

Employment and Travel Survey



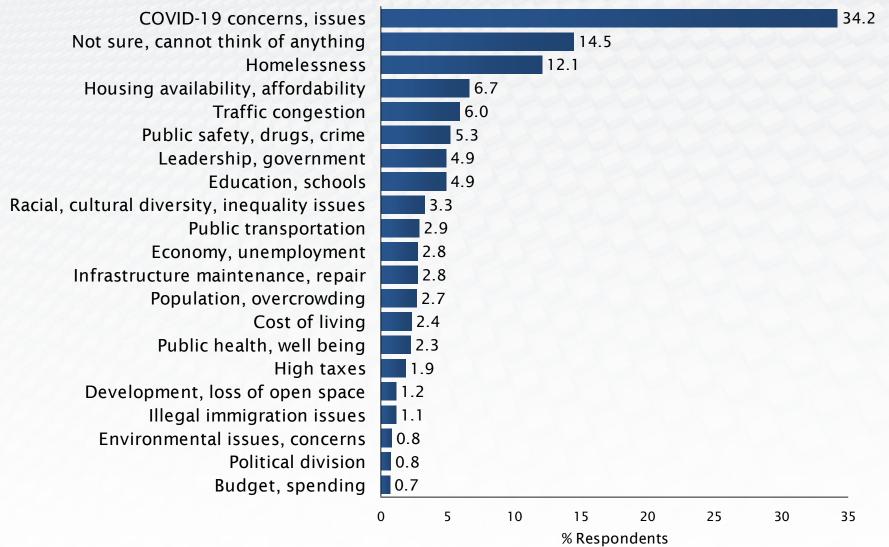
Purpose of Study

- Measure how the coronavirus (COVID-19) and the temporary closure of non-essential businesses in California has altered public attitudes, working arrangements, travel behaviors, mode choice, rideshare, and trips in the short-term.
- Establish baseline metrics against which a future tracking survey can be employed to identify enduring, long-term impacts.

Methodology of Study

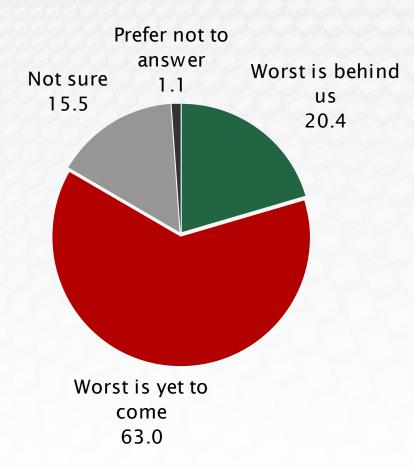
- Conducted July 10 to July 22, 2020
- Mixed-Methodology Survey
 - \odot Stratified random sample of OC Households
 - Multiple recruiting methods (telephone & email) and data collection options (telephone & online)
 - Completed 2,548 interviews
 - English, Spanish & Vietnamese
- Overall margin of error: ± 1.94%

Most Important Issues



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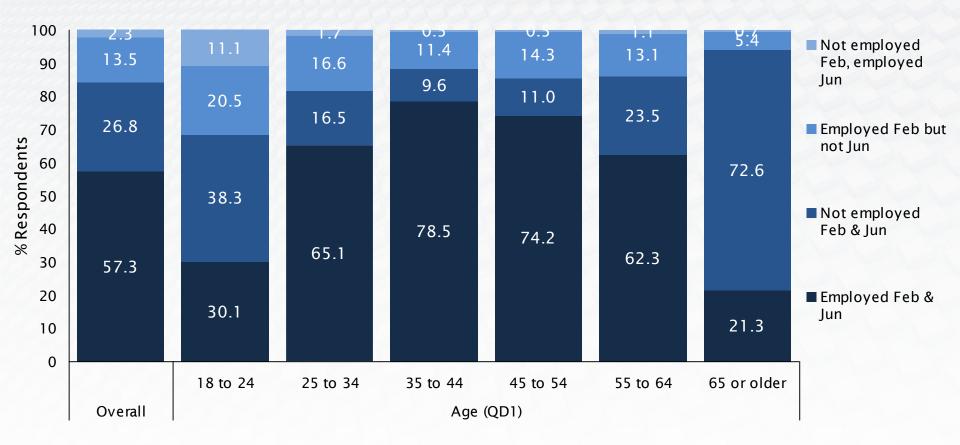
Opinion of Covid-19



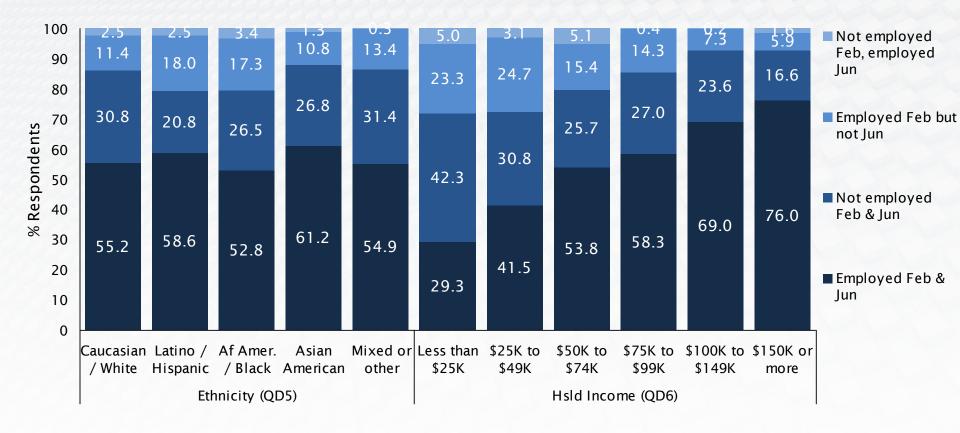
Employment Status: February and June



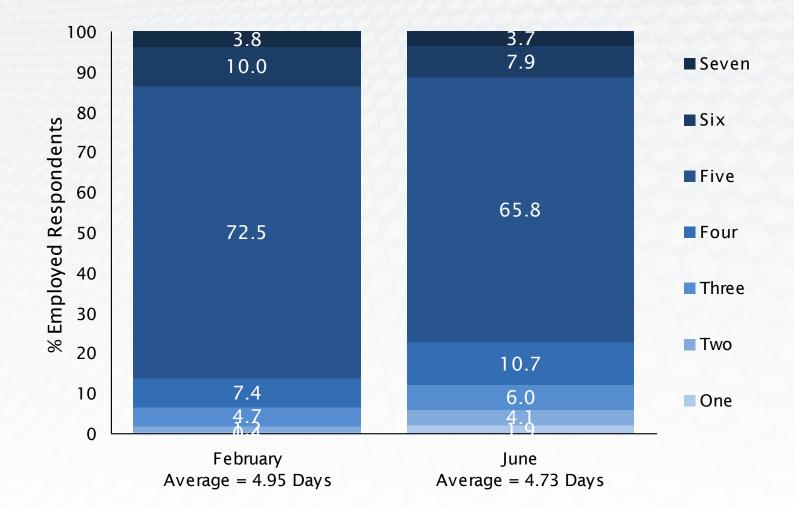
Change in Employment By Age



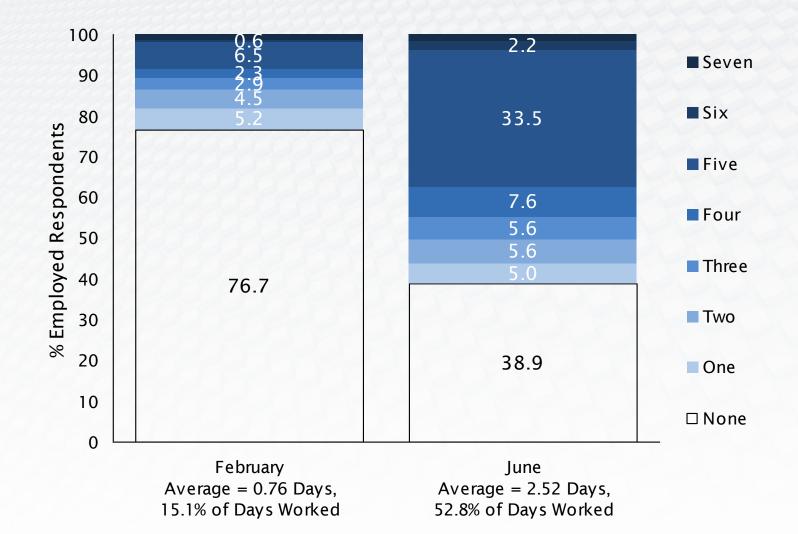
Change in Employment By Ethnicity and Income



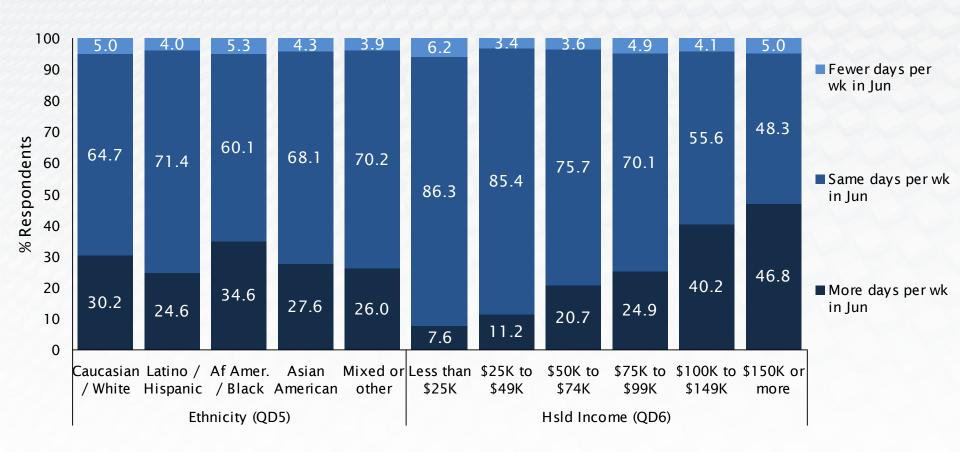
Workdays Per Week: February and June



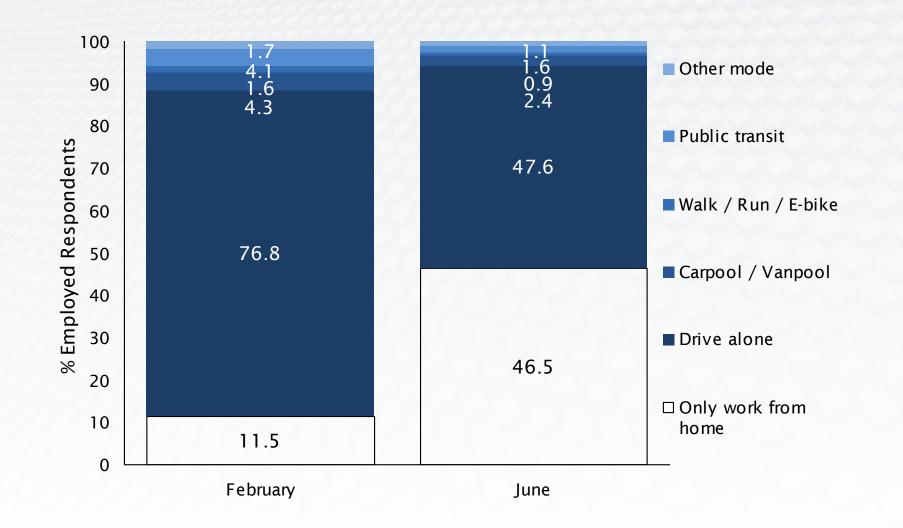
Telework Days Per Week: February and June



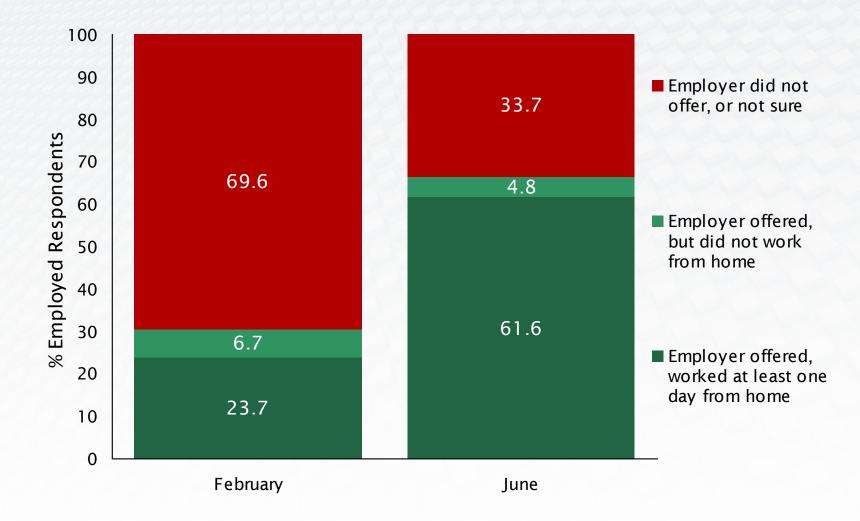
Change in Teleworking By Ethnicity and Income



Work Commute Mode: February and June

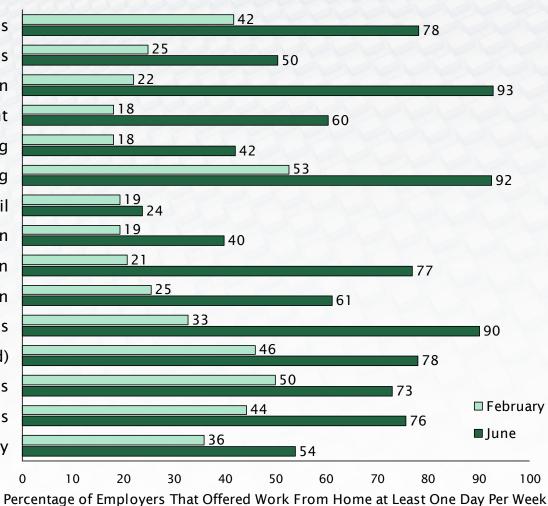


Telework Allowed?: February and June



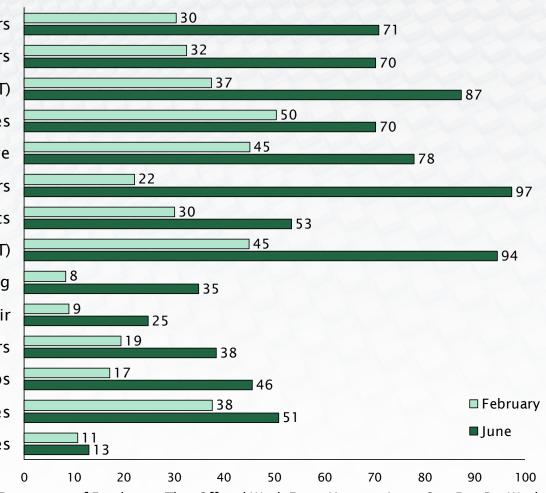
Telework Allowed By Industry

Business Services Medical, Social Services Education Hospitality, Visitor, Entertainment Non IT Manufacturing **IT Manufacturing** Retail Transportation Government / Public Admin Construction **Financial Services** Sales (unspecified) **Biosciences**, Pharmaceuticals **Energy**, Natural Resources Security



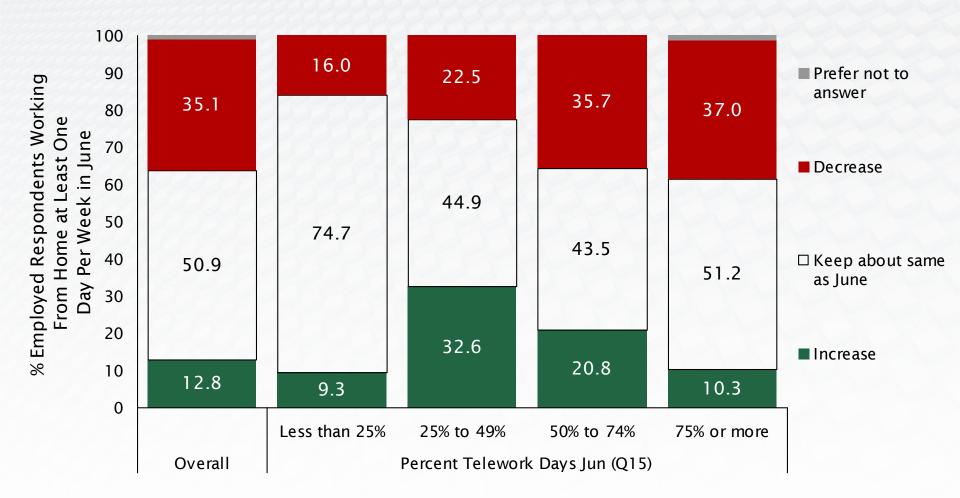
Telework Allowed By Occupation

Supervisors, managers Administrative, office workers Professional specialty (not IT) Sales Executive Teachers Medical assistants Information technology (IT) Food preparation and serving Craft and repair Operators, fabricators and laborers Customer service reps **Protective services** Nurses

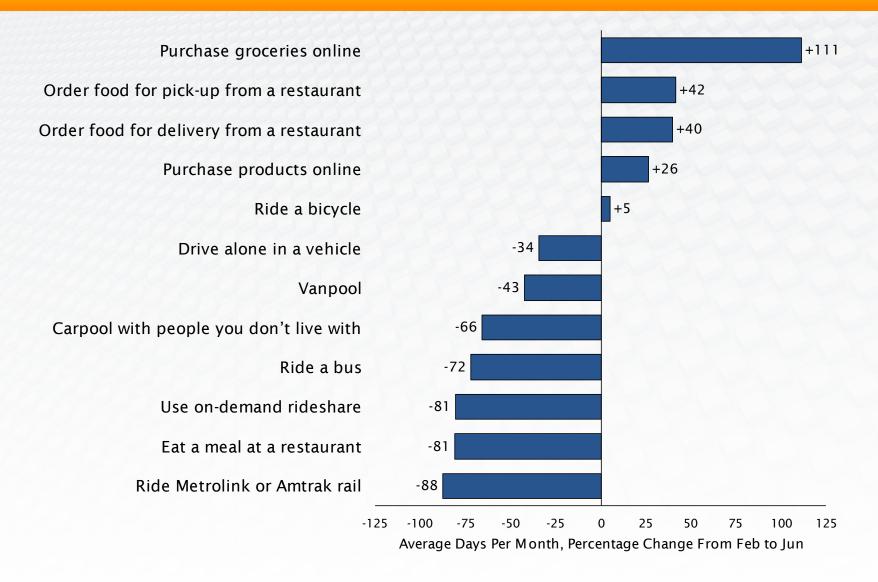


Percentage of Employers That Offered Work From Home at Least One Day Per Week

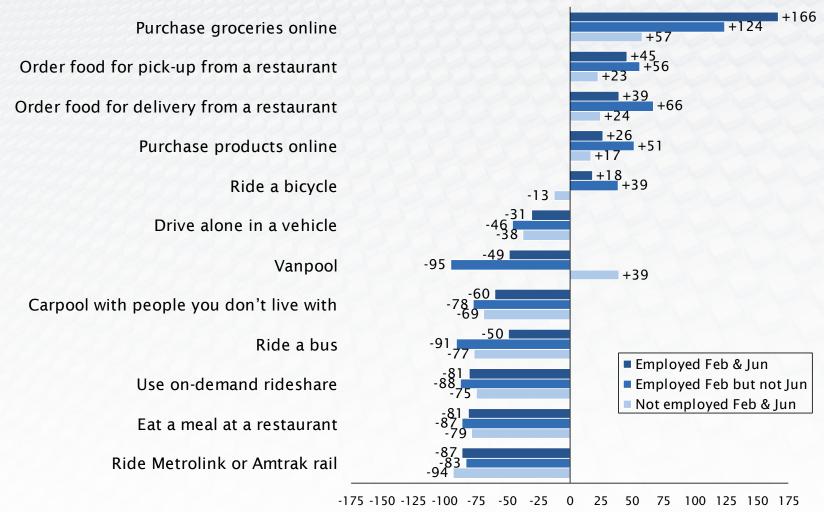
Telework Days Preference Post-COVID-19



Personal Activities: February vs June



Personal Activities: February vs June By Employment



Average Days Per Month, Percentage Change From Feb to Jun

Key Takeaways

- The COVID-19 pandemic has had *dramatic* impacts on employment, working arrangements, and travel behavior in Orange County
 - Unemployment increased from 4% to 18% between February and June.
 - Working from home increased from 0.76 days per week to 2.56 days per week for the *average* employee.
 - Working exclusively from home increased from 12% to 47% of employees.
 - Reductions in commute and non-work trips have resulted in large reductions in use of transit, active transportation, and rideshare.
 - Reductions in use of transit, active transportation, rideshare, and driving are occurring for a mix of reasons – higher unemployment, remote work, and fewer opportunities for non-work trips.