

Center for Public Health Research



POPULATION HEALTH DIVISION
SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH

Protecting and Promoting Health and Equity

Willi McFarland, MD, PhD, MPH&TM
Director, Center for Public Health Research
January 16, 2018
Health Commission Community Meeting



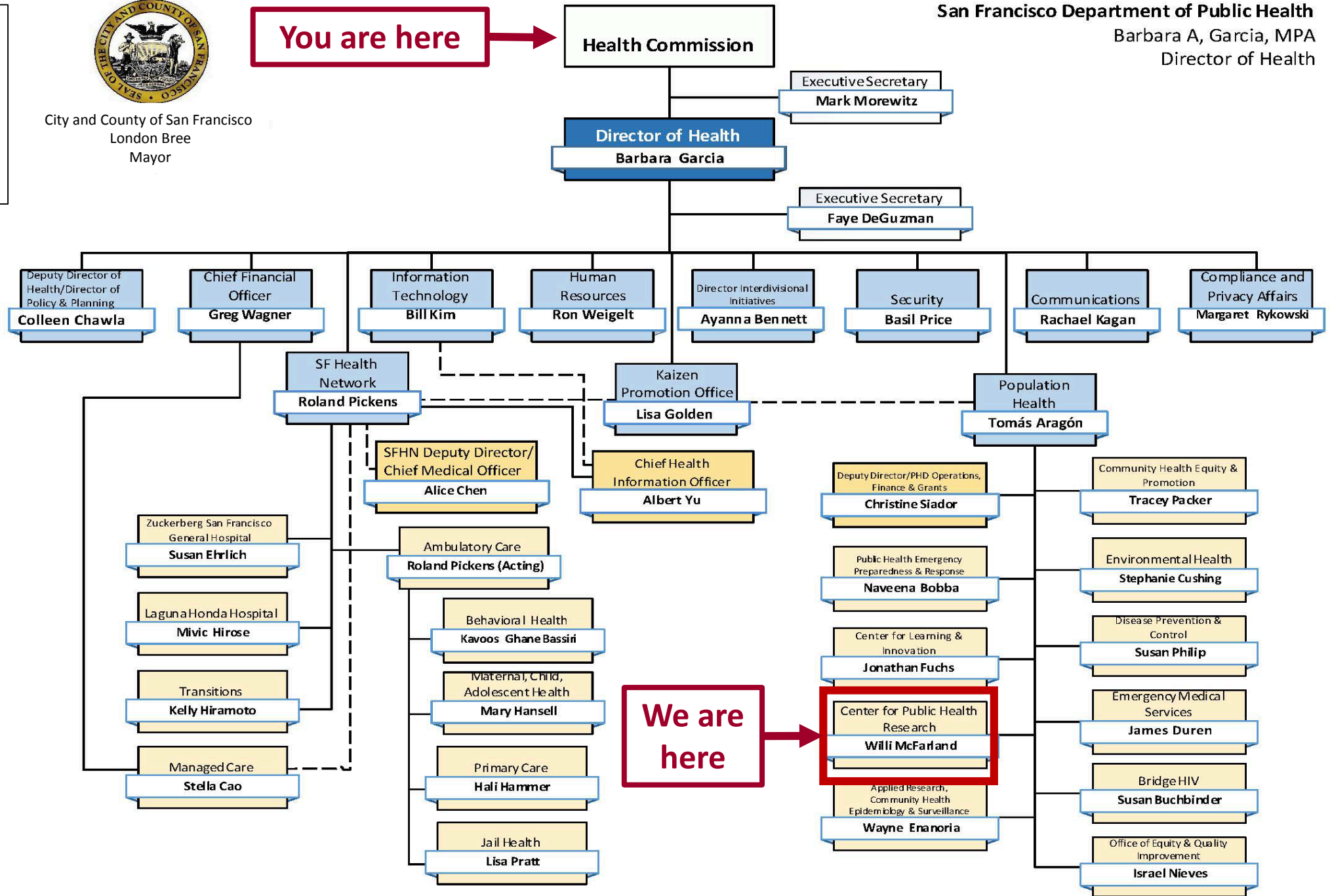
Where are we?



City and County of San Francisco
London Bree
Mayor

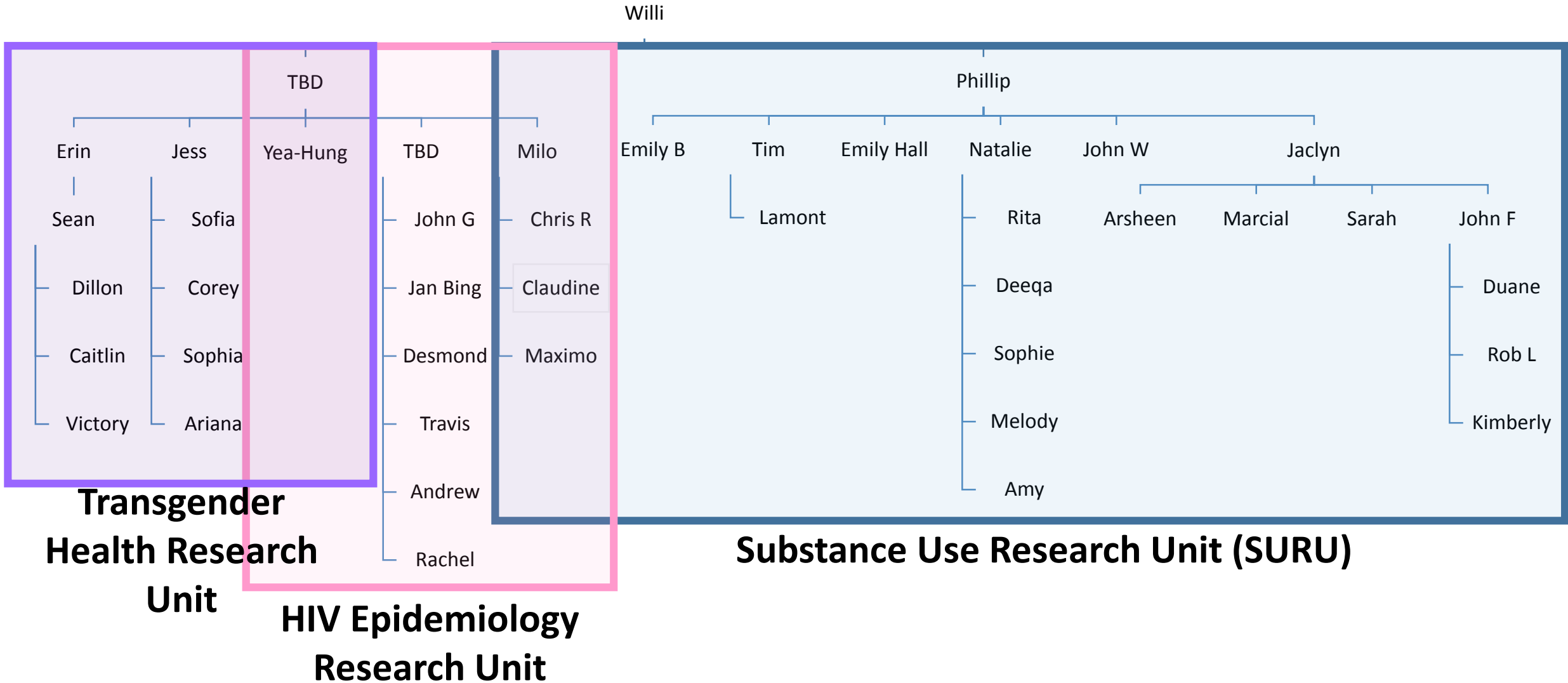
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San Francisco Department of Public Health
Barbara A. Garcia, MPA
Director of Health



Who are we?

Center for Public Health Research



What do we?

- **Research**

- **Ideally:** Capacity in all areas of health of San Franciscans
- **Reality:** Leverage our strengths in a few areas in which we excel

- **Get grants:** 60 as primary or collaborator
~\$4,000,000 per year

- ***CPHR is >95% extramurally funded (indirects go to City and County)***

- **Publish or perish:** 290 journal publications
>100 presentations (local, national, international)

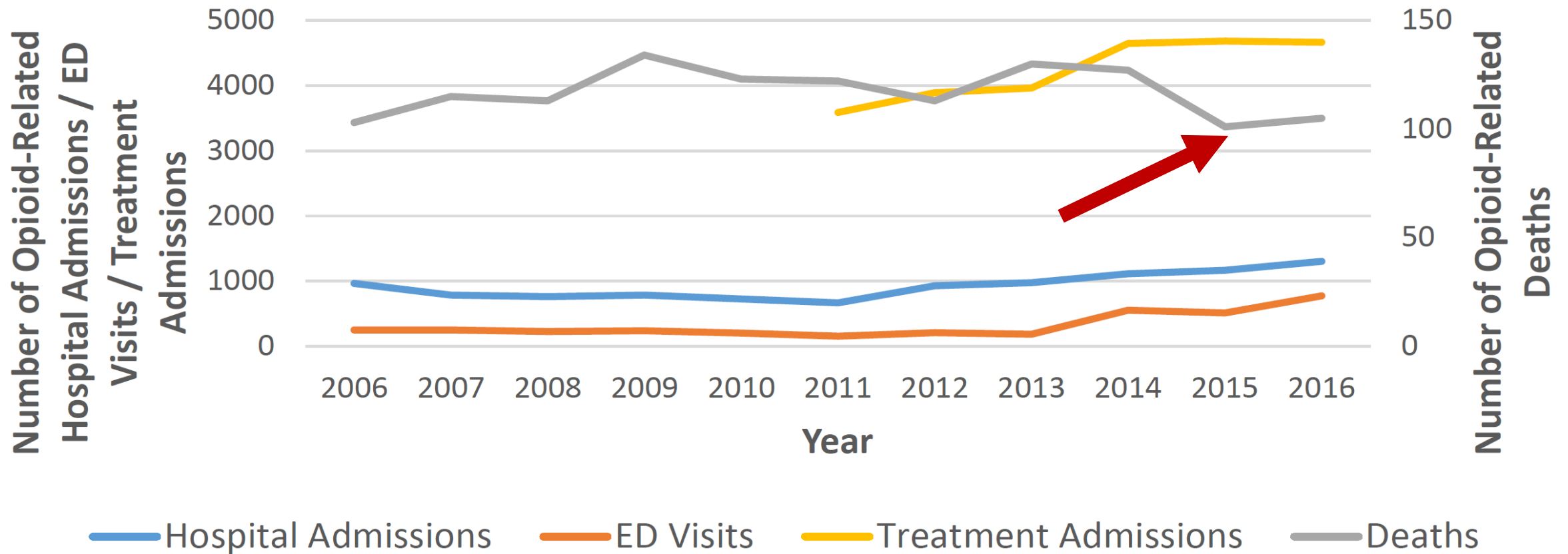


What do we? Areas in which we excel

- **Substance use research:** Epidemiology, prevention, reduction, and mitigation of harm
- **HIV epidemiology research:** Epidemiology and surveillance of factors leading to HIV infection and related diseases
- **Transgender health research:** Understanding structural, behavioral, and biological factors underlying health disparities
- **Capacity-building, technical assistance, teaching research methods:** Building the pipeline of future public health researchers, helping other health departments in areas of San Francisco's strengths

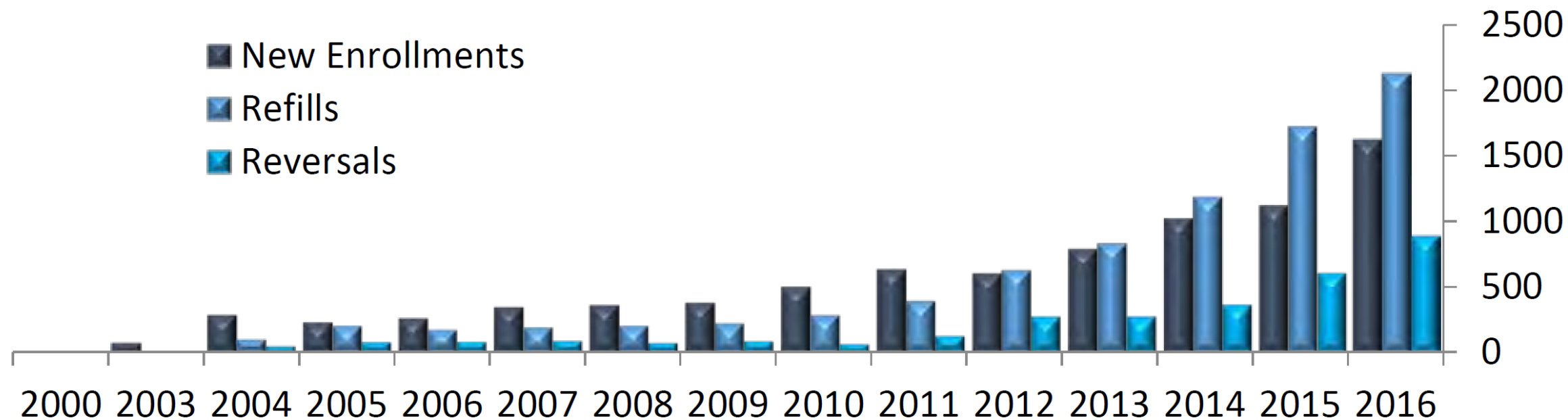
Substance Use Research Unit (SURU): Epidemiology, prevention, reduction, and mitigation of harm

Opioid health indicators, San Francisco



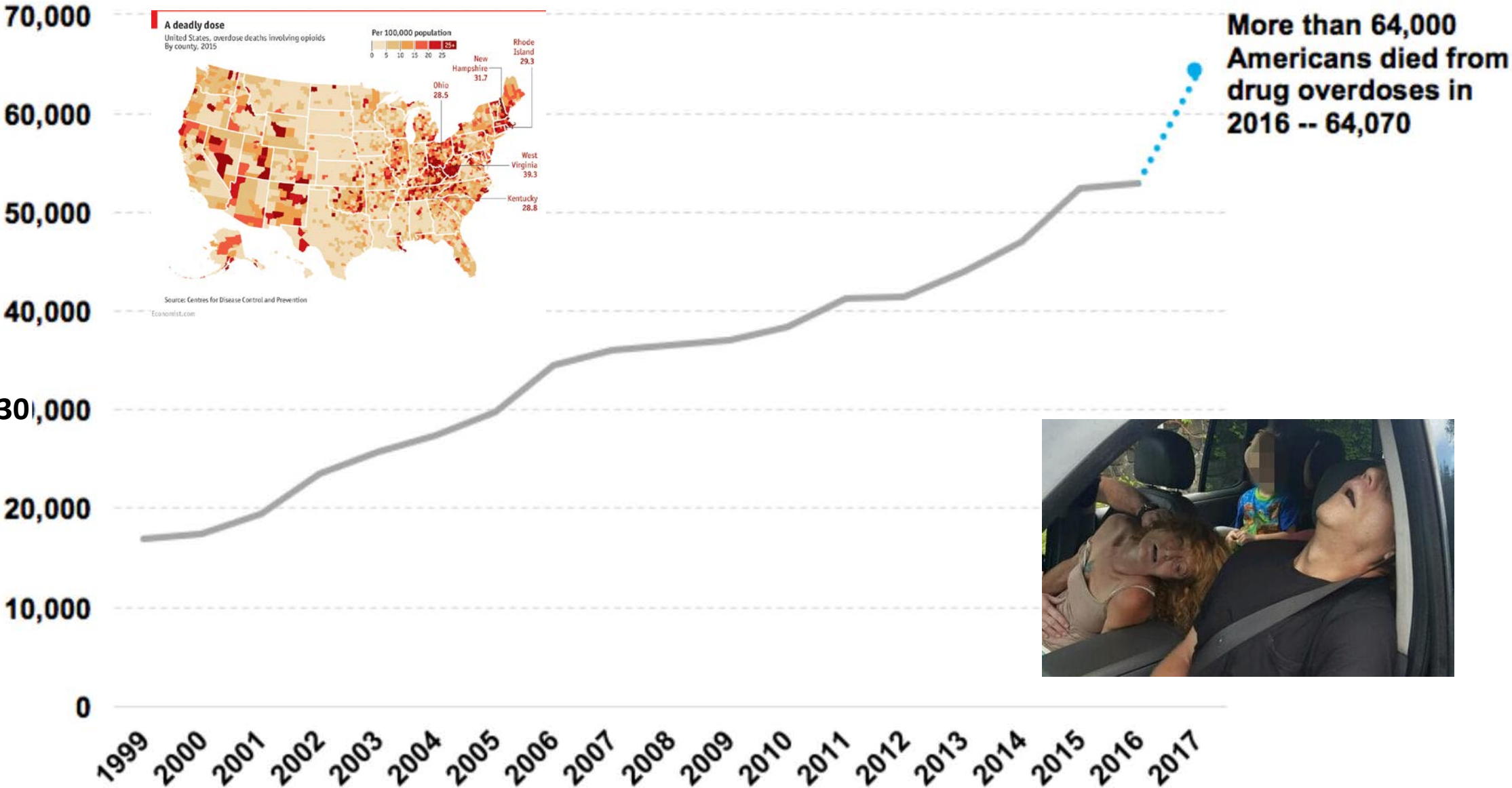
Substance Use Research Unit (SURU): Epidemiology, prevention, reduction, and mitigation of harm

Naloxone enrollments, refills, and reversal reports to the Drug Overdose Prevention and Education Project, San Francisco



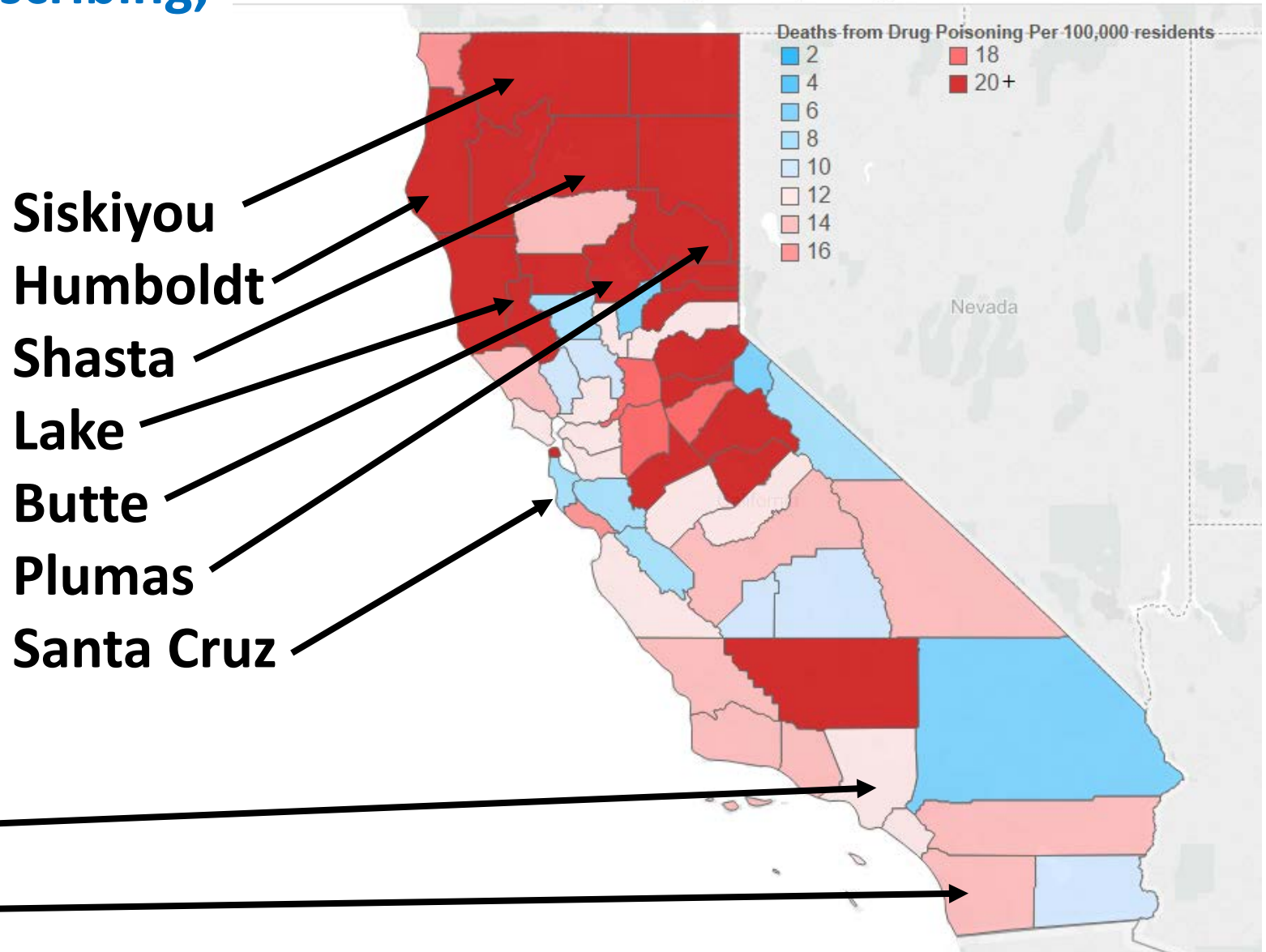
Source: Drug Overdose Prevention and Education Project, 2016.

Total U.S. Drug Deaths



SURU: Training rural county providers on opioid prescribing, naloxone co-prescribing, and buprenorphine use

Drug Poisoning Deaths by County, 2014

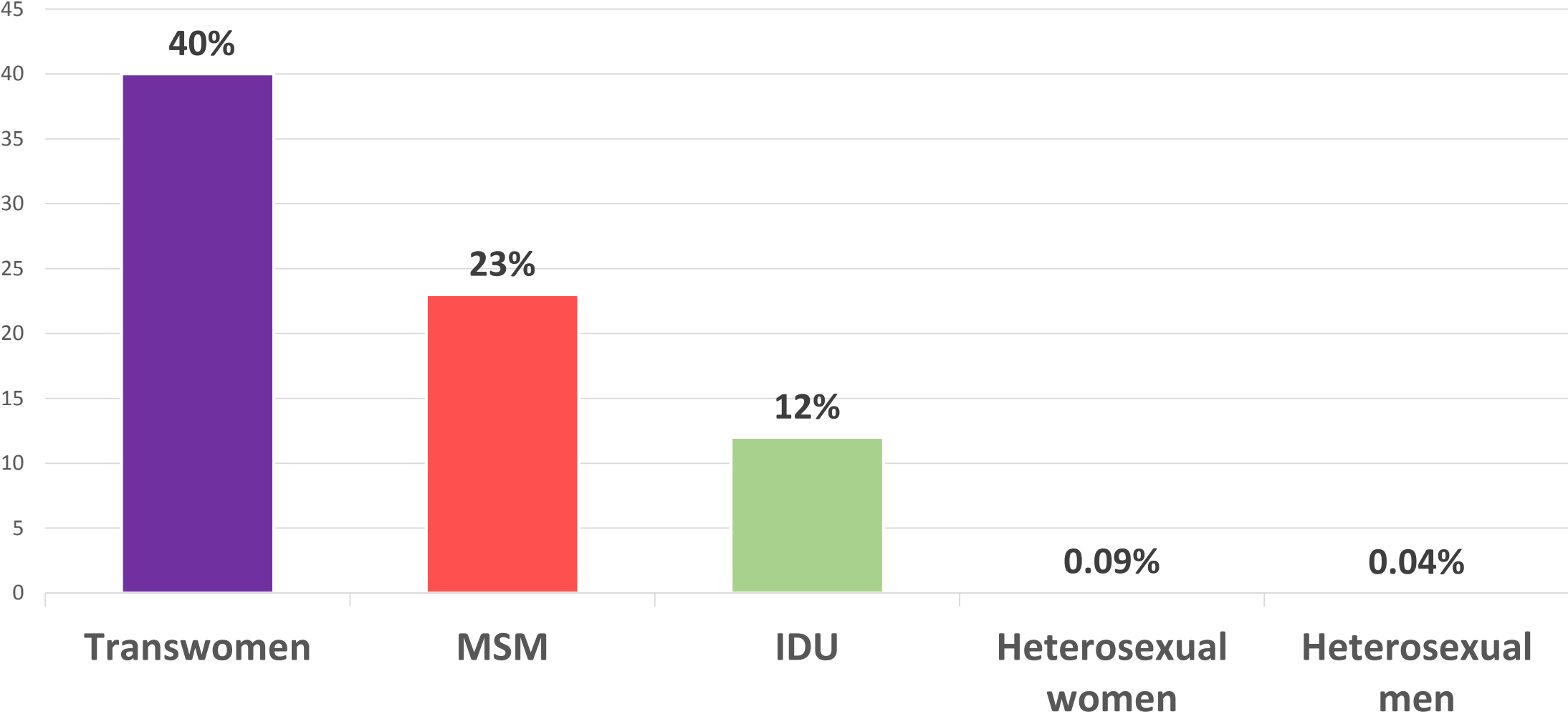


More to come next year!

Next round:
Los Angeles
San Diego

HIV Epidemiology Research Unit

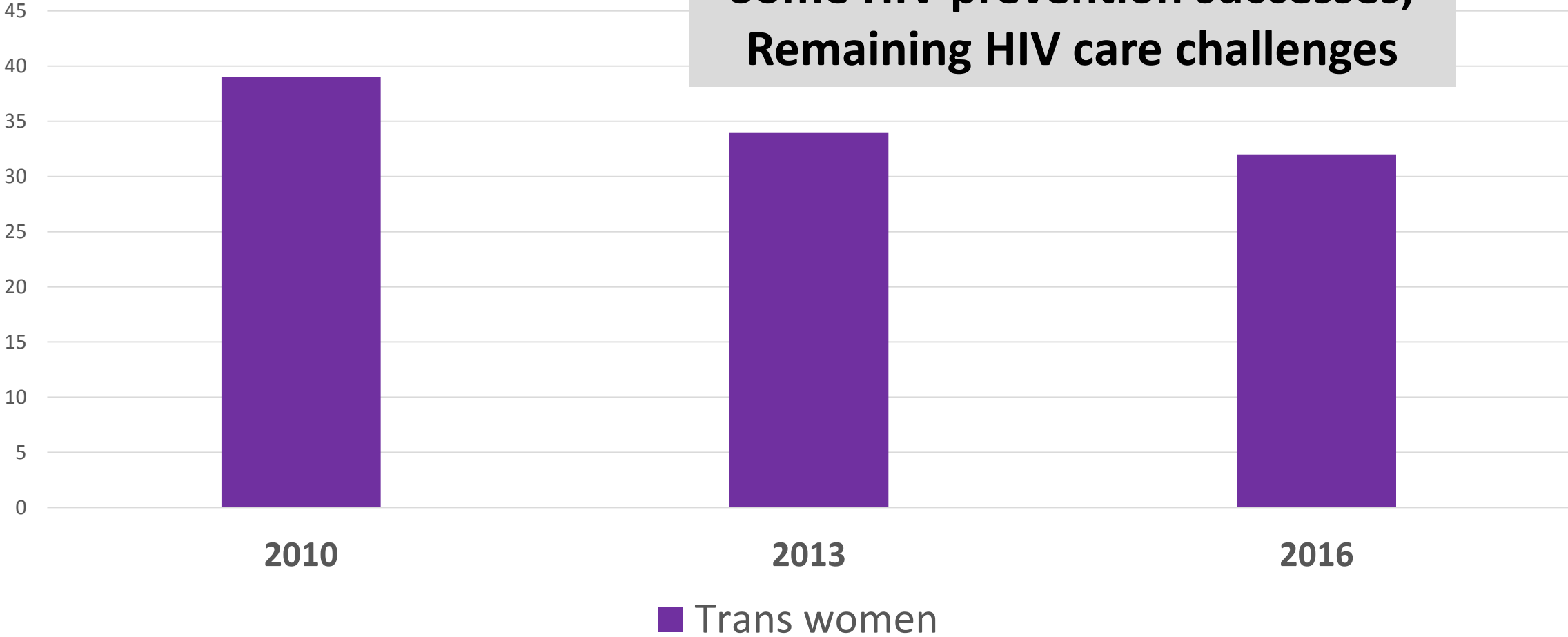
HIV prevalence: Trans women, MSM, IDU, HRH



HIV Epidemiology Research Unit

HIV prevalence: Trans women

**Some HIV prevention successes;
Remaining HIV care challenges**



The Trans*National Study

USA * BRAZIL * CHINA * NAMIBIA

Transgender Health Research Unit



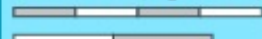
Trans*National (NIH R01):

- World's largest transwomen cohort
- HIV incidence, minority stress, gender transition events

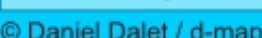


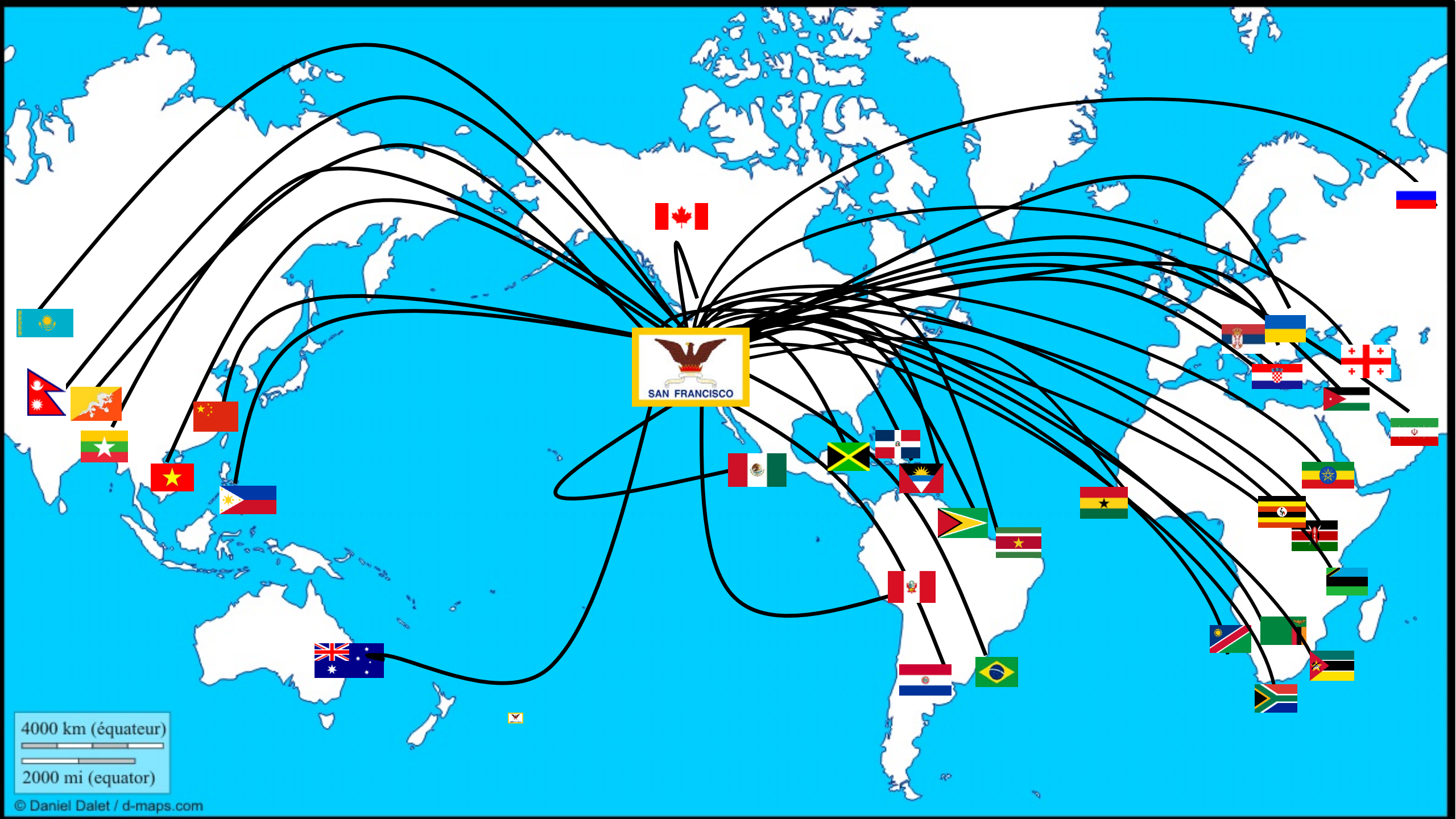
**CPRH provides
technical assistance
to ministries of
health worldwide**

4000 km (équateur)



2000 mi (equator)






SAN FRANCISCO

4000 km (équateur)
2000 mi (equator)

**“SFDPH punches
above their weight in
public health
research”**

--CDC project officer

**“SFDPH’s research is
the envy of other
health departments”**

--Seattle/King County Health
colleague

