



SF PARTNERSHIP FOR HEALTHY CITIES

UPDATES ON BRIDGING THE DATA DIVIDE
BETWEEN HEALTH SYSTEMS AND PUBLIC HEALTH

April 26, 2019
SFBay CRN Annual Meeting

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POPULATION HEALTH DIVISION
SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH

54

Participating
cities

10

Intervention
areas

216

Million
people
covered

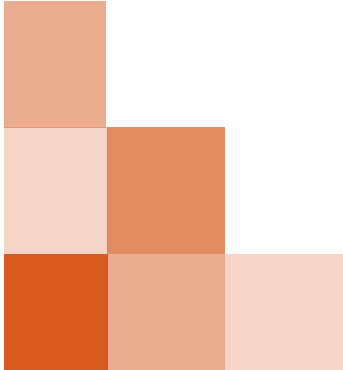
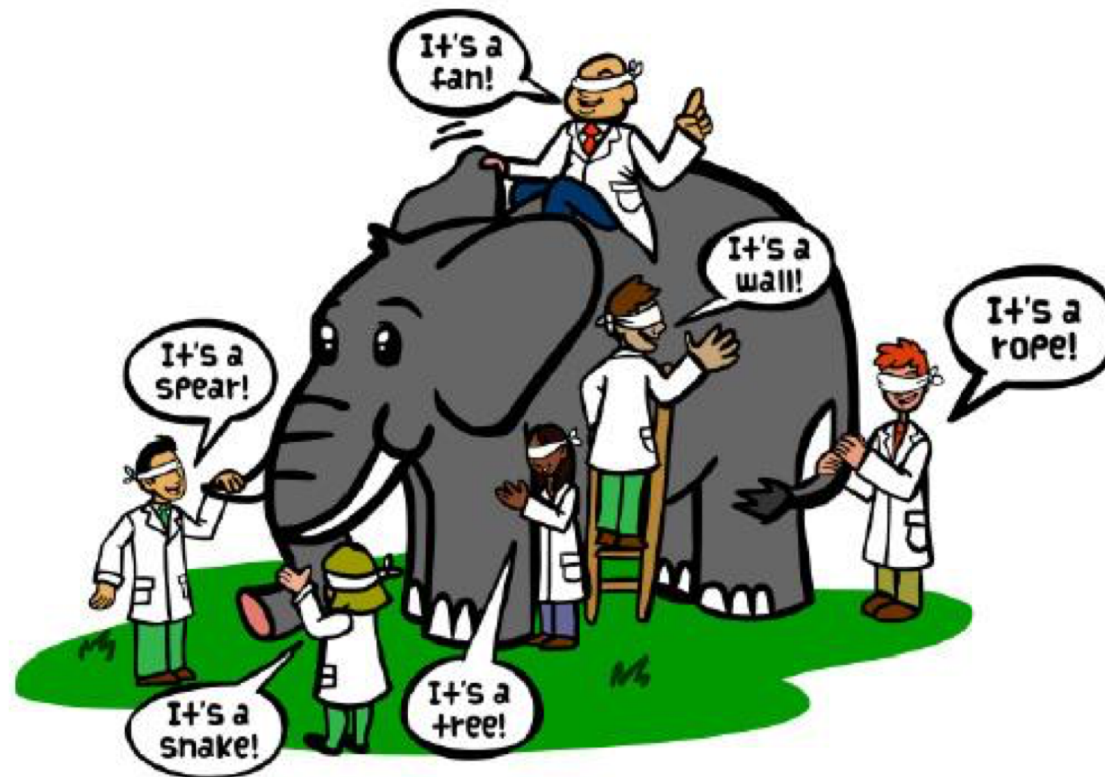
Slide 2

Partnership for Healthy Cities

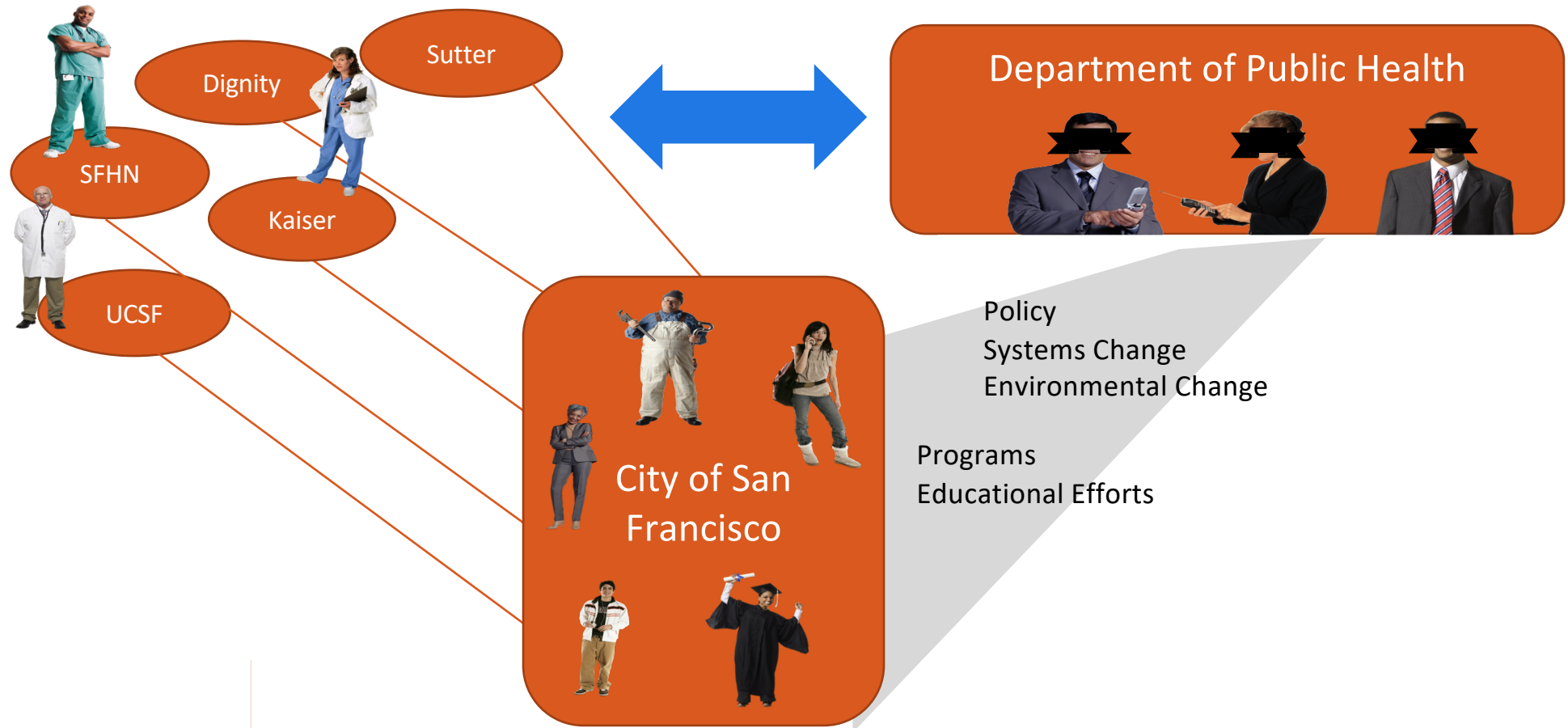
The Partnership for Healthy Cities is a prestigious global network of cities committed to saving lives by preventing noncommunicable diseases (NCDs) and injuries.



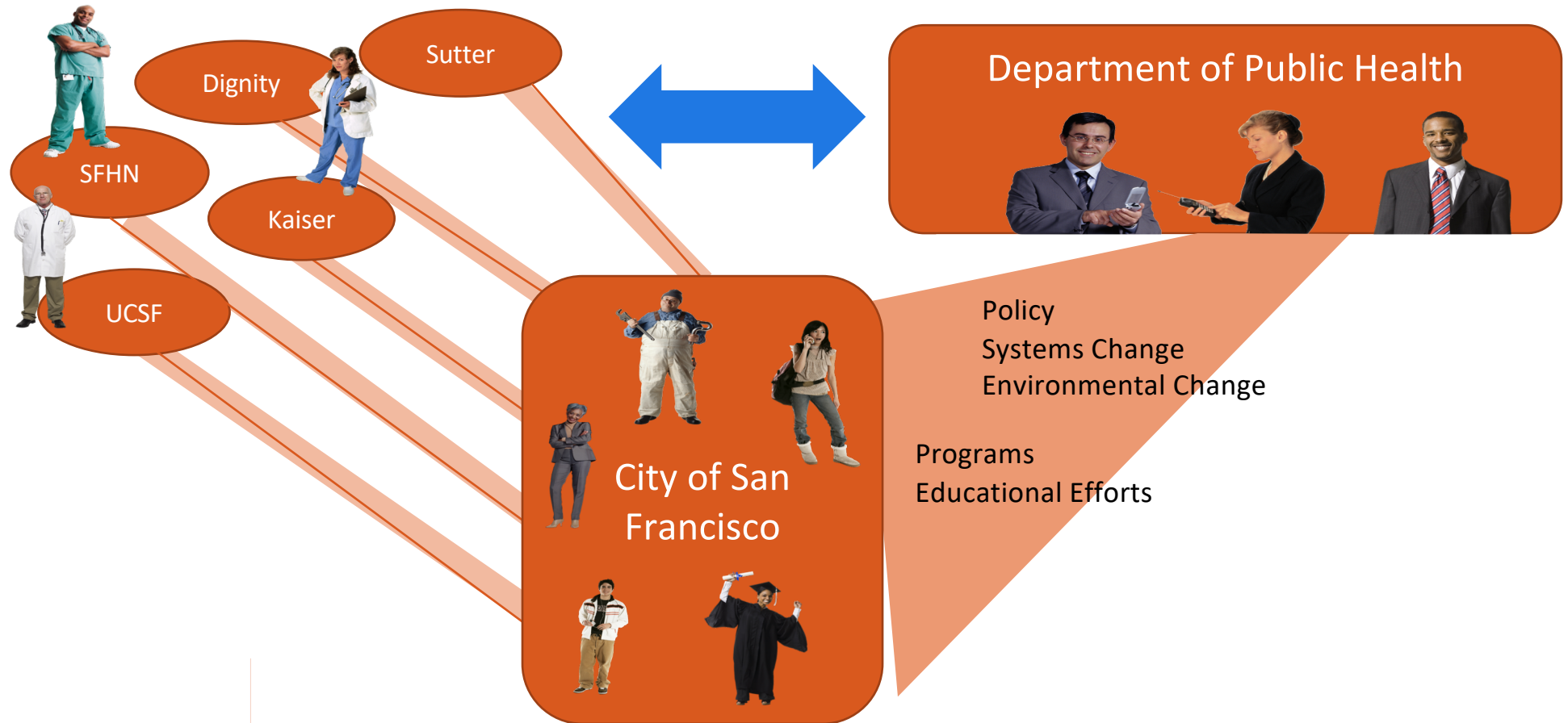
Current State of Chronic Disease Data for Public Health



FUTURE State of Chronic Disease Data for Public Health



FUTURE State of Chronic Disease Data for Public Health



Updates Since the 4th Annual SFBay CRN Meeting

- Health system engagement
 - 4 health systems have signed on
 - Master data use agreement drafted
- Public health infrastructure
 - Dedicated epidemiologist
 - Secure server space identified
- Funding
 - Additional support from Bloomberg Philanthropies
- Data!



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Hypertension Control Overlaying Neighborhood Socioeconomic Status

UCSF Population Health Data Initiative

Map created by UCSF DREAM Lab

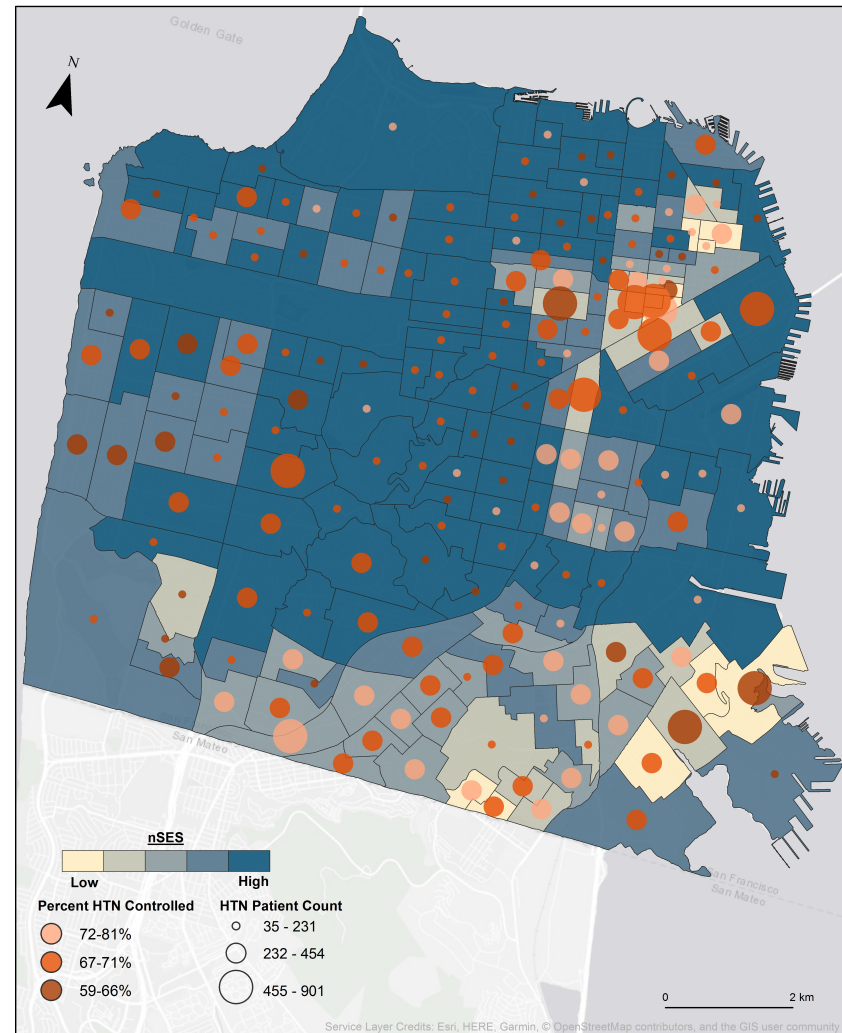
Data Sources:

California Neighborhoods Data System, Gomez et al. 2011

Census 2000 Summary File 3 Technical Documentation/prepared by
the U.S. Census Bureau, 2002.

American Community Survey. 2011. Available from:

<http://www.census.gov/programs-surveys/acs/data.html>

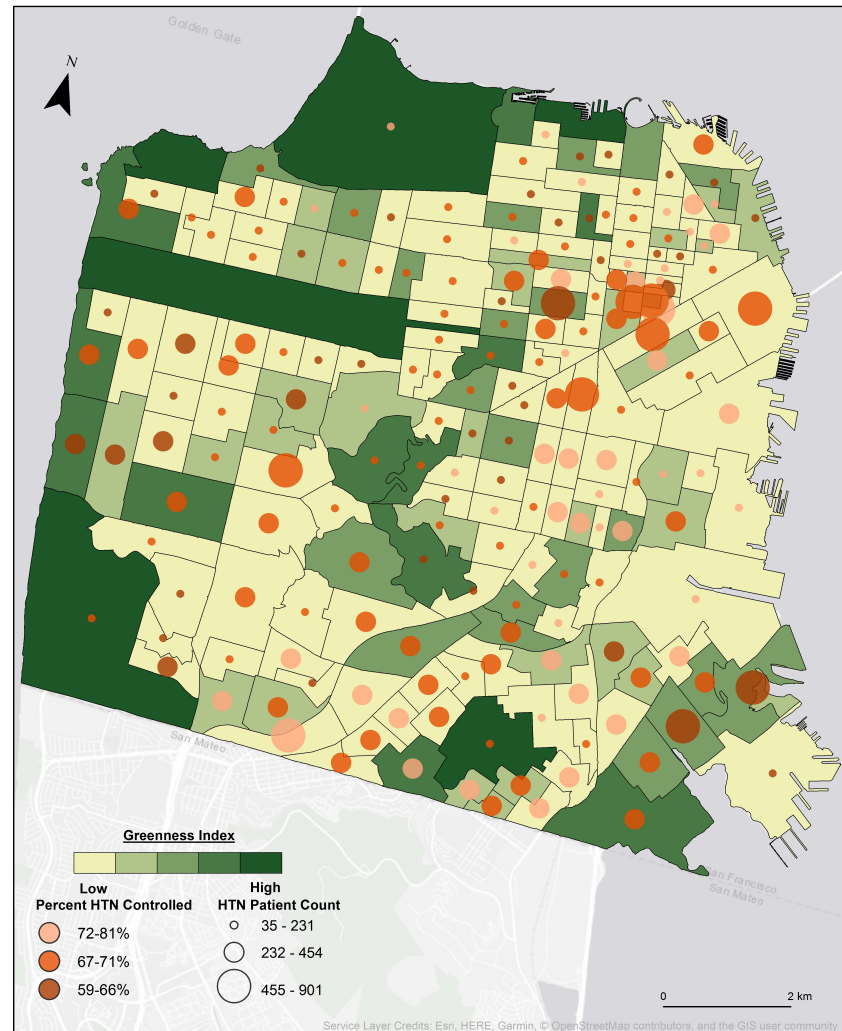


Hypertension Control Overlaying Greenness

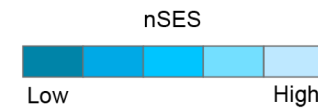
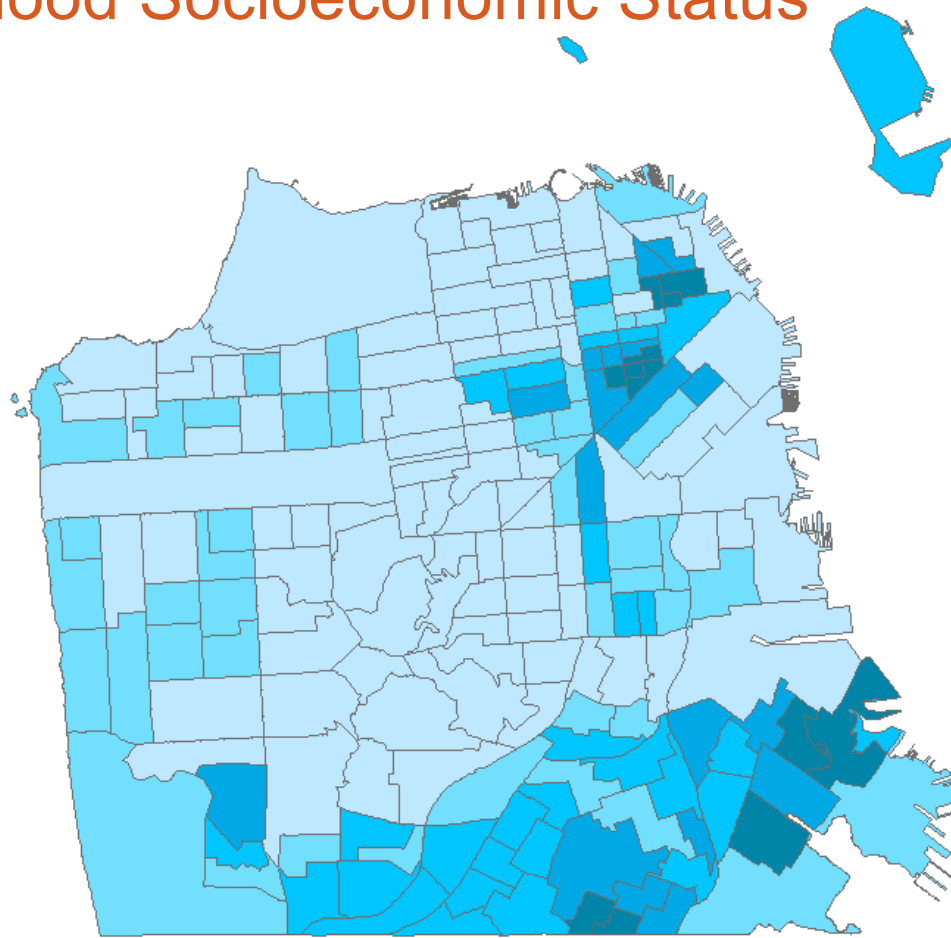
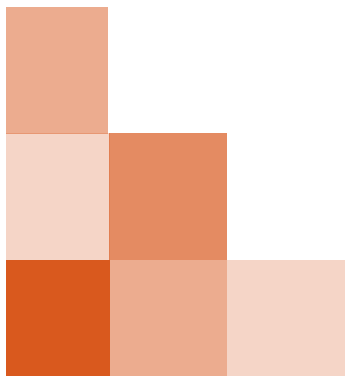
UCSF Population Health Data Initiative

Map created by UCSF DREAM Lab

Data Sources:
California Neighborhoods Data System, Gomez et al. 2011
Greeninfo Network. California Protected Areas Data Portal. 2014;
Available from: www.calands.org/

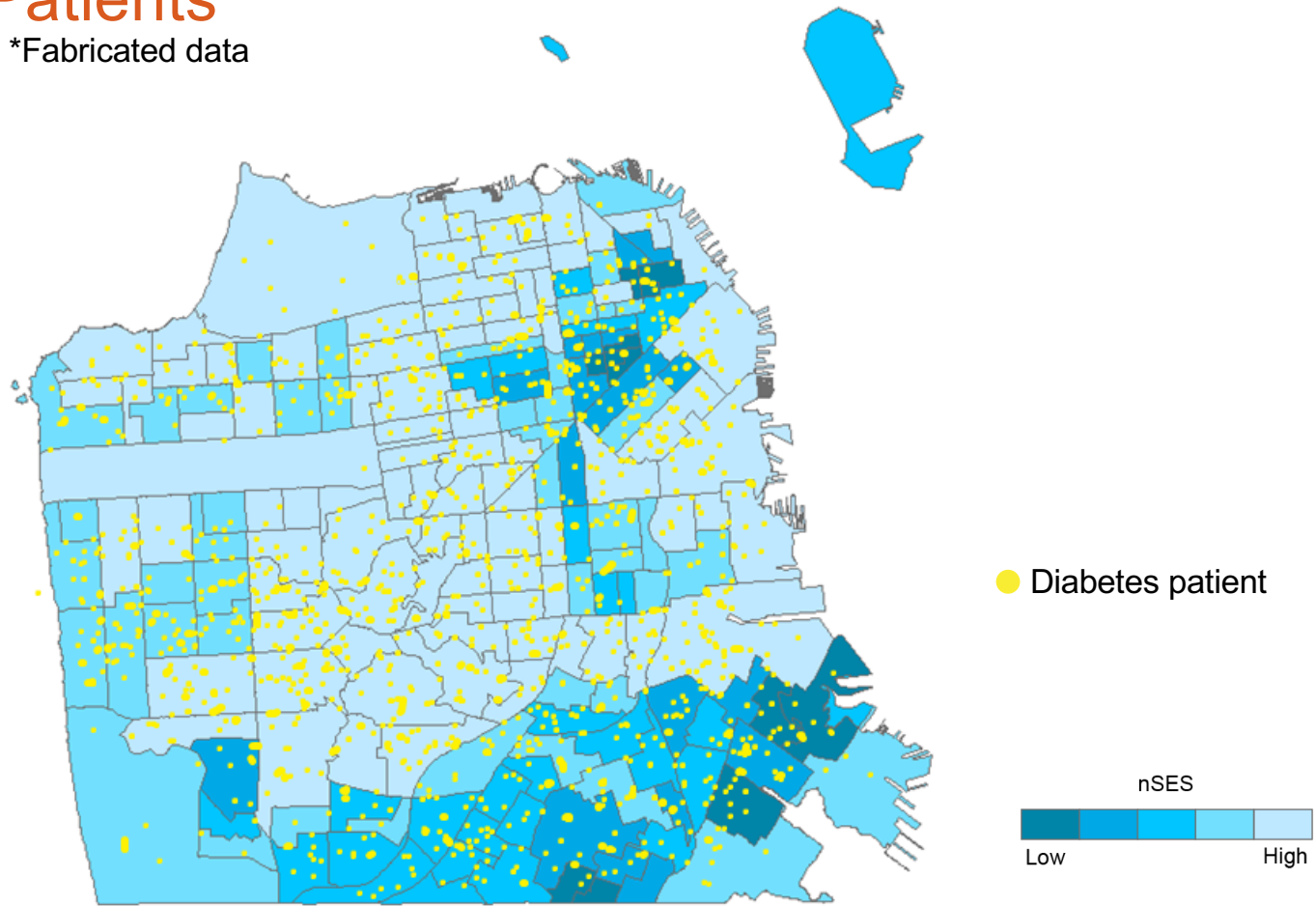
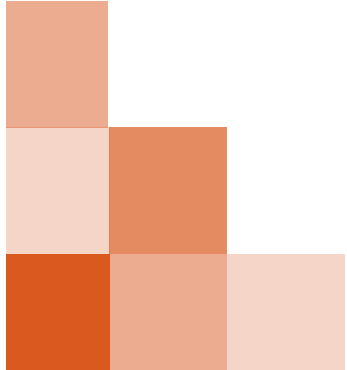


Neighborhood Socioeconomic Status



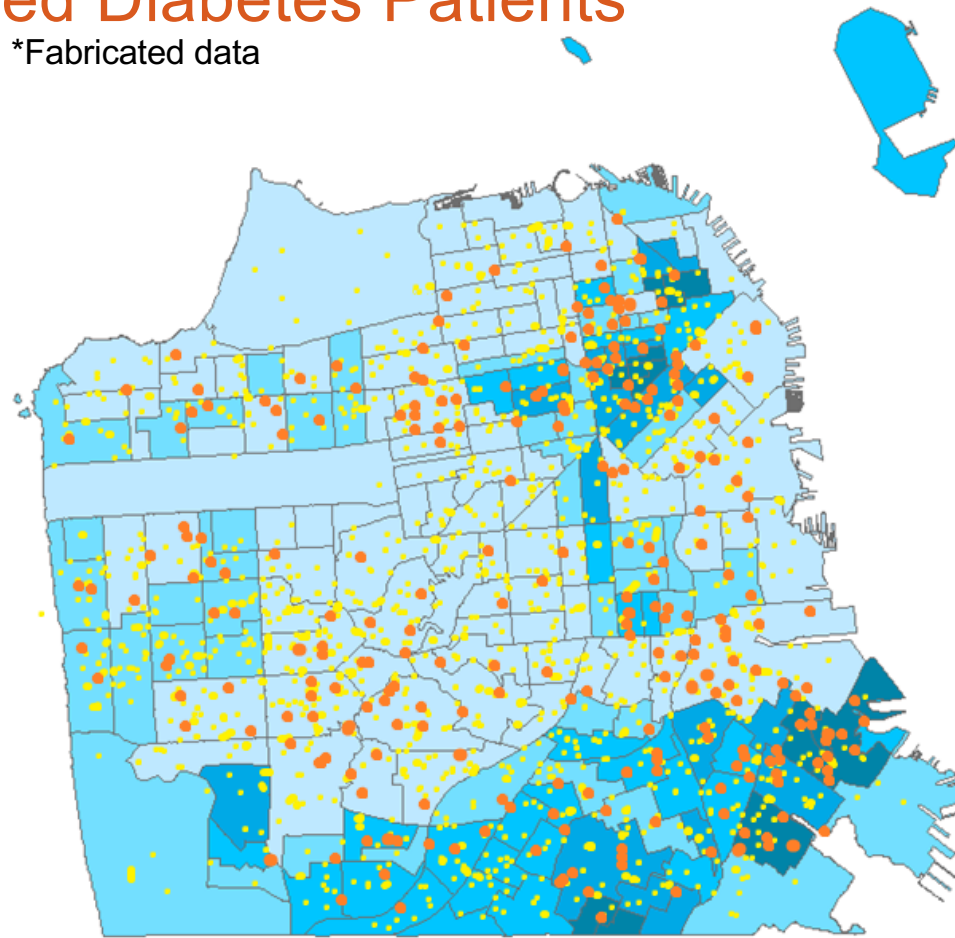
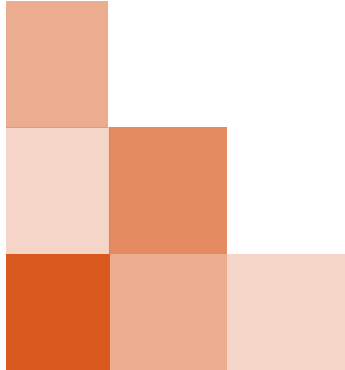
Diabetes Patients*

*Fabricated data

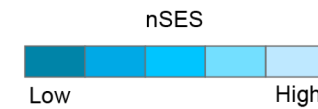


Uncontrolled Diabetes Patients*

*Fabricated data

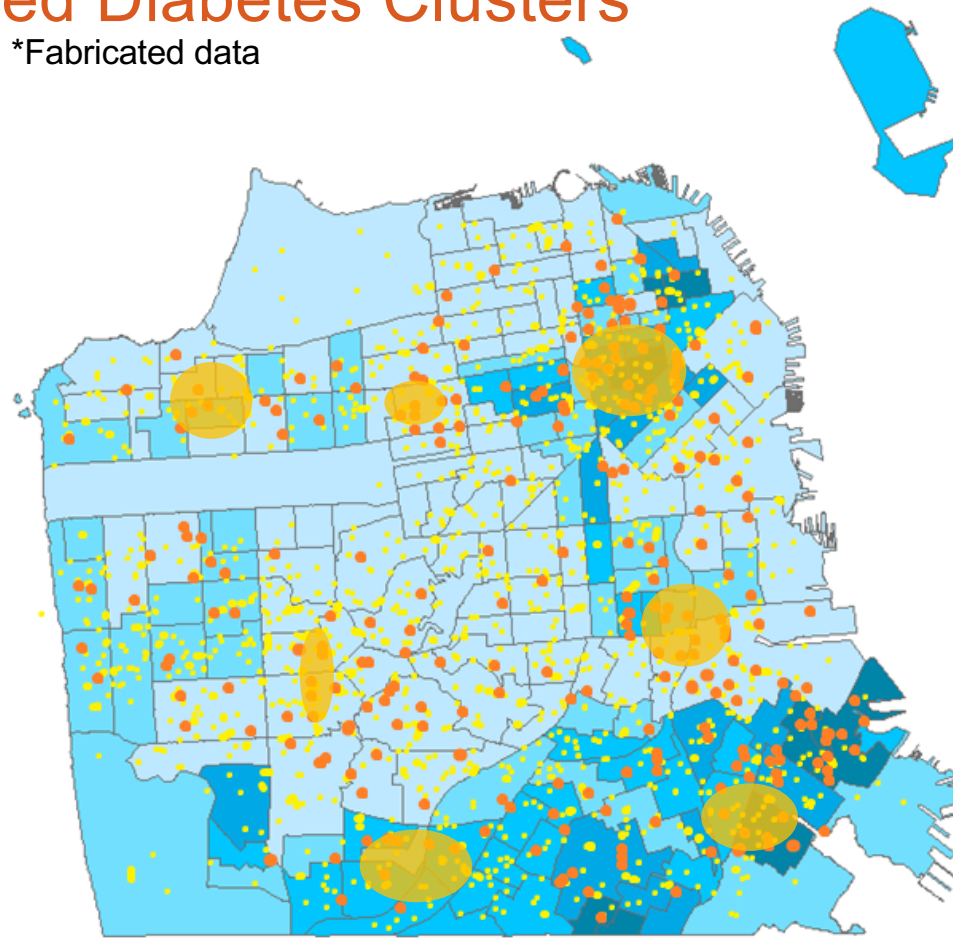
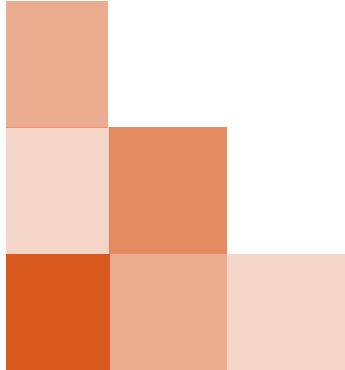


- Diabetes patient
- Uncontrolled diabetes patient

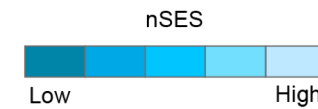


Uncontrolled Diabetes Clusters*

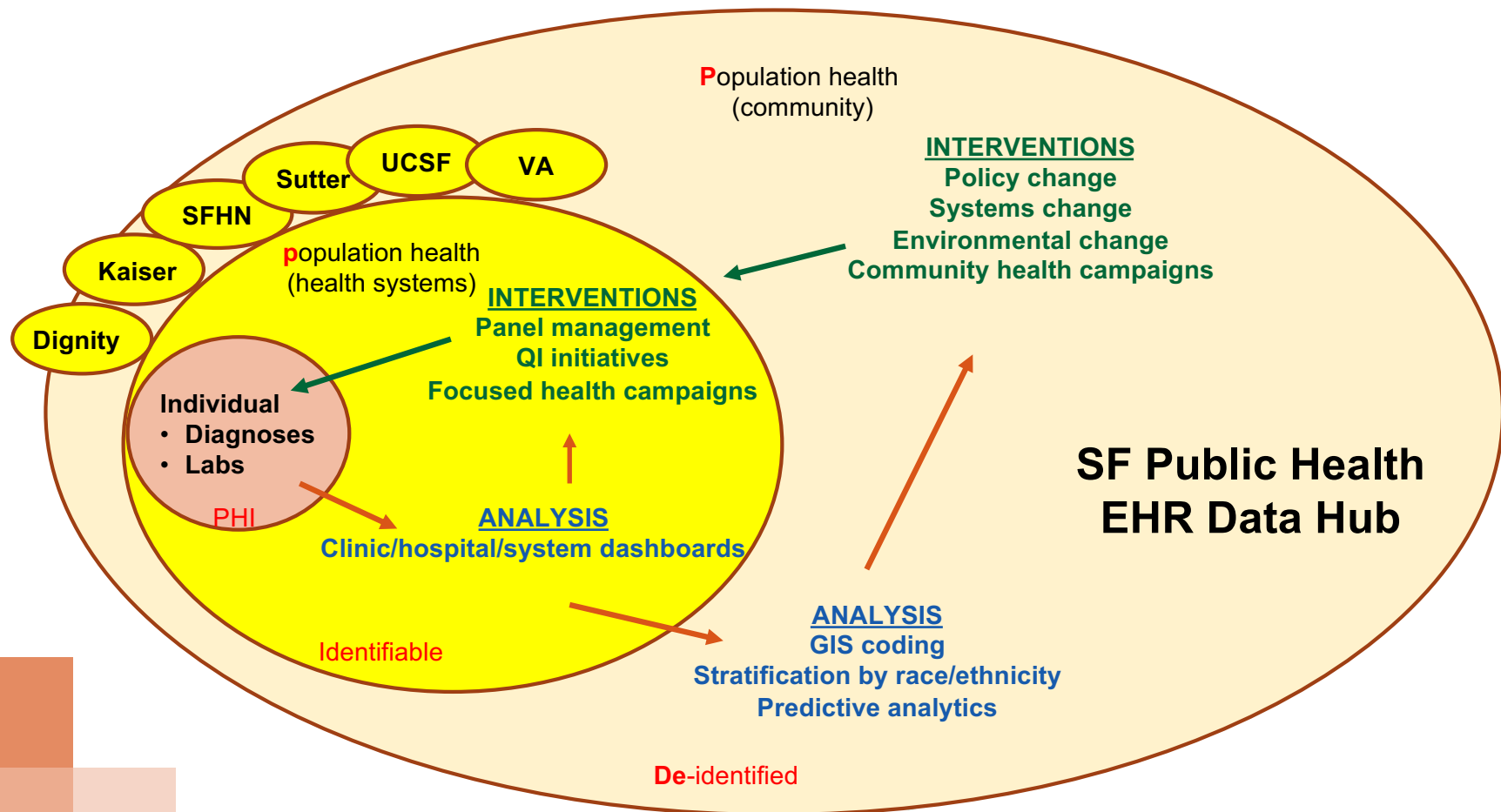
*Fabricated data



- Diabetes patient
- Uncontrolled diabetes patient



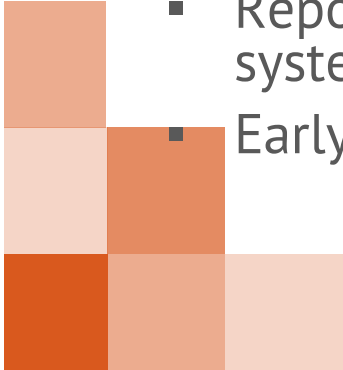
SFDPH Partnership for Healthy Cities Data Hub



Adapted from Michael Stacey, MD MPH

Bridging the Data Divide Between Health Systems and Public Health

- Better targeting of public health efforts
 - Sunday Streets fairs that encourage outdoor activities and community engagement
 - Wellness policies in childcare facilities
- Facilitate connection of public health programs to specific registry of patients
 - Exercise prescriptions/referrals to free exercise programs
 - Connection to food programs
 - Distribution of smoking quit kits
- Reporting of aggregate data back to health systems to support health system-specific population health initiatives
- Early detection of trends in chronic disease



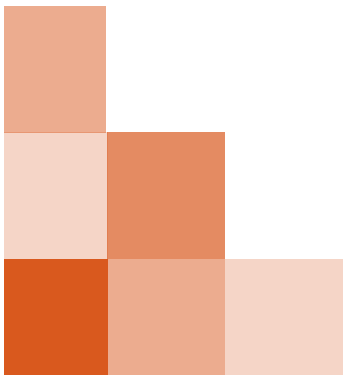
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In November of 2016, San Francisco City voters passed Proposition V, a measure that calls for a 1¢ per fluid ounce tax on sugary drinks – including syrups, and powders that can be made into sugary drinks. Distributors of sugary beverages, syrups, and powders in San Francisco are responsible for paying the Tax. The Tax has been collected since January 1, 2018.

Next steps

- Pilot interventions with 2-4 health systems
 - Collaborative Advisory Committees
- Hiring project manager and informatics lead
- Approval of data use agreements
- Continue to onboard additional health systems



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An aerial photograph of San Francisco, showing a dense urban landscape with numerous buildings. The Transamerica Pyramid is a prominent feature in the center-left of the image. The sky is overcast and grey.

Questions? Comments? Join our efforts!

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