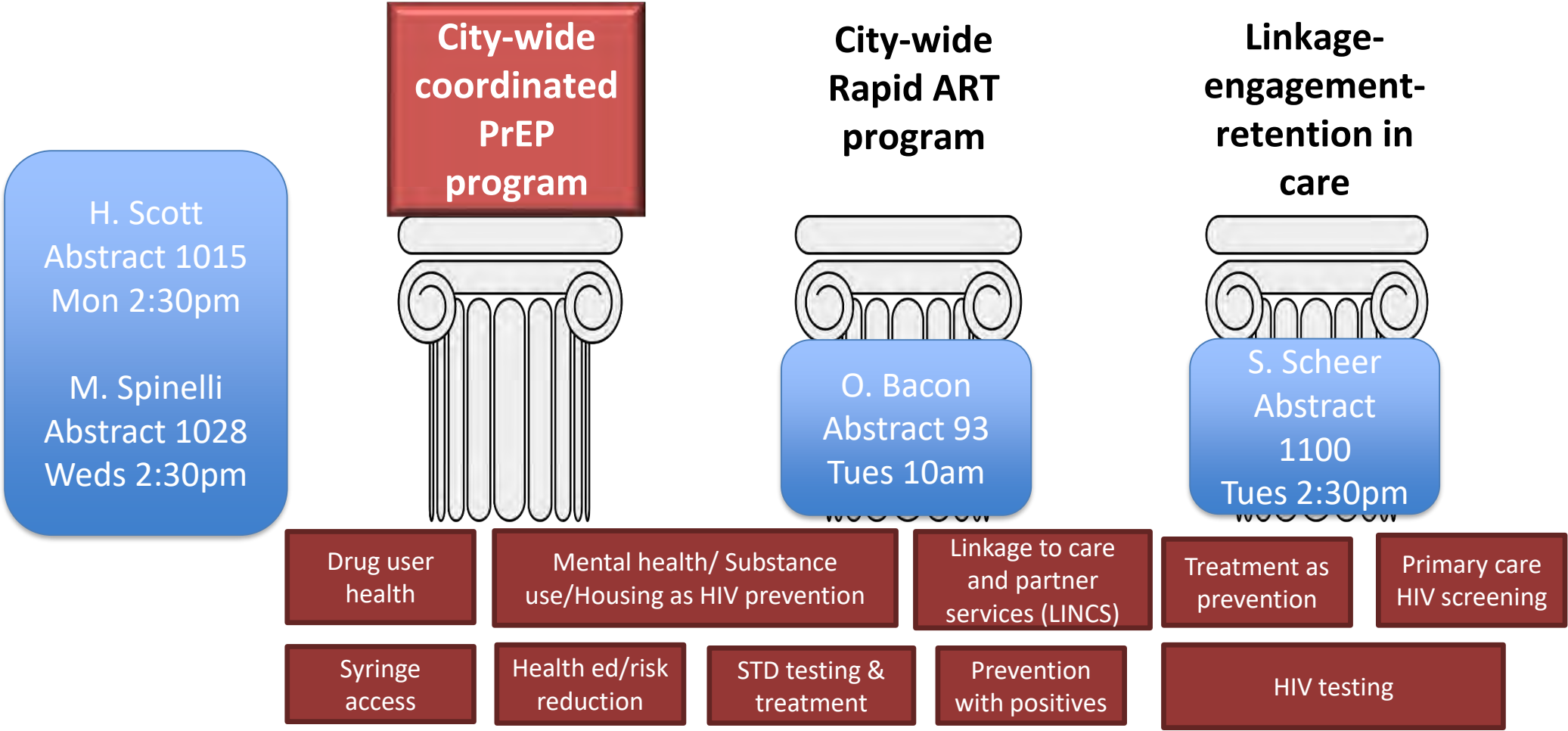
--Community member



2014: Launched City-Wide Getting to Zero Consortium

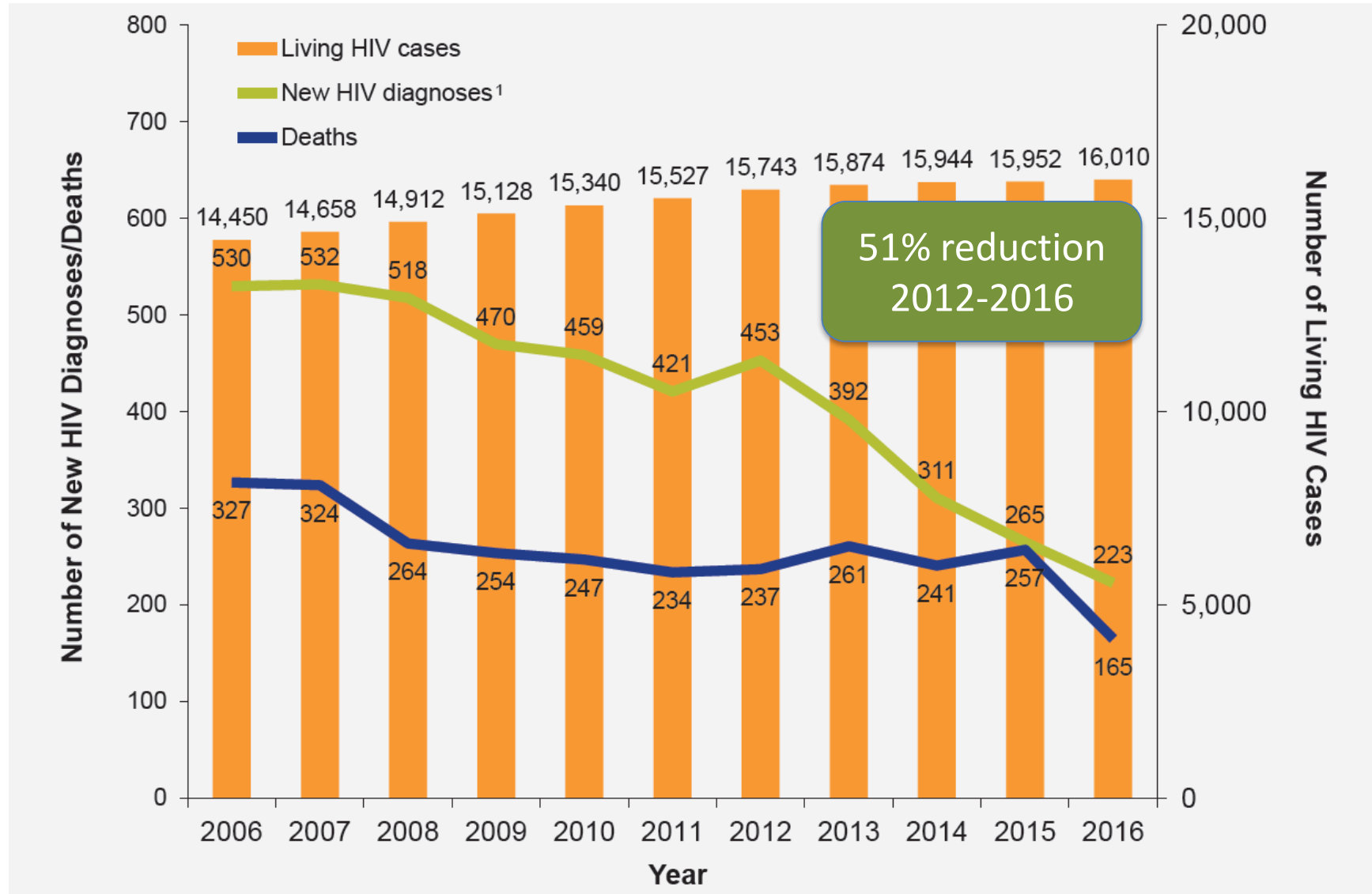


2014: Launched City-Wide Getting to Zero Consortium



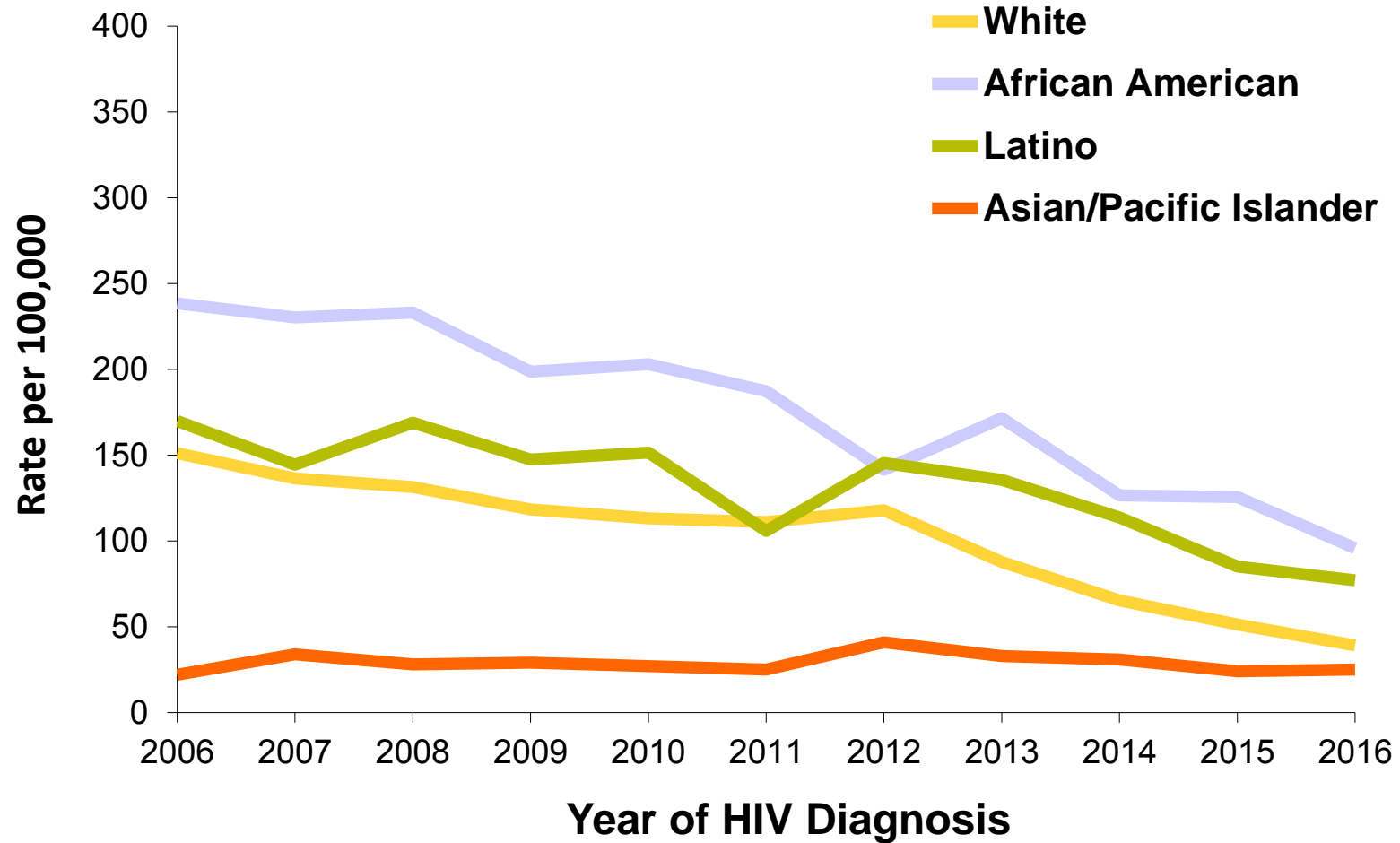
HIV Diagnoses, Persons Living with HIV and Deaths

San Francisco, 2006-2016

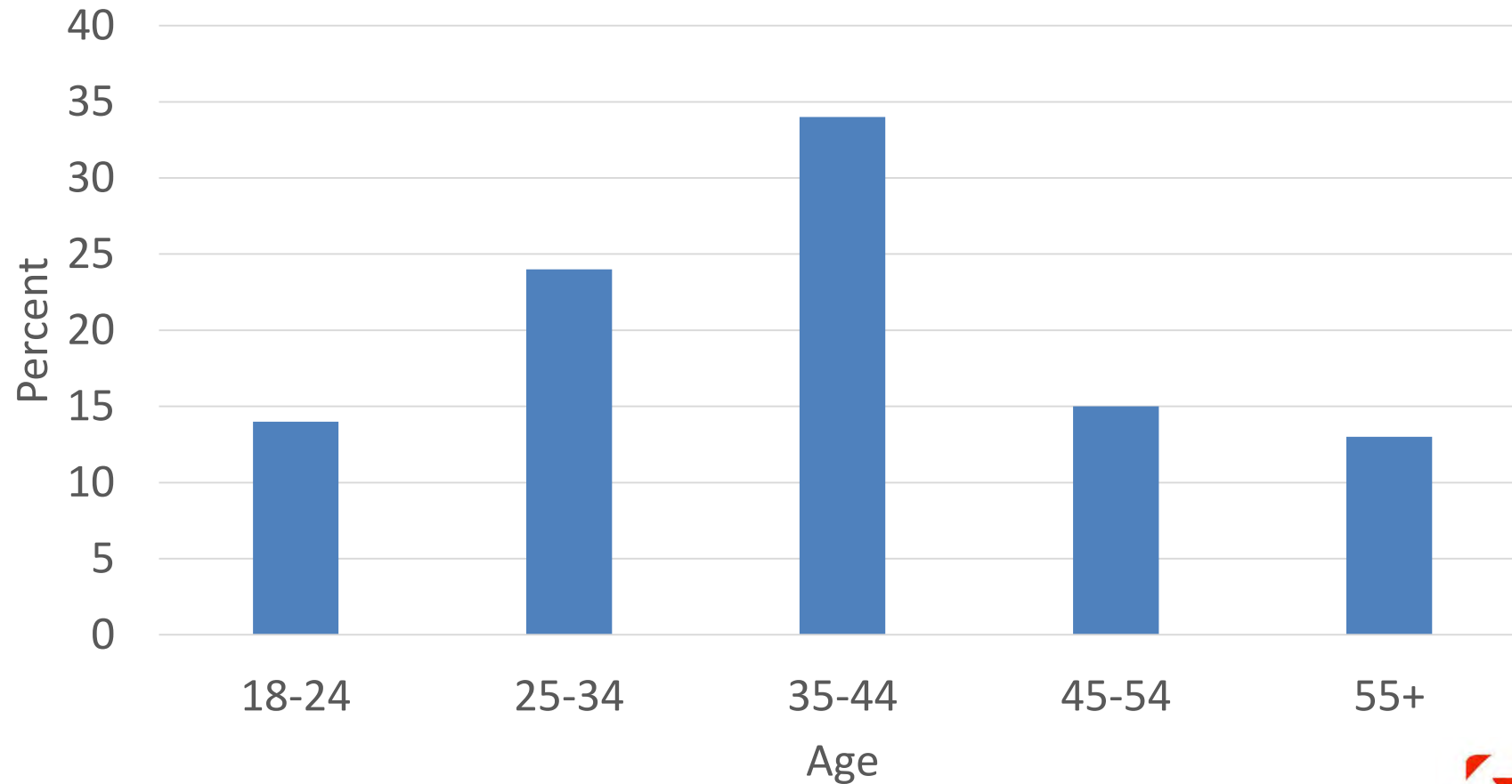


New Diagnoses in Men by Race/Ethnicity

San Francisco



Age at HIV Diagnosis, Men in San Francisco 2016



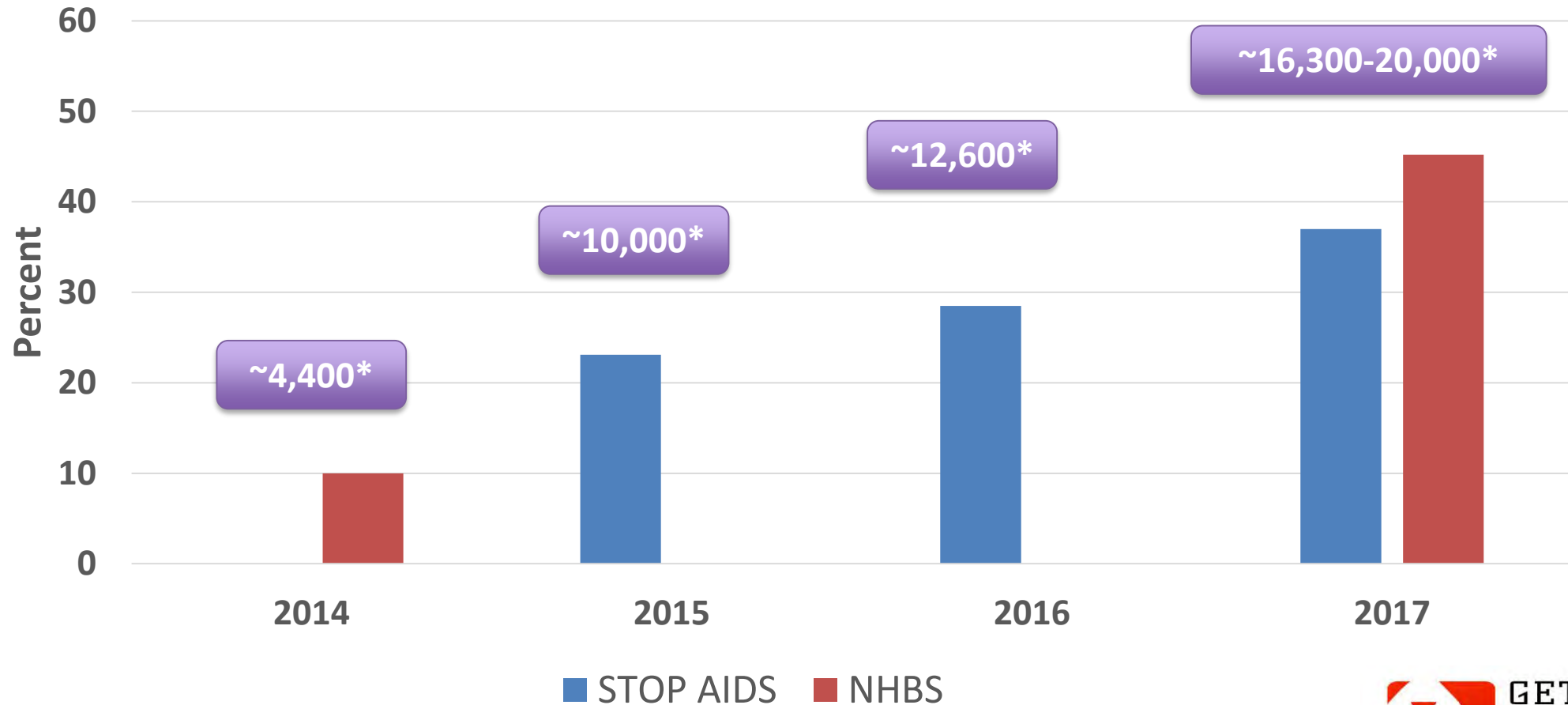
Measuring PrEP Use

Data from 3 Cohorts

- **National HIV Behavioral Surveillance (NHBS)**
 - Probability sample of MSM every 3 years (2014, 2017)
 - PrEP use, last 12 months
- **STOP AIDS/SF AIDS Foundation**
 - Street-based convenience sample (2015-2017)
 - PrEP use, last 12 months
- **San Francisco City Clinic (SFCC)**
 - Municipal sexually transmitted disease clinic
 - Current PrEP use, at time of visit
 - Evaluated subgroup of MSM who were “PrEP-candidates”
 - HIV negative AND
 - Condomless anal sex or STI or HIV+ partner
 - Stratified by race/ethnicity and age
 - Reasons not on PrEP

PrEP Use (Last Year) among HIV-negative MSM

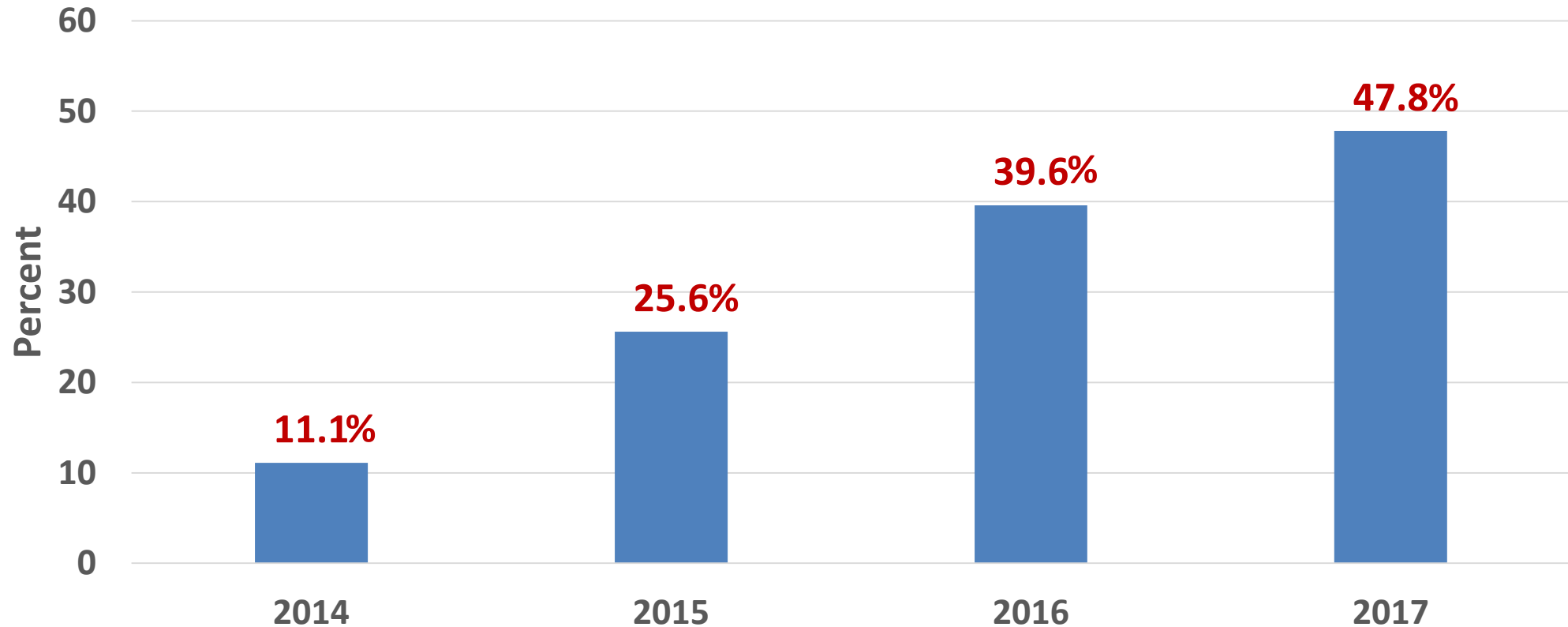
NHBS and STOP AIDS surveys



*Based on estimated sample size of 44,154 HIV negative MSM in SF in 2014
Hughes et al, J Urban Health 2017

Current PrEP Use among MSM “PrEP-Candidates”*

San Francisco City Clinic

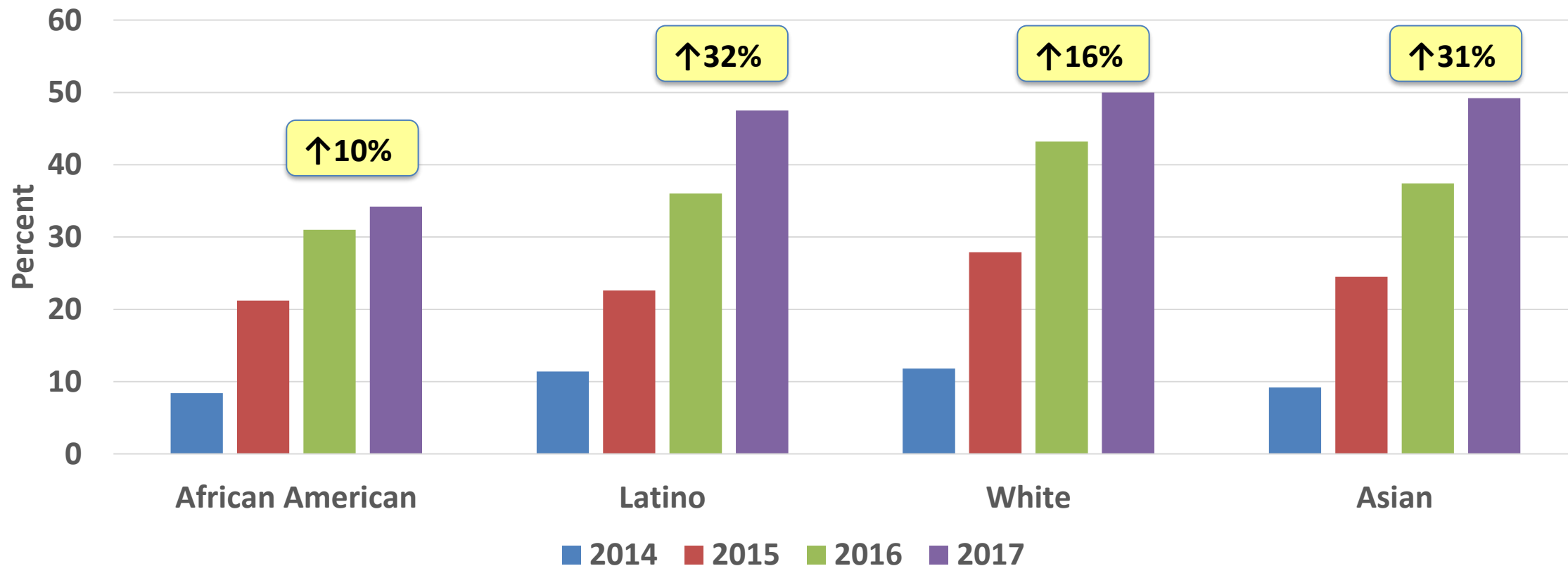


***PrEP-Candidates:**

- HIV negative AND
- Condomless anal sex OR STI OR HIV positive partner

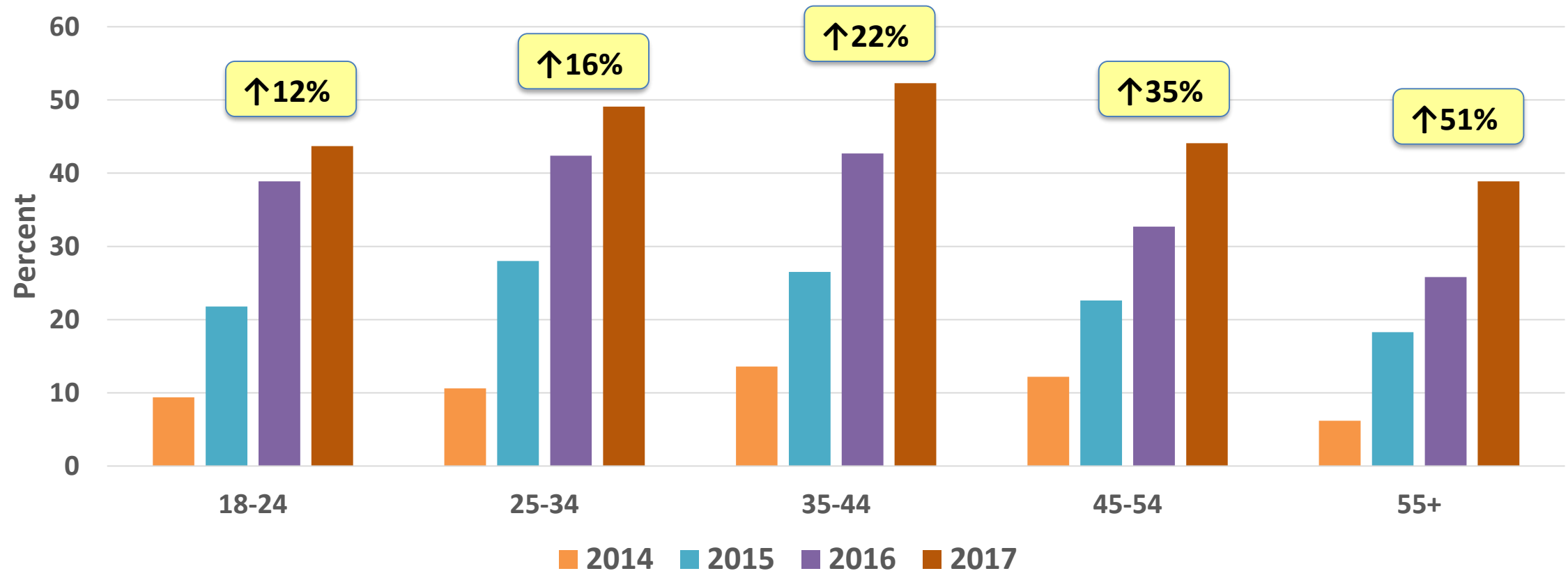
% of MSM “PrEP Candidates” Currently on PrEP by Race/Ethnicity

San Francisco City Clinic



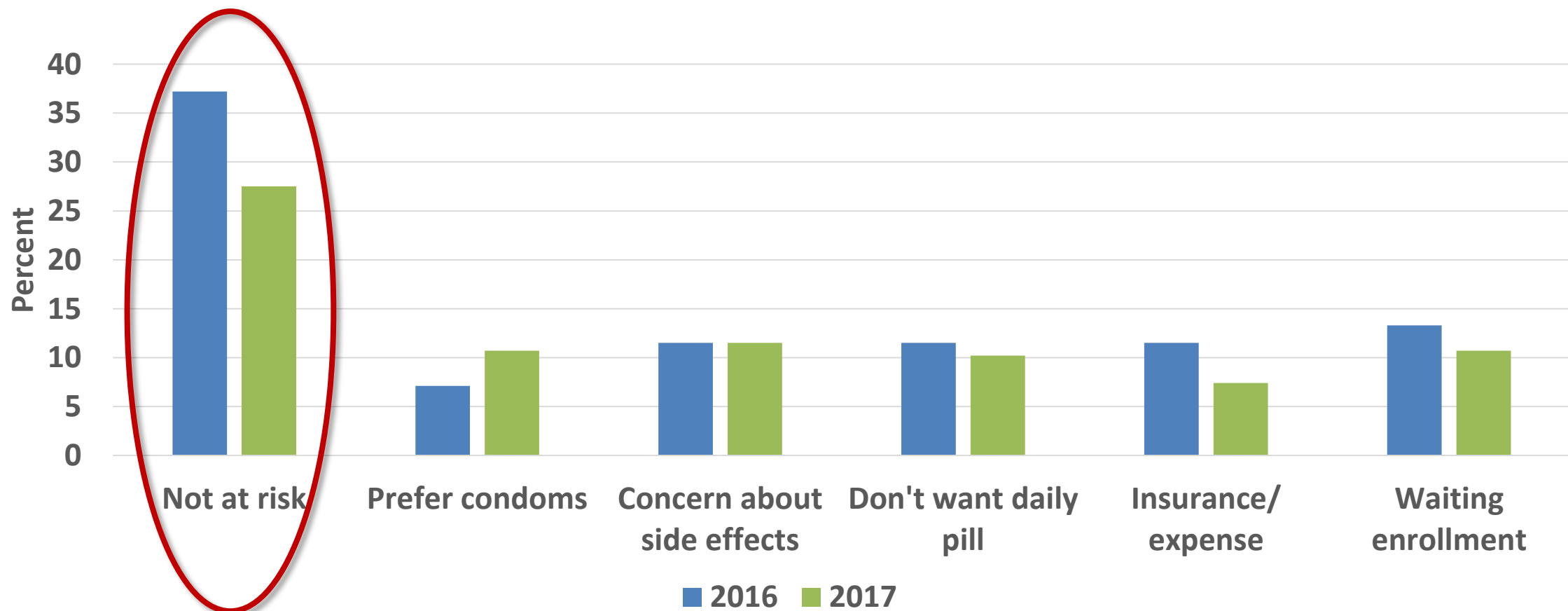
% of MSM “PrEP Candidates” Currently on PrEP by Age

San Francisco City Clinic



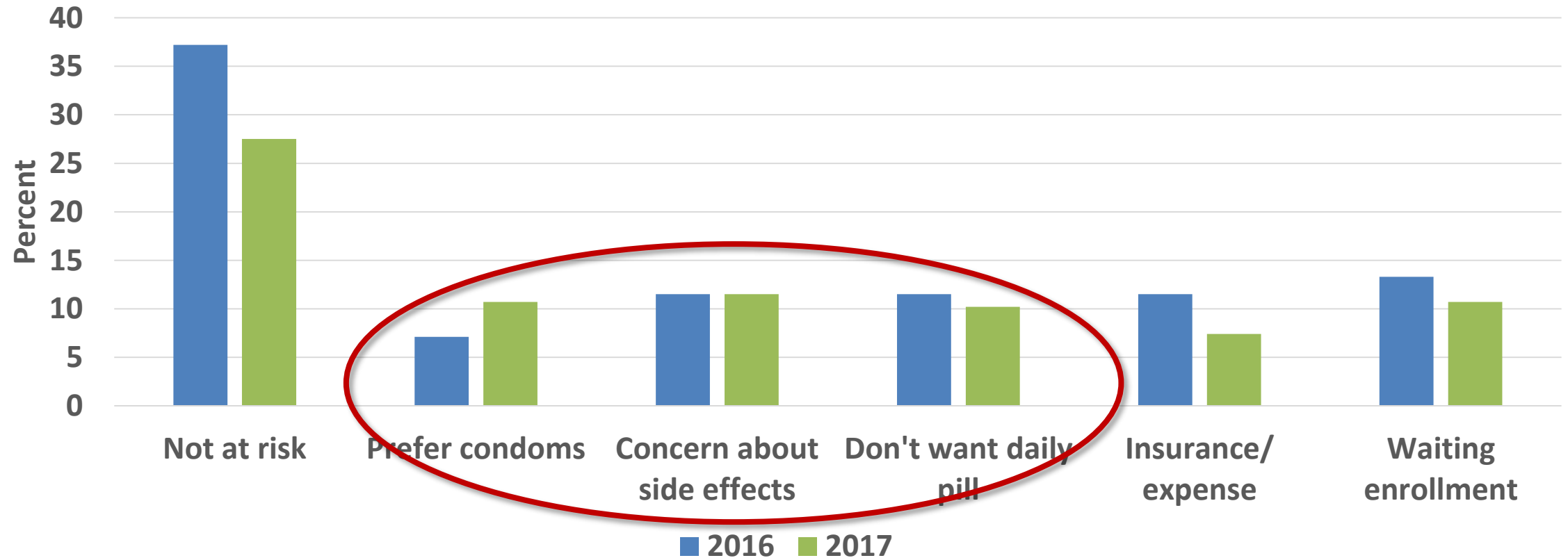
Reasons not previously on PrEP in African American MSM

San Francisco City Clinic

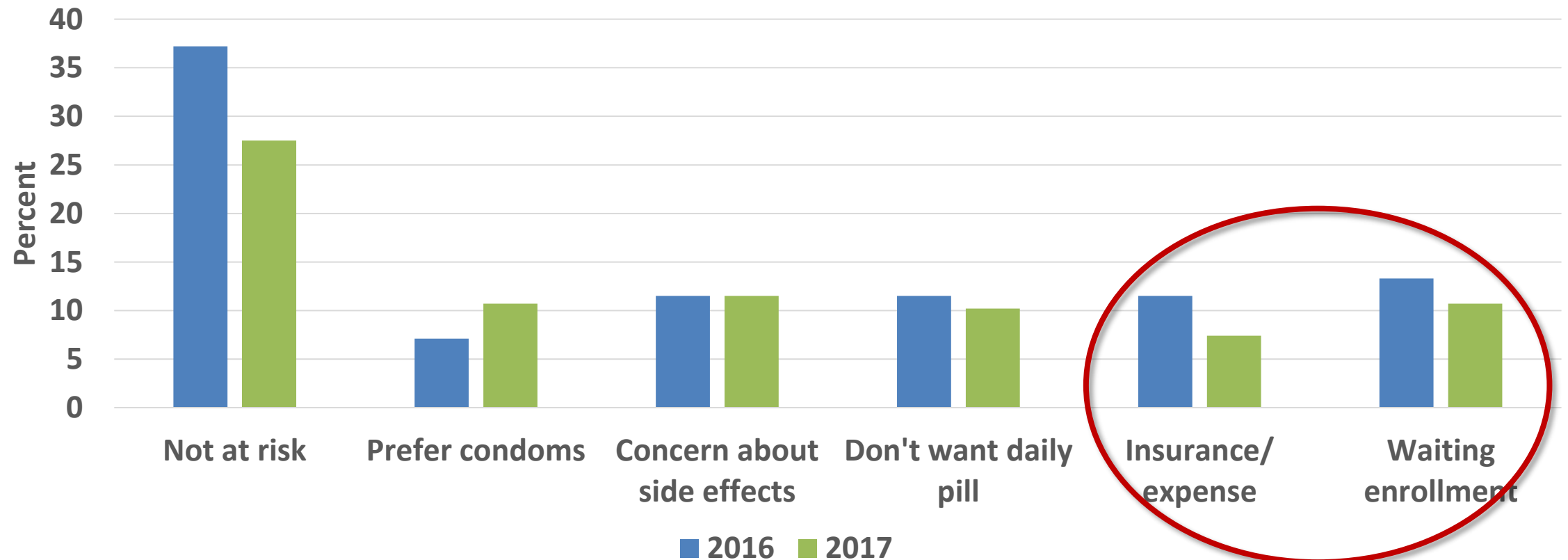


Reasons not previously on PrEP in African American MSM

San Francisco City Clinic



Reasons not previously on PrEP in African American MSMs San Francisco City Clinic



Strengths and Limitations

- NHBS and STOP AIDS surveys
 - Similar methodologies each cycle allow assessment of rate of growth of PrEP uptake
 - Limited sample size (several hundred each) limits ability to perform subgroup analyses
- SFCC
 - Larger sample size (several thousand per year) allows subgroup analyses
 - May over-estimate uptake city-wide as PrEP provided through SFCC
 - No data on PrEP persistence

Conclusions

- New infections decreasing in San Francisco
 - Racial/ethnic disparities lessening but remain
 - New diagnoses in all adult age groups
- PrEP use increasing over time
 - 37-45% of HIV negative MSM on PrEP in last year, based on 2 surveys
 - Lower PrEP use in African Americans than all other racial/ethnic groups; rate of increase in past year also slowest in this group
 - Increased PrEP use in all age groups; older adults “catching up”
- New efforts needed to realize the potential benefit of PrEP
 - Address self-perceived risk, PrEP mistrust, out-of-pocket costs, access
 - Address stereotypes that PrEP is intended only for White MSM



PrEP SUPPORTS THE POWERFUL

**Enjoy the freedom to be powerful.
Ask your healthcare professional about PrEP.**

PrEP is a once daily pill that can prevent HIV transmission. PrEP is more than 90% effective at reducing the risk of getting HIV when taken as directed. Ask your healthcare professional about



LEE RICKIE, FASHION DESIGNER
SHAWN PURCELL-DAVENPORT, MODEL

PrEP SUPPORTS THE CREATIVE

**Enjoy the freedom to be creative.
Ask your healthcare professional about PrEP.**

PrEP is a once daily pill that can prevent HIV transmission. PrEP is more than 90% effective at reducing the risk of getting HIV when taken as directed. PrEP is more than 90% effective at reducing the risk of getting HIV when taken as directed. PrEP is more than 90% effective at reducing the risk of getting HIV when taken as directed.



PrEP SUPPORTS THE BRILLIANT

To Learn More About How PrEP Can Support You Visit
www.AskAboutPrEP.org or Text "AskPrEP" to 21333

San Francisco
Department of Public Health

San Francisco
Department of Public Health

You Visit
21333

Acknowledgements

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Getting to Zero Consortium