



Telework, Co-working, and Relocation:

How Will Economic and Technological Changes Alter Work Trips

presented to
SCAG

presented by
Michelle Bina, Cambridge Systematics

co-authors
Jingjing Zang (CS)
Kevin Kane (SCAG)
Anurag Komanduri (CS)
Sneha Roy (CS)

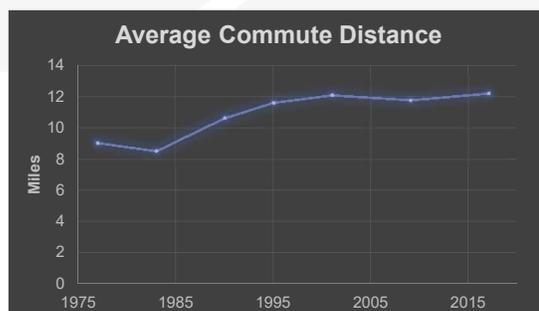
SCAG
SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS

CAMBRIDGE SYSTEMATICS
Think Forward

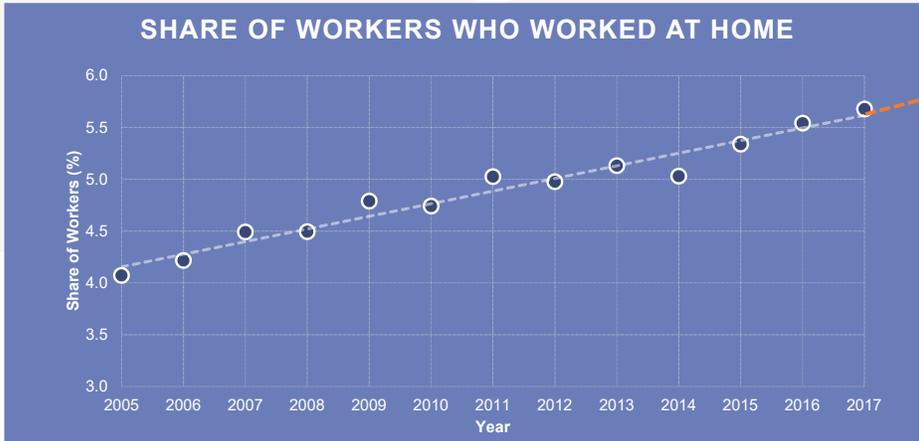
June 6, 2019

Background

- Funding in California is tied to accurate measurement of GHG emissions
- Unique factors in the SCAG region



The Past and the Future



Source: ACS data



New Elements



Existing Data



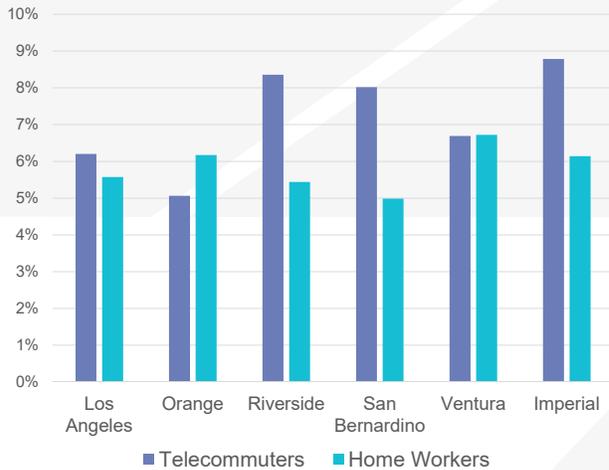
National Household Travel Survey

Understanding How People Get from Place to Place

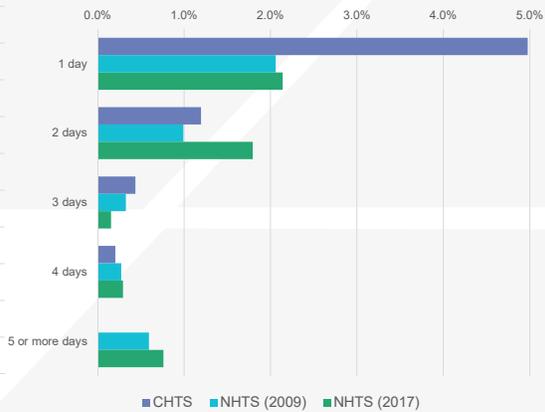


Teleworkers

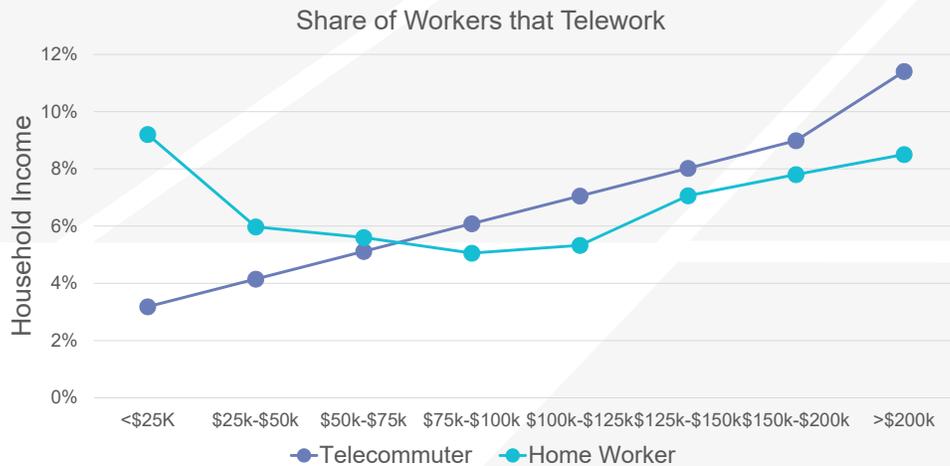
Share of Workers who Telework, by County



Share of Total Workers by Number of Days Telecommuting



Teleworkers by Income



CAMBRIDGE SYSTEMATICS

New Data on Teleworkers

➤ Online Panel Survey

- » 1,336 samples
- » Telecommuters
- » Home workers
- » All 6 counties

➤ Questions

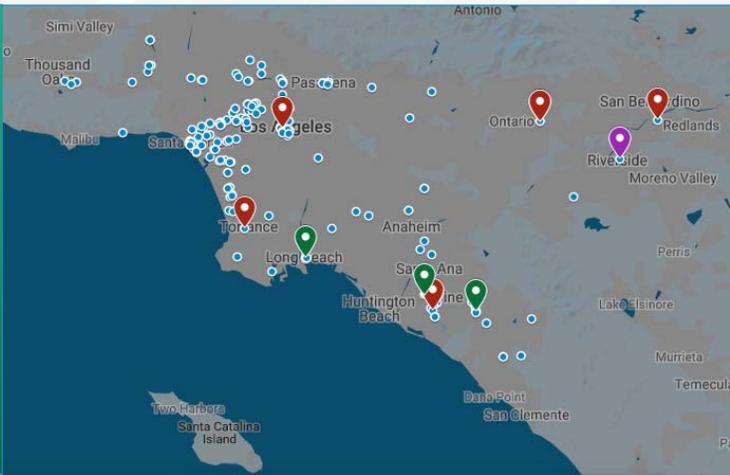
- » Demographics
- » Reasons for teleworking
- » Commute characteristics
- » Relocation
- » Coworking

CAMBRIDGE SYSTEMATICS

Coworking Site Survey

Coworking Spaces

4% of Americans have worked in a coworking site.*

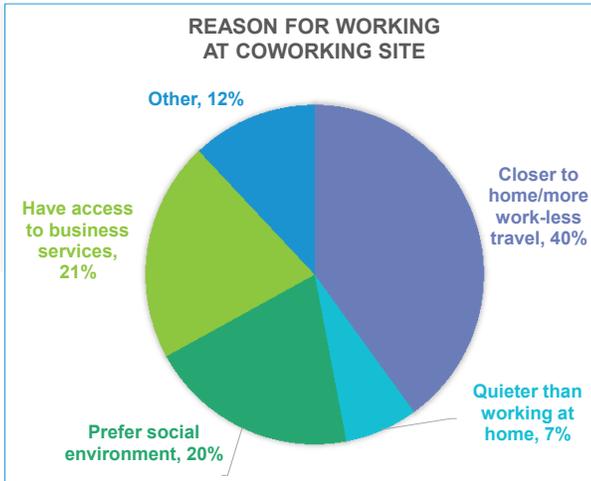


The map displays the Southern California region with various cities labeled. Coworking sites are marked with colored pins: blue, red, green, and purple. A high concentration of blue pins is visible in the Los Angeles area. Other cities with pins include San Bernardino, Redlands, Riverside, Moreno Valley, San Jose, and San Francisco. The map also shows the coastline and major islands like Santa Catalina and Santa Barbara.

*Source: Pew Research Center.

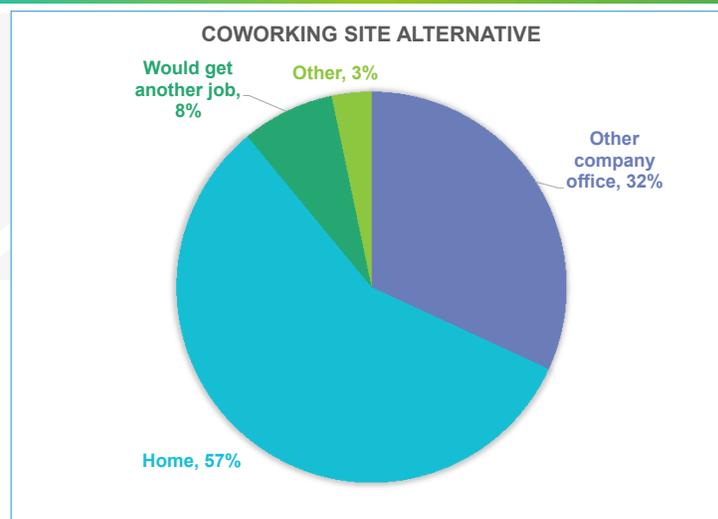


Why Work at a Coworking Site?



CAMBRIDGE SYSTEMATICS 

What's the Alternative?



CAMBRIDGE SYSTEMATICS 

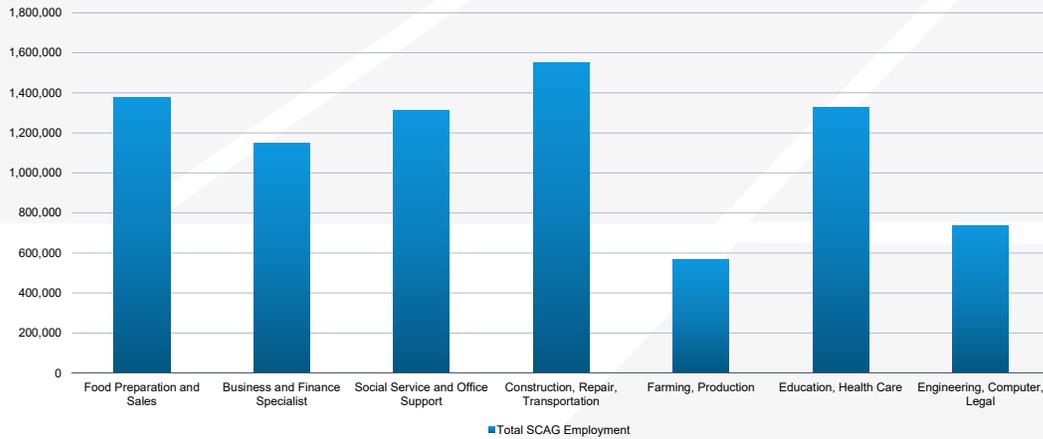
Coworker Travel Behavior



The Future of Work

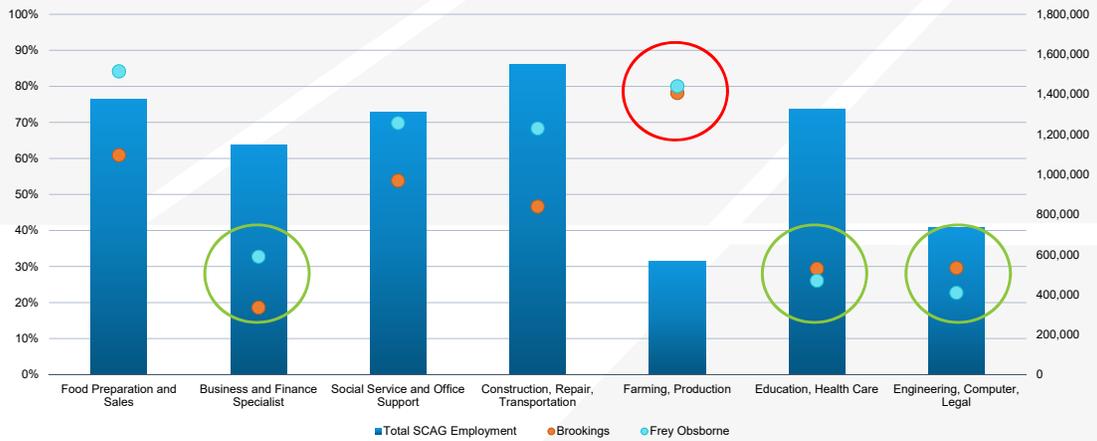
Automation Potential

Automation Potential of Jobs by Occupation

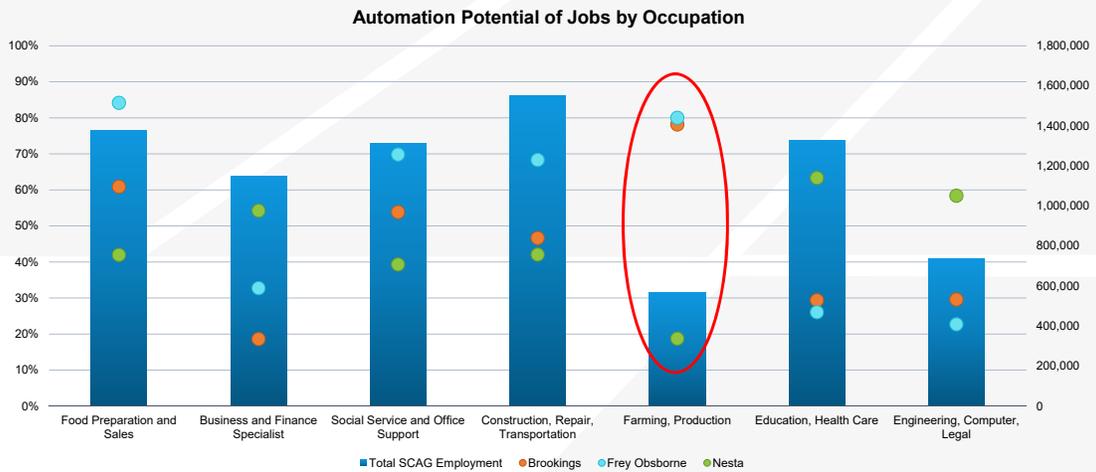


Automation Potential

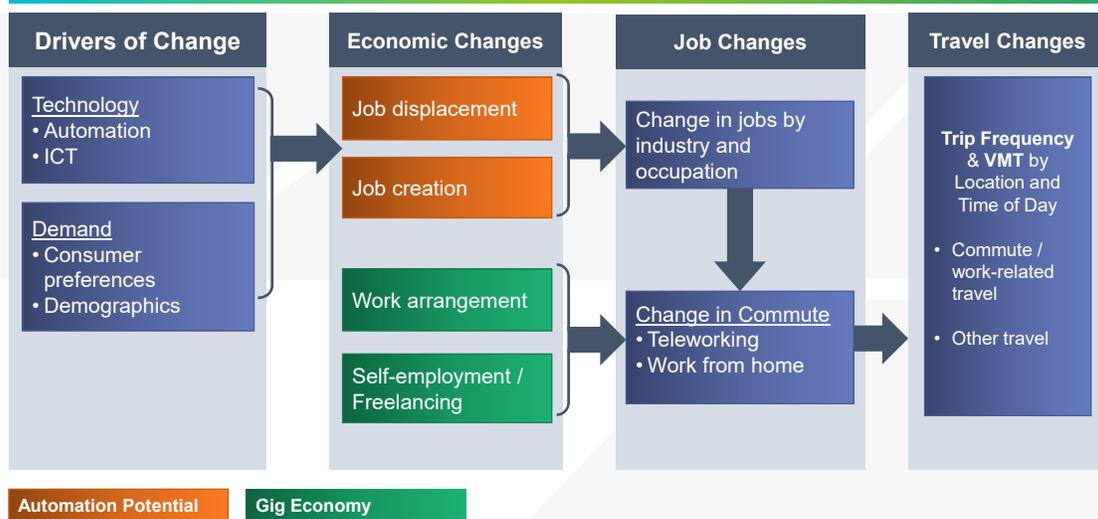
Automation Potential of Jobs by Occupation



Automation Potential



How Does This Fit Together?





Thank You

mbina@camsys.com