

# Secondhand smoke exposure and self rated health among young adults in the San Francisco Bay Area

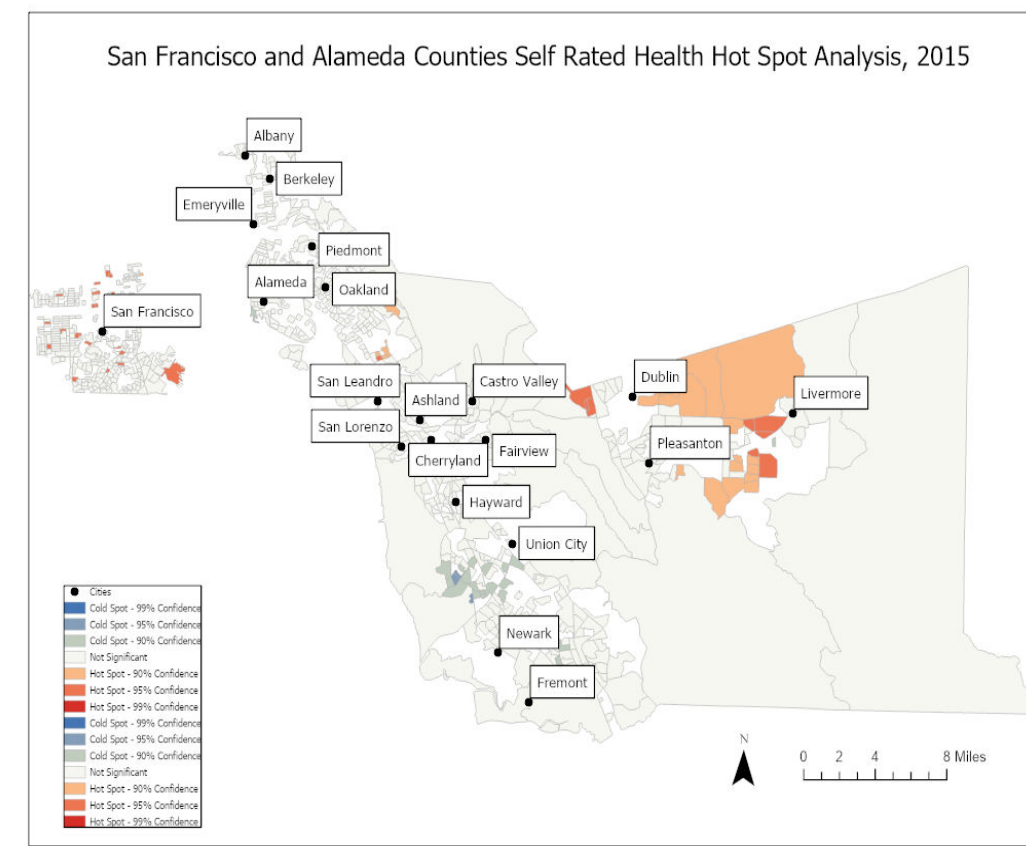
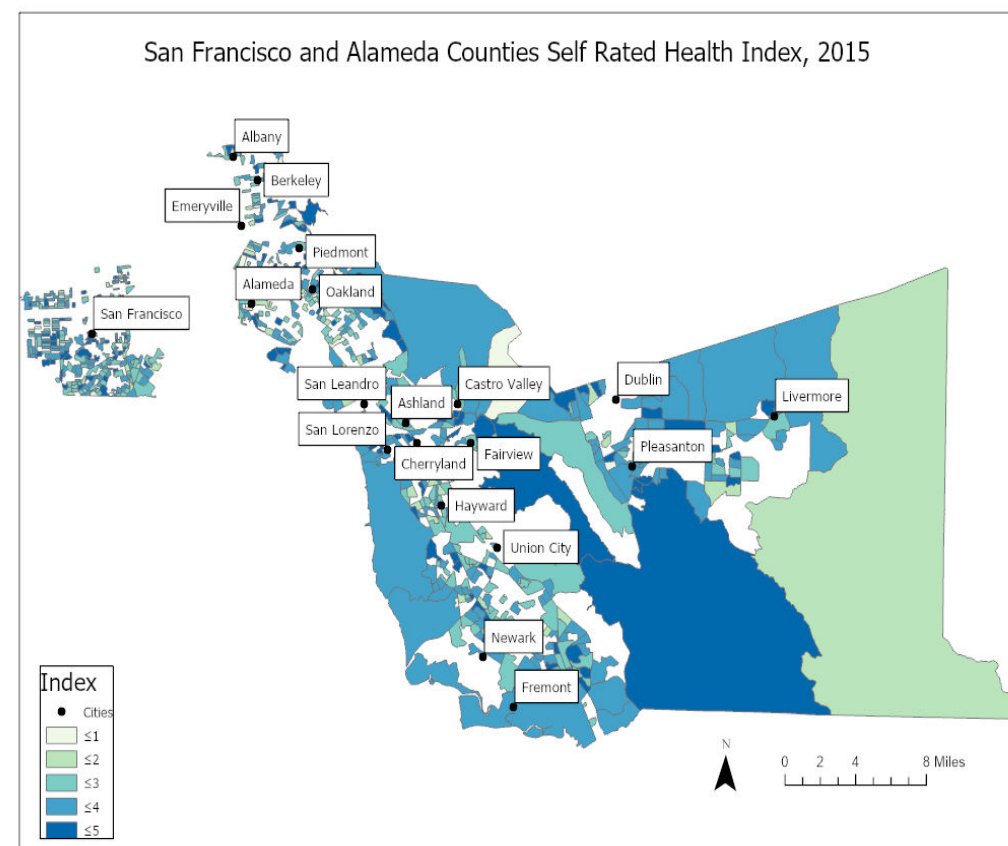
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## Introduction

- Secondhand smoke exposure is highly prevalent among non smokers and is a major risk factor resulting in compromised health
- Environment is an important factor in considering the distribution of secondhand smoke exposure, as young adults see higher exposure at home and at work

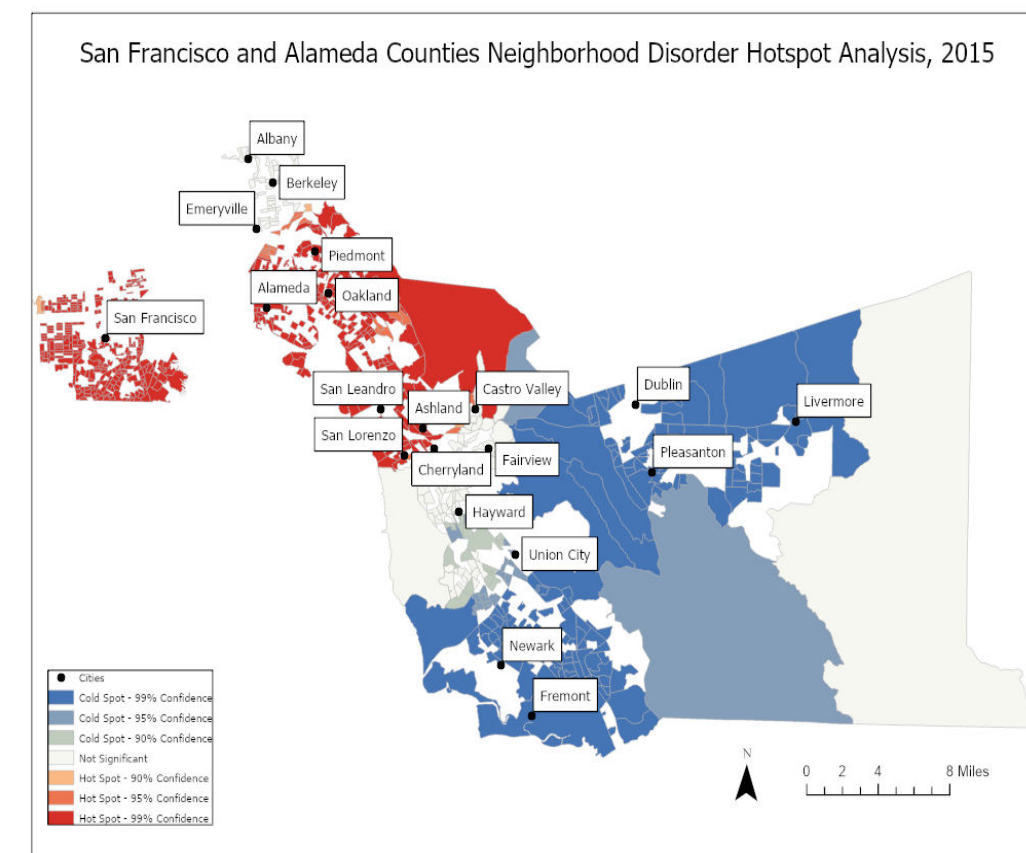
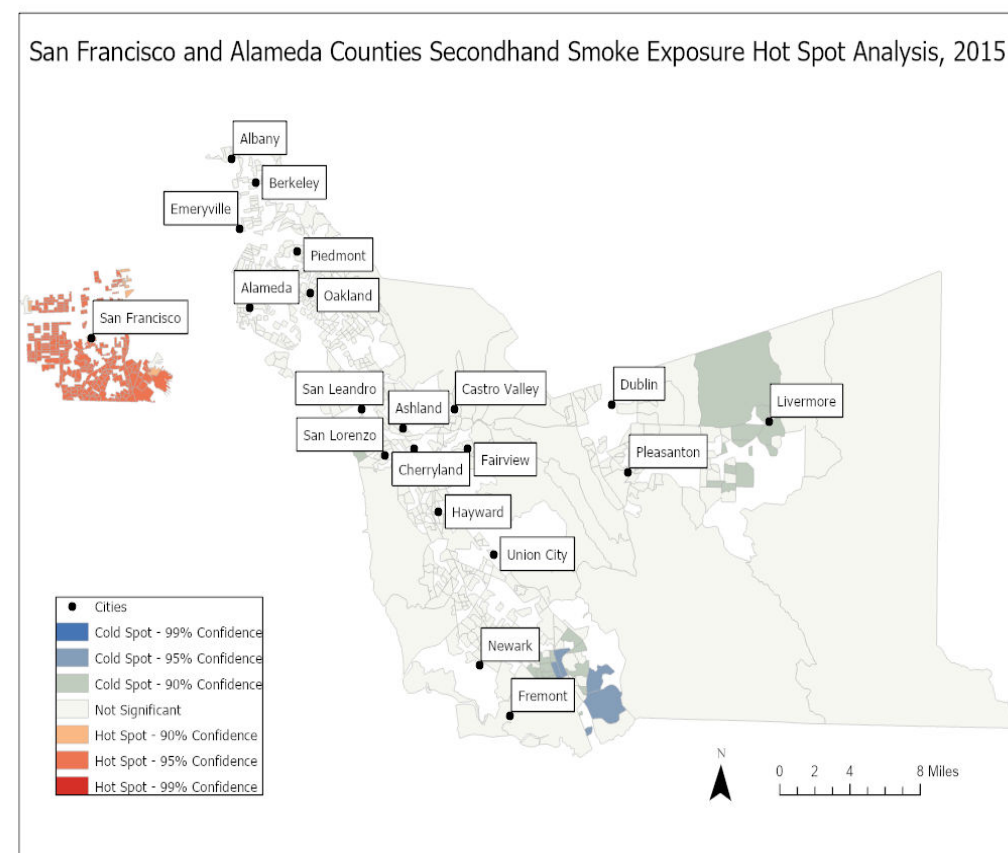


## Results

- Dublin, Livermore and Pleasanton in Alameda county have higher self rated health indices and secondhand smoke exposure is reported less
- San Francisco has a high density of reported secondhand smoke exposure
- All of San Francisco county and the northern part of Alameda county have high levels of neighborhood disorder compared to the surrounding areas

## Research Questions

- Is second-hand smoke exposure related to self rated health in San Francisco and Alameda counties?
- What is the spatial relationship between these two variables?



## Methods

### Data Sources:

- 2015 Neighborhood determinants of Young Adult Health Study:
  - Block Group Level neighborhood assessments (N=132)



## Discussion

### Implications

- Young adults in San Francisco, where self-rated health is relatively low, may have high risk for secondhand smoke exposure.
- Neighborhood disorder may promote secondhand smoke exposure
- The areas where the self-rated health index is higher are less likely to have reported exposure to secondhand smoke