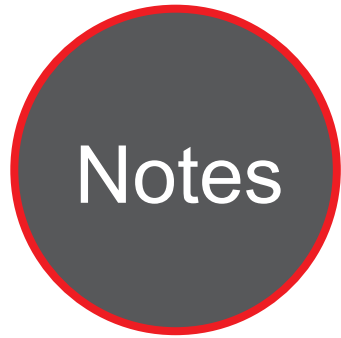




Caltrans Division of Research,  
Innovation and System Information

# Research



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Project Title:  
Implementation of Action 6 of the  
California Sustainable Freight  
Action Plan (CSFAP) Phase 3:  
Tracking Economic  
Competitiveness

Task Number: 3408

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## Implementation of Action 6 of the California Sustainable Freight Action Plan (CSFAP) Phase 3: Tracking Economic Competitiveness

Reporting on the economic competitiveness of the California freight sector to the Governor’s Office of Business and Economic Development (GO-Biz) and analyzing the effects of specific state actions, policies, or regulations related to the California Sustainable Freight Action Plan (CSFAP) on the freight sector.

### WHAT IS THE NEED?

California Executive Order B-32-15 required several state agencies to create an integrated action plan to improve the efficiency, environmental impact, and economic competitiveness of the freight sector in California. The California Sustainable Freight Action Plan (CSFAP) was approved by the Governor in 2016. Action 6 of the CSFAP requires that the competitiveness of the freight sector be promoted, a target and metrics for competitiveness be established, and benefits and impacts of state actions be analyzed.

In collaboration with Caltrans, GO-Biz initiated work with the University of Southern California (USC) to identify appropriate economic competitiveness metrics, and track long term progress in meeting the competitiveness goals of the CSFAP. In phase 2, USC and GO-Biz worked with a group of representatives from the public and private sector to research and identify definitions for “economic competitiveness” and “freight industry”.

This led to the development of metrics for economic competitiveness, identifying overall targets for economic competitiveness, and identifying relevant and accessible freight data. This phase 3 seeks to identify data system needs and institutionalized annual reporting and tracking of the metrics and perform detailed analysis of the economic effects of specific state actions identified in the CSFAP.



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## WHAT ARE WE DOING?

### Task 1: Data System Development

Develop a system for obtaining data and calculating metrics annually. These metrics will be reported to GO-Biz and freight industry stakeholders, and will be part of the CSFAP monitoring process. The metrics will be used to guide CSFAP implementation policies.

### Task 2: CSFAP Assessment

The CSFAP economic competitiveness provisions require assessment of the economic impacts of the CSFAP on the freight sector. This includes identifying and prioritizing CSFAP policies, conducting an economic impact study of one set of policies or regulations, and reviewing the results with the economic competitiveness working group to develop recommendations in a report for GO-Biz and Caltrans. The results of the economic impact analysis will identify funding opportunities for future impact studies.

### Task 3: Final Report; Other Project Deliverables

The final report will describe the results of Tasks 1 and 2. A draft final report will be submitted to Caltrans, GO-Biz, and the working group to be finalized accordingly. Quarterly reports will be submitted to Caltrans throughout the project. In compliance with Caltrans and USDOT requirements, the consultant will provide a Data Management Plan (DMP), to the Pacific Southwest Region (PSR) University of Transportation Center. The consultant will provide a Caltrans Research Brief, and a PSR Research Brief to the PSR.

It provides a forum for state DOTs to share their maintenance innovations with each other, support technology transfer activities, and develop marketing plans for implementing the selected ready-to-deploy maintenance innovations and technologies.

## WHAT IS OUR GOAL?

The goal is to institutionalize the measurement and tracking of the economic competitiveness of California's freight sector and incorporate it into the CSFAP monitoring process. A second goal is to begin the process of examining the benefits and impacts of CSFAP implementation on the freight sector.

## WHAT IS THE BENEFIT?

This study will develop a process for maintaining data and calculating metrics that identify economic competitiveness and a cost and benefits evaluation that determines the impacts of regulatory actions on freight industry and business, as required by AB 32. This economic analysis will assist in evaluating the policies and strategies proposed and implemented by the CSFAP. The study will also contribute to effective implementation of CSFAP and the greenhouse gas emission reduction reduction goals of AB 32 and SB 32.

## WHAT IS THE PROGRESS TO DATE?

The Project Panel meeting will occur in Fall 2019.

## IMAGES

Table: California vs. US employment by freight sector; 2016 and Change 2015-16

Sector	CA emp 2016	Change 2015-16	US emp 2016	Change 2015-16
All carriers	349,062	6%	3,106,305	3%
Freight transport service providers	328,030	9%	2,892,763	6%
All transport dependent activities	127,479	2%	1,375,269	1%
Reverse logistics	50,249	2%	454,479	1%
Subtotal	855,320	6%	7,828,816	3%
Cargo owners	4,056,319	1%	37,094,953	0.5%
Total	4,912,140	2%	44,923,769	1%

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