

**Association of Bay Area Governments**

**A Regional Employment  
Framework for the Sustainable  
Communities Strategy**

Regional Planning Committee

October 6, 2010

# Employment and the Sustainable Communities Strategy

## Outline

- Context
- Employment Change
- Job Location
- Jobs and Transit
- Questions

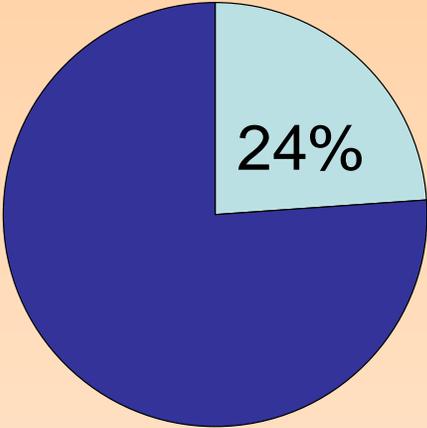
# Employment and the Sustainable Communities Strategy

Employment and job location link the sustainable communities strategy to both:

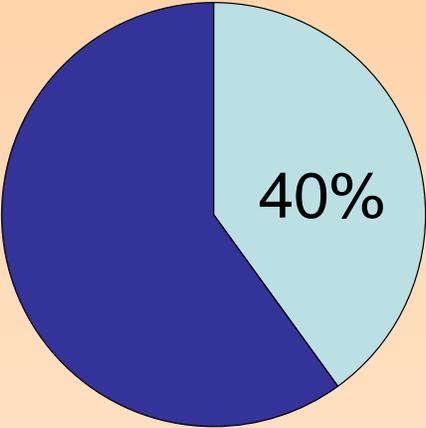
- concern over jobs and the economy
- regional economic competitiveness

# Employment and the Sustainable Communities Strategy

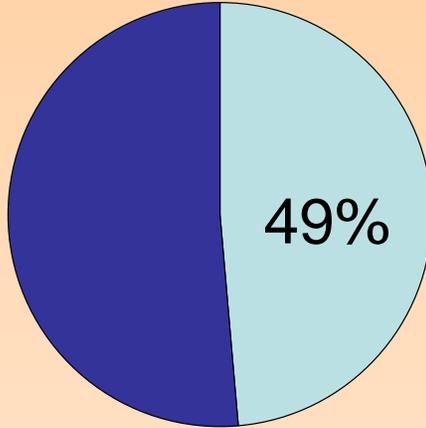
The commute:



Total Trips



Vehicle Miles Traveled



Transit Trips

# Employment and the Sustainable Communities Strategy

The focus of this work is on the relationship between transit and employment, and the potential of denser, transit-served office development

# Employment and the Sustainable Communities Strategy

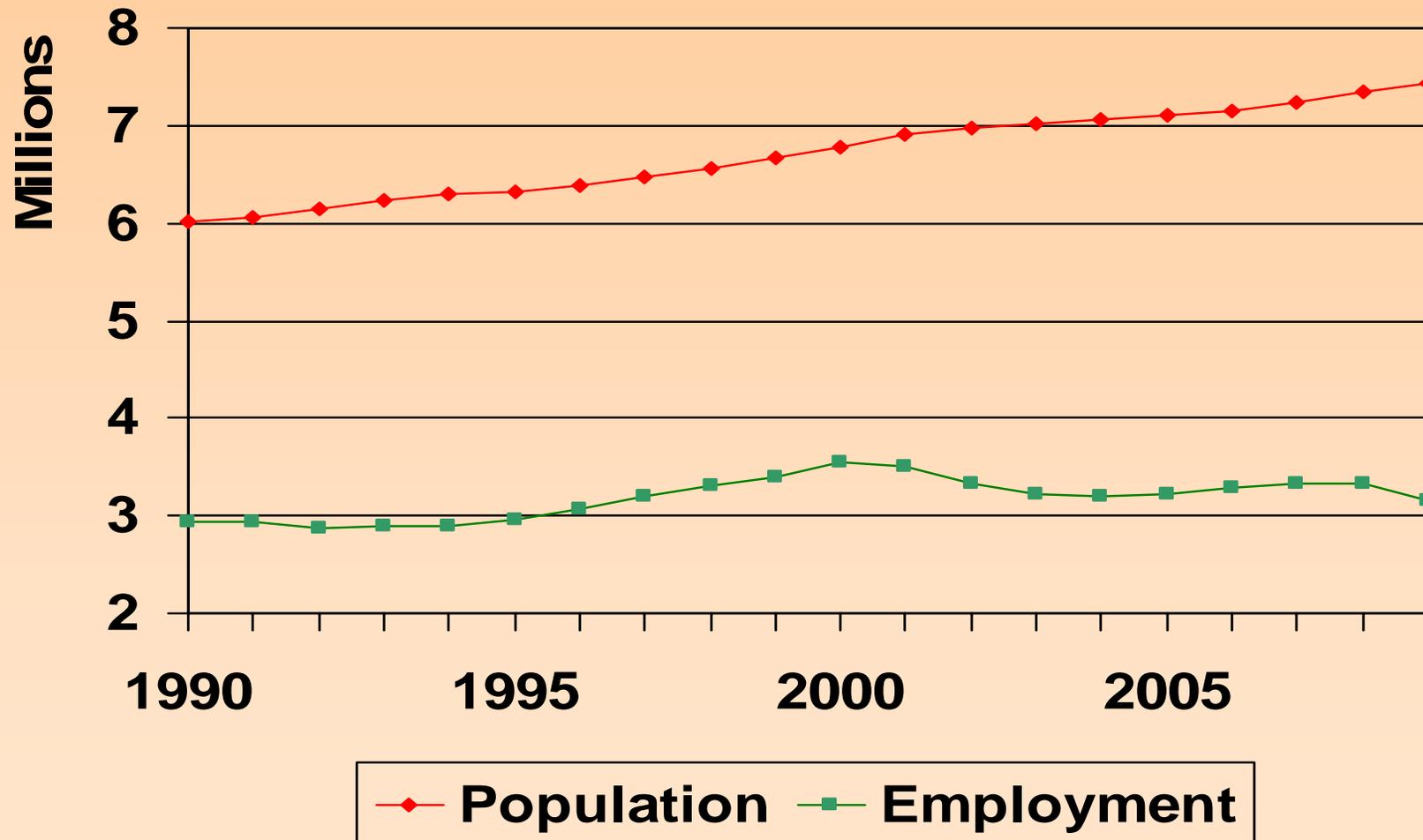
This report will inform:

- What targets are important for employment?
- What options are there for the allocation of jobs and how do they perform?
- Should growing employment centers near transit be incorporated into Priority Development Areas in some form?
- Should jobs and destination stations be incorporated into an updated TOD Policy?
- How can transit better serve the workplace?

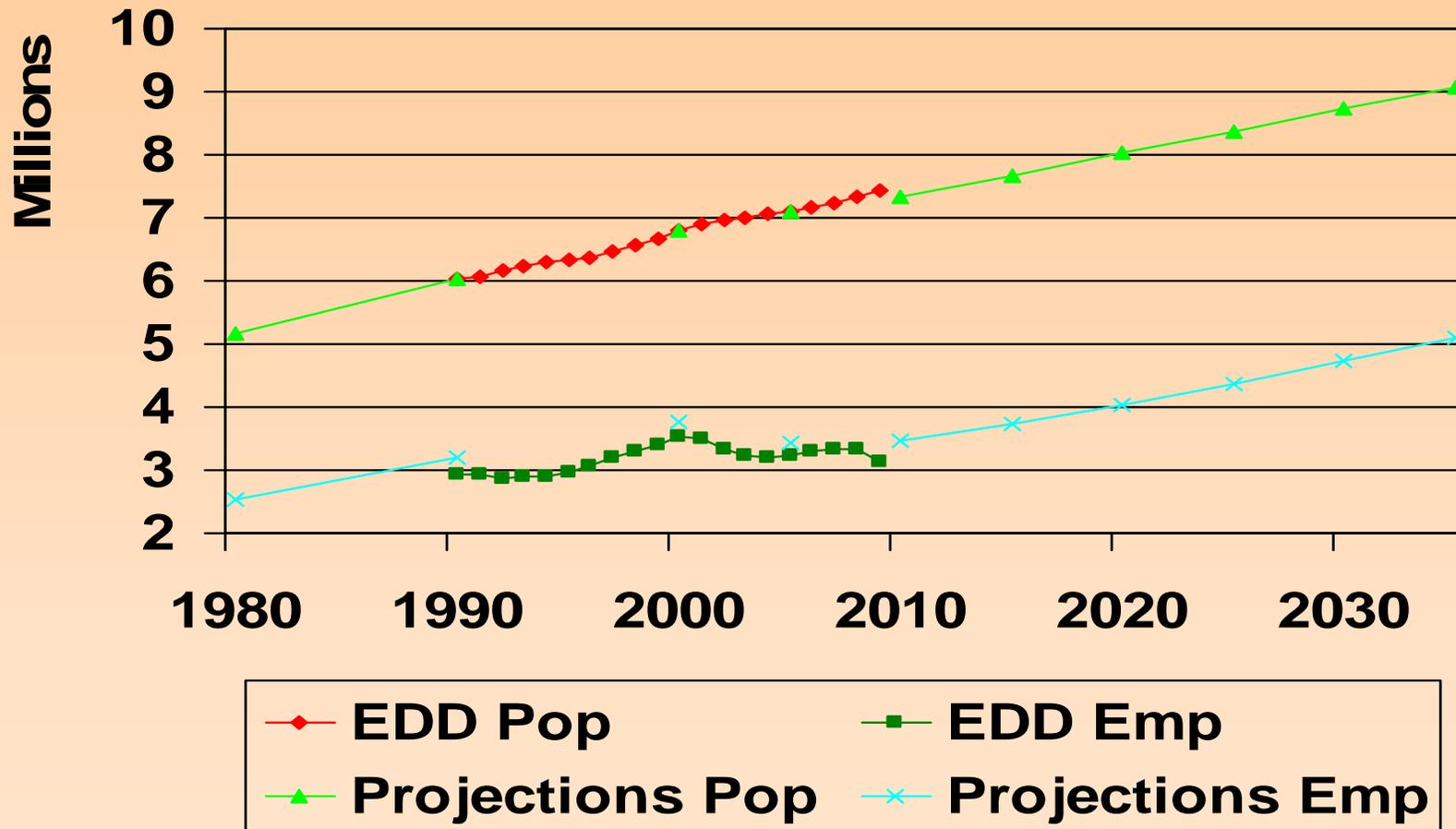
# Regional Employment Change

What does the current job picture look like? What sectors have been growing? Where has growth been occurring?

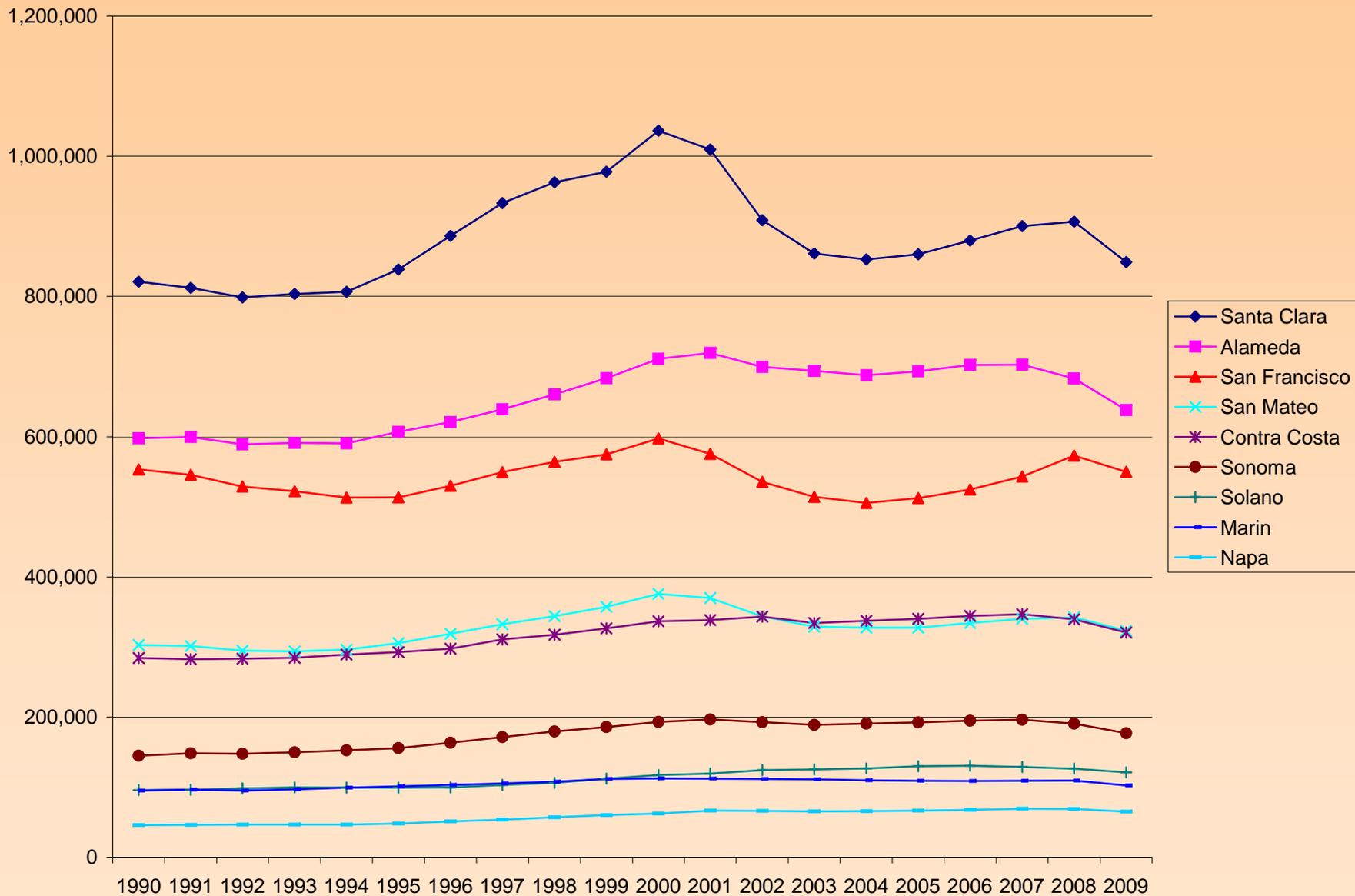
# Bay Area Population and Employment



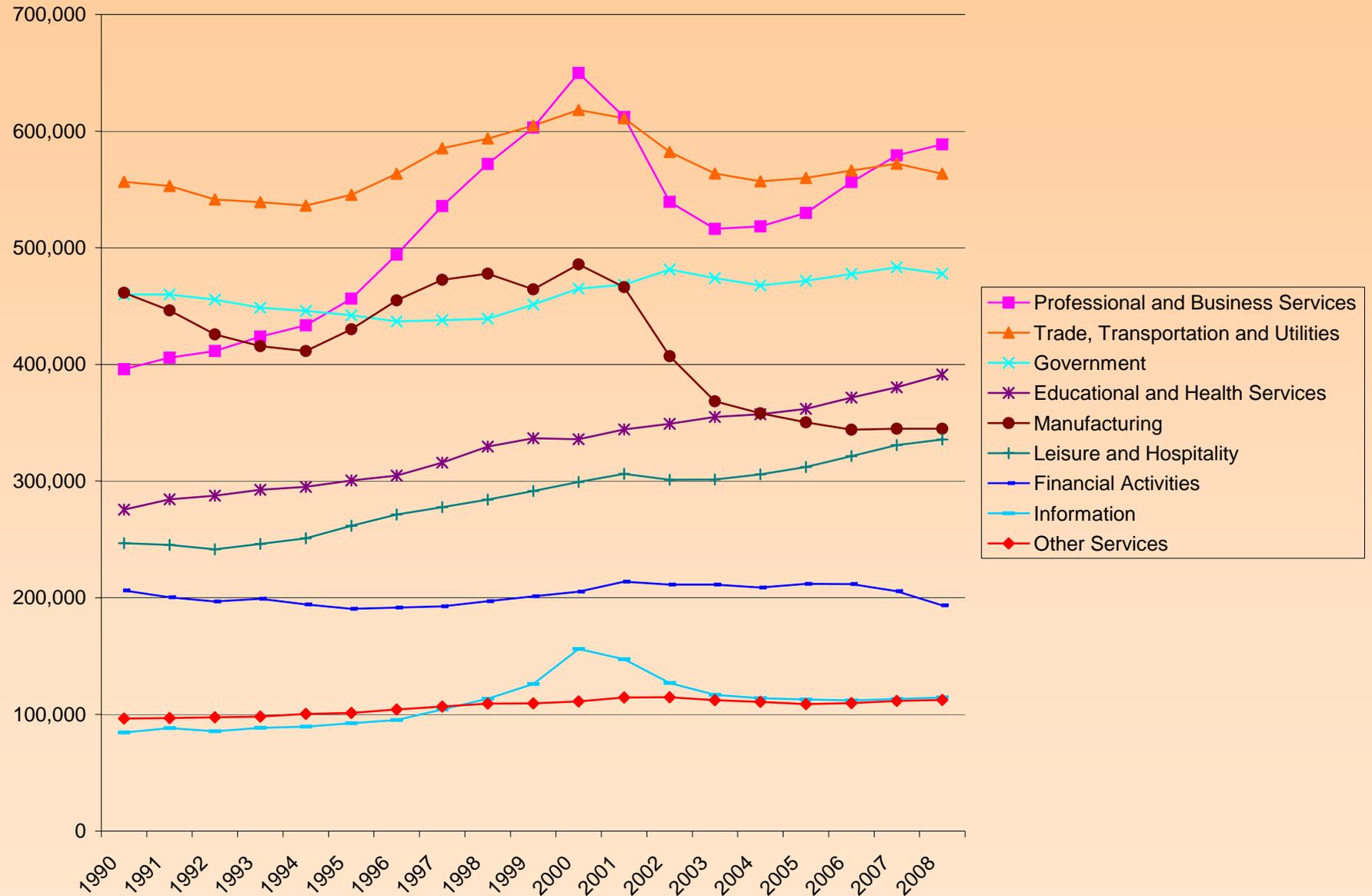
# Population and Employment Projected

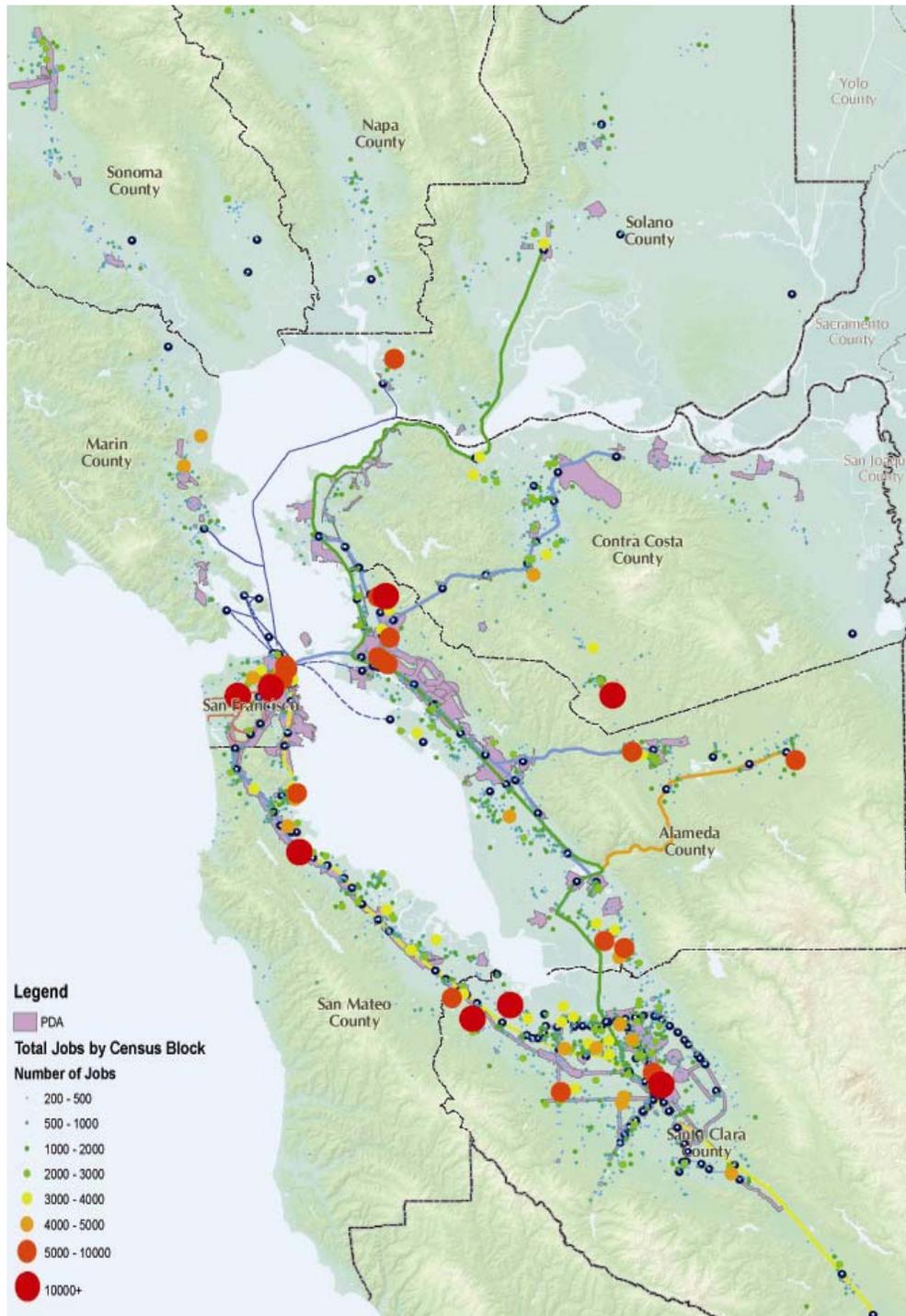


# Employment by County



# Regional Employment by Sector



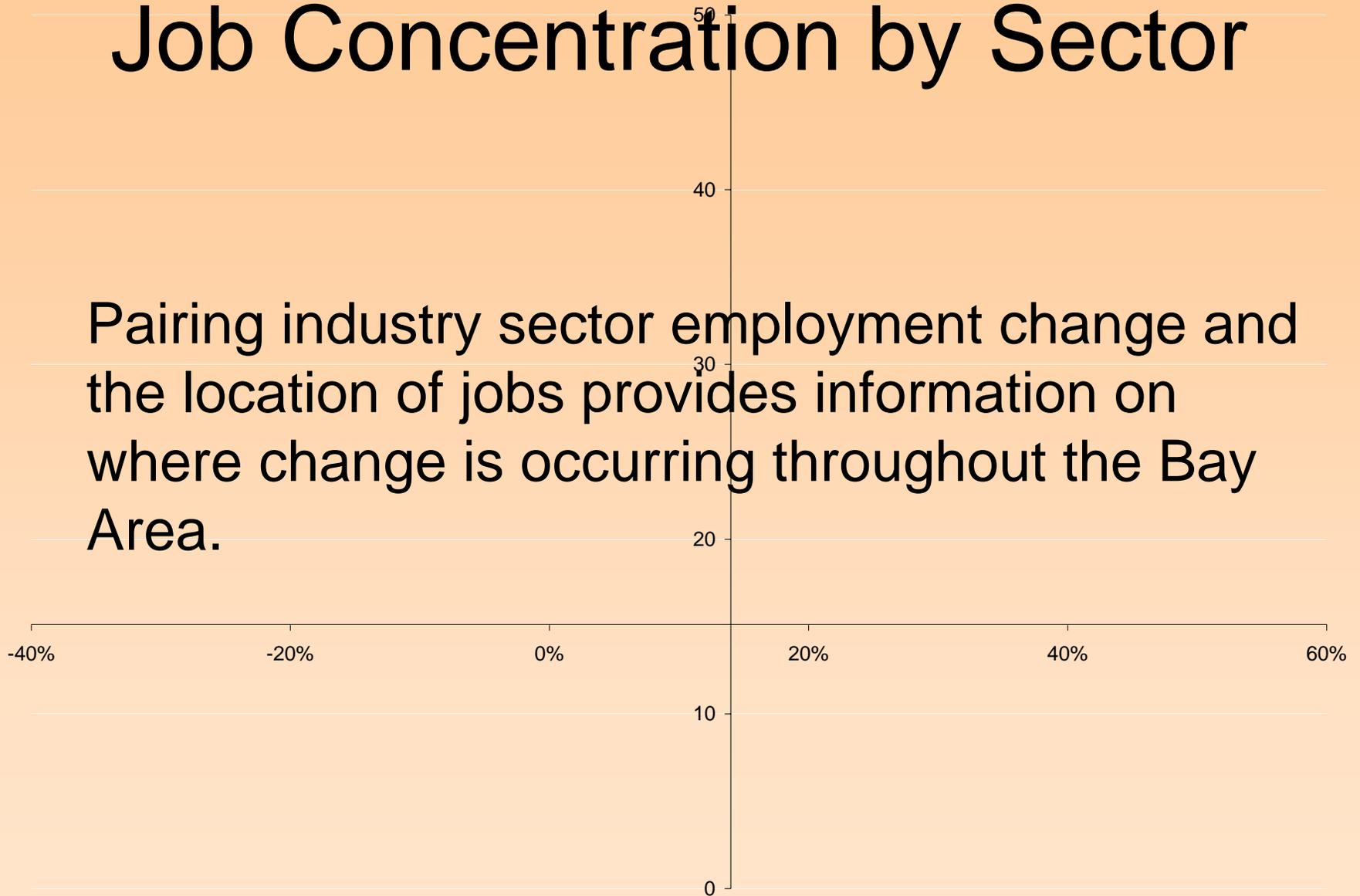


## Job Location

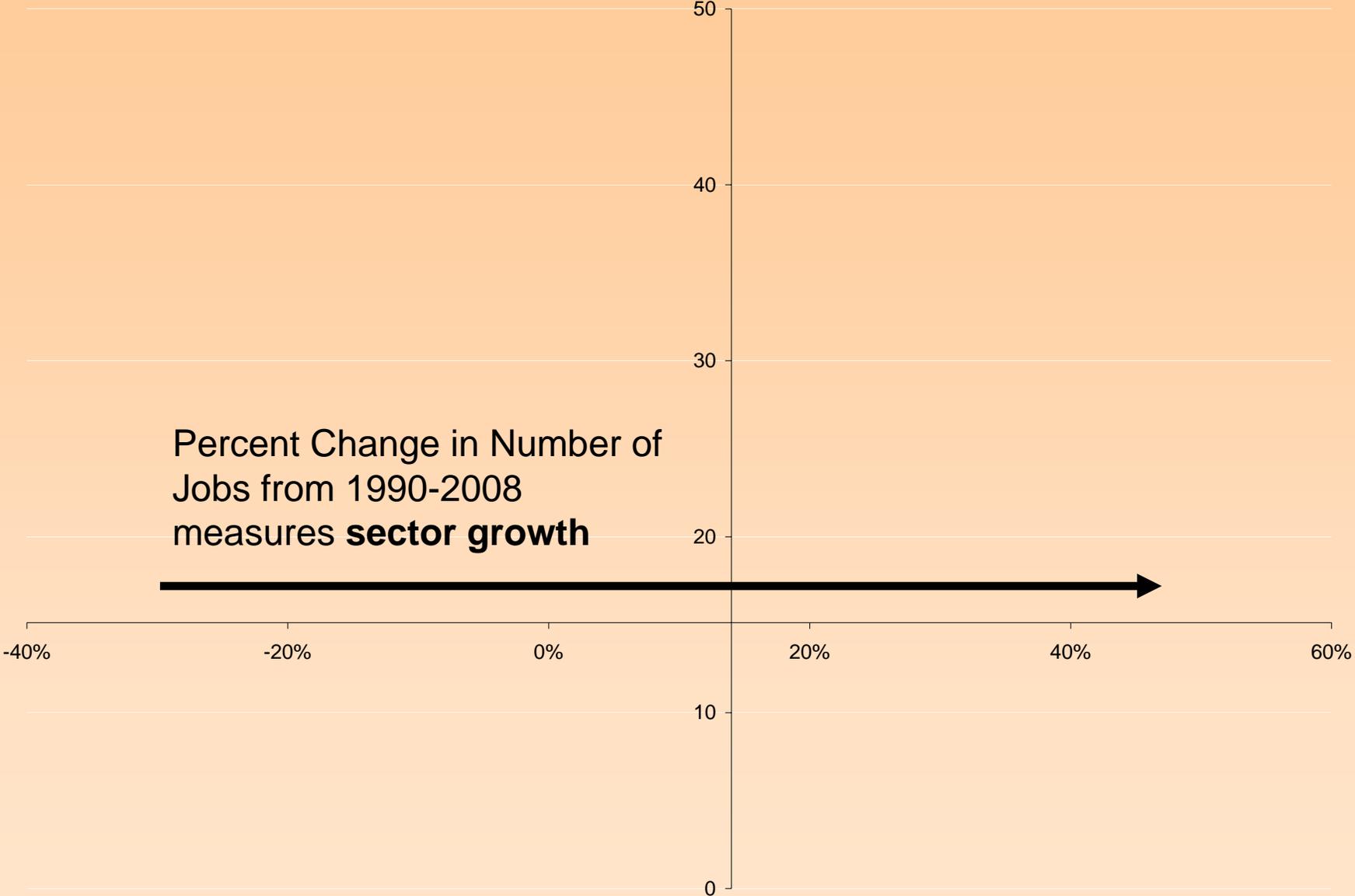
Jobs are scattered through many parts of the Bay Area; however, there are relatively few large-scale employment centers.

# Job Concentration by Sector

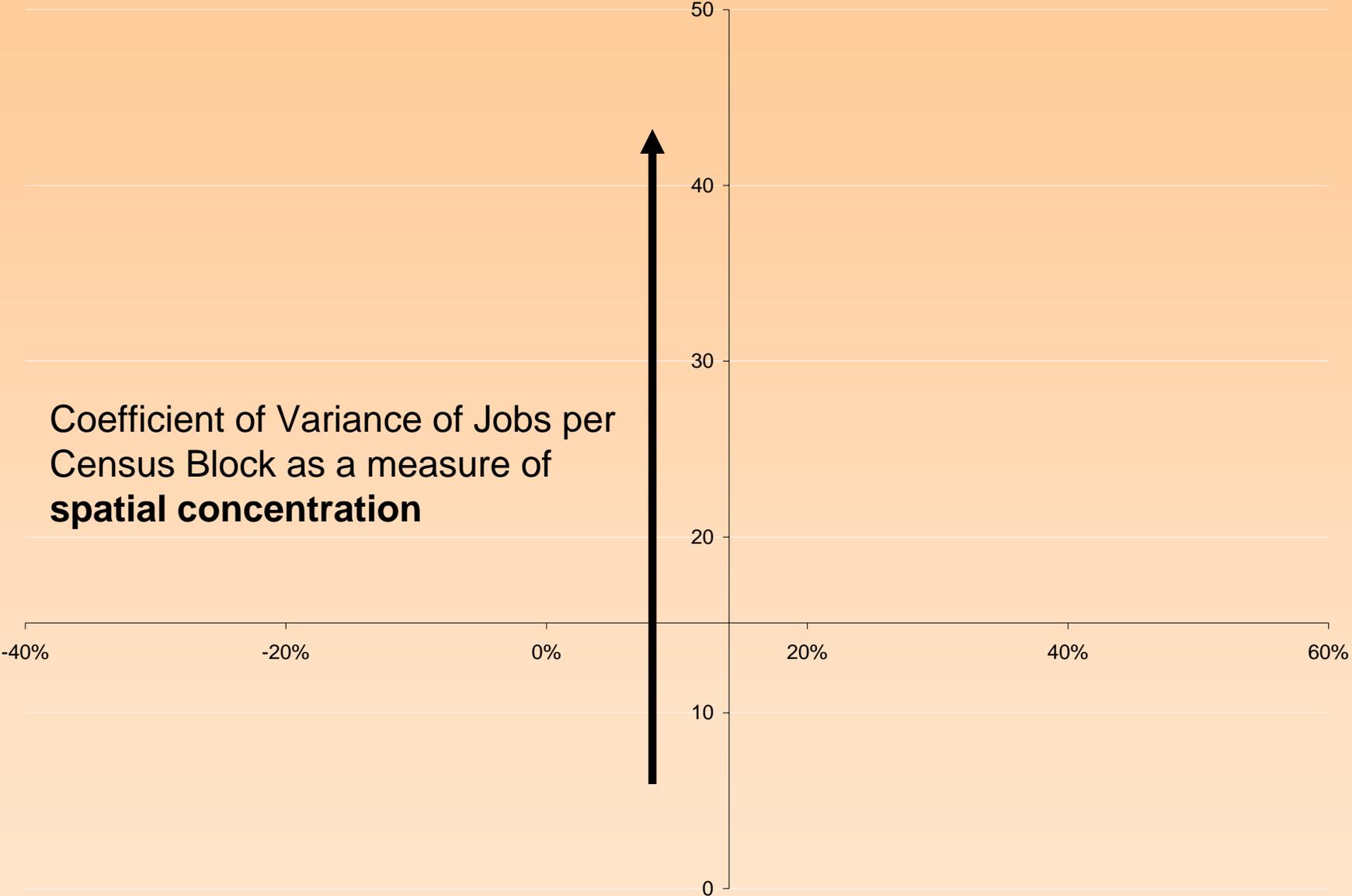
Pairing industry sector employment change and the location of jobs provides information on where change is occurring throughout the Bay Area.

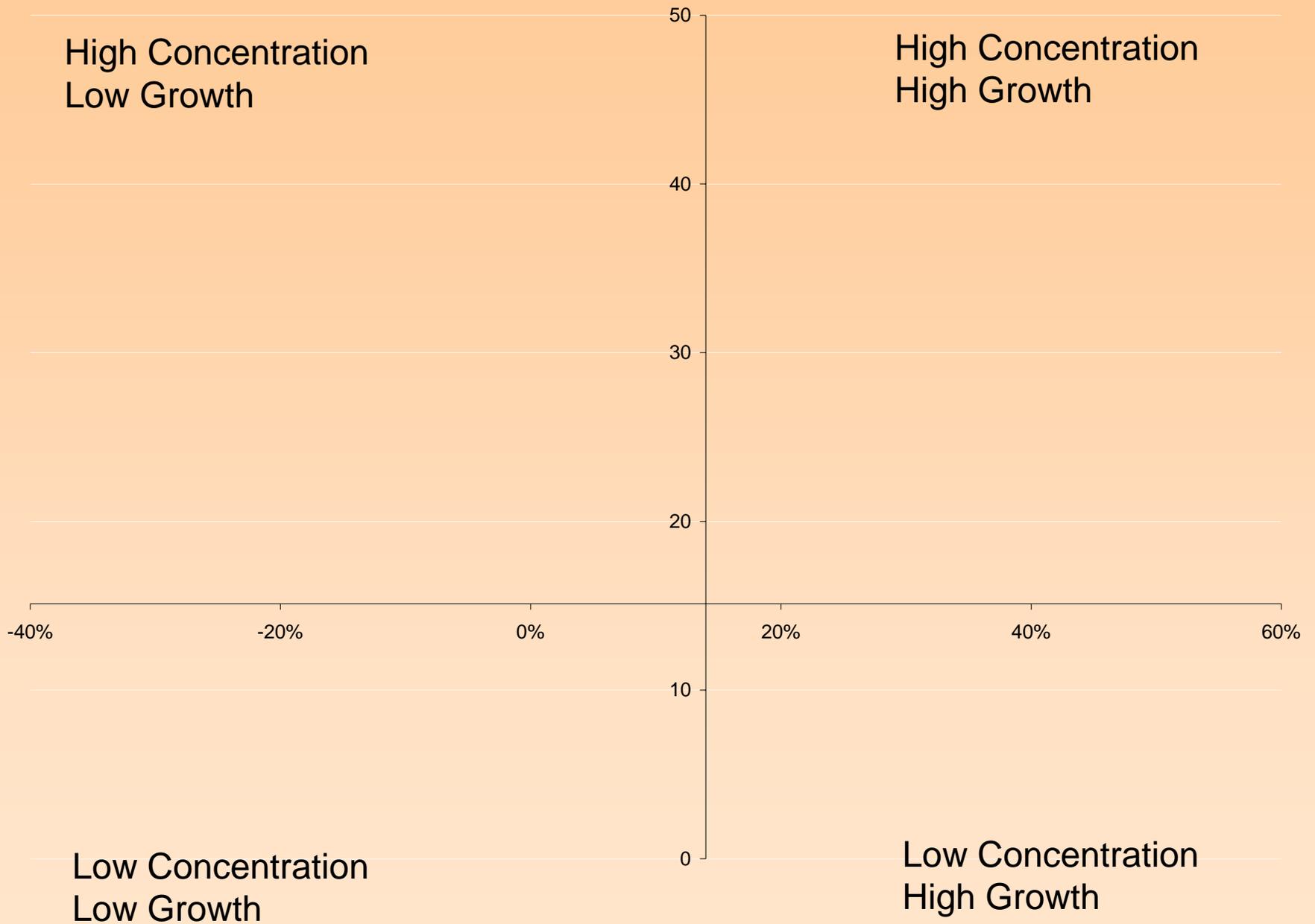


Percent Change in Number of  
Jobs from 1990-2008  
measures **sector growth**

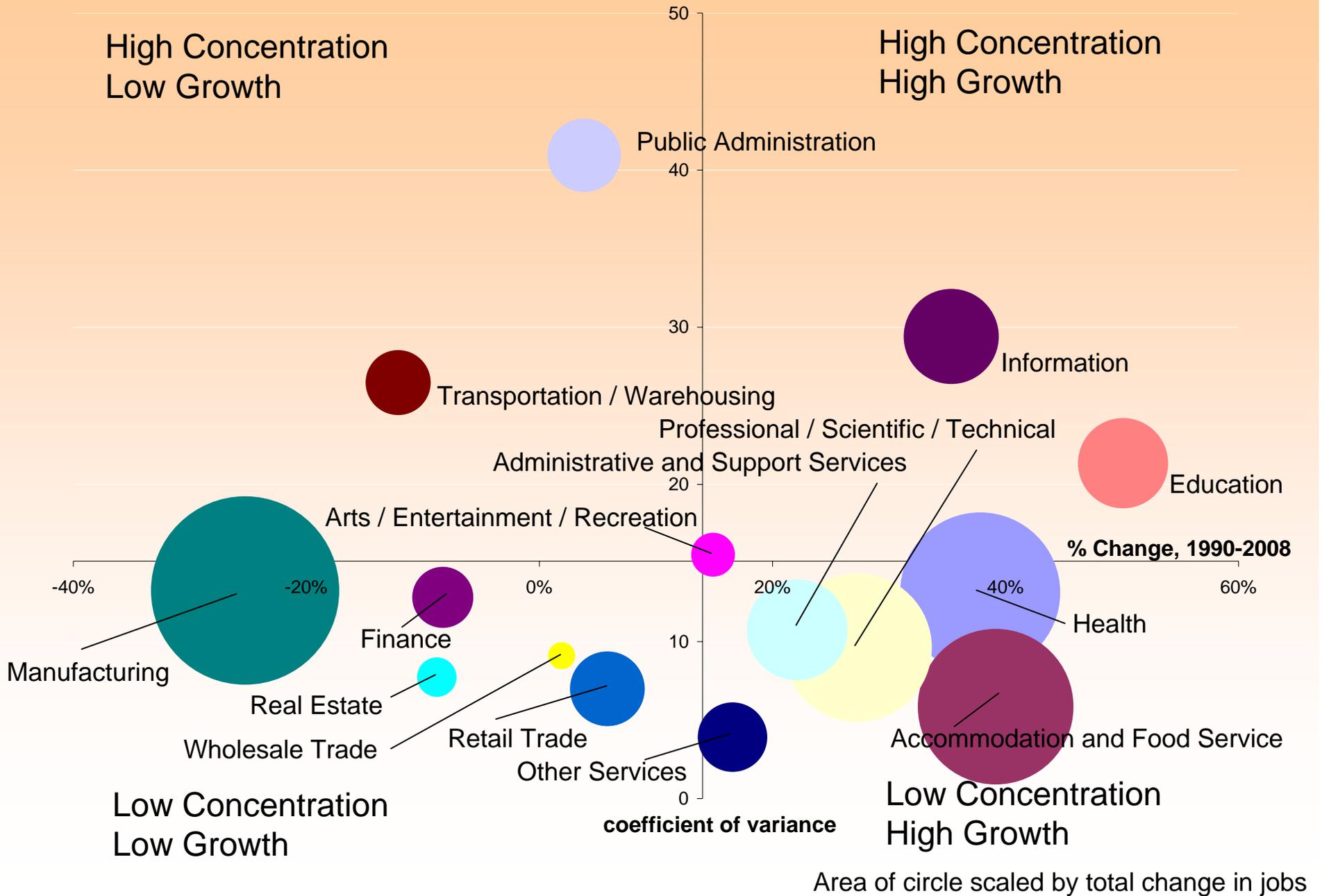


Coefficient of Variance of Jobs per  
Census Block as a measure of  
**spatial concentration**

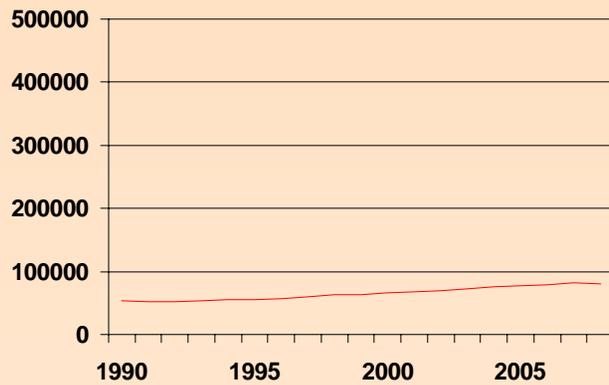
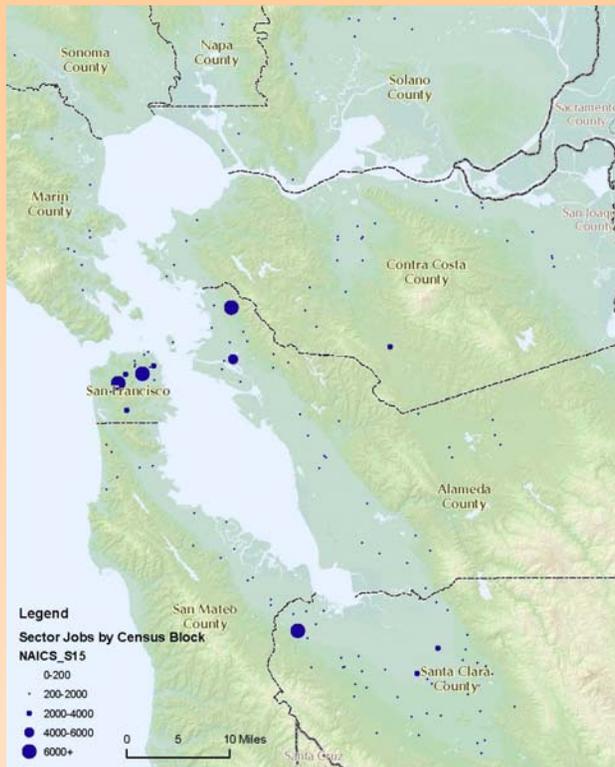




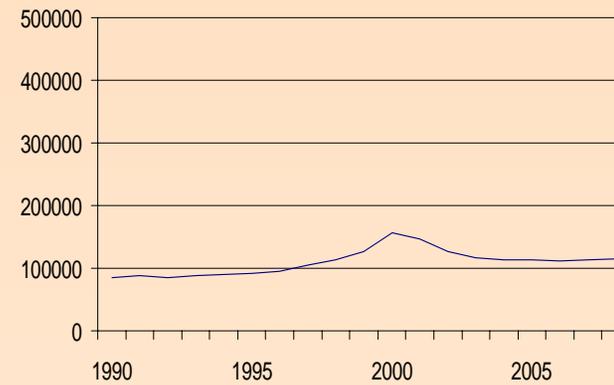
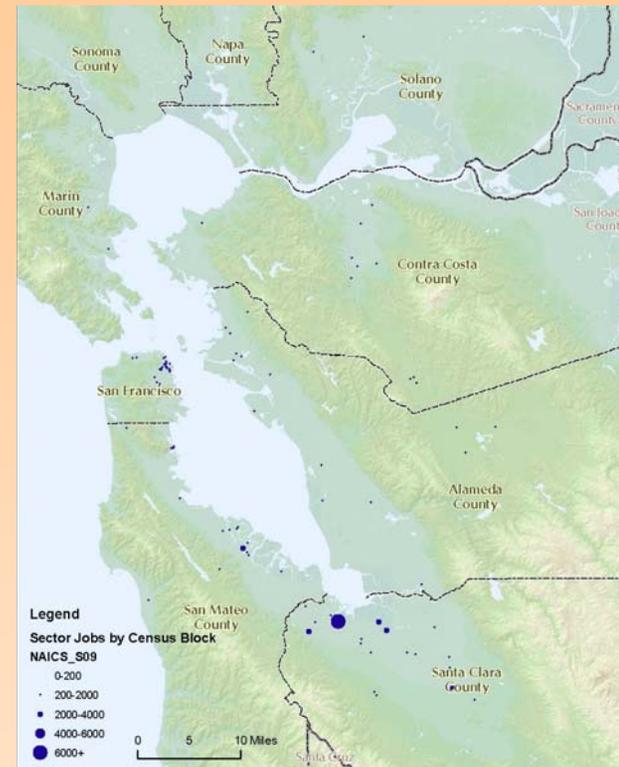
# Sector Growth and Spatial Concentration



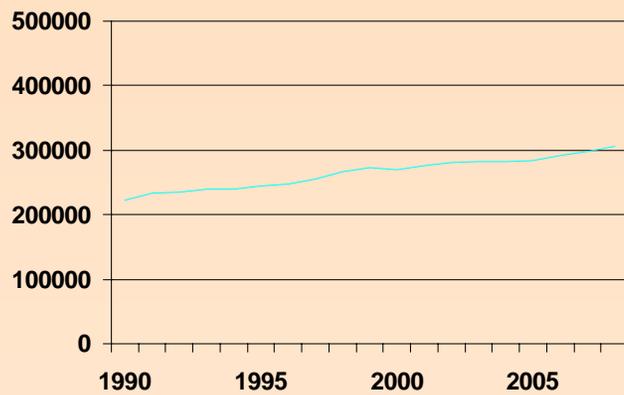
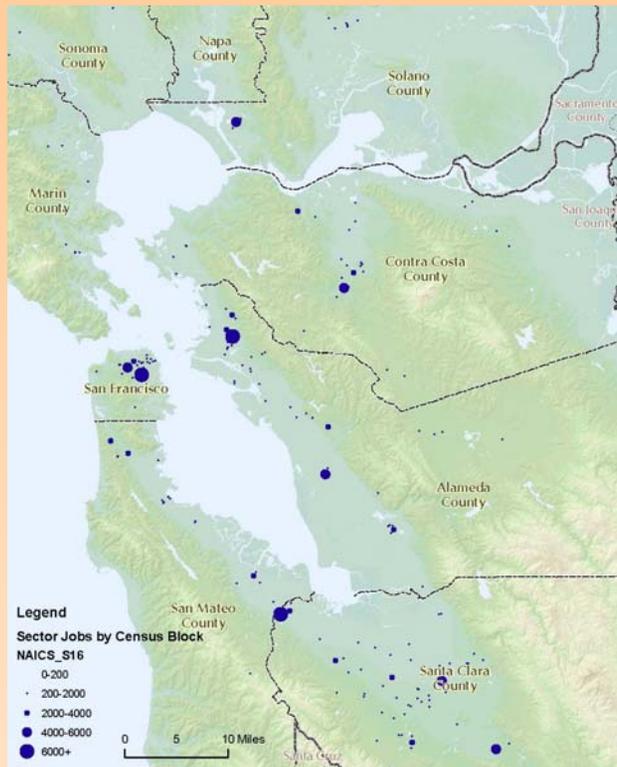
# Educational Services



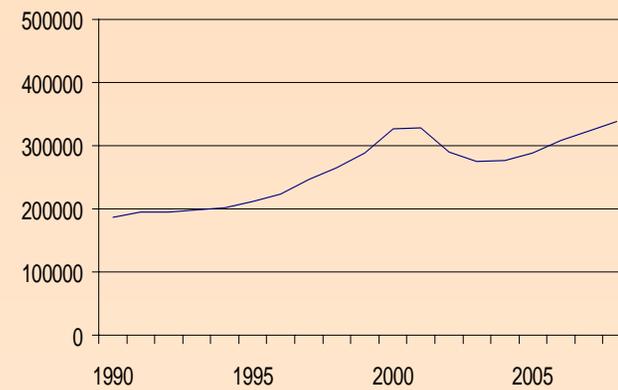
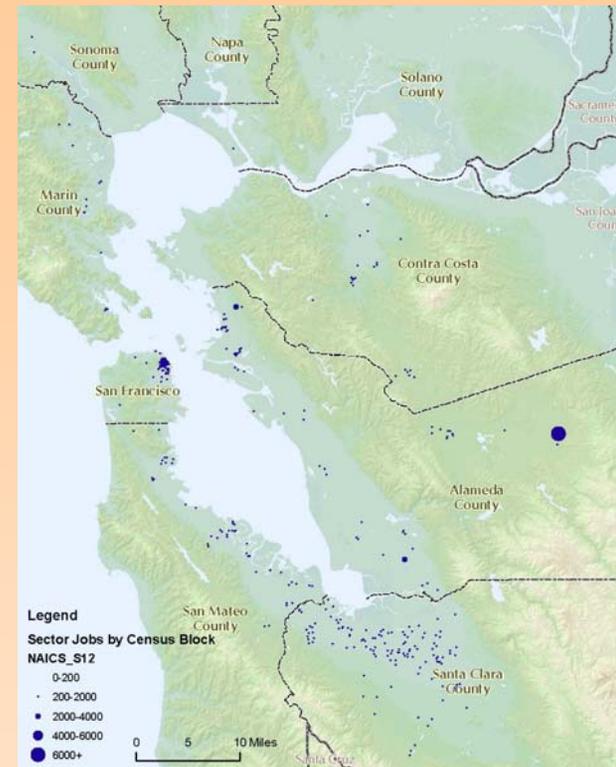
# Information



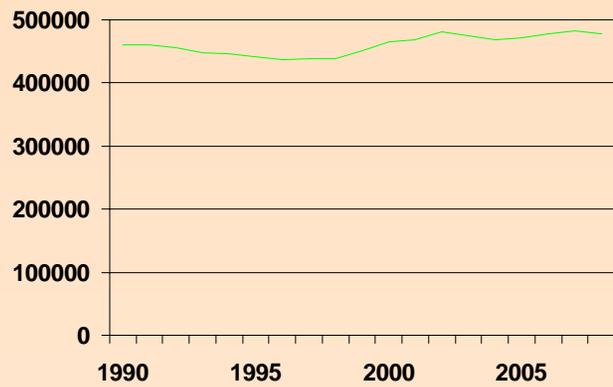
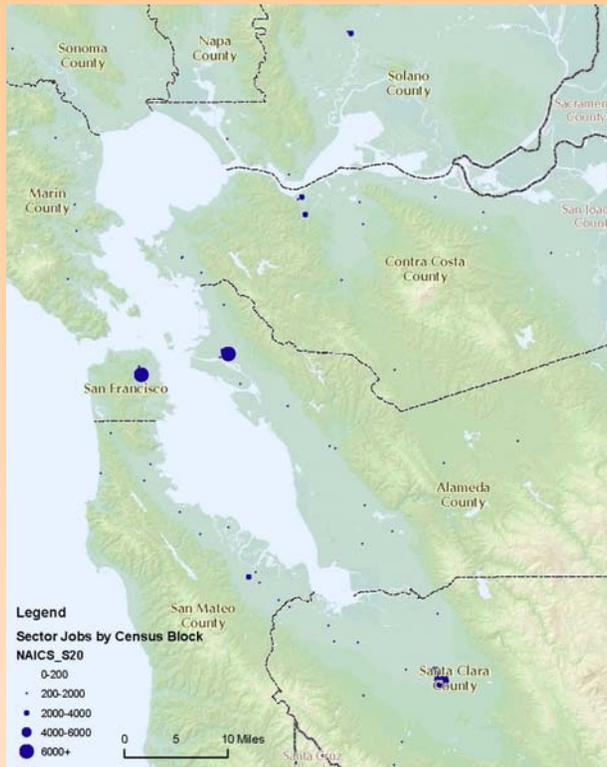
# Health Care and Social Assistance



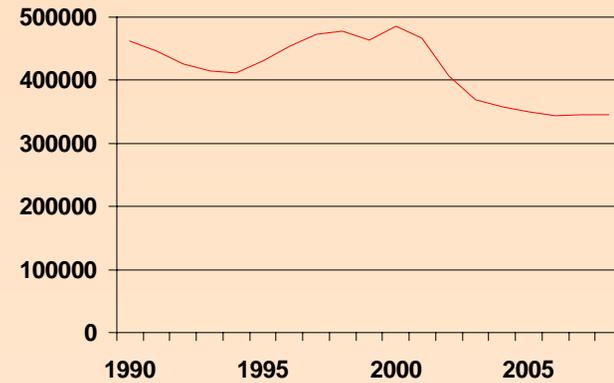
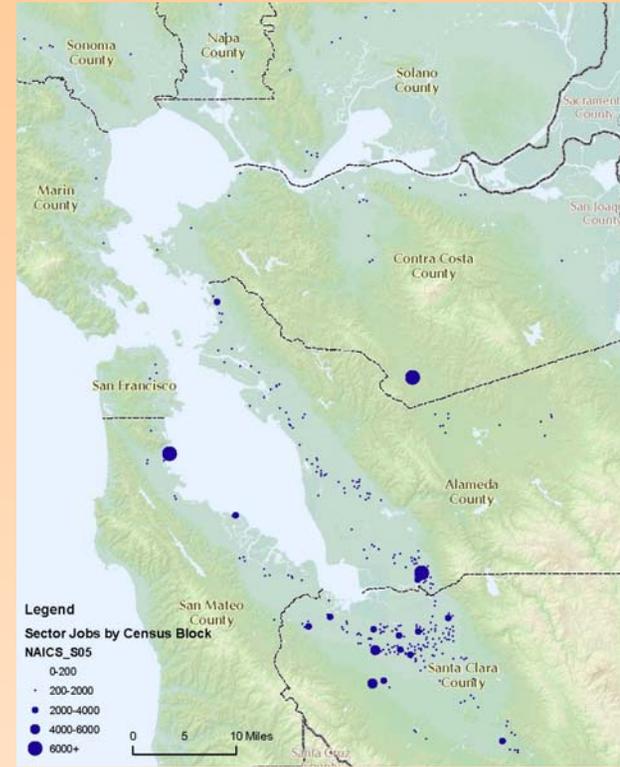
# Professional, Scientific, Technical



# Public Administration



# Manufacturing

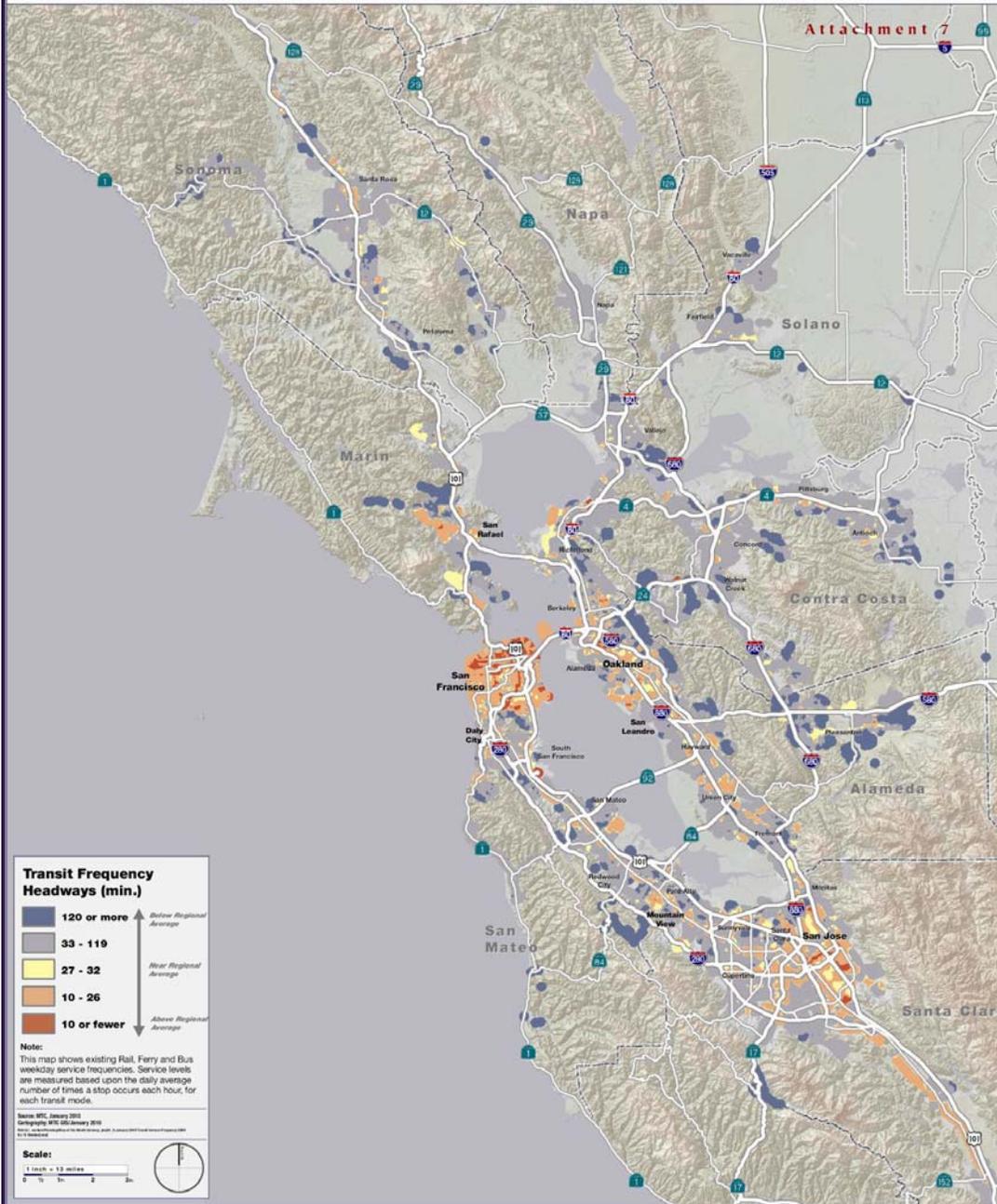


# Transit Service Frequency 2009

Metropolitan Transportation Commission  
Planning, Financing and Coordinating  
Transportation for the nine-county  
San Francisco Bay Area

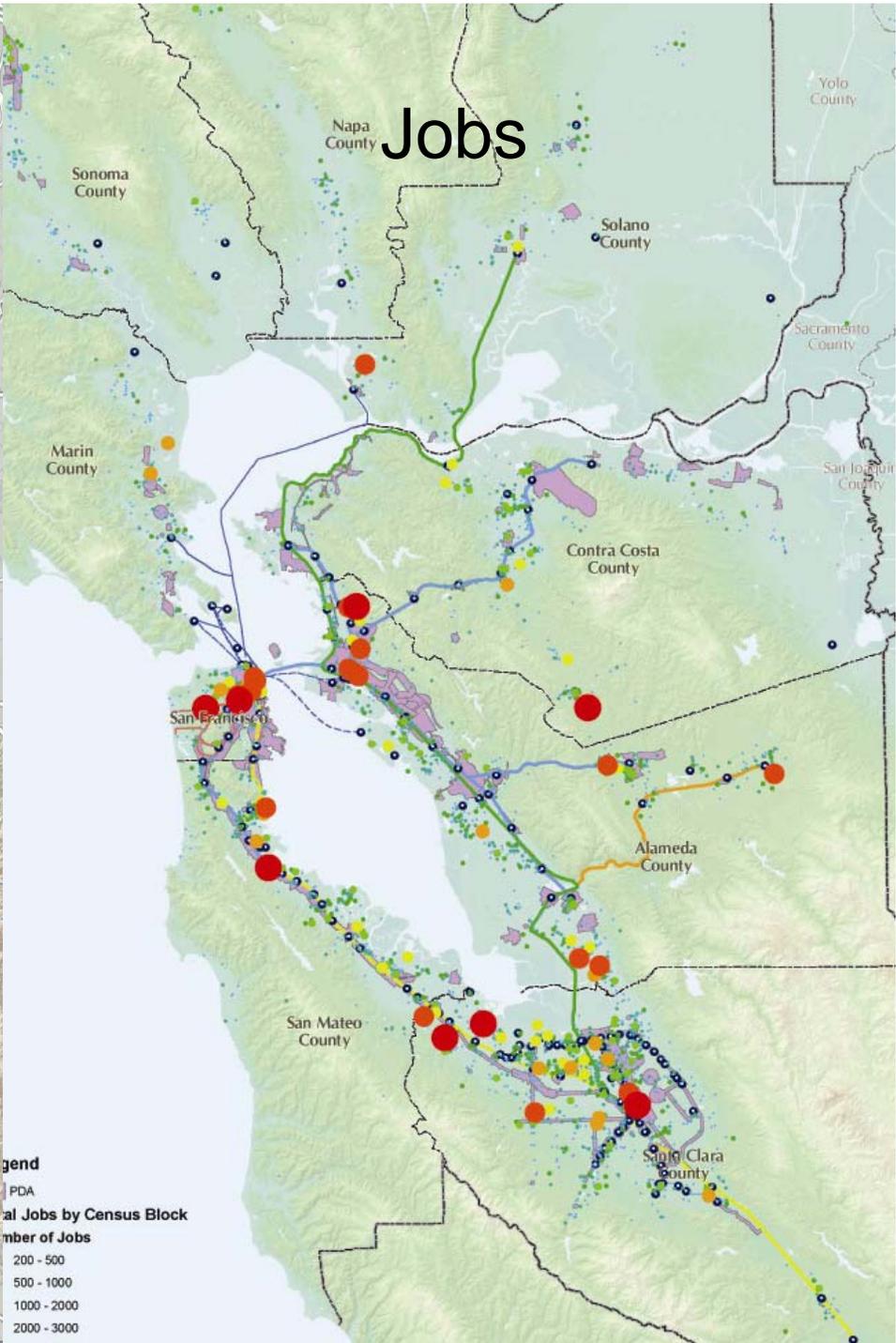
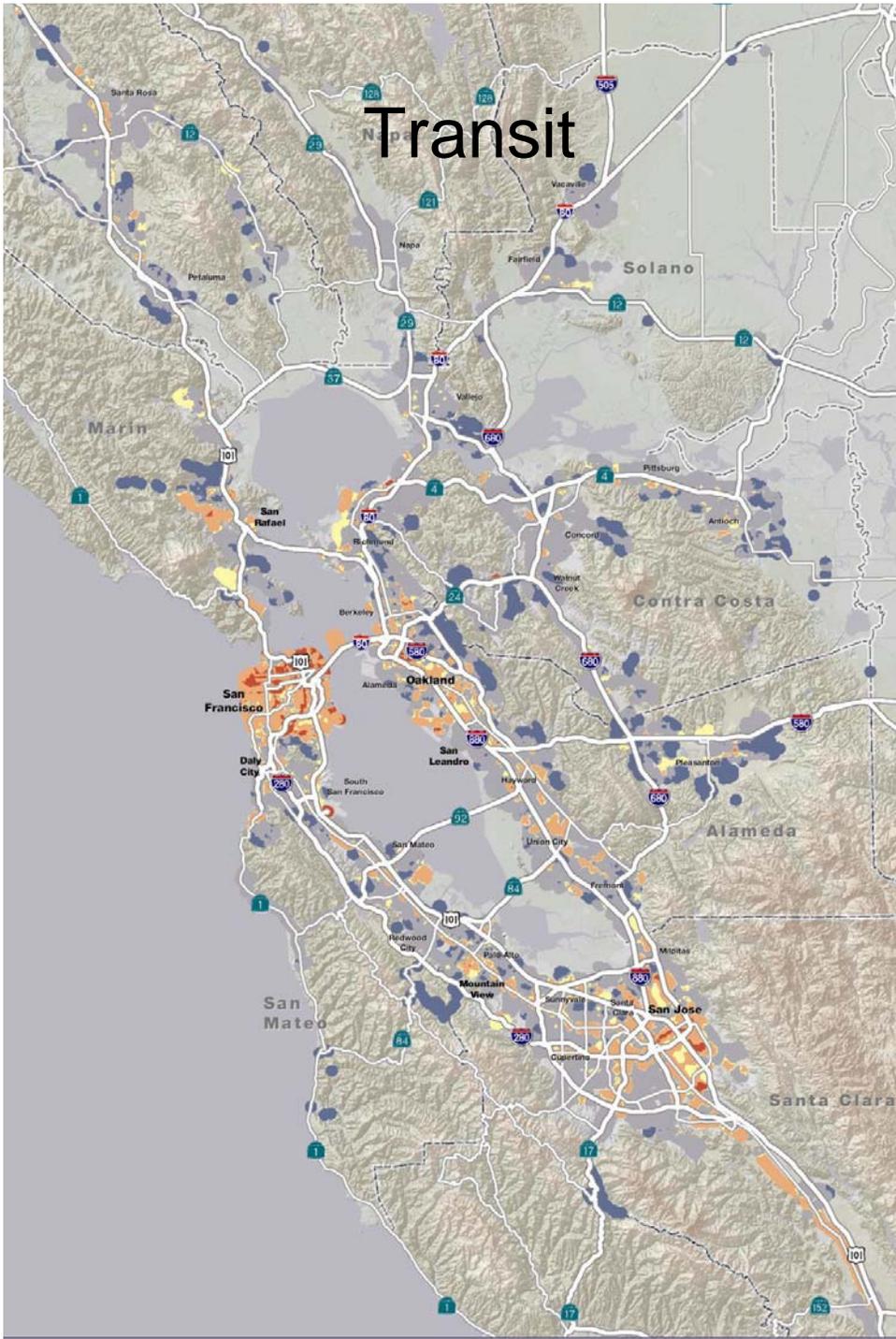
Research and Demographic Unit

Geographic Information Systems Unit

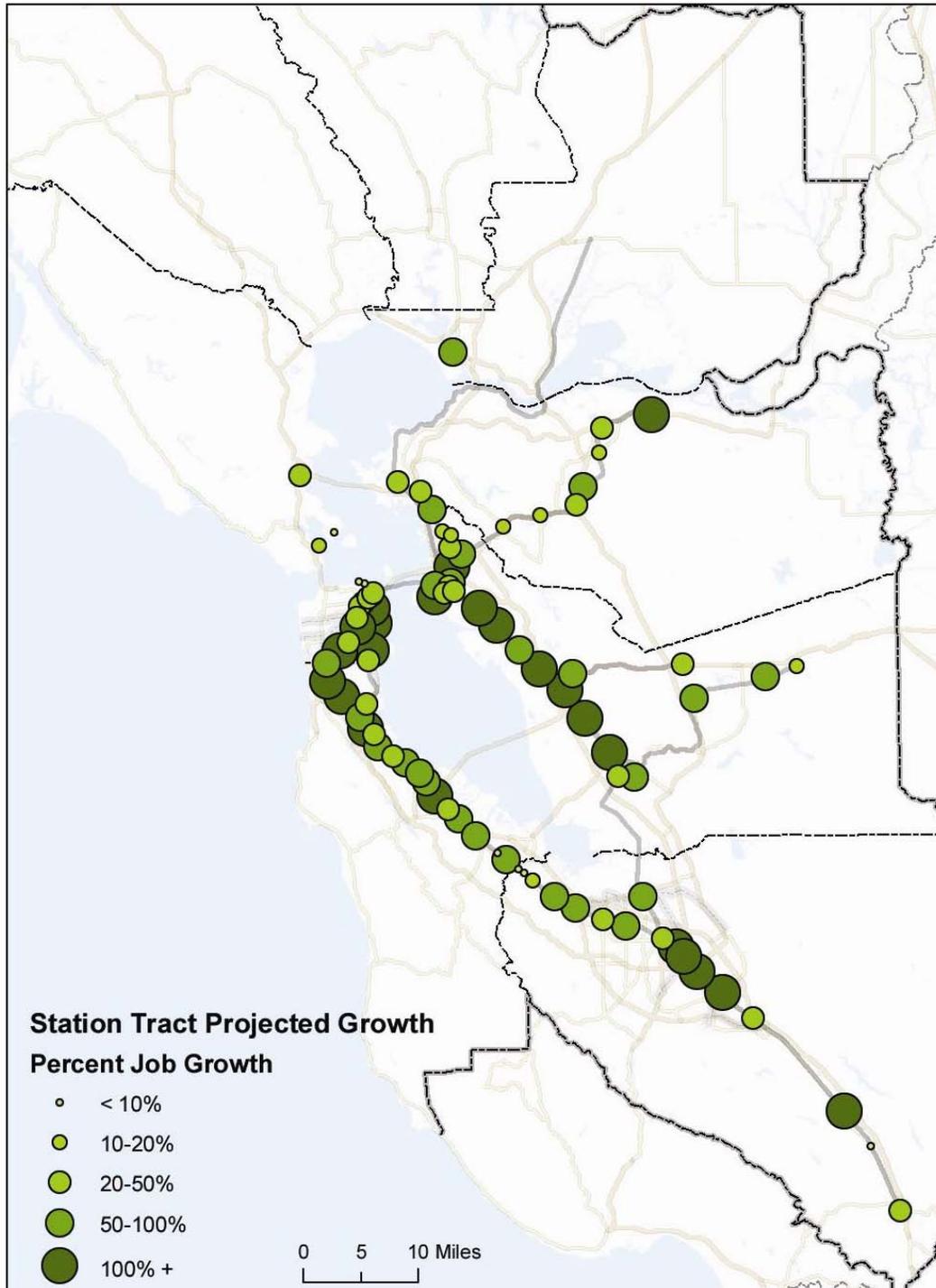


But how do these jobs relate to transit service?

Commute VMT is a function of how well transit serves employment centers as well as how well local housing options match local jobs.



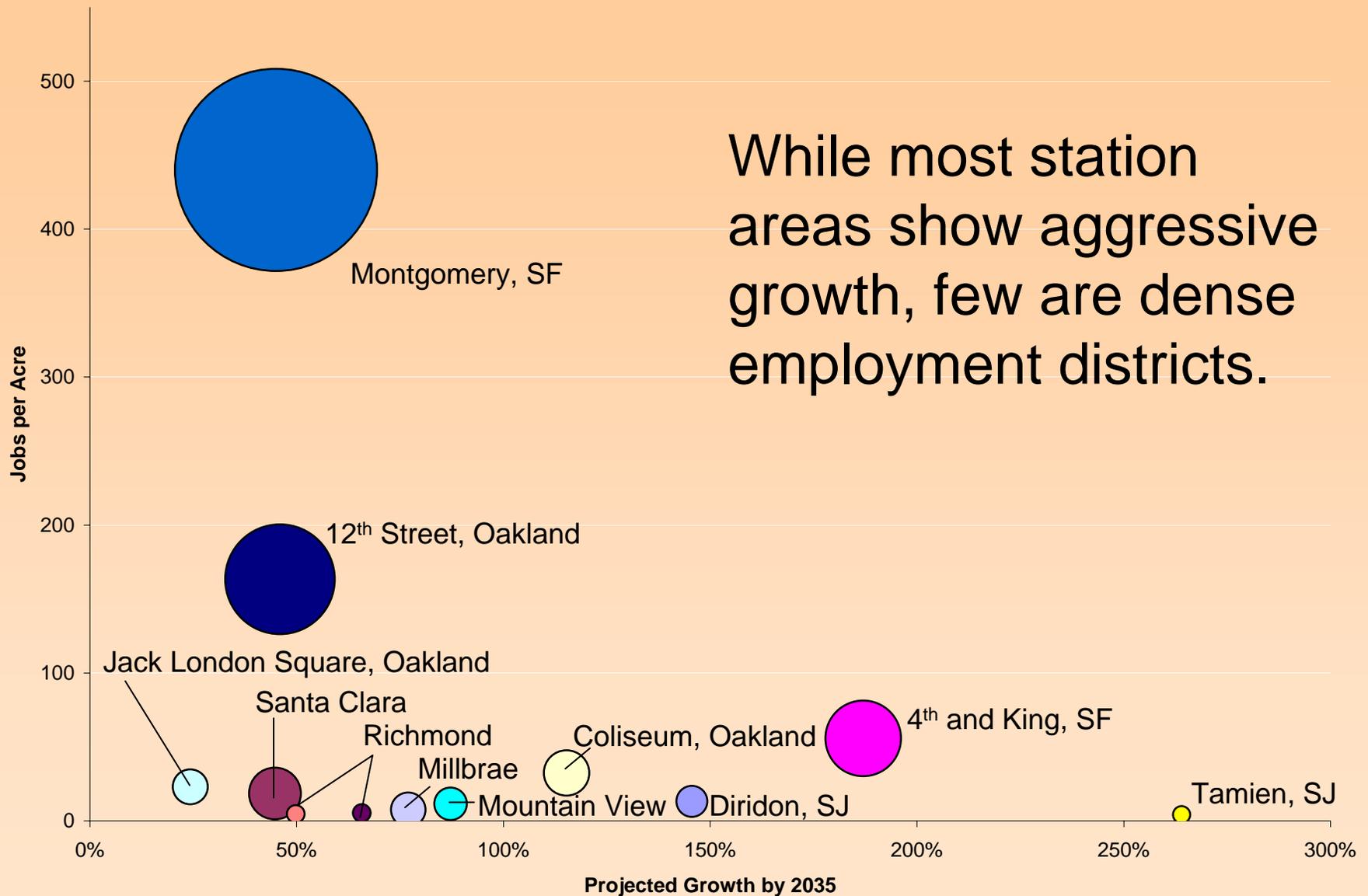
Legend  
 PDA  
 Total Jobs by Census Block  
 Number of Jobs  
 200 - 500  
 500 - 1000  
 1000 - 2000  
 2000 - 3000  
 3000 - 4000



## Job Growth Near Fixed Rail Stations

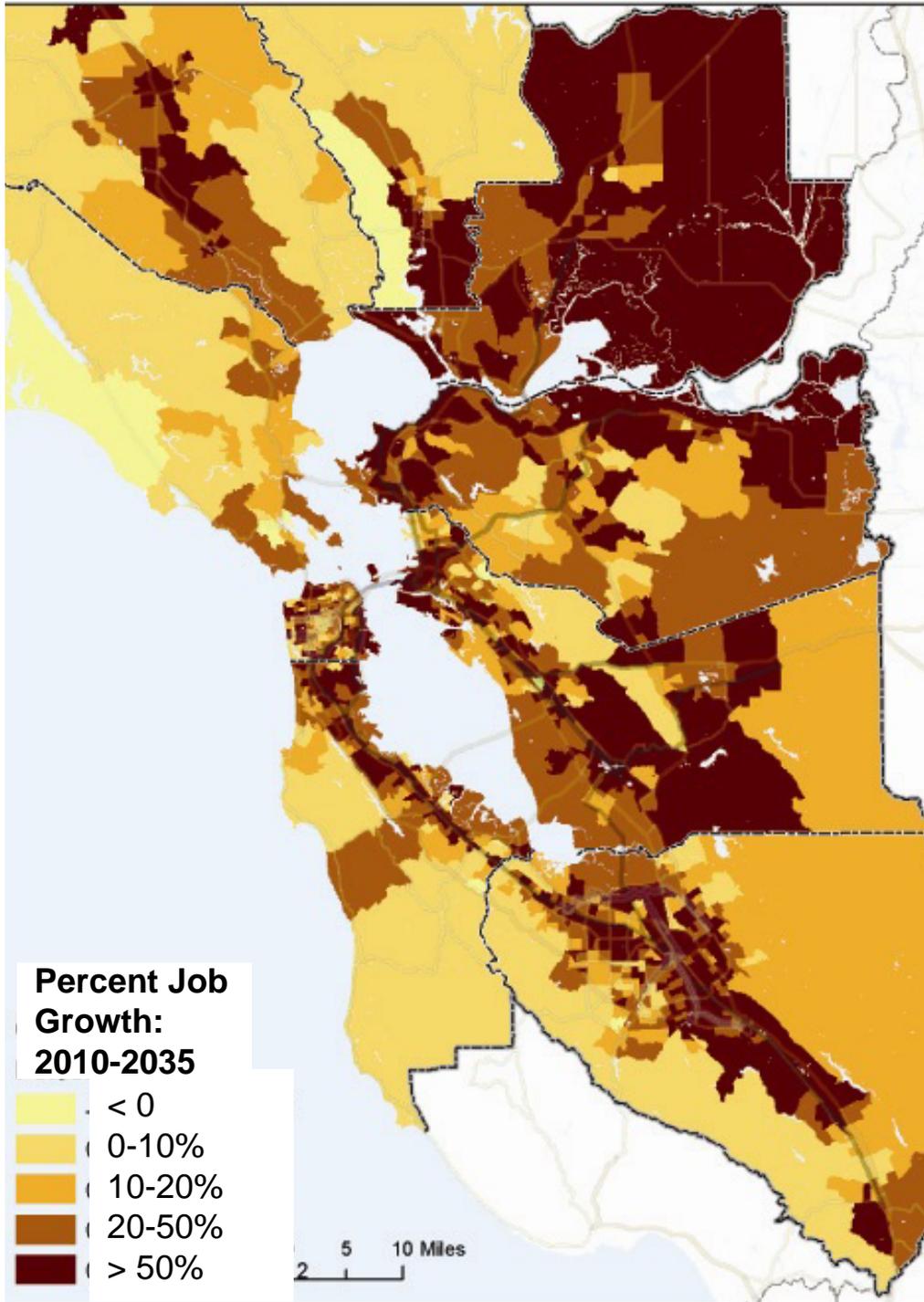
Most existing fixed-rail station areas are projected to grow substantially by 2035.

# Station Area Employment Density and Growth



While most station areas show aggressive growth, few are dense employment districts.

Job density for blocks within a quarter mile of the multimodal station; projected growth for station tract. Area of circle scaled by total jobs.



## Regional Job Growth

Projections 2009 also shows aggressive job growth in less transit-served areas by 2035.

# Questions

What kind of analysis would be most useful for regional and county-level discussion in the Sustainable Communities Strategy?

# Questions

To what extent should we promote a job lens for the SCS? How would a regional job policy work with existing housing policy and local economic development programs?