



San Diego Hearts

Regional Variation Analysis Coronary Heart Disease

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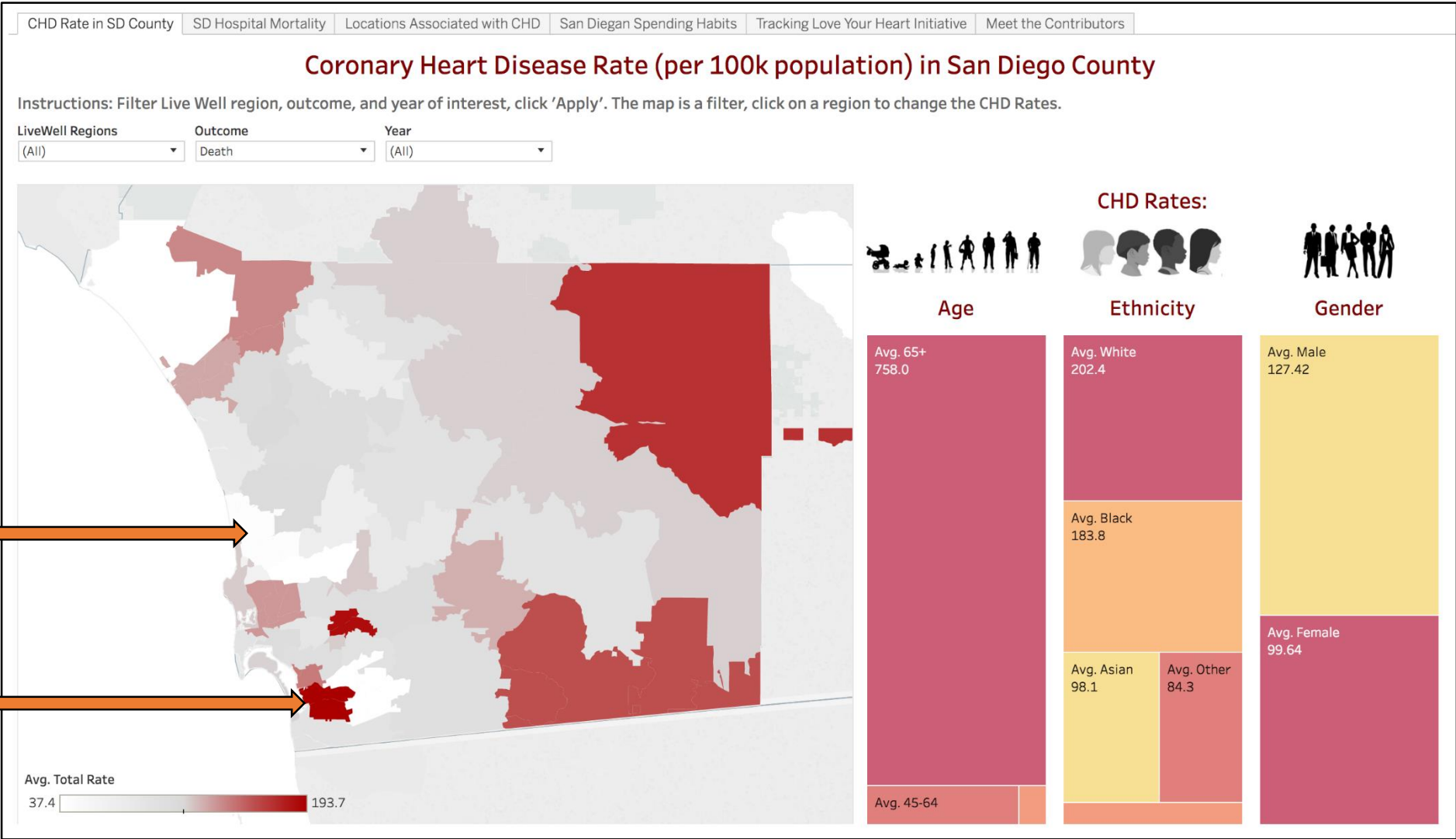
Team 203 DataPros

Regional Variation Analysis

- Total Cases for:
- United States: 801,000
 - California: 78,000
 - San Diego: 3,229

Del Mar-Mira Mesa
(Least cases)

Chula Vista
(Most cases)

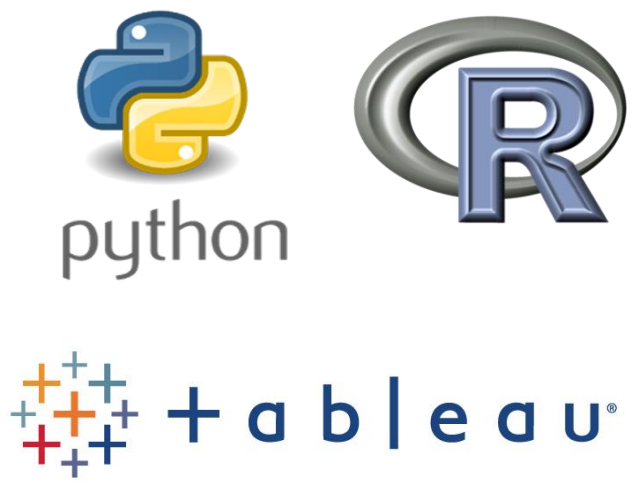


Process and Datasets

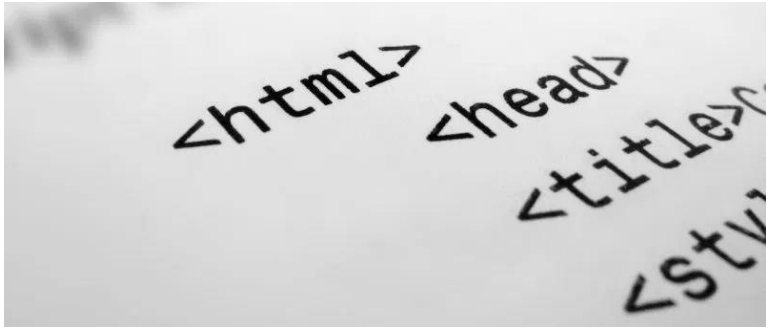
Datasets



Tools

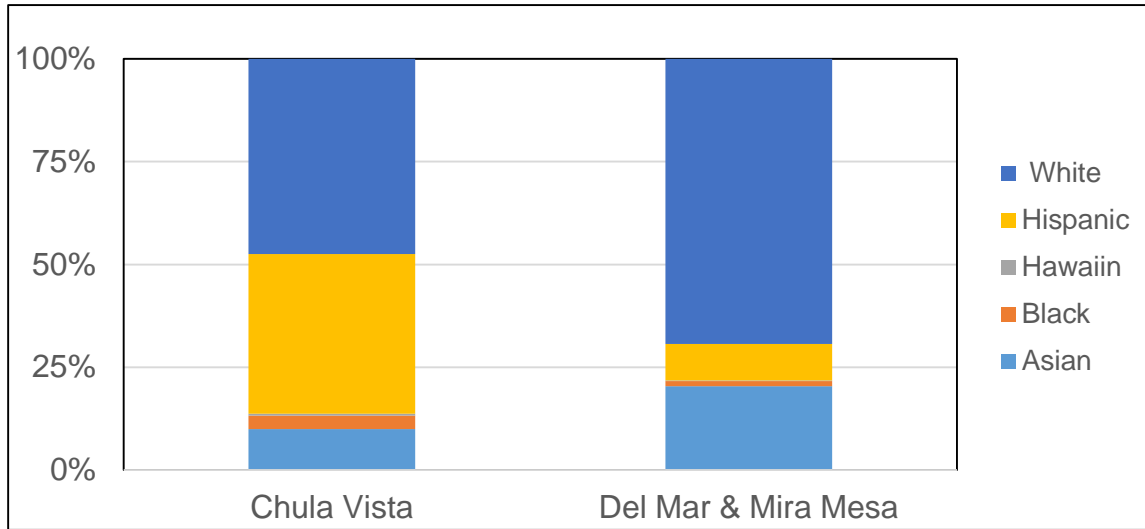


Product

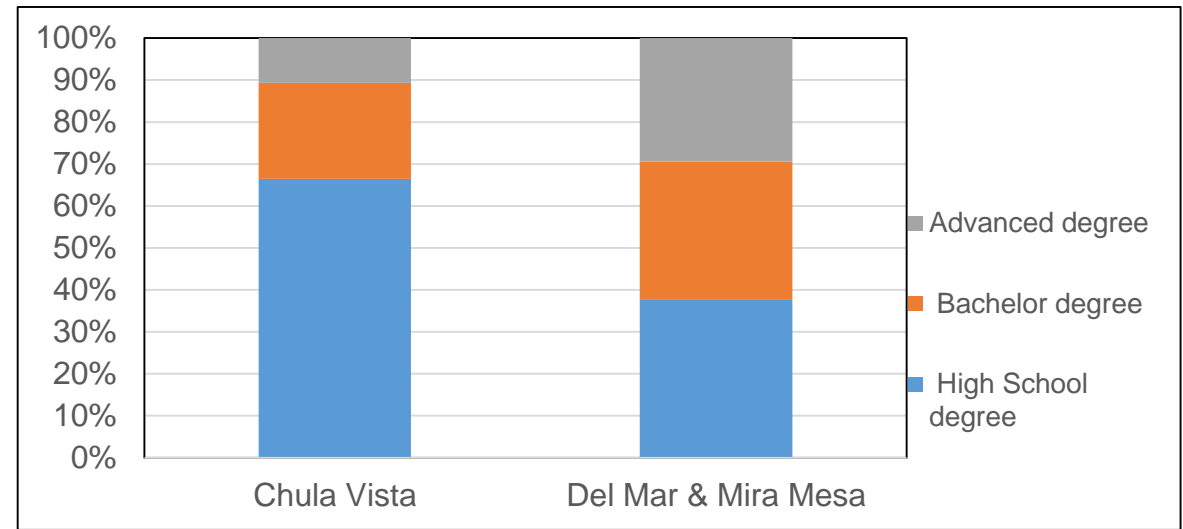


Demographics

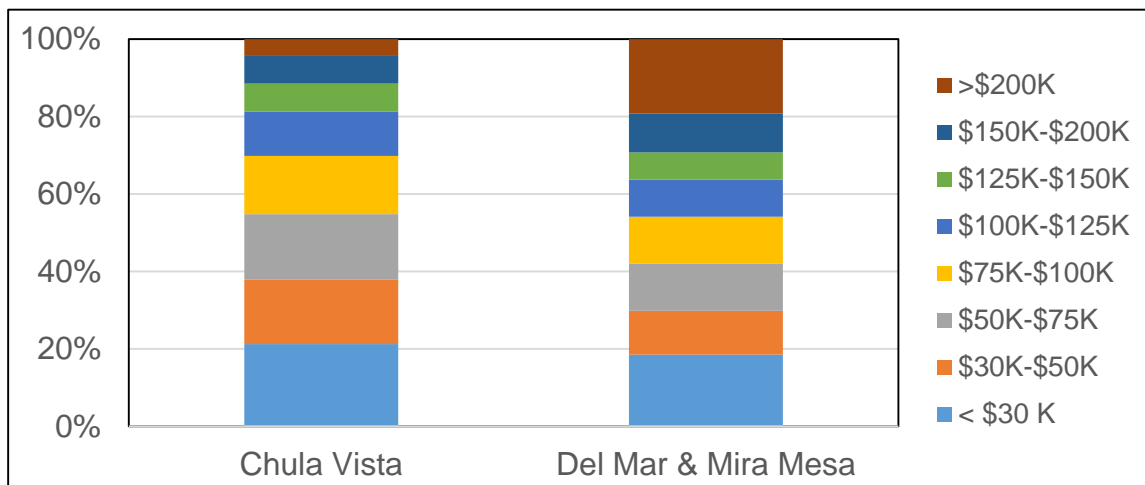
Ethnicity



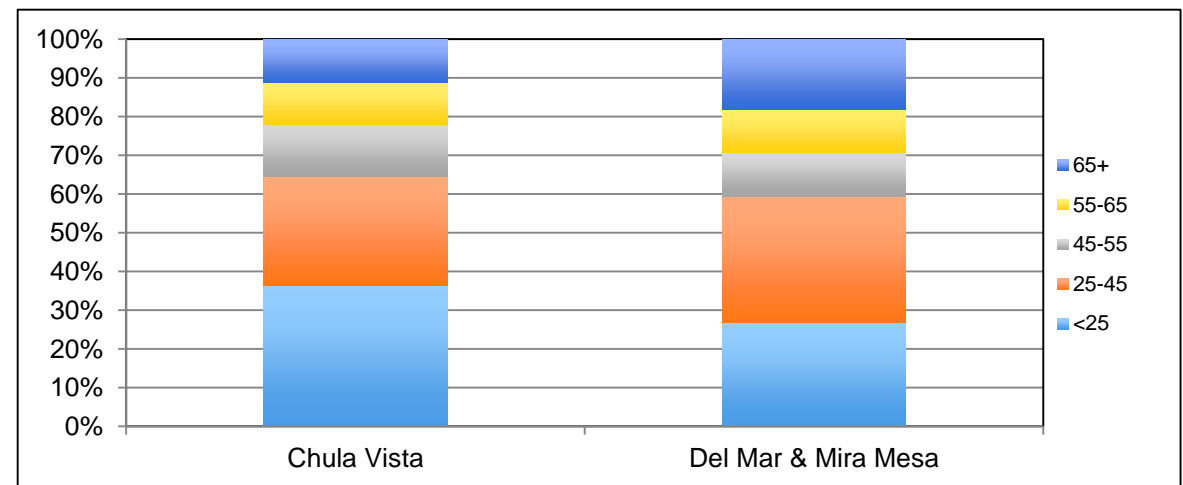
Education



Income

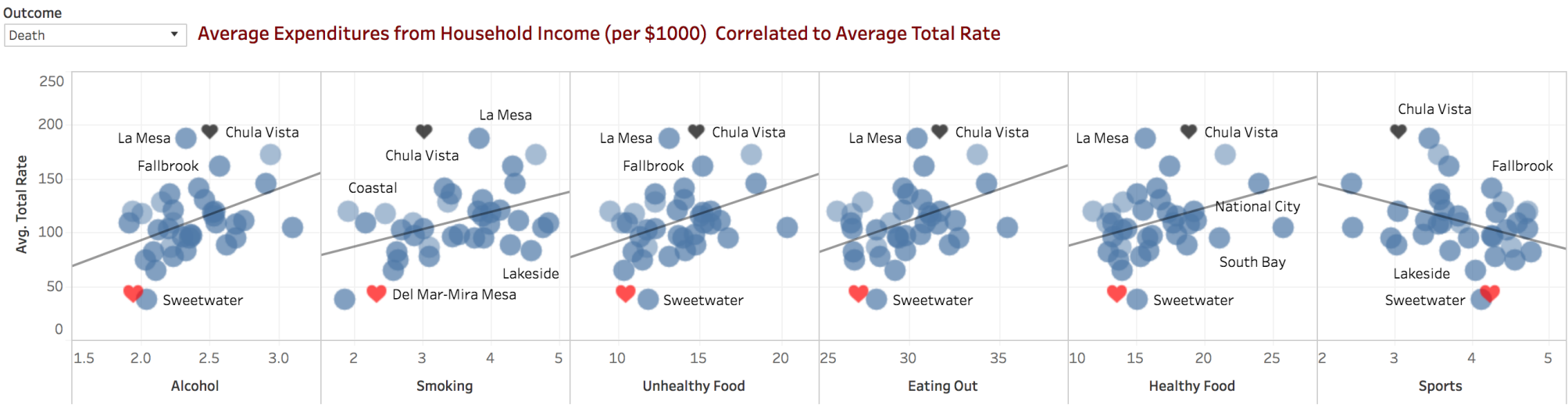
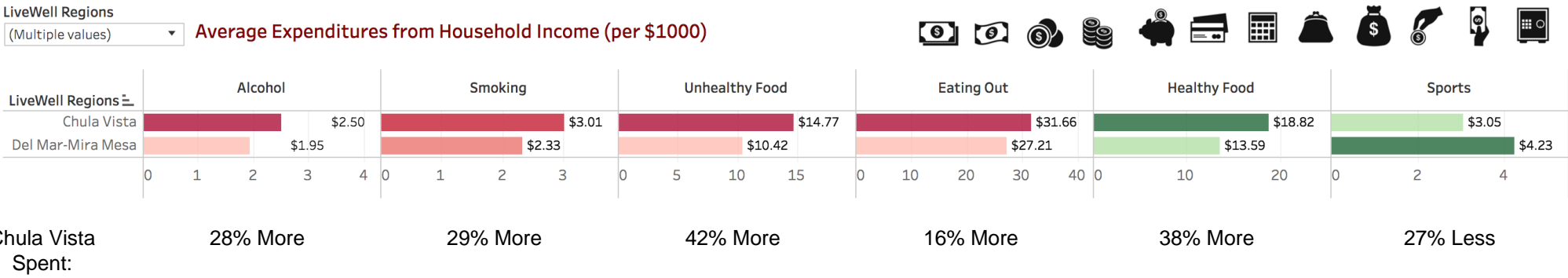


Age




Lifestyle

San Diegan Spending Habits Contributing to Coronary Heart Disease



Amenities Available

LiveWell Regions
(Multiple values) ▼



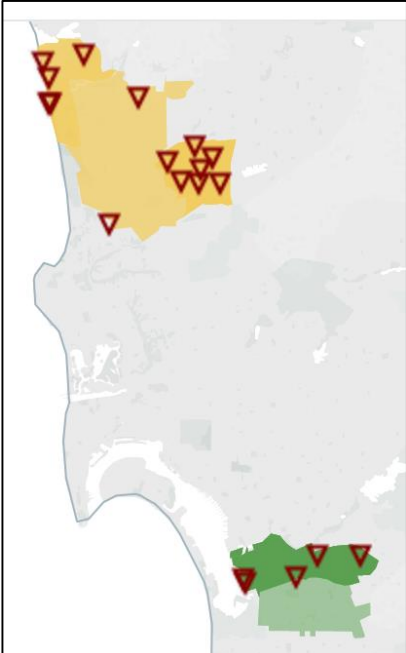
Location Counter

LiveWell Regions	cardiolog..	fastfood	fitness	grocery	hospitals	medical facility	park	pickup
Grand Total	10	29	28	30	1	7	19	30
Chula Vista	8	9	8	11	1	3	5	7
Del Mar-Mir..	2	20	20	19		4	14	23

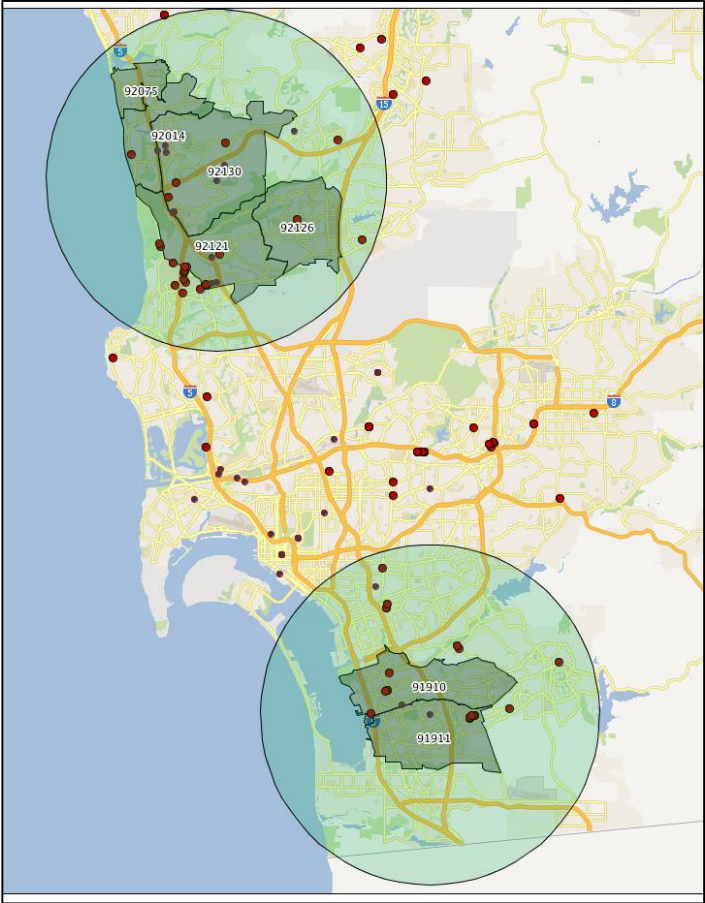
Fitness Centers



Parks



Cardiologists



The number of fitness centers, parks, and cardiologists (within 7 mile radius) is higher in the Del Mar-Mira Mesa.

Future Prospects

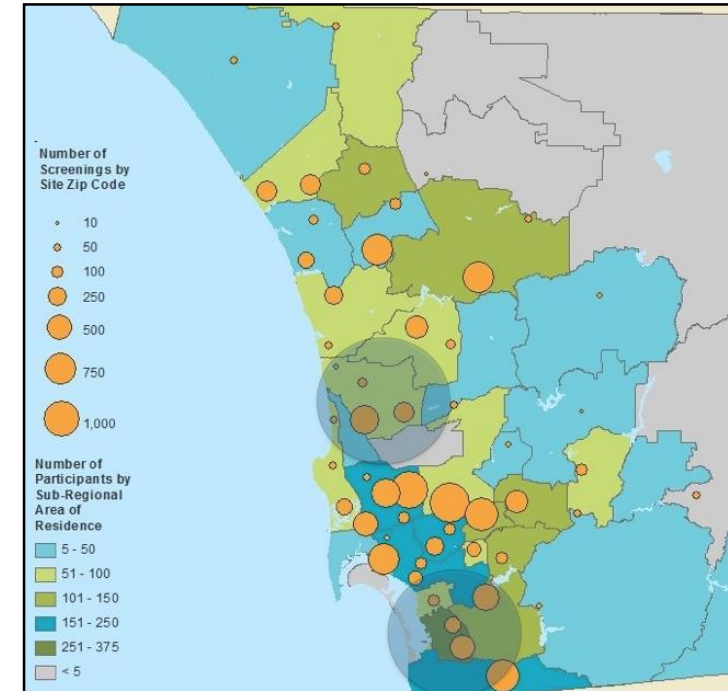
Potential Users:

- San Diego general public, Health Care Delivery Systems (Outreach), community workers, epidemiologists, hospitals (site location), Public Health Department

Future Prospects:

- Alert systems (preventing epidemics), answering 'what ifs' utilizing learning algorithms, **expand it to analyze other health concerns** and further evaluating correlations
- Making San Diego campaigns more data-driven

DEMO TIME...



Gender of Participants with Elevated Blood Pressure Levels, San Diego County
Love Your Heart 2015

