



SAN FRANCISCO CHINATOWN NEIGHBORHOOD HEALTH CONDITIONS AND STATUS

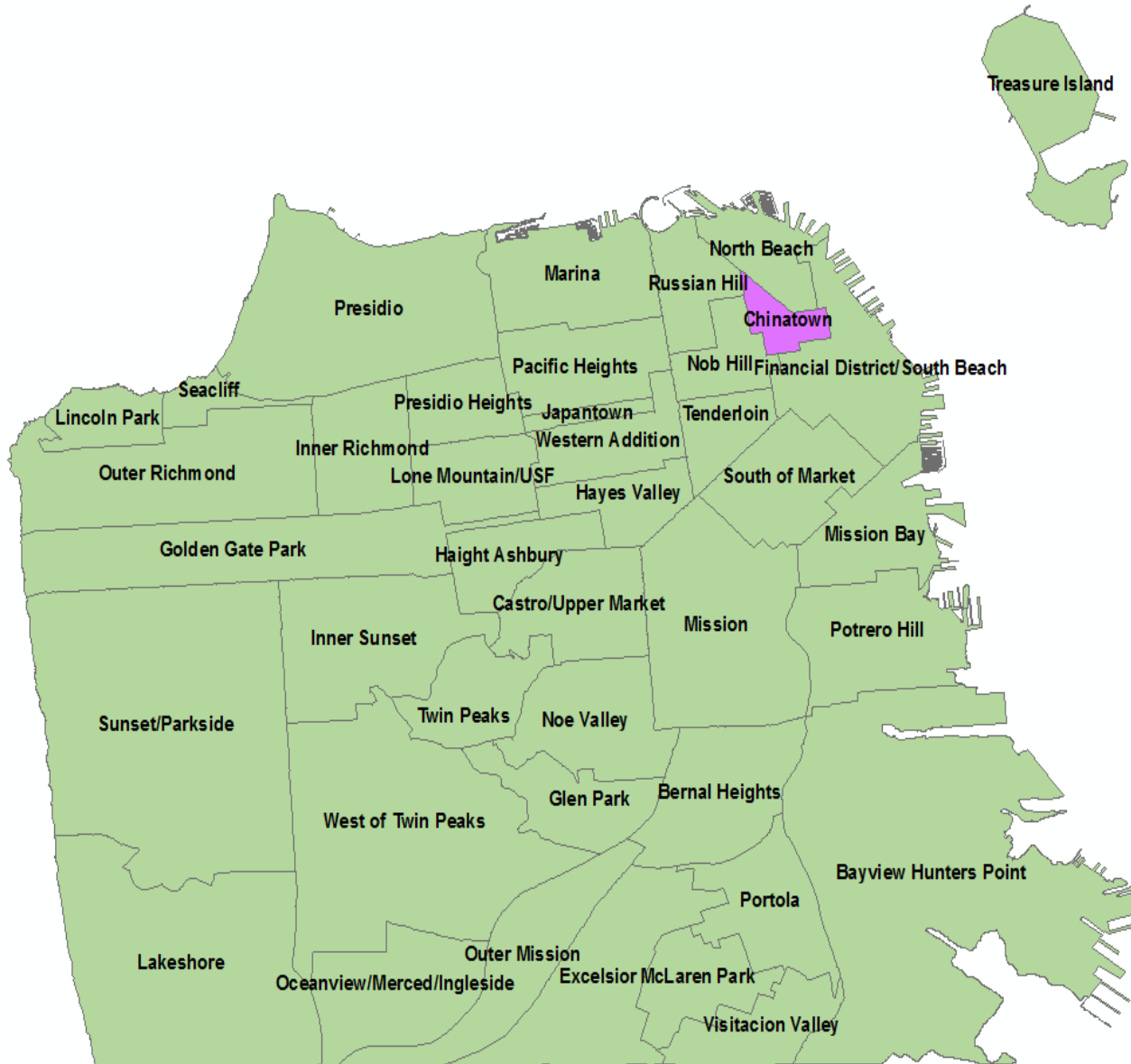


Jason Xu
Health Commission Meeting
Chinatown
August 20th, 2019



POPULATION HEALTH DIVISION
SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH

San Francisco Chinatown Neighborhood



- **Population:** 14,818
- **District 3:** Chinatown, North Beach, Fisherman's Wharf, Polk Gulch, Union Square/Financial District and Russian, Nob and Telegraph Hills
- **Zip Codes:** 94108, 94133, 94111

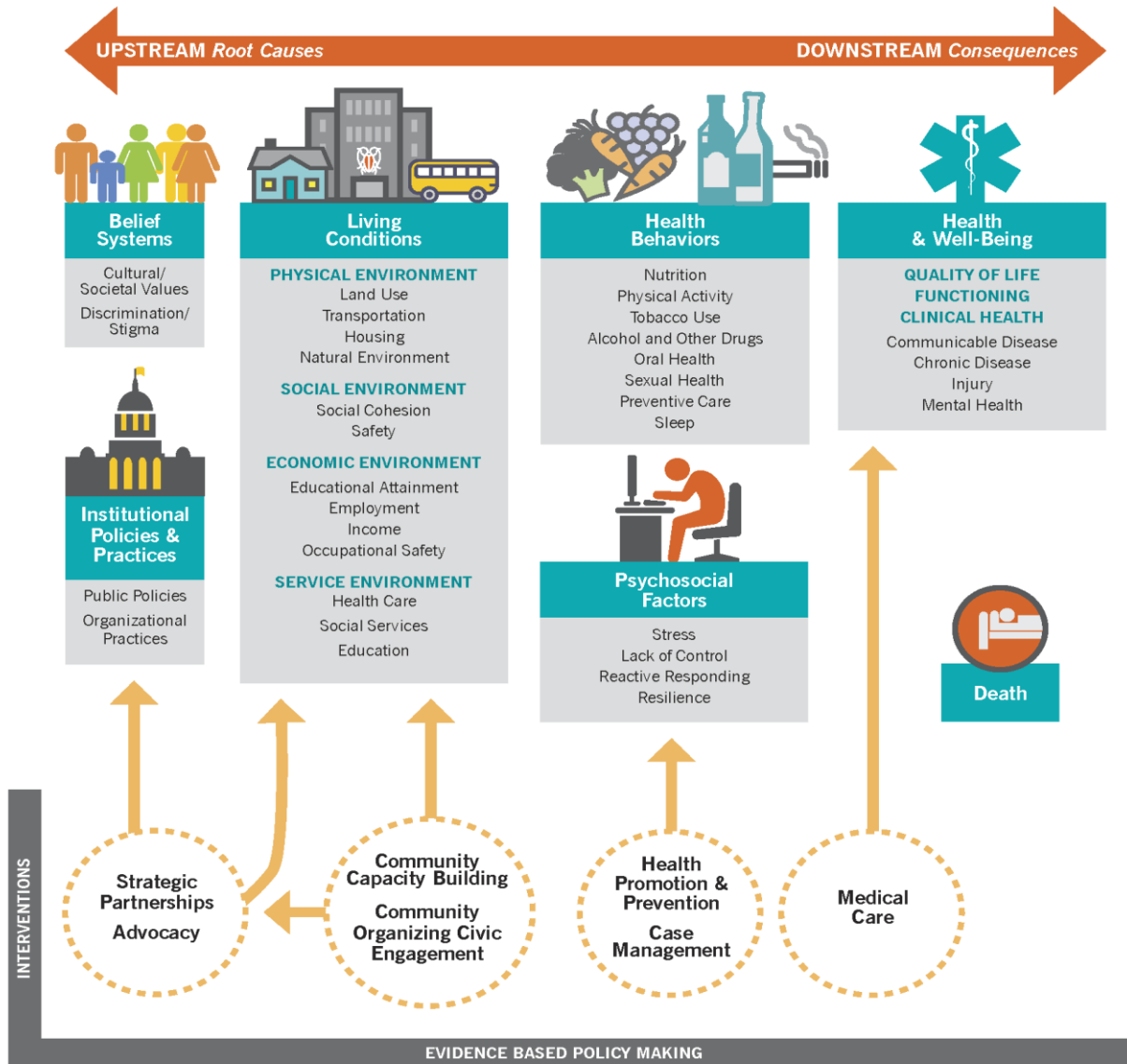


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Source: American Community Survey 2012-2016

Framework for Assessing Neighborhood Health

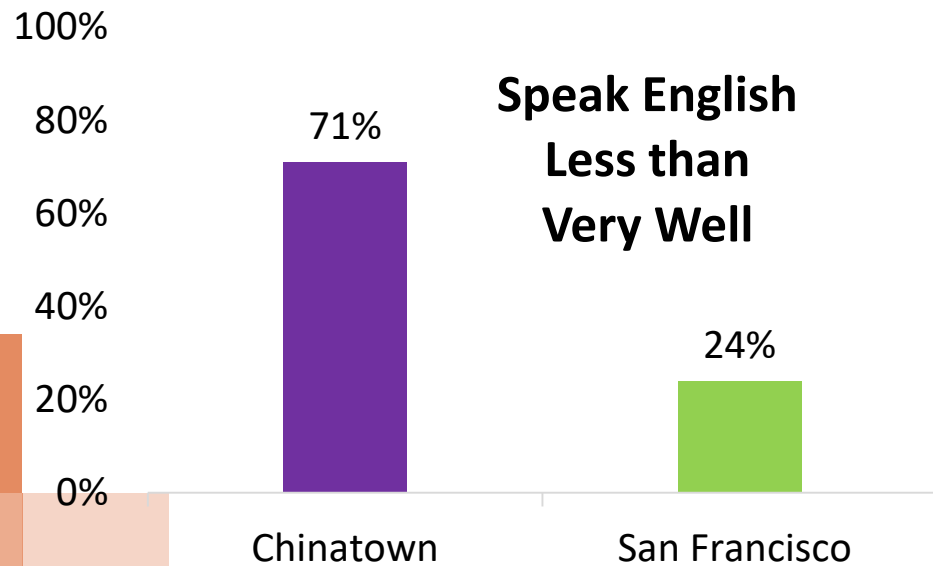
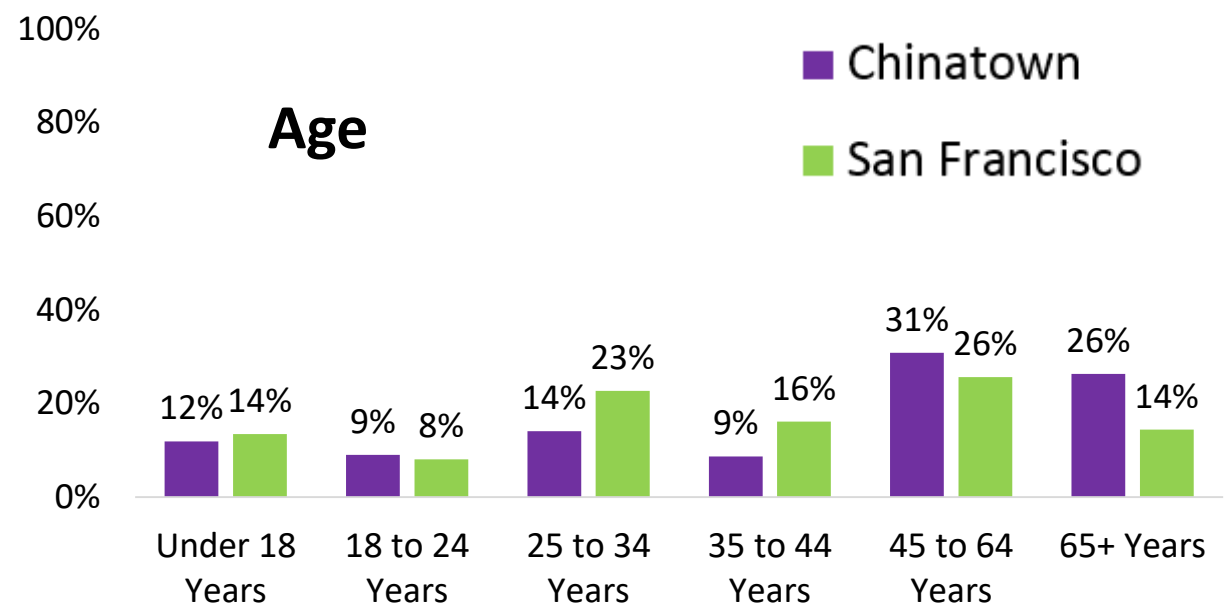
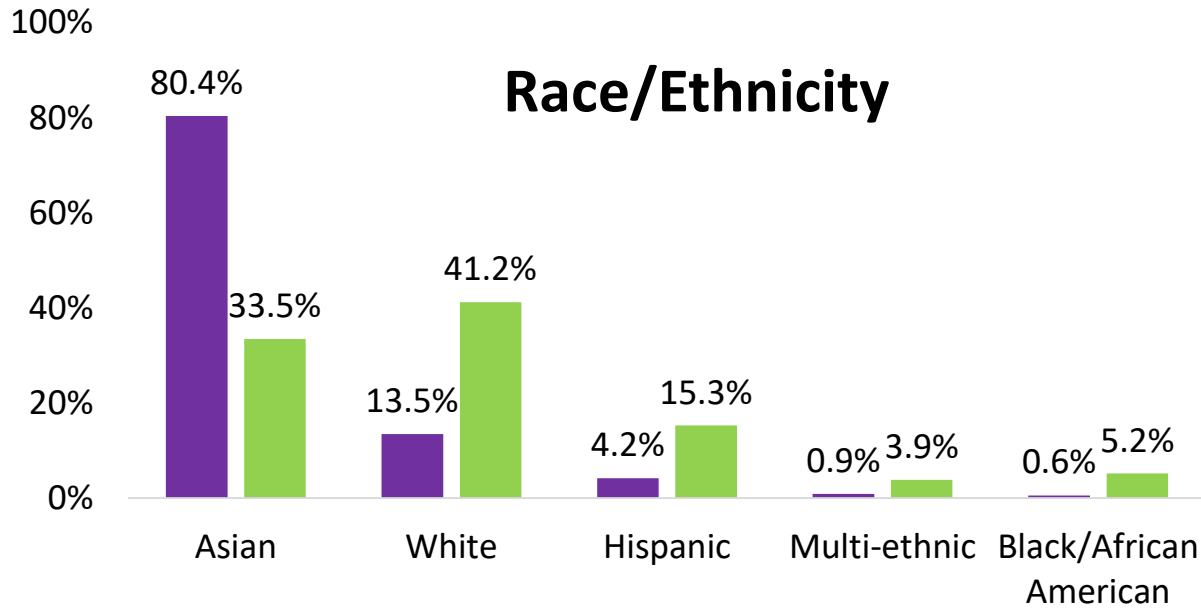
SAN FRANCISCO FRAMEWORK FOR ASSESSING POPULATION HEALTH AND EQUITY



- Demographic and Socioeconomic
- Living Conditions
- Health and Wellbeing



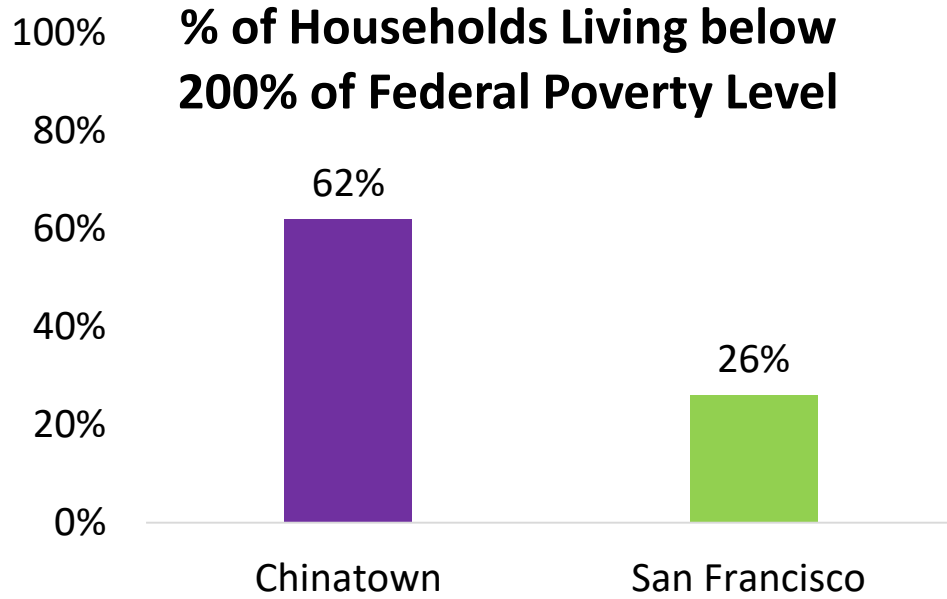
Demographic



Chinatown has a higher percentage of Asian residents, older population and a higher proportion of residents that speak English less than very well.



Socioeconomic



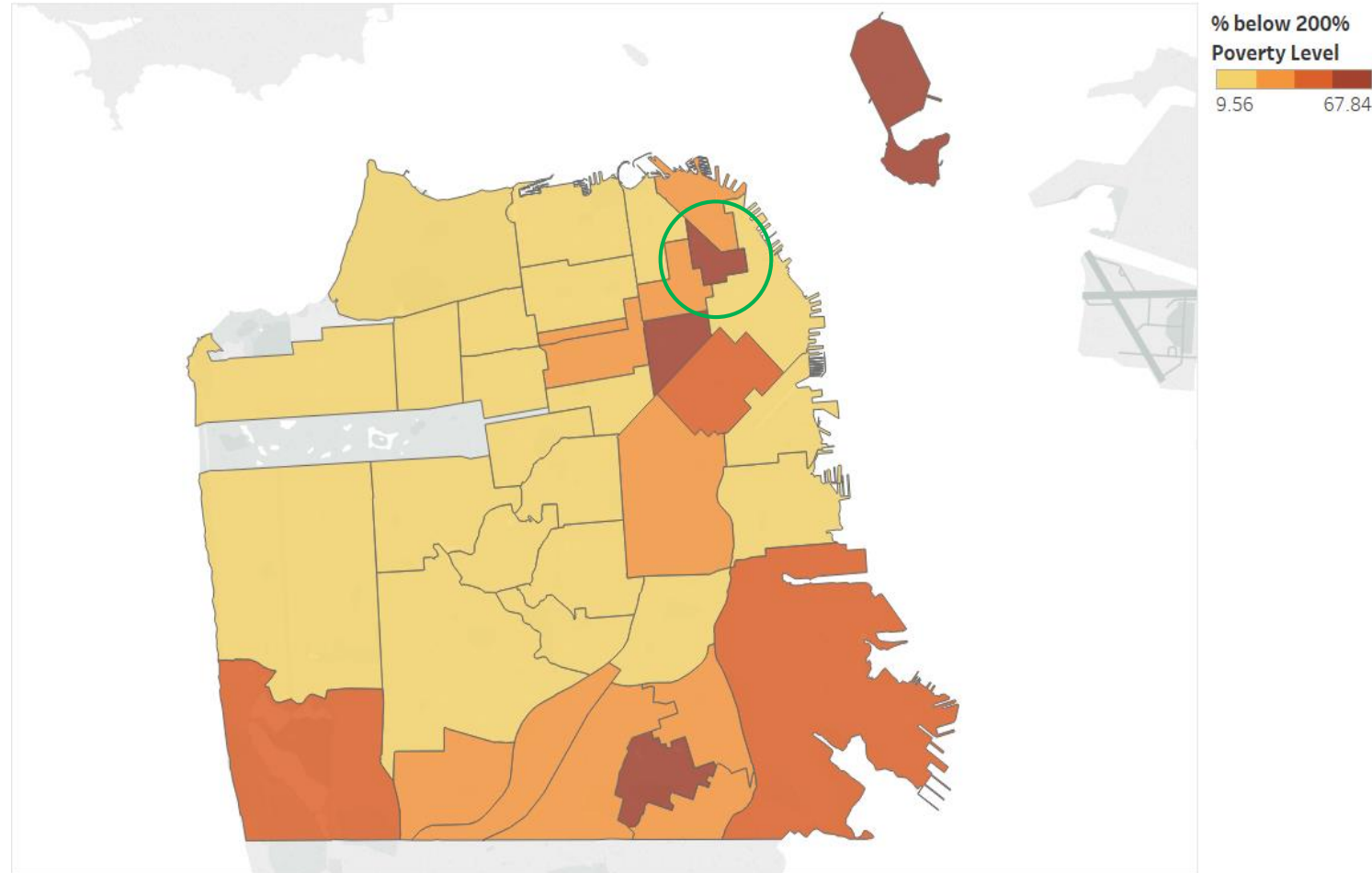
Median Household Income

Chinatown: \$21,000

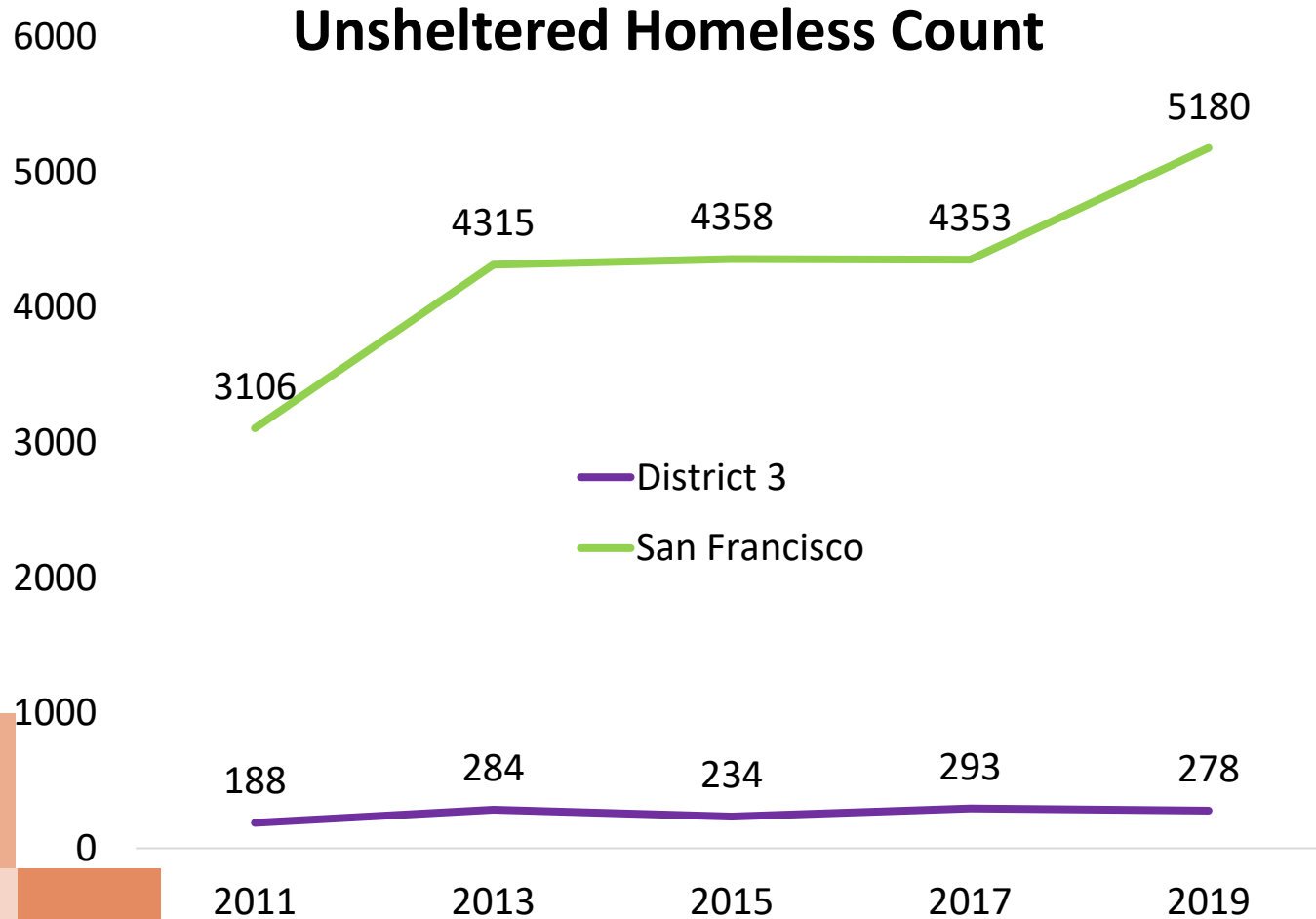
San Francisco: \$88,000

Chinatown is one of the most economically disadvantaged neighborhoods.

Percent of Households Living below 200% of the Federal Poverty Level by Neighborhood, San Francisco, 2012-2016



Living Conditions – Homelessness



Percent of Total Unsheltered Homeless Population
District 3: 5%

The size of unsheltered homeless population in district 3 has been stable around 270 in recent years despite of the increasing unsheltered homeless population in the whole city.



Living Conditions - Housing

- **Percent of the households pay 50% or more of their income to rent**

Chinatown: 30%

San Francisco: 20%

- **Percent of the households own their home**

Chinatown: 6%

San Francisco: 37%

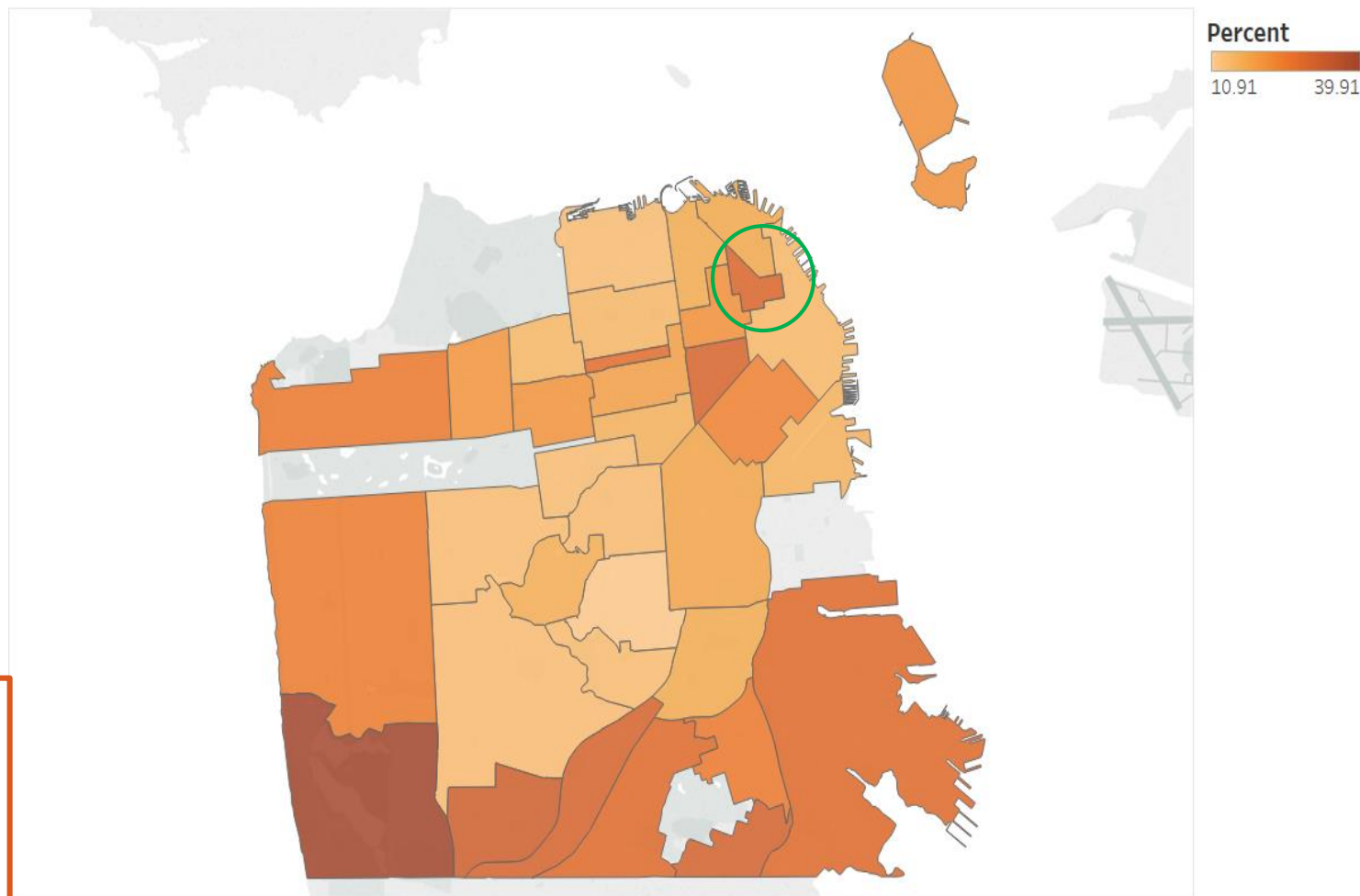
- **Percent of the households are overcrowded (> 1 people per habitable room).**

Chinatown: 29%

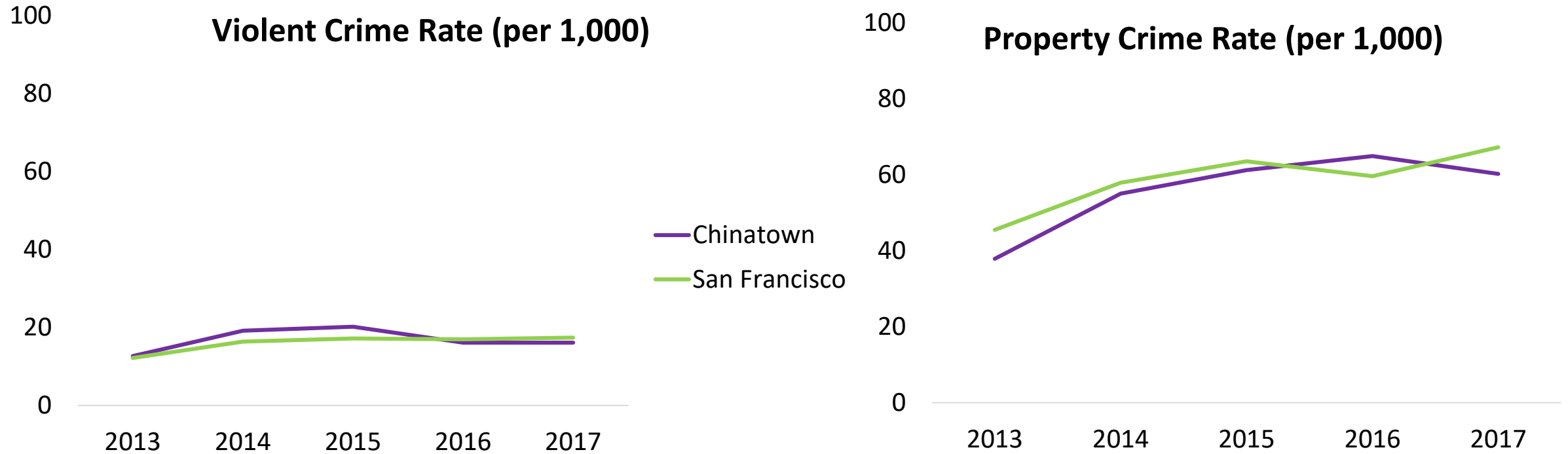
San Francisco: 6%

Chinatown has one of the largest rent burden, the most overcrowded housing and the lowest percentage of property ownership.

Percent of Households Paying 50% or More of Their Income to Rent by Neighborhood, San Francisco, 2012-2016



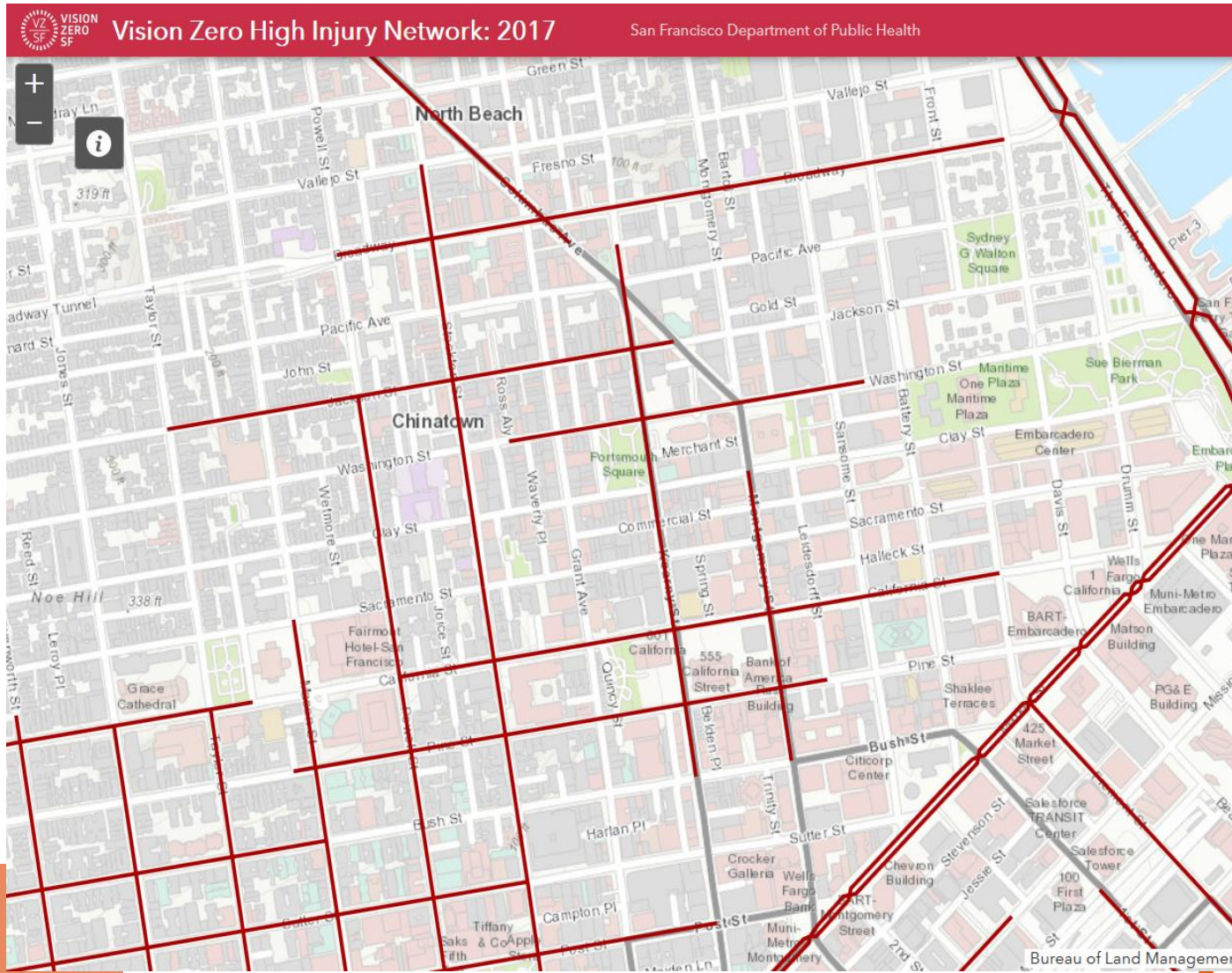
Living Conditions – Crime and Safety



- **The violent crime rate in Chinatown is close to San Francisco average and it was fairly stable in 2013-2017.**
-
- **The property crime rate is generally lower than San Francisco average but it increased by 60% in 2013-2017.**



Living Conditions – Transportation Hazards



- **Percent of Residents Living in Areas with the Highest (Top 20%) Local Traffic Density**
Chinatown: 71%
San Francisco: 30%
- **Severe and Fatal Transportation Related Injuries per 100 Road Miles**
Chinatown: 128
San Francisco: 99

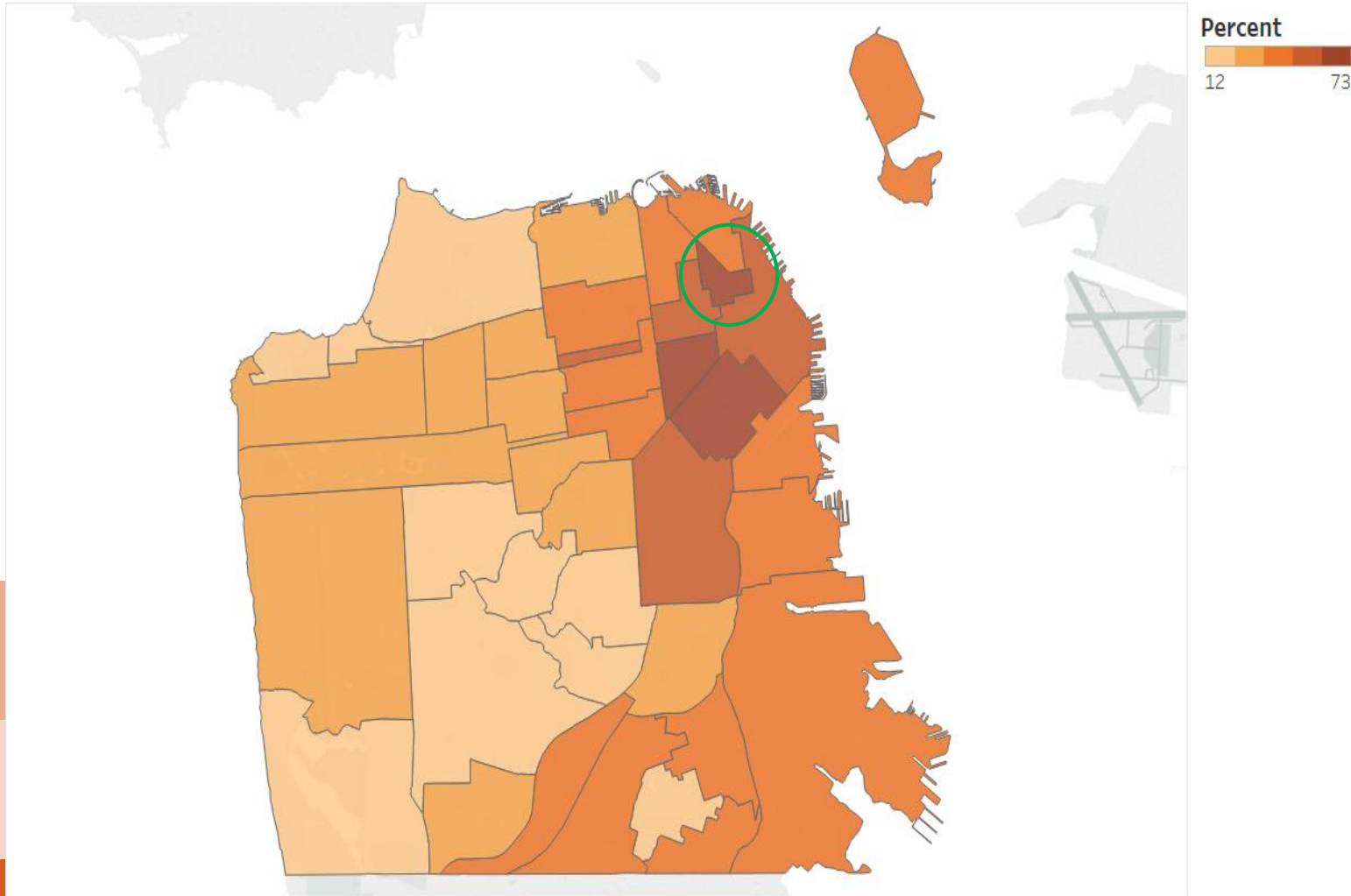
Stockton, Kearny, Jackson and other streets in Chinatown are on the Vision Zero High Injury Network – the 13% of the city streets where 75% of severe and fatal traffic injuries occur.

Source: San Francisco County Transportation Authority 2012; San Francisco Transportation-Related Injury Surveillance System(TISS) 2013-2015; San Francisco Vision Zero 2017



Living Conditions – Heat Vulnerability

Percent of Land-area in High or Very High Heat Vulnerability Zones by Neighborhood, San Francisco, 2013



Heat Vulnerability Index:

San Francisco Climate and Health Program uses socioeconomic and demographic, exposure, health, and infrastructure indicators to communities most likely to be affected by the health impacts of extreme heat.

Chinatown has the highest Heat Vulnerability Index among all the neighborhoods and 73% of the land-area are in high or very high vulnerability zones.



Health and Wellbeing - Mortality

Leading Cause of Death, 2012-2016

Rank	Chinatown	San Francisco
1	• Lung Cancer	• Ischemic Heart Diseases
2	• Ischemic Heart Diseases	• Cerebrovascular Disease
3	• Cerebrovascular Disease	• Lung Cancer
4	• Chronic Obstructive Pulmonary Disorder	• Alzheimer's Disease
5	• Hypertensive Disease	• Hypertensive Disease
6	• Alzheimer's Disease	• Chronic Obstructive Pulmonary Disorder

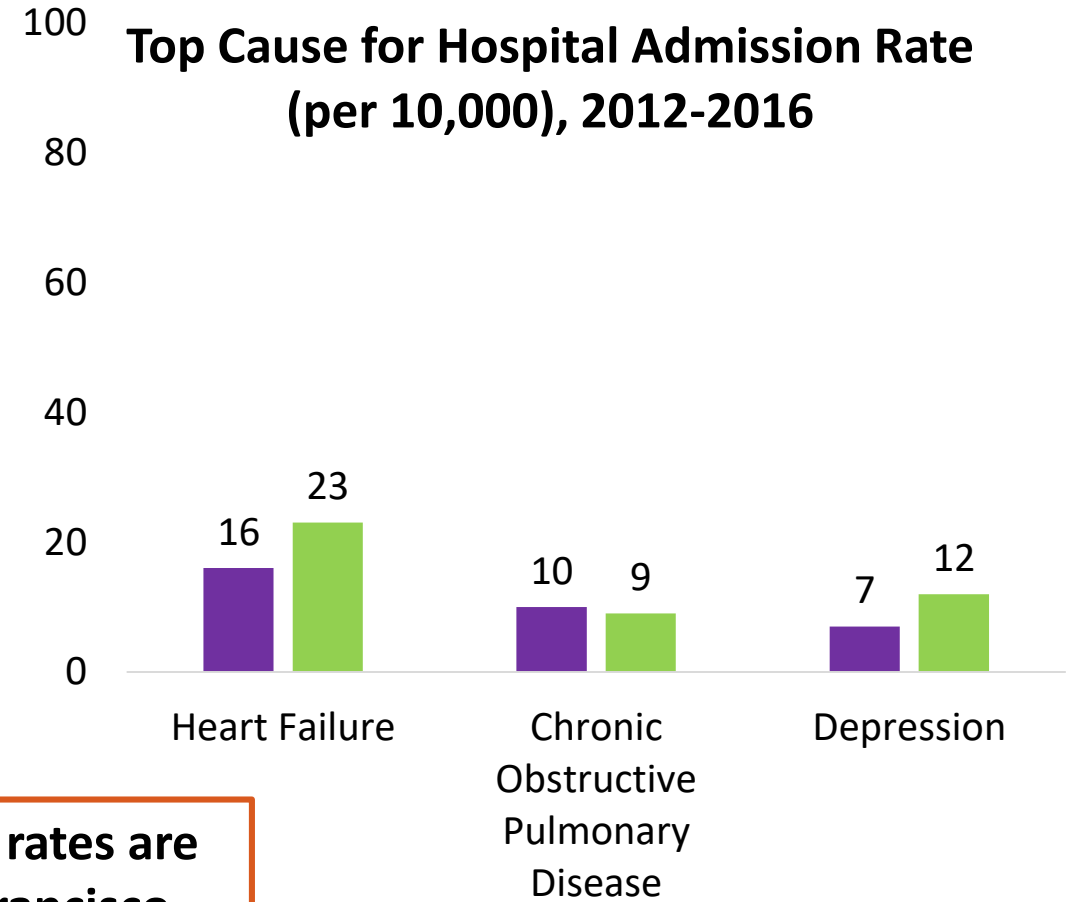
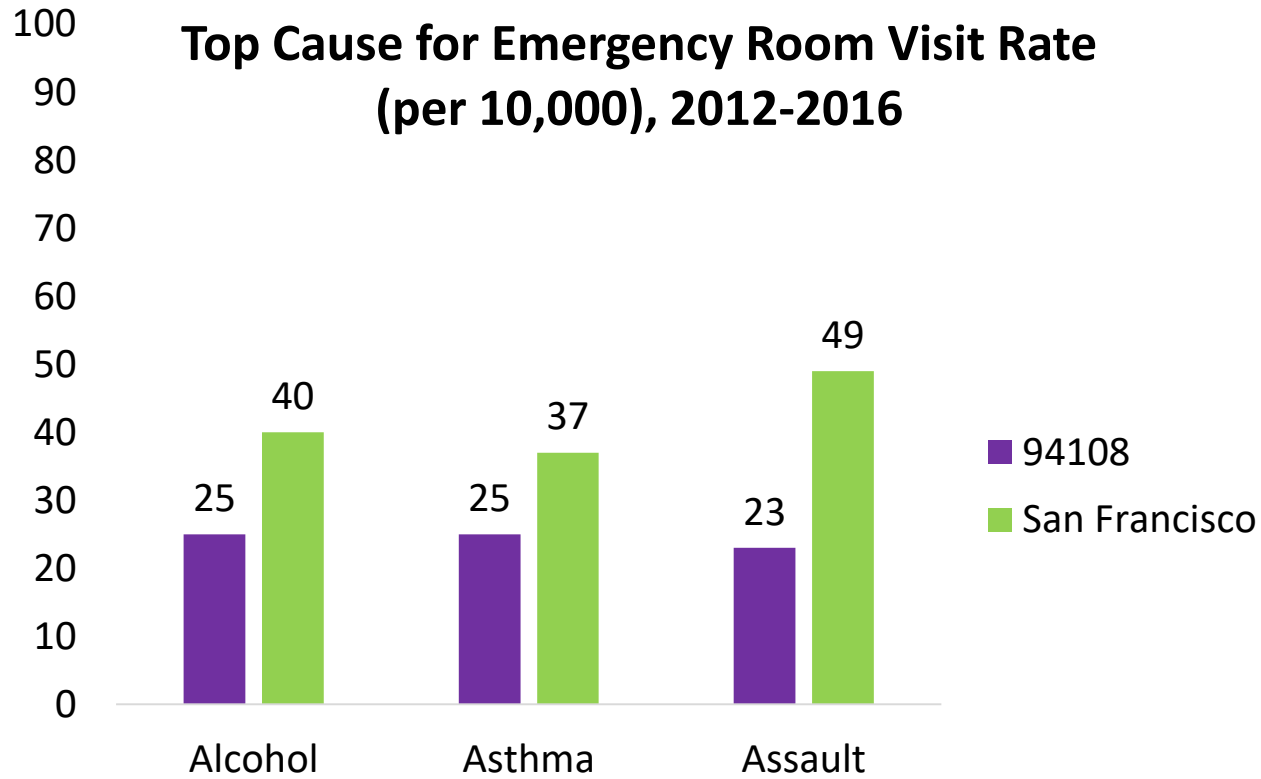
Death Rate per 100,000

- **Lung Cancer:**
Chinatown: 44
San Francisco: 30
- **Cerebrovascular Disease:**
Chinatown: 42
San Francisco: 31
- **Chronic Obstructive Pulmonary Disorder:**
Chinatown: 27
San Francisco: 18

Mortality Pattern in Chinatown are similar to San Francisco overall. However, Chinatown has one of the highest death rates due to lung cancer, cerebrovascular disease and chronic obstructive pulmonary disorder.



Health and Wellbeing – Morbidity



The emergency room visit and hospital admission rates are generally lower in zip code 94108 area than San Francisco overall. It could be because of lack of access to care, high healthcare cost and concerns about immigration status.



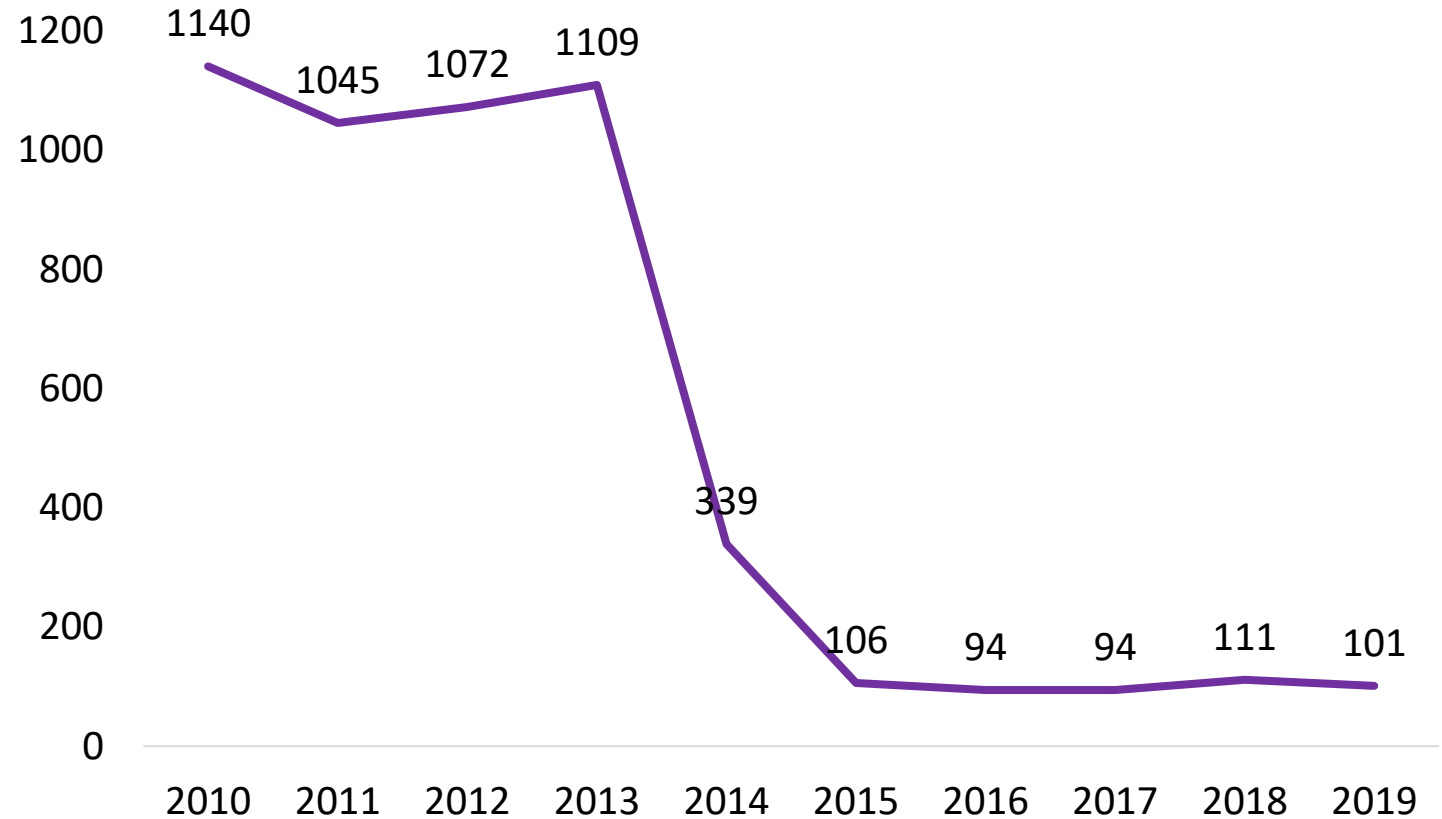
Health and Wellbeing – Health Insurance

Percent of Residents without Health Insurance (2012-2016)

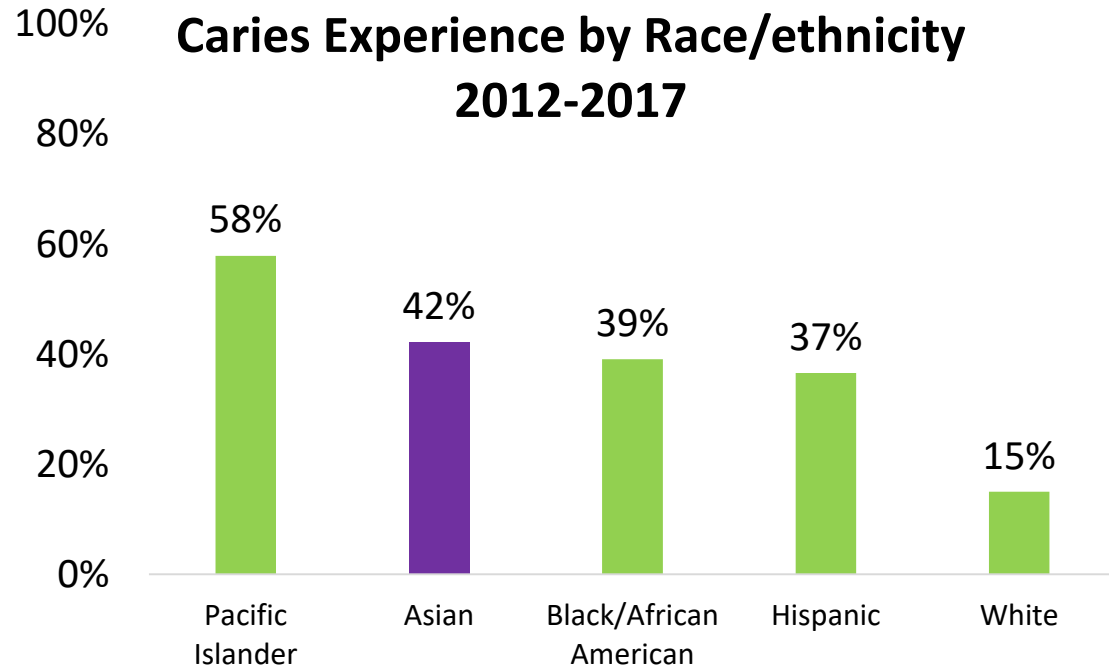
Chinatown: 8.8%
San Francisco: 6.9% (3.3% in 2016 alone)

More San Francisco residents have health insurance as a result of Affordable Care Act (ACA) and the overall percent of residents without health insurance dropped to 3.3% in 2016. However, Chinatown still has one of the highest percentages of residents without health insurance.

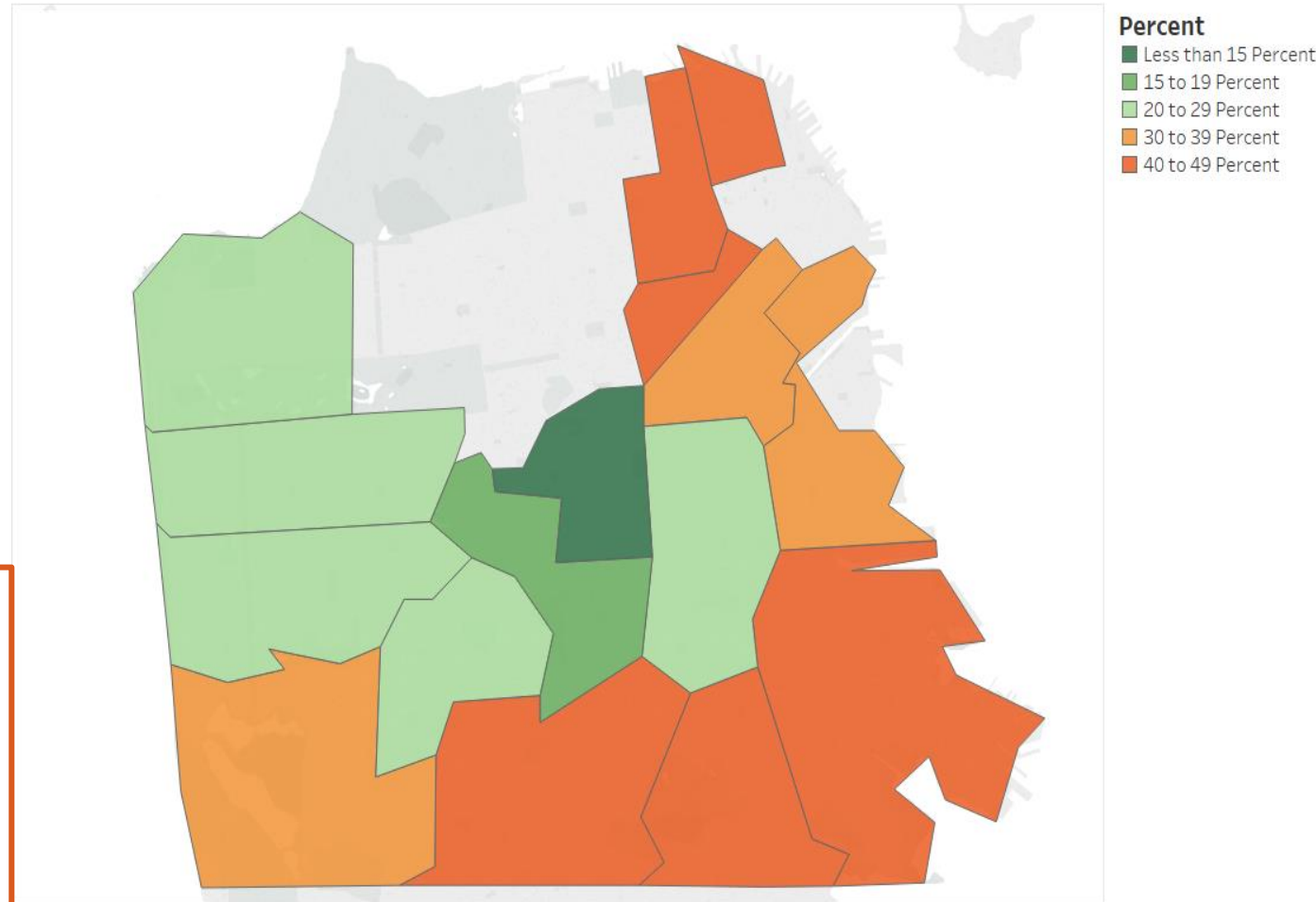
Number of Residents in 94108 Enrolled in Healthy SF



Health and Wellbeing – Children’s Oral Health Slide 14



Percent of SFUSD Kindergartener with Caries Experience by Zip Code, 2012-2017



SFUSD kindergarteners of color or from low-income areas are more likely to have caries experience than white kindergartener or those from high-income areas. Asian kindergartners have the second highest rate of caries among all the ethnic groups.



Thank you!

Jason Xu
Epidemiologist
Population Health Division
jason.xu@sfdph.org

