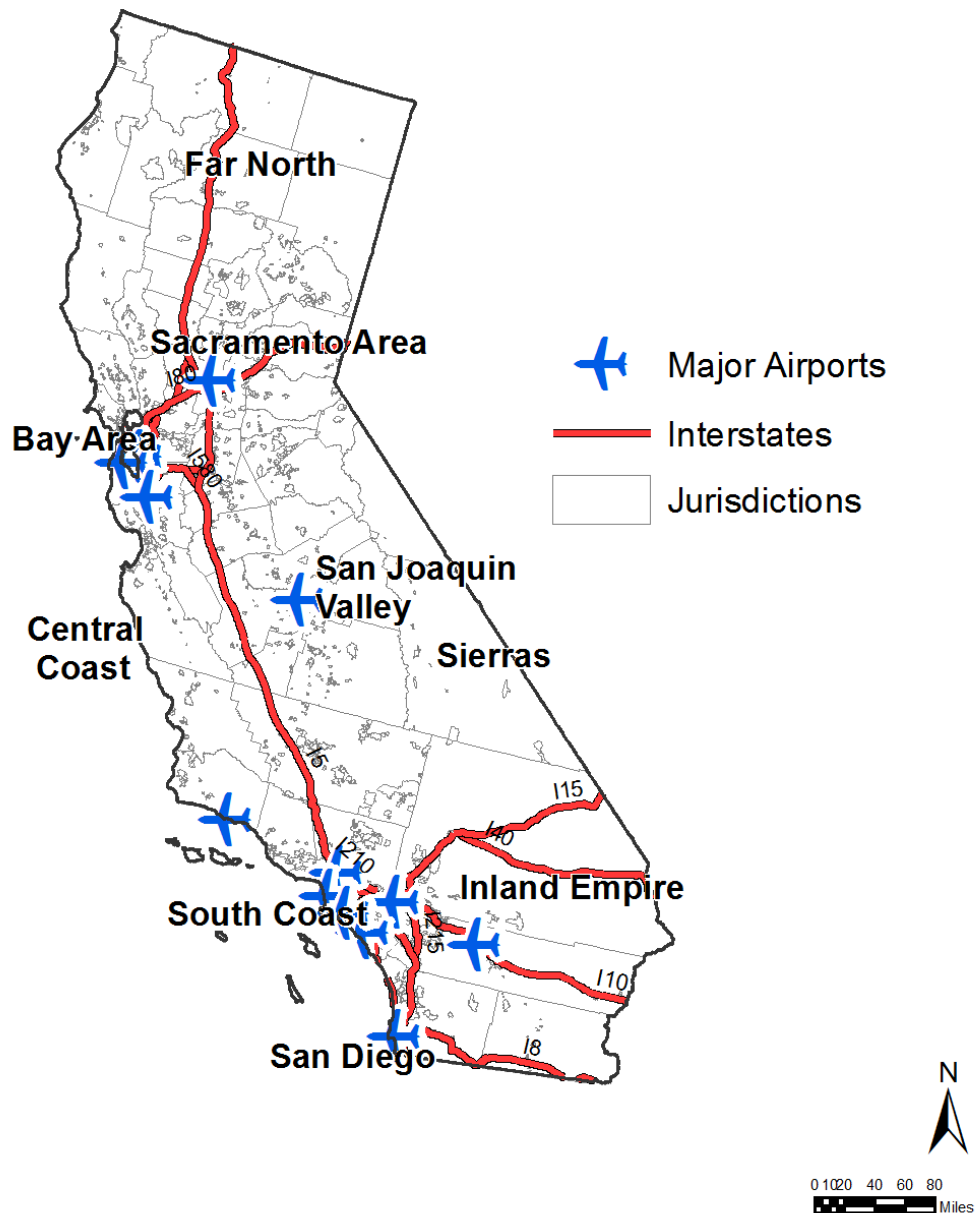


High-Speed Rail and Business Location

Karen Chapple

Associate Professor, City & Regional Planning
with Carrie Makarewicz

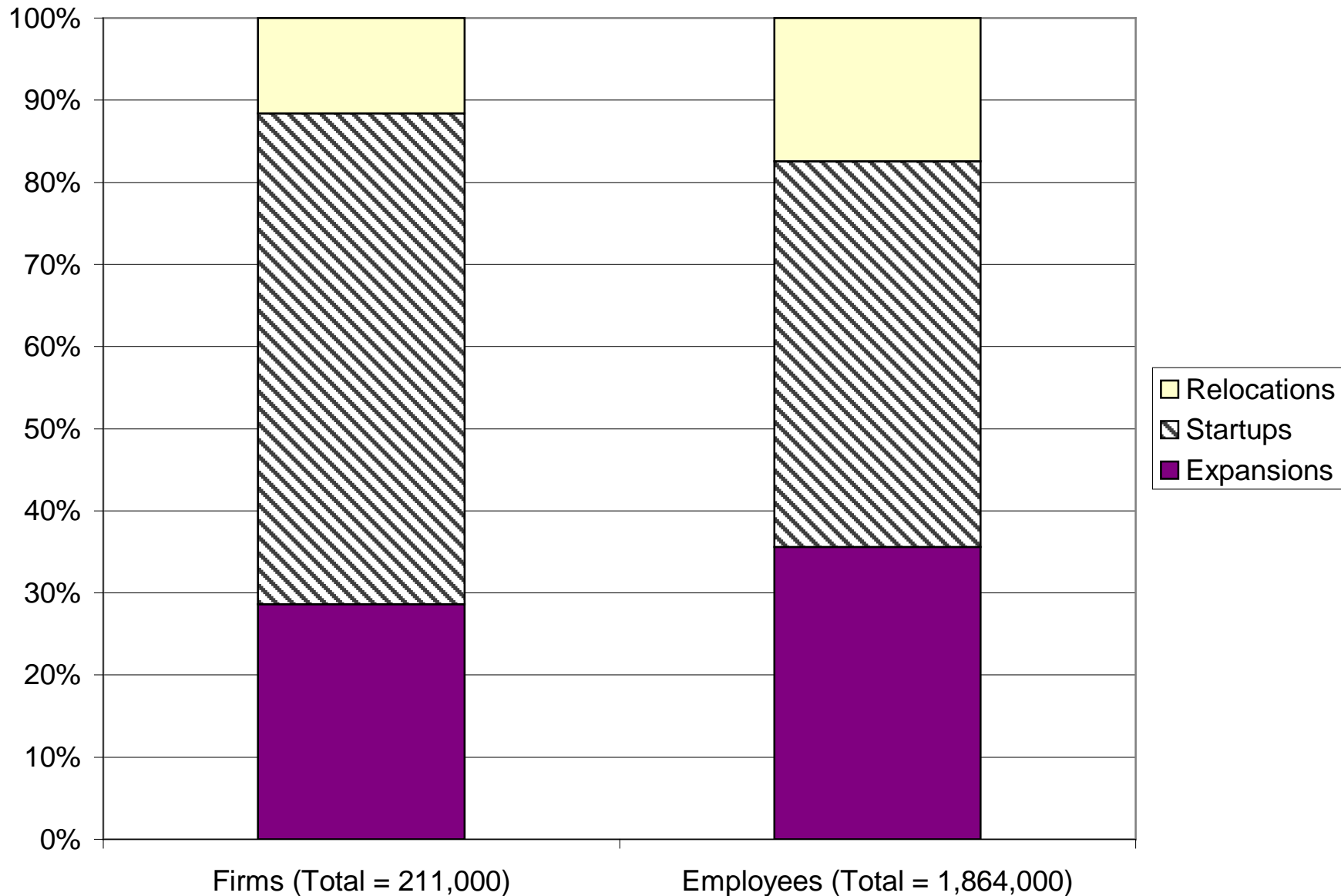
PhD student, City & Regional Planning



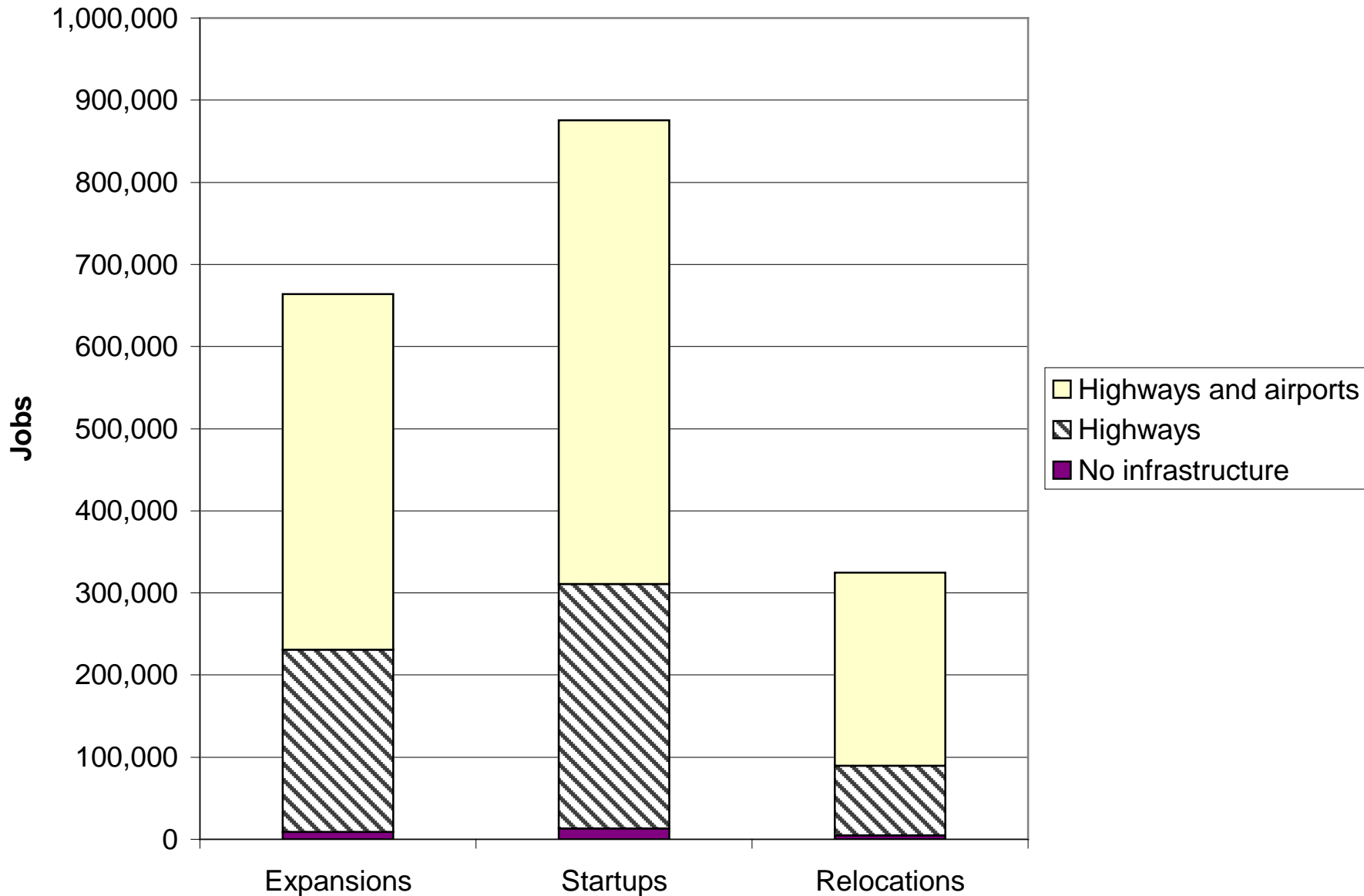
Study Overview

- Chapple & Makarewicz in *Access 36*, 2010 (Data: National Establishment Time Series, 1990-2005)
- Role of infrastructure (airports) in business location and growth
- Myth of firm exodus

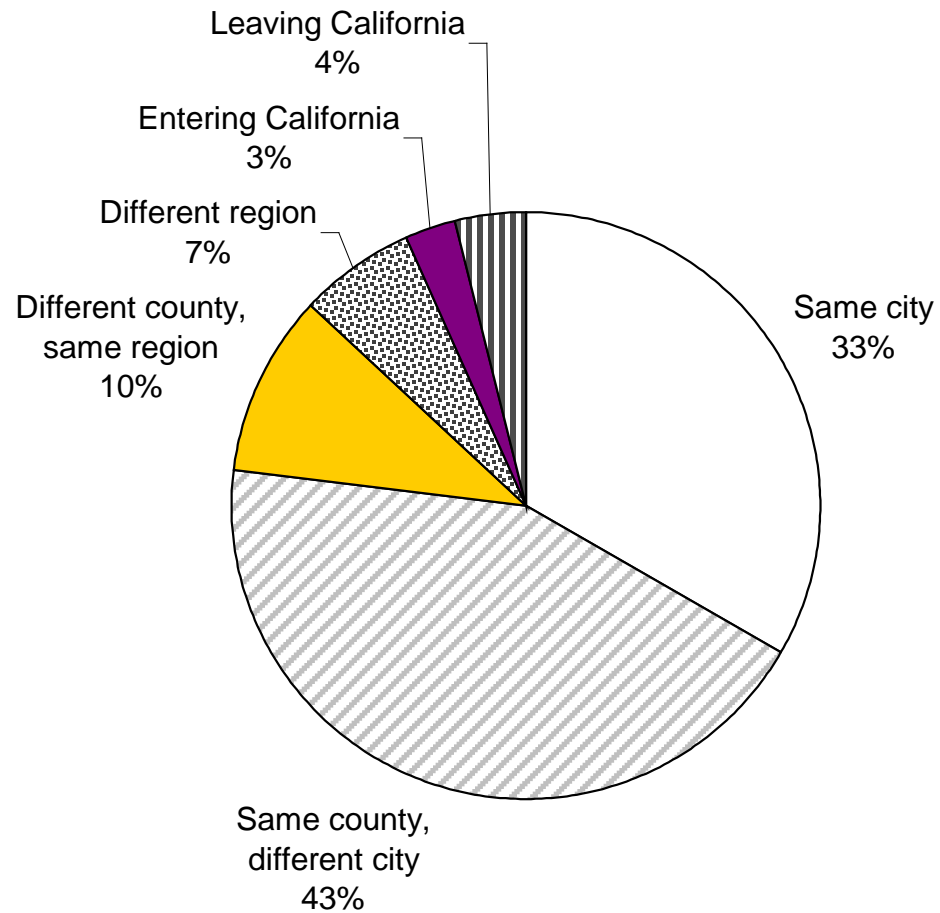
Average annual growth via expansions, startups and relocations: Firms vs. jobs



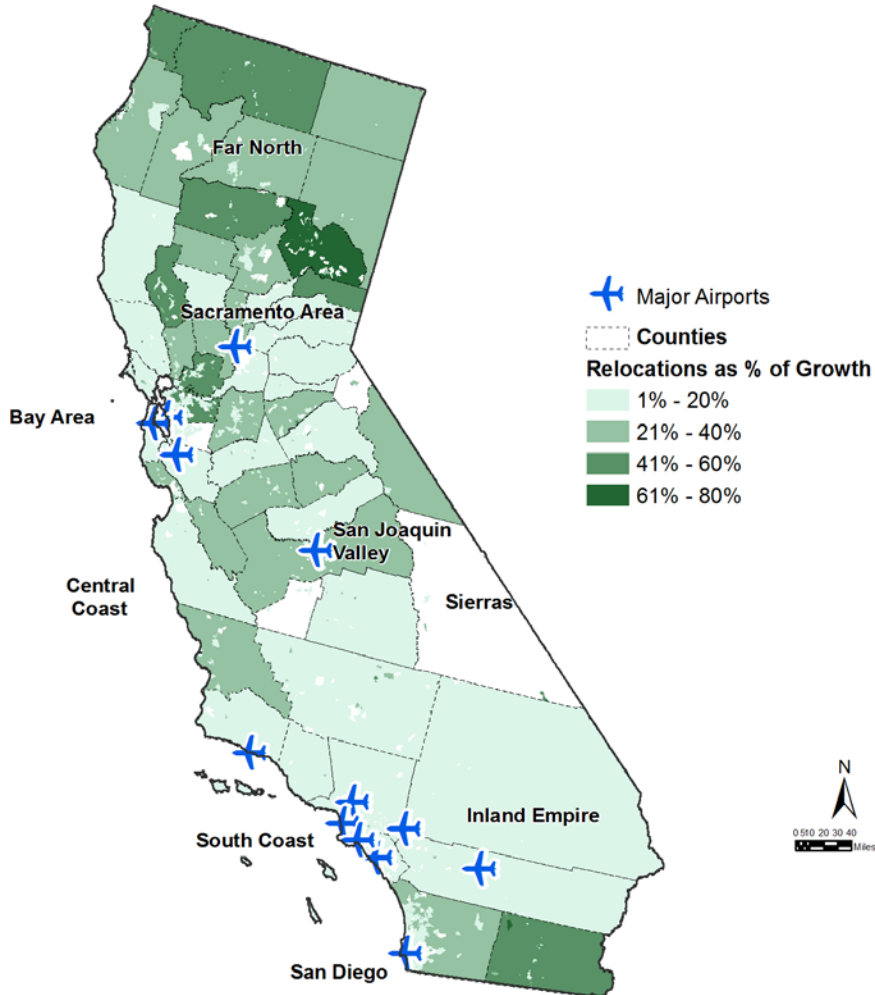
Annual job growth by infrastructure type



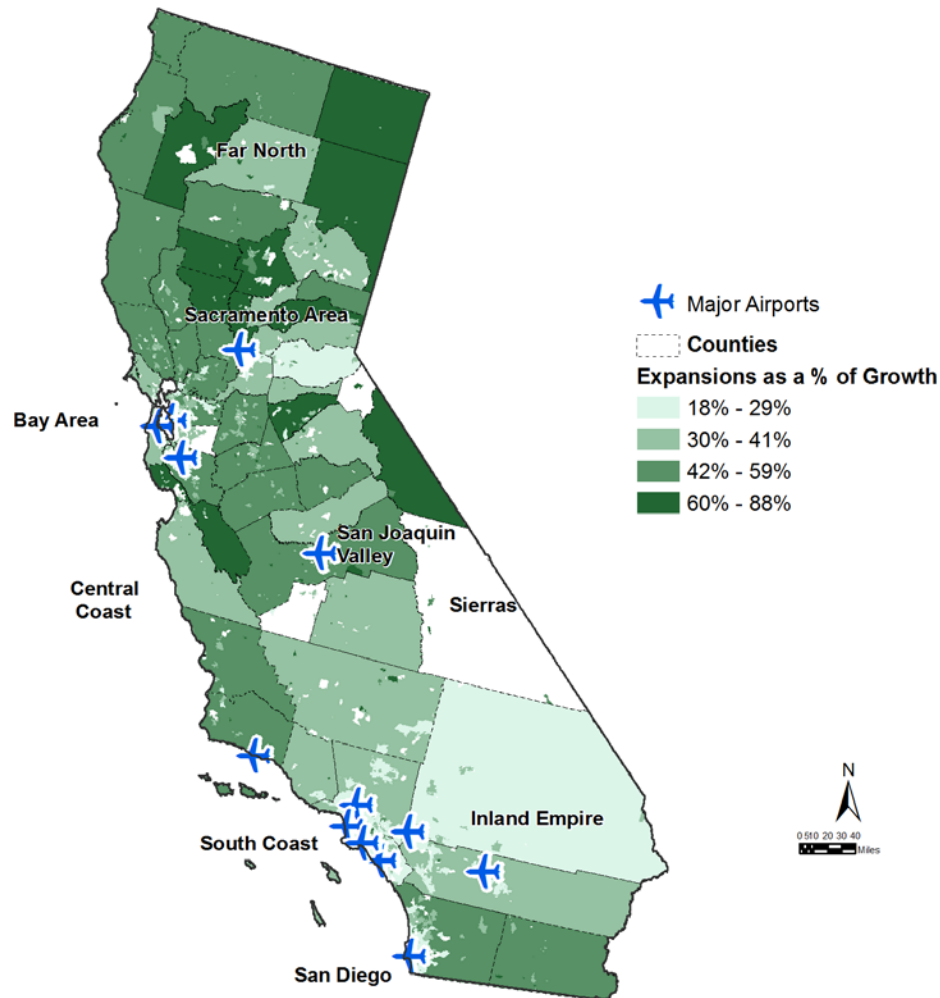
The Myth of Firm Exodus



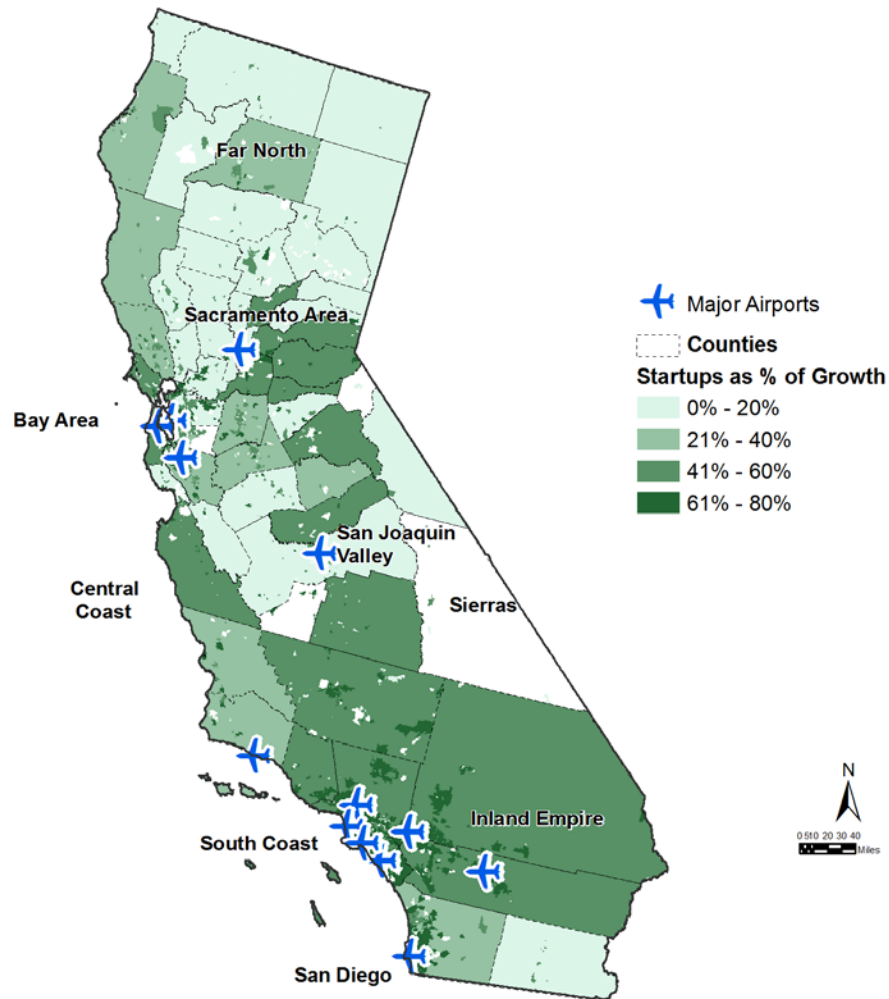
Firm Relocations as Share of Annual Growth



Firm Expansions as Share of Annual Growth



Startups as Share of Annual Growth



Which sectors concentrate near airports?

- Job growth via expansion:
 - Manufacturing
 - Wholesale
 - FIRE
 - Transportation, Communications, Utilities
- Job growth via startups:
 - Public Administration
 - Manufacturing
 - Transportation, Communications, Utilities

Why locate near infrastructure?

- Labor Force
 - Housing costs
 - Amenities
 - Concentrations of low- and high-educated workers
 - Immigrants
- But not:
 - Firm clustering
 - Residential density

Conclusion and Policy Implications

- Few businesses will relocate to HSR locations
- Potential for firm startups and expansions
 - Entrepreneurship policies
 - Industry retention strategies
- Focus on housing