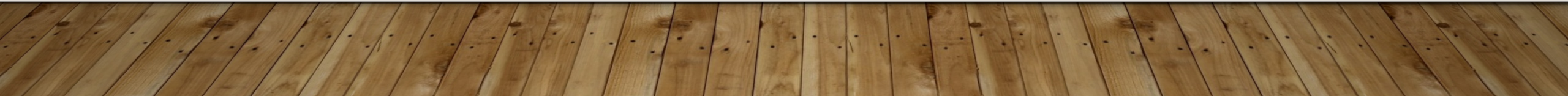


COMMUNITY HEALTH AND HEALTHCARE QUALITY

JASON CHIU



OUTLINE

- Care Continuum
 - Affordable Care Act of 2010
 - Research Question
- Data Source
 - 500 Cities Project
 - Hospital Compare
- Project Demonstration
- Future Directions

AFFORDABLE CARE ACT (2010)

- Main objective
 - Expand healthcare access
 - Reduce healthcare expenditure
- Major changes
 - Emphasis on preventative care
 - Required community needs assessment
 - Fee-for-service (quantity) to Value-Based Purchasing (quality)
 - Tying Reimbursement based on the quality of care provided

CARE CONTINUUM

- From episode of care to care continuum (overtime) – readmissions
 - Care transition – what happens after the hospital stay
 - Linkage to primary care, discharge instruction, identifying community resources
- Blurring the boundaries between public health and healthcare
 - Healthcare (e.g., hospitals, clinics)
 - Public Health (e.g., HIV prevention projects)
 - Collaborate to achieve improved population health and reduce costs

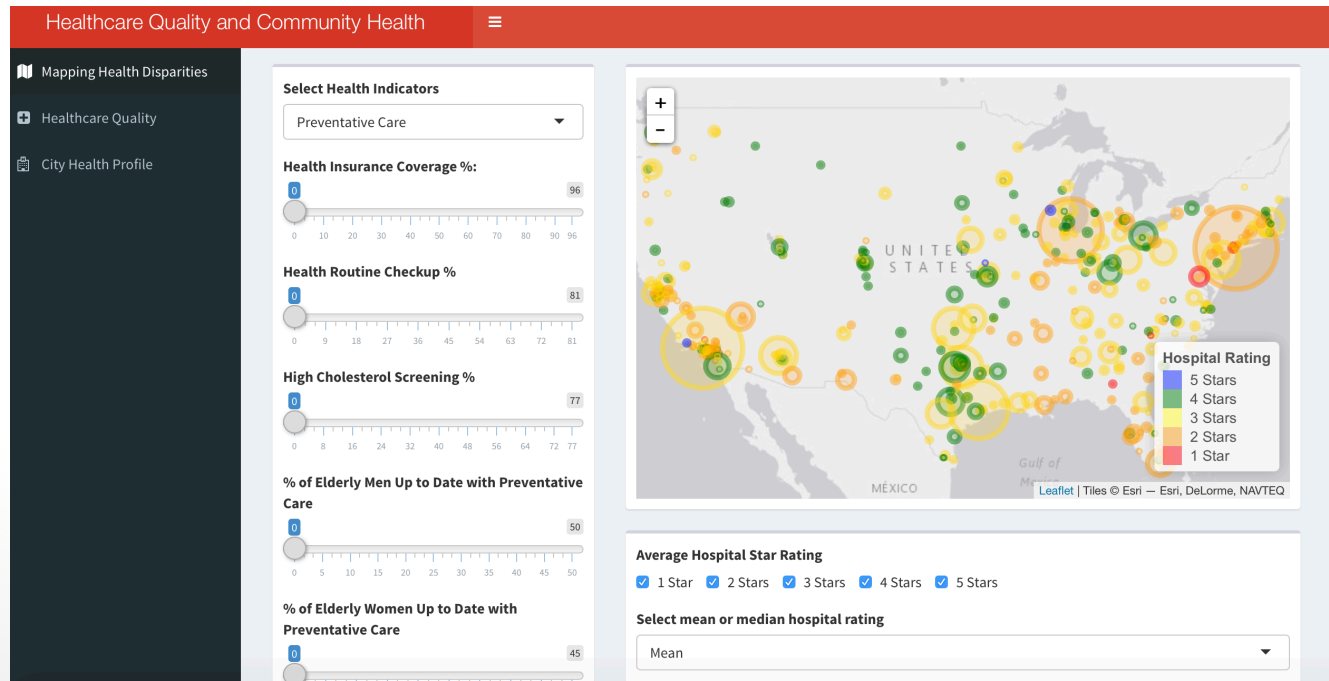
RESEARCH QUESTION

- Are there any associations between community health/health disparities and healthcare quality?

DATA SOURCES

- 500 Cities Project
 - Census tract-level and city-level data on
 - Preventative health
 - Health behavior
 - Disease prevalence
 - Projection using 2010 census and the Behavioral Risk Factor Surveillance System
- Hospital Compare
 - Publically reported hospital quality data
 - Using 57 quality measures – 5-star rating system

PROJECT DEMO



FUTURE DIRECTION

- Further stratification based on hospital characteristics
 - Community vs. teaching hospitals
 - Ownership (private vs. non-profit)
- Community characteristics
 - Definition of community
 - Neighborhood (SES)

THANK YOU

- Any questions?