

California Household Travel Survey

What? The California Department of Transportation (Caltrans) conducts the California Household Travel Survey (CHTS) every ten years to obtain detailed information about the household socioeconomic characteristics and their travel behavior statewide.

Why? Regional travel models, the Statewide Travel Demand Model, the Statewide Integrated Interregional Transportation, and Land Use and Economic Model use statewide multi-modal regional and interregional household travel behavior data as a base to forecast future travel behavior and transportation system needs.

The CHTS data will be used to develop and calibrate regional travel demand models to forecast Greenhouse Gas emissions (GHG) generated and enable Senate Bill 375 and Senate Bill 391 implementation.

How? The CHTS was designed to collect travel information from households in all of the California's 58 counties, plus portions of three adjacent counties in Nevada, using combination of computer assisted telephone interviewing (CATI), online, and three types of global positioning systems (GPS) devices--wearable, in-vehicle and in-vehicle plus an on-board diagnostic (OBD) unit. Travel information was collected for every day for a full year.

Partners? California Association of Councils of Governments, California Energy Commission, Air Resources Board, Department of Public Health, Housing and Community Development, Strategic Growth Council and regional agencies had organized a Steering Committee and prepared a work plan and funding plan for implementation of the CHTS project. The total cost of the survey design and implementation was approximately \$10 million dollars.

Products? The product of this project is a comprehensive report about the travel information of the households. Also, the result of the survey is summarized in an ACCESS database consisting of six sample data summary tables (households, person, place, activities, long distance trips, and vehicles).

Mode	2010-2-12 Mode Share
Auto/Van/Truck Driver	49.3%
Auto/Van/Truck Passenger	25.9%
Walk Trips	16.6%
Public Transportation Trips	4.4%
Bicycle Trips	1.5%
Private Transportation Trips	0.6%

Who will benefit? The survey data will be used by Caltrans, the California Energy Commission for their vehicle choice model and other vehicle fuel related studies, the Air Resources Board for a variety of purposes. Other customers include metropolitan planning organizations, regional transportation planning agencies, universities and private consultants.



Contacts

Soheila Khoii, (916) 651-7578

soheila.khoii@dot.ca.gov

Mohammad Assadi, (916) 654-4238

mohammad.assadi@dot.ca.gov