

Planning, Policy
&
Programming

JANUARY 2021

Project Title:
Changes in Mode Share in California

Task Number: 3342

Start Date: January 1, 2020

Completion Date: December 31,
2021

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Changes in Mode Share in California

A brief synthesis of existing literature that supports the travel survey analysis will be included, as well. For this project, the researchers will provide two deliverables: a draft and final report.

WHAT IS THE NEED?

The purpose of this project is to develop possible explanations for changes in mode share using the 2010-2012 California Household Travel Survey (CHTS) and the California sample in the 2017 National Household Travel Surveys (NHTS). The research team will also use the 2009 NHTS to help examine methodological effects that could explain any differences between the 2010-2012 CHTS and the 2017 NHTS.

WHAT ARE WE DOING?

In this project, existing travel survey data will be analyzed, and findings related to changes in mode share in California will be summarized. A brief synthesis of existing literature that supports the travel survey analysis will be included, as well. For this project, the researchers will provide two deliverables: a draft and final report. The research team expects the report to summarize the change in mode share in California, to provide evidence for potential reasons for the change with the purpose of helping Caltrans evaluate their progress in meeting their specific goals of tripling bicycling and doubling walking and transit.

WHAT IS OUR GOAL?

The completed report will include the following: literature review, methods, analysis, and results. The report will include a discussion of the plausible explanations for the results. The explanations will focus on the quantitative results obtained in the analyses but



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will also include discussions about unaccounted for variables. This report is expected to provide a rigorous evaluation of the change (or perhaps only differences if the methodological effects are overwhelming) in mode share from statewide sources.

- Deliverable 4A: Draft report
 - Deliverable 4A Requirements: Complete a draft report summarizing all the above tasks
- Deliverable 4B: Analysis revisions and final report
 - Deliverable 4B Requirements: Review Caltrans' comments; expand prior analyses to address any concerns or comments; and revise the report.

WHAT IS THE BENEFIT?

To provide evidence for potential reasons for the change with the purpose of helping Caltrans evaluate their progress in meeting their specific goals of tripling bicycling and doubling walking and transit.

WHAT IS THE PROGRESS TO DATE?

October 2020 - Finalized analysis of the impacts of methodological impacts Complete final report.

Developed recommendations for Caltrans on performance metrics for increasing active modes.

IMAGE



Image 1: People riding on bicycles