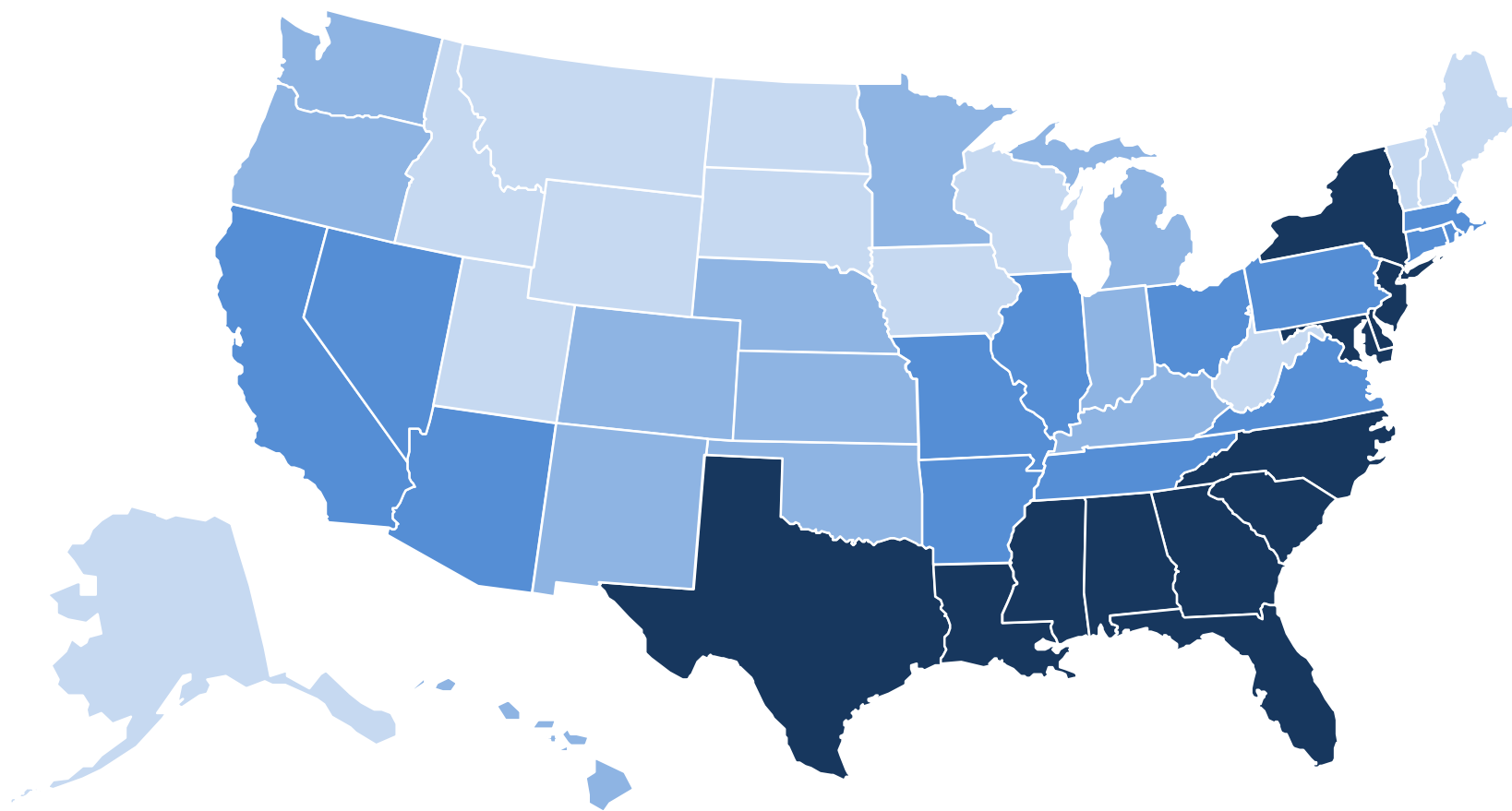




Lifetime risk of acquiring HIV



Highest – Lowest

Hess K et al. CROI 2016, abstract #52

Map from CDC website: <http://www.cdc.gov/hiv/statistics/overview/geographicdistribution.html>

Prevalence | **New Diagnoses**

Rates | Cases

FILTER OPTIONS

Select one option below

RESET MAP

Overall

Age

- 13 to 24
- 25 to 34
- 35 to 44
- 45 to 54
- 55+

Race

- Black
- Hispanic
- White

Sex

- Male
- Female

Transmission Categories

Select a sex above for details

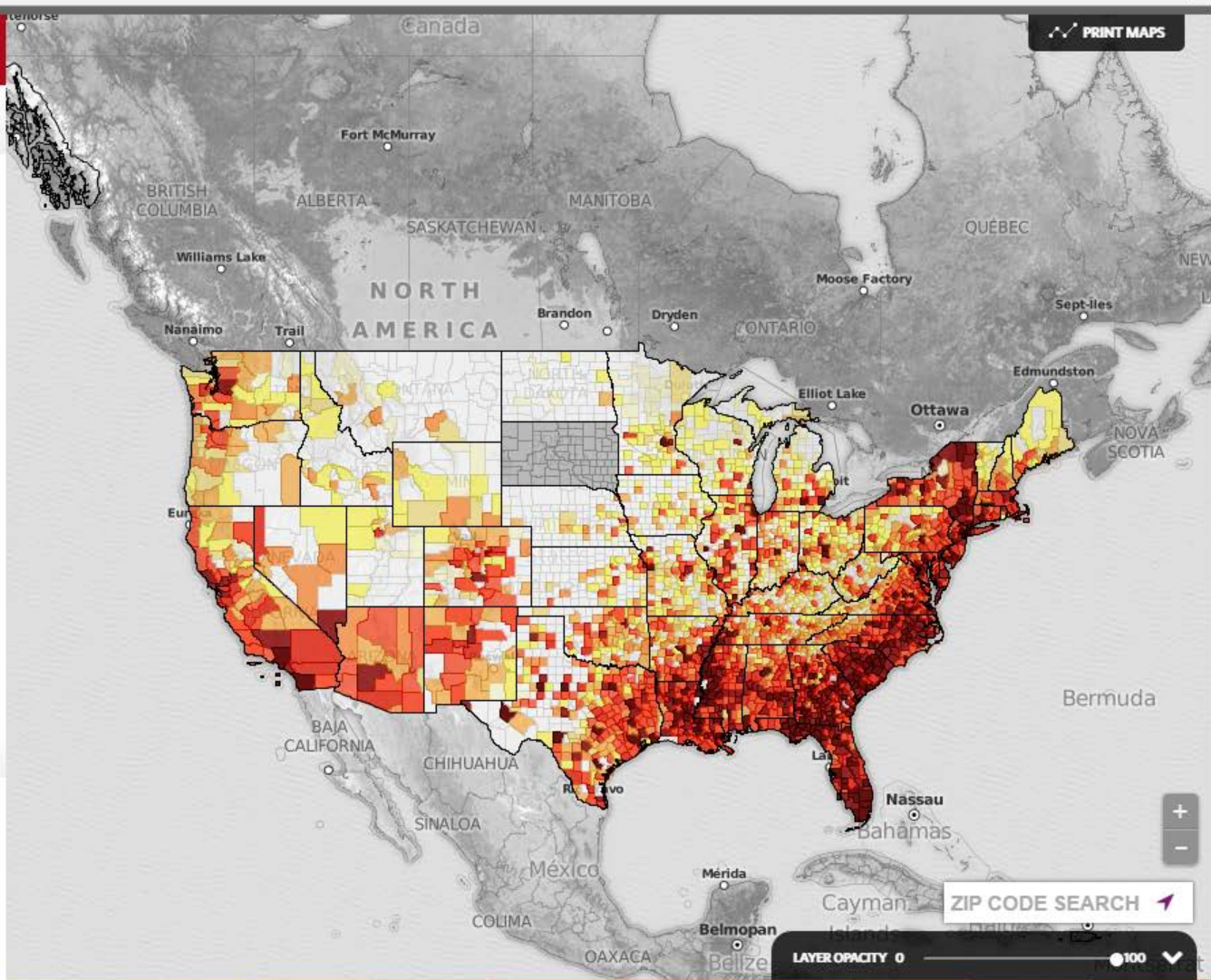
- Male-to-Male Sexual Contact
- Male-to-Male Sexual Contact / Injection Drug Use
- Injection Drug Use
- Heterosexual Contact

DATA COMPARISONS

Social Determinants of Health

- Poverty
- High School Education
- Median Household Income
- Income Inequality
- People without Health Insurance

SERVICE LOCATOR



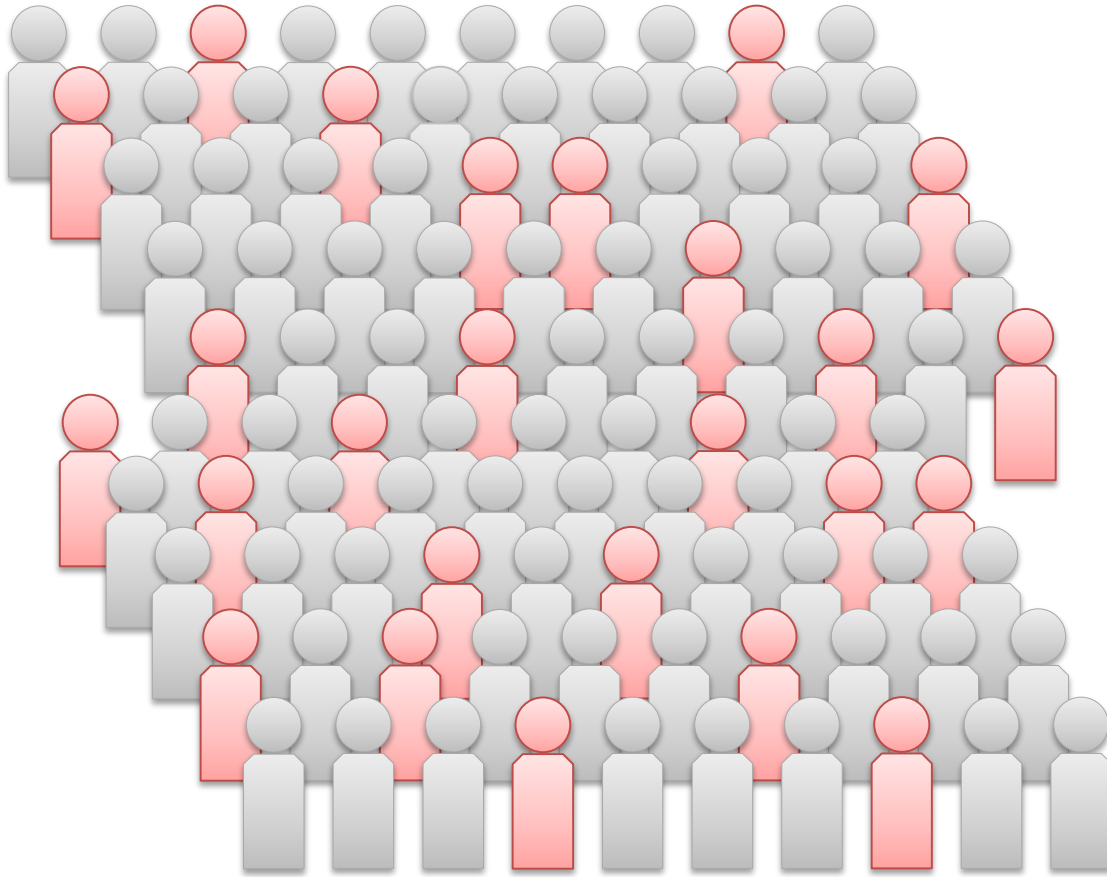
Rates of Persons Living with Diagnosed HIV, 2013

See more

DATA NOT SHOWN

DATA NOT RELEASED TO AIDSVU

Lifetime risk of acquiring HIV

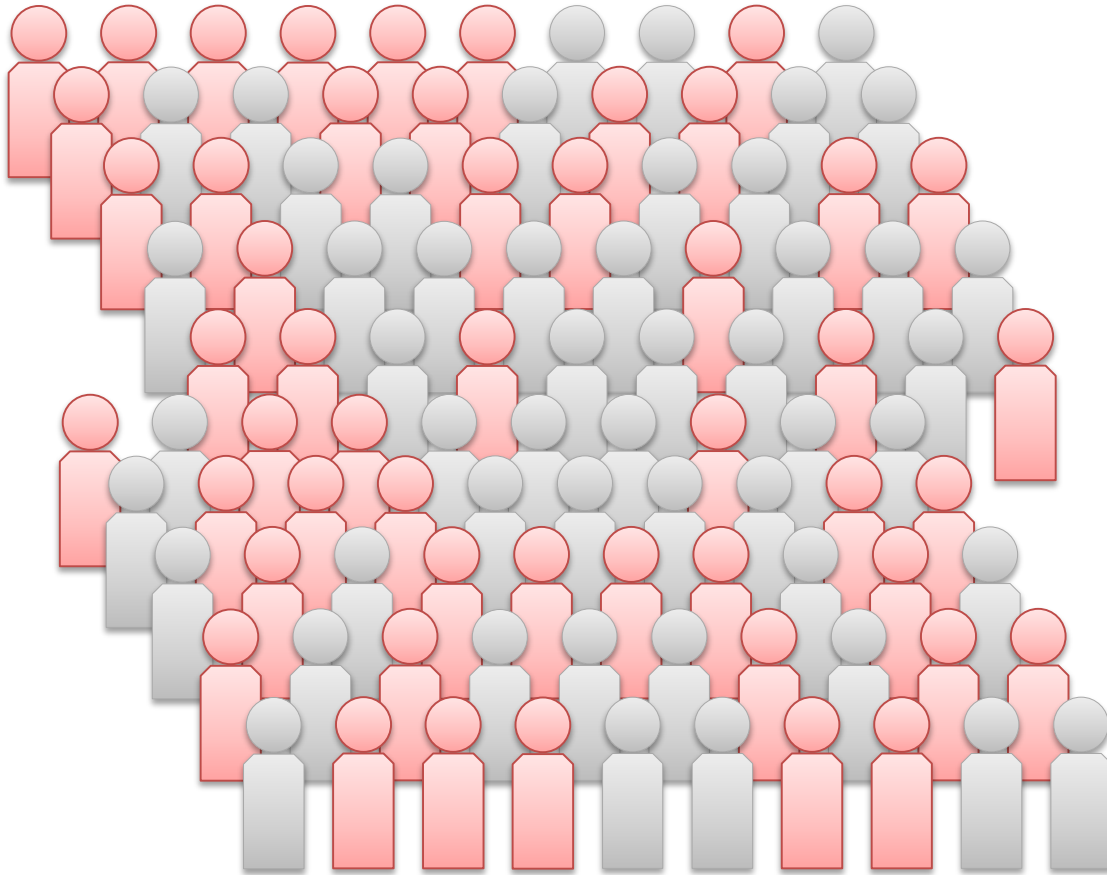


If current diagnosis rates persist...

25

out of 100
Hispanic MSM
will become HIV+

Lifetime risk of acquiring HIV



If current diagnosis rates persist...

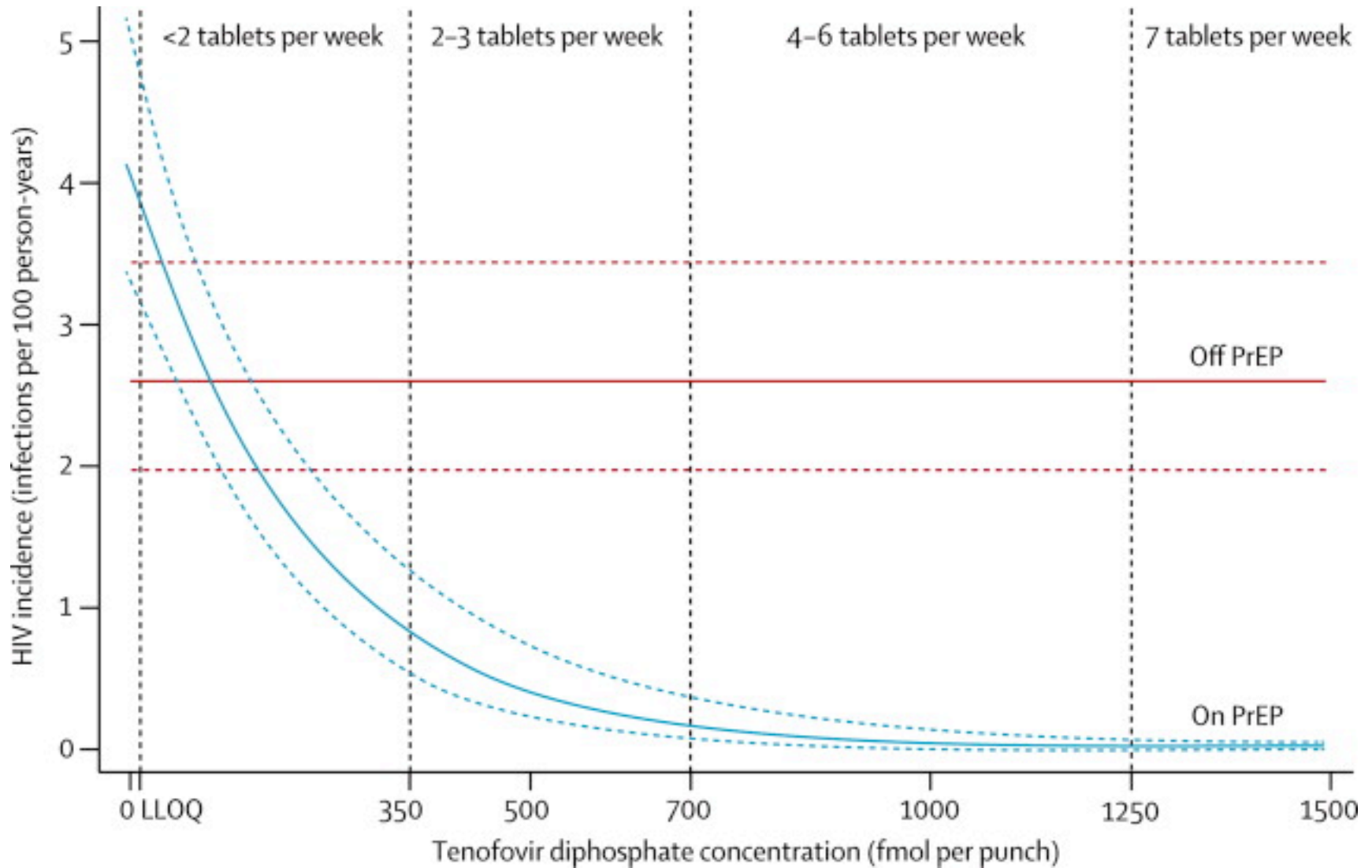
50

out of 100
Black MSM
will become HIV+

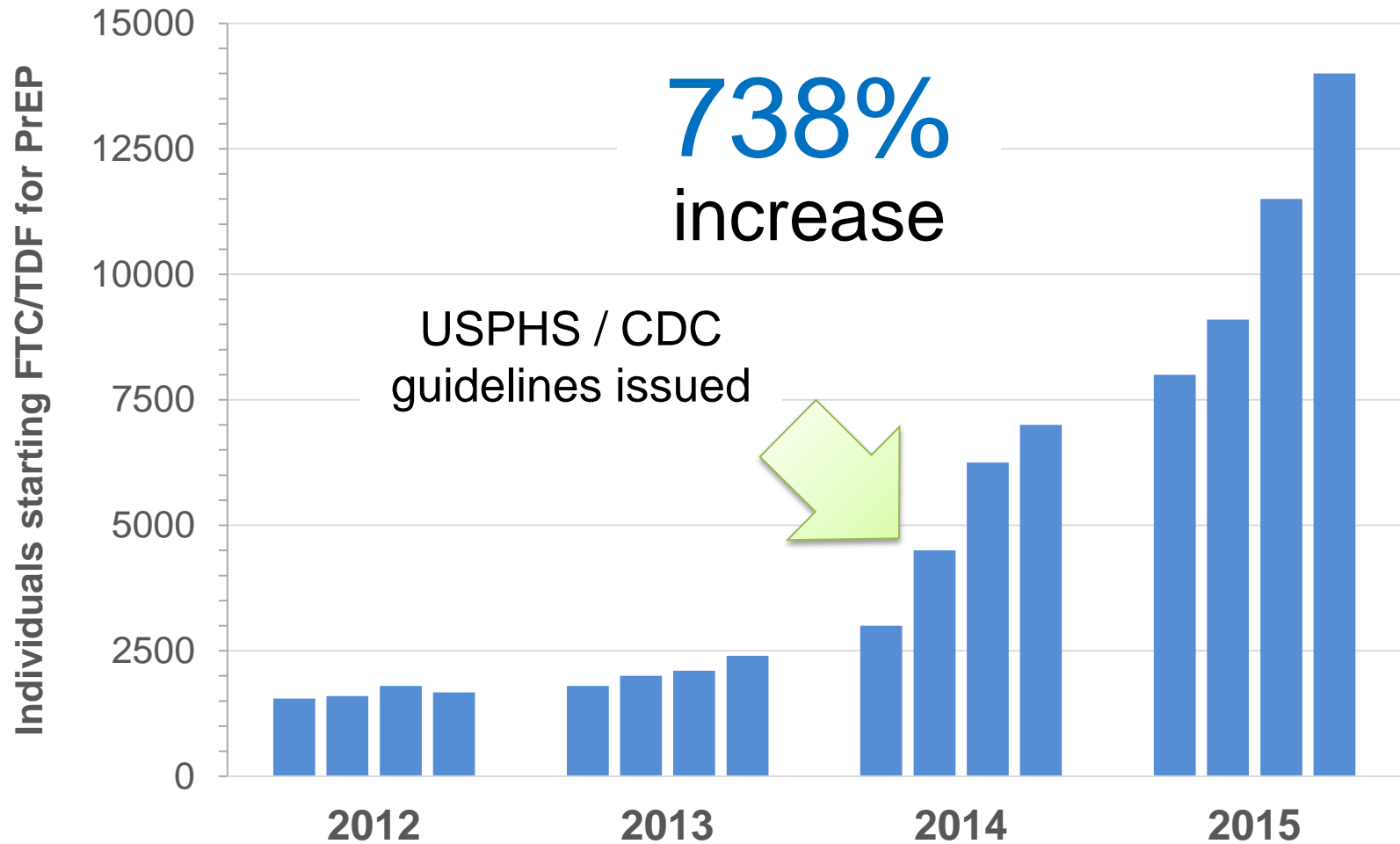
Enter PrEP



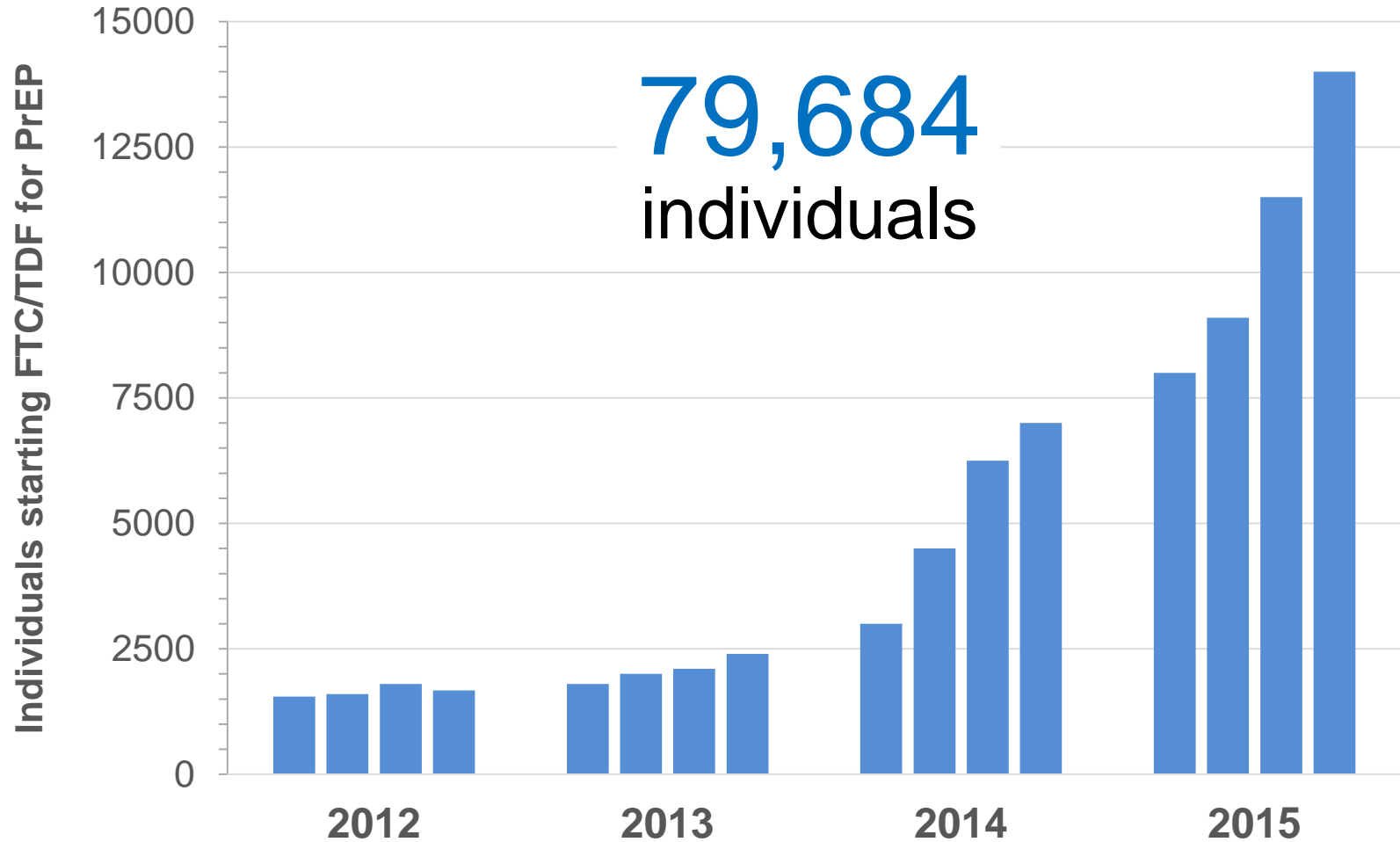
PrEP works when taken



PrEP is taking off in the US...



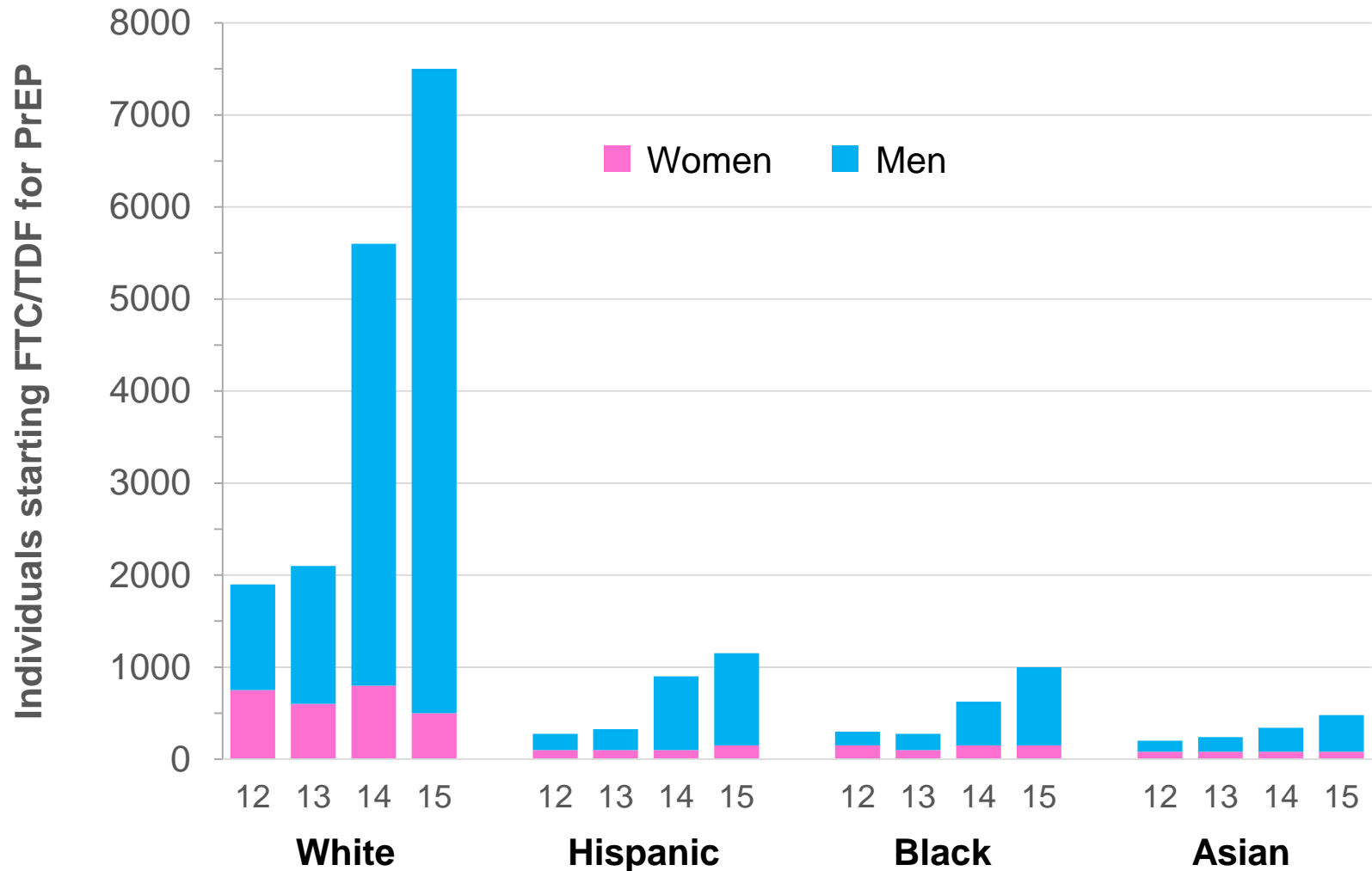
PrEP is taking off in the US...





...but its distribution is uneven...

n=21,463
(44% of all started)

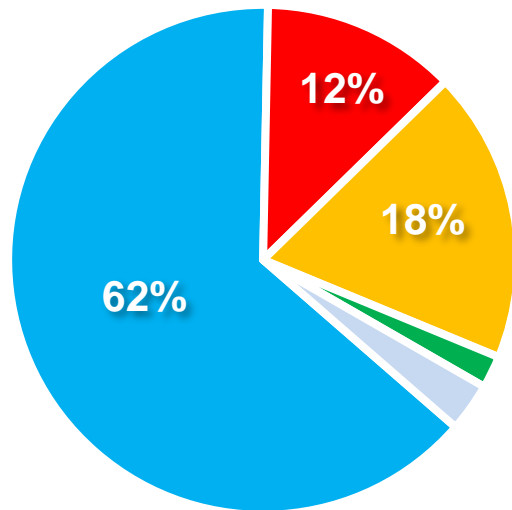


Bush S et al. ASM / ICAAC 2016, abstract #2651

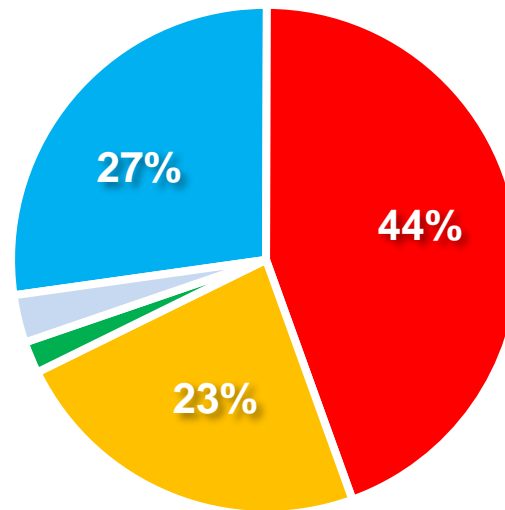
http://www.aidshealth.org/wp-content/uploads/2016/07/GILD_Bush-PrEP-Race-Utilization.ext-June-2016.pdf

...and it's not reaching those most at-risk

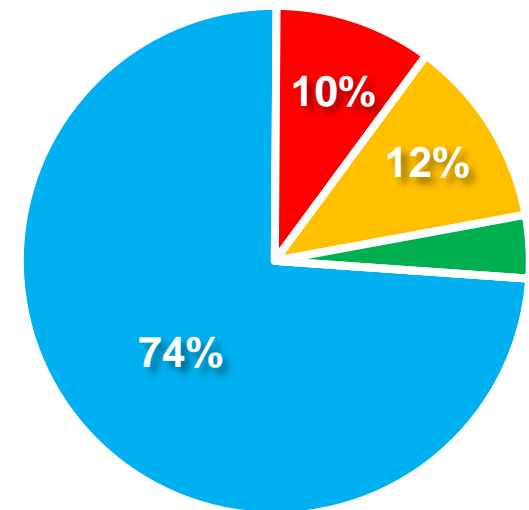
US Population
2014



New Infections
2014 (estimated)



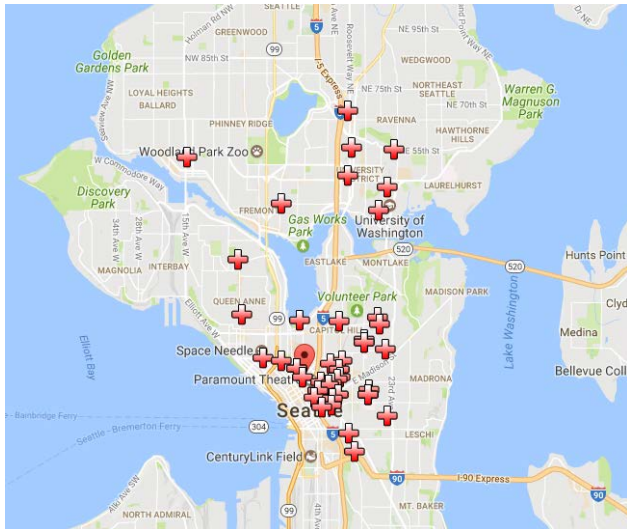
PrEP Utilization
Sept 2015



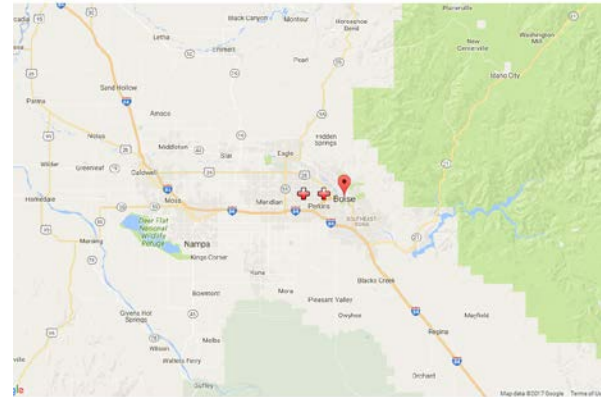
■ Black ■ Hispanic ■ Asian ■ Multi/Other ■ White

PrEP Locator Find Your Provider

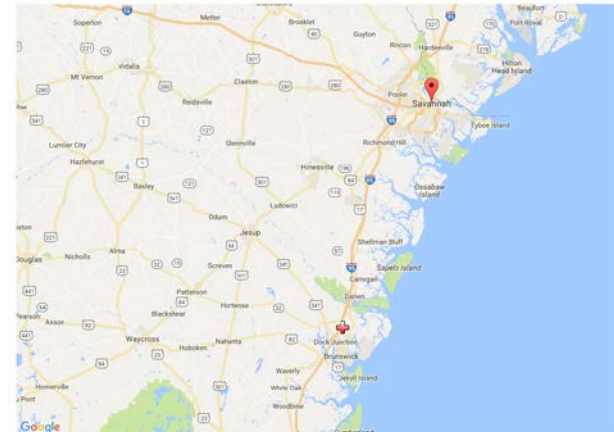
Seattle, WA: 82,000 MSM
< 1 mile to provider



Boise, ID: > 3,900 MSM
3 miles to provider



Savannah, GA: > 3,800 MSM
80 miles to provider



	Factors Relevant to PrEP Uptake	Interventions to Enhance PrEP Uptake
Awareness/ willingness	<ul style="list-style-type: none"> • Awareness of PrEP • Risk/benefit perceptions • Barriers to seeking PrEP <ul style="list-style-type: none"> • PrEP cost • PrEP side-effects • Perceived PrEP stigma 	<ul style="list-style-type: none"> • Mass media campaigns • Community mobilization • Alternative PrEP formulations • Community-based efforts to destigmatize PrEP
Access to Healthcare	<ul style="list-style-type: none"> • Individual <ul style="list-style-type: none"> • Has public or private health insurance • Regularly sees primary care doctor • Can afford medication • Transportation 	<ul style="list-style-type: none"> • Medication and/or co-payment waivers • Free service provision • Enhanced access <ul style="list-style-type: none"> • Centralized provision • Enhanced referral systems
Likely to Receive Rx	<ul style="list-style-type: none"> • Healthcare provider <ul style="list-style-type: none"> • Aware of PrEP • Willing to prescribe PrEP • Screens for risk and determines patient eligible • Patient <ul style="list-style-type: none"> • Adequately report behavior eligible for PrEP • PrEP not contraindicated 	<ul style="list-style-type: none"> • Provider education/training • Electronic tools to assess sexual risk and indicate PrEP • Automated systems to minimize provider burden
Adherence and Efficacy	<ul style="list-style-type: none"> • Side-effects/medication tolerance • Risk compensation • Dosing schedules • Long-term adherence and PrEP continuation 	<ul style="list-style-type: none"> • Counseling <ul style="list-style-type: none"> • Medication adherence • Sexual risk reduction • Home support systems to minimize patient testing burden • Electronic adherence reminders/support

PrEP Research

PrEP RFAs

The screenshot shows the NIH Guide to Grants and Contracts website. The navigation bar includes links for HOME, ABOUT GRANTS, FUNDING, POLICY & COMPLIANCE, NEWS & EVENTS, and ABOUT OER. The main heading is "NIH Guide to Grants and Contracts". Below this, there is a search bar and a "Current Search" section. The search results are displayed in a table format, showing two results for the title "Strengthening the HIV Pre-Exposure Prophylaxis (PrEP) Care Continuum through Behavioral, Social, and Implementation Science (R21)".

Title	FOA Number	Organization	Released	Expires	Activity Code
Strengthening the HIV Pre-Exposure Prophylaxis (PrEP) Care Continuum through Behavioral, Social, and Implementation Science (R21)	PA-17-103	NIMH	01-09-2017	01-08-2020	R21
Strengthening the HIV Pre-Exposure Prophylaxis (PrEP) Care Continuum through Behavioral, Social, and Implementation Science (R01)	PA-17-104	NIMH	01-09-2017	01-08-2020	R01

PrEP-related publications

