2009 National Household Travel Survey — California Add-On

NREL Transportation Secure Data Center Data Dictionary

Region: California

Agency: Federal Highway Administration

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Summary

The Federal Highway Administration conducted the National Household Travel Survey (NHTS) with assigned travel dates from March 2008 through May 2009. The NHTS collected data on the demographic and socioeconomic composition of households, as well as detailed information on travel behavior nationwide. State transportation departments and metropolitan planning agencies had the opportunity to purchase extra household samples as part of the NHTS add-on program. These additional samples, along with national samples collected in the add-on areas, are compiled for use in transportation planning, forecasting, and research.

The California Department of Transportation participated in the NHTS add-on program and received a total of 21,225 household samples in California.

Table Definitions

Table	Description
survey_households	A record in this table represents a household unit that had all of its residents aged 5+ complete all portions of the survey.
survey_location	A record in this table represents a place location reported at any level of the household. Every household has a home location record. Every person that is a student or worker has a location record. Every trip has a location record.
survey_person	A record in this table represents an individual household member. Households were instructed to list all persons living in the household. Persons were ordered by the household member that initially responded to the survey invitation.
survey_trips	A record in this table represents a trip that was reported individually by a household person for the households instructed travel date. For the travel day survey portionparticipants were asked to report all locations they went to from 4am to 3:59am the next day regardless of how long they were there including trips that may have started and ended at the same location like walk or bicycle trips for exercise.
survey_vehicles	A record in this table represents a household vehicle. Participants were asked to list any vehicle that a household person ownedleased or had available for regular use, including motorcycles, mopeds, and RVs.

Column Definitions

Column	Table	Data Type	Description
awayhome	survey_trips	bigint	Travel day reason S was away from home
best_edt	survey_vehicles	bigint	Flag any edits/adjustments to BESTMILE
best_flg	survey_vehicles	bigint	How BESTMILE was computed
best_out	survey_vehicles	bigint	Flag identifying BESTMILE outlier values
bestmile	survey_vehicles	double precision	Best estimate of annual miles
borninus	survey_person	bigint	Respondent was born in U.S.
carrode	survey_person	double precision	Number of people in vehicle last week
cdivmsar	survey_households, survey_vehicles, survey_person, survey_trips	bigint	Grouping of HH by combination of Census Division, MSA status, and presence of a subway system (if area > 1 million)
census_d	survey_households, survey_vehicles, survey_person, survey_trips	bigint	Census division classification for home address
census_r	survey_households, survey_vehicles, survey_person, survey_trips	bigint	Census region classification for home address
cnttdhh	survey_households	bigint	Category of number of household trips
cnttdtr	survey_person	double precision	Count of travel day trips for this respondent
condnigh	survey_person	bigint	Medical condition results in limiting driving to daytime
condpub	survey_person	bigint	Medical condition results in using bus/subway less frequently
condride	survey_person	bigint	Medical condition results in asking others for rides
condrive	survey_person	bigint	Medical condition results in giving up driving
condspec	survey_person	bigint	Medical condition results in using special transit services
condtax	survey_person	bigint	Medical condition results in using a reduced fare taxi
condtrav	survey_person	bigint	Medical condition results in reduced day-to-day travel
deliver	survey_person	double precision	Number of these internet purchases delivered to home
dest_geom	survey_location	geom	Geometric point (SRID 4326) of destination
diary	survey_person	bigint	Indicates if travel diary was completed
disttosc	survey_person	bigint	Distance home to school
disttowk	survey_person	double precision	One-way distance to workplace (miles)
driver	survey_trips, survey_person	bigint	Driver status
drop_prk	survey_trips	bigint	Parked or dropped off at public transit
drvr_flg	survey_trips	bigint	Subject was driver on this trip
drvrcnt	survey_households, survey_vehicles, survey_person, survey_trips	double precision	Number of drivers in HH
dtacdt	survey_person	bigint	Respondents view on Safety concerns
dtconj	survey_person	bigint	Respondents view on Highway congestion
dtcost	survey_person	bigint	Respondents view on Price of travel (fees, tolls, and gas)

Column	Table	Data Type	Description
dtrage	survey_person	bigint	Respondents view on Aggressive/distracted drivers
dtran	survey_person	bigint	Respondents view on Access or availability of public transit
dtwalk	survey_person	bigint	Respondents view on Lack of walkways or sidewalks
dweltime	survey_trips	double precision	Calculated Time (minutes) at Destination
educ	survey_trips, survey_person	bigint	Highest grade completed
eiadmpg	survey_vehicles	double precision	EIA derived miles per gasoline-equivalent gallon estimate
endtime	survey_trips	bigint	Trip END time in military
epatmpg	survey_vehicles	double precision	Unadjusted 55/45 combined fuel economy
epatmpgf	survey_vehicles	bigint	Imputation flag for EPATMPG
everdrov	survey_person	bigint	Has been a driver in the past
flag100	survey_vehicles, survey_person, survey_trips, survey_households	bigint	Did HH have 100% of members complete interview?
flextime	survey_person	bigint	Respondent can set or change start time of work day
fmscsize	survey_person	double precision	Number of people on from school trip
frsthm	survey_trips, survey_location, survey_person	bigint	Did Person Start Travel Day at Home?
fueltype	survey_vehicles	double precision	Type of fuel
fxdwkpl	survey_person	bigint	No fixed workplace
gasprice	survey_trips	double precision	Price of gasoline (cents) on respondents travel day
gcdwork	survey_person	double precision	Great circle distance (miles) between home and work
grade	survey_person	bigint	Grade allowed to walk/bike to/from school without adult
gscost	survey_vehicles	double precision	Fuel cost in nominal US dollars per gasoline-equivalent gallon
gstotcst	survey_vehicles	double precision	Annual fuel expenditures in nominal US dollars
gsyrgal	survey_vehicles	double precision	Annual fuel consumption in gasoline-equivalent gallons
gt1jblwk	survey_person	bigint	Have more than one job
hbhtnrnt	survey_vehicles	bigint	Percent Range CY Housing Units
hbhtnrnt	survey_households, survey_trips, survey_person	bigint	Percent Range CY Housing Units, Renter Occ
hbhur	survey_households, survey_vehicles, survey_trips, survey_person	text	PRIZM Social Group Code
hbppopdn	survey_households, survey_vehicles, survey_trips, survey_person	bigint	Density Range CY Population per square mile
hbresdn	survey_households, survey_vehicles, survey_trips, survey_person	bigint	Density Range CY Housing Units per square mile
hh_cbsa	survey_households, survey_person, survey_vehicles, survey_trips	text	CBSA FIPS code for HH address
hh_hisp	survey_vehicles, survey_person, survey_households, survey_trips	bigint	Hispanic status of HH respondent

Column	Table	Data Type	Description
hh_ontd	survey_trips	double precision	Derived number of HHMs on trip
hh_race	survey_vehicles, survey_person, survey_households, survey_trips	bigint	Race of HH respondent
hhc_msa	survey_households, survey_vehicles, survey_person, survey_trips	text	CMSA FIPS code for HH address
hhfaminc	survey_vehicles, survey_person, survey_households, survey_trips	bigint	Derived total HH income
hhmemdrv	survey_trips	bigint	HH member drove on trip
hhrelatd	survey_households	bigint	At least some HHMs are related
hhresp	survey_households, survey_trips, survey_person	bigint	Person ID number of household respondent
hhsize	survey_vehicles, survey_person, survey_households, survey_trips	double precision	Count of HH members
hhstate	survey_vehicles, survey_person, survey_trips, survey_households	text	State HH location
hhstfips	survey_households, survey_vehicles, survey_trips, survey_person	bigint	State FIPS for HH address
hhvehcnt	survey_vehicles, survey_person, survey_households, survey_trips	double precision	Count of HH vehicles
hhzip	survey_households	bigint	HH ZIP
home_geom	survey_location	geom	Geometric point (SRID 4326) of home location
homelat	survey_location	double precision	Latitude of home location
homelong	survey_location	double precision	Longitude of home location
homeown	survey_vehicles, survey_person, survey_households, survey_trips	bigint	Housing unit owned or rented
hometype	survey_vehicles, survey_person, survey_households, survey_trips	bigint	Type of housing unit
hteempdn	survey_households, survey_vehicles, survey_trips, survey_person	bigint	Employee Range CY Employees per square mile
hthtnrnt	survey_households, survey_vehicles, survey_trips, survey_person	bigint	Percent Range CY Housing Units, Renter Occ
htppopdn	survey_households, survey_vehicles, survey_trips, survey_person	bigint	Density Range CY Population per square mile
htresdn	survey_households, survey_vehicles, survey_trips, survey_person	bigint	Density Range CY Housing Units per square mile
hybrid	survey_vehicles	bigint	Vehicle is Hybrid or uses alternate fuel
intstate	survey_trips	bigint	A part of this trip was on interstate
issue	survey_person	bigint	Most important transportation issue
lif_cyc	survey_vehicles, survey_person, survey_trips, survey_households	bigint	Life Cycle classification for the HH
lsttrday	survey_person	double precision	Approximate number of days since last trip
makecode	survey_vehicles	bigint	NASS vehicle make code
mcused	survey_person	double precision	Times used motorcycle/moped on road in the past month
medcond	survey_person	bigint	Have medical condition making it hard to travel
medcond6	survey_person	bigint	Length of time with medical condition
modlcode	survey_vehicles	bigint	NASS vehicle model code
moroften	survey_person	bigint	Would like to get out more often

Column	Table	Data Type	Description
msacat	survey_households, survey_vehicles, survey_trips, survey_person	bigint	MSA category for the HH home address
msasize	survey_households, survey_vehicles, survey_trips, survey_person	bigint	MSA population size for the HH home address
nbiketrp	survey_person	double precision	Number of bike trips in past week
nonhhcnt	survey_trips	double precision	Derived number of non-HHMs on trip
numadlt	survey_vehicles, survey_person, survey_households, survey_trips	double precision	Count of adult HHMs at least 18 years old
numontrp	survey_trips	double precision	Count of total people on trip
nwalktrp	survey_person	double precision	Number of walk trips in past week
od_read	survey_vehicles	double precision	Odometer reading
ontd_p1	survey_trips	bigint	Person number 1 was on travel day trip
ontd_p10	survey_trips	bigint	Person number 10 was on travel day trip
ontd_p11	survey_trips	bigint	Person number 11 was on travel day trip
ontd_p12	survey_trips	bigint	Person number 12 was on travel day trip
ontd_p13	survey_trips	bigint	Person number 13 was on travel day trip
ontd_p14	survey_trips	bigint	Person number 14 was on travel day trip
ontd_p15	survey_trips	bigint	Person number 15 was on travel day trip
ontd_p2	survey_trips	bigint	Person number 2 was on travel day trip
ontd_p3	survey_trips	bigint	Person number 3 was on travel day trip
ontd_p4	survey_trips	bigint	Person number 4 was on travel day trip
ontd_p5	survey_trips	bigint	Person number 5 was on travel day trip
ontd_p6	survey_trips	bigint	Person number 6 was on travel day trip
ontd_p7	survey_trips	bigint	Person number 7 was on travel day trip
ontd_p8	survey_trips	bigint	Person number 8 was on travel day trip
ontd_p9	survey_trips	bigint	Person number 9 was on travel day trip
outcntry	survey_person	bigint	S out of country entire travel day
outoftwn	survey_trips	bigint	Was out of town the entire travel day
outoftwn	survey_person	bigint	R Was out of town the entire travel day
payprof	survey_person	bigint	Worked for pay or profit last week
paytoll	survey_trips	bigint	Toll paid on this interstate
perno	survey_location, survey_trips, survey_person, survey_vehicles	bigint	Person identifier
prmact	survey_trips, survey_person	bigint	Primary activity last week
proxy	survey_trips, survey_person	bigint	Trip info from respondent or proxy
psgr_flg	survey_trips	bigint	S was passenger on trip that only used POV
ptused	survey_person	double precision	How often S used public transit in past month
pubtrans	survey_trips	bigint	Respondent Used Public Transportation on trip
purchase	survey_person	double precision	Number of times purchased via internet in past month
r_age	survey_trips, survey_person	double precision	Respondent Age

Column	Table	Data Type	Description
r_relat	survey_person	bigint	Respondent relationship to HH respondent
r_sex	survey_trips, survey_person	bigint	Respondent gender
rail	survey_vehicles, survey_households, survey_trips, survey_person	bigint	MSA heavy rail status for HH
resp_cnt	survey_households	double precision	Count of responding persons per HH
sameplc	survey_person	bigint	Stayed at same place all day
sampno	survey_person, survey_households, survey_trips, survey_vehicles, survey_location	bigint	Unique household identifier
schcare	survey_person	bigint	Attends before or after school care
schcrim	survey_person	bigint	Walk/Bike issue: violence/crime along route
schdist	survey_person	bigint	Walk/Bike issue: distance between home & school
schspd	survey_person	bigint	Walk/Bike issue: speed of traffic along route
schtraf	survey_person	bigint	Walk/Bike issue: amount of traffic along route
schtrn1	survey_person	bigint	Mode to school
schtrn2	survey_person	bigint	Mode from school
schtyp	survey_person	bigint	School type
schwthr	survey_person	bigint	Walk/Bike issue: poor weather or climate in area
scresp	survey_households	bigint	Person ID number of screener respondent
self_emp	survey_person	bigint	Self-employed
sfwgt	survey_person	double precision	Weight for child 5-15, Safe Routes to School section
strttime	survey_trips	bigint	Trip START time in military
tdaydate	survey_households, survey_vehicles, survey_trips, survey_person	bigint	Date of Travel Day (YYYYMM)
tdcaseid	survey_trips	bigint	Trip number
tdtrpnum	survey_location, survey_trips	bigint	Travel Day Trip number
tdwknd	survey_trips	bigint	TD trip was on weekend
timetosc	survey_person	double precision	Minutes to get to school
timetowk	survey_person	double precision	Minutes to go from home to work last week
toscsize	survey_person	double precision	Number of people on to school trip
tracc1	survey_trips	bigint	1st mode used to get to public transit
tracc2	survey_trips	bigint	2nd mode used to get to public transit
tracc3	survey_trips	bigint	3rd mode used to get to public transit
tracc4	survey_trips	bigint	4th mode used to get to public transit
tracc5	survey_trips	bigint	5th mode used to get to public transit
tracctm	survey_trips	double precision	Derived time to get to public transit - minutes
travday	survey_vehicles, survey_households, survey_trips, survey_person	bigint	Travel day - day of week
tregr1	survey_trips	bigint	1st mode used from public transit to destination
tregr2	survey_trips	bigint	2nd mode used from public transit to destination
tregr3	survey_trips	bigint	3rd mode used from public transit to destination
tregr4	survey_trips	bigint	4th mode used from public transit to destination

Column	Table	Data Type	Description
tregr5	survey_trips	bigint	5th mode used from public transit to destination
tregrtm	survey_trips	double precision	How long to destination from transit - converted to minutes
tripno	survey_location	bigint	Trip number
trippurp	survey_trips	text	General Trip Purpose (Home-Based Purpose types)
trpaccmp	survey_trips	double precision	Number of people with R on trip
trphhacc	survey_trips	double precision	Number of HHM with R on trip
trphhveh	survey_trips	bigint	HH vehicle used for trip
trpmiles	survey_trips	double precision	Calculated Trip distance converted into miles
trptrans	survey_trips	bigint	Transportation mode used on trip
trvl_min	survey_trips	double precision	Derived trip time - minutes
trvlcmin	survey_trips	double precision	Calculated travel time
trwaittm	survey_trips	double precision	Derived length of wait for public transit - minutes
urban	survey_vehicles, survey_households, survey_trips, survey_person	bigint	Home address in urbanized area
urbansize	survey_vehicles, survey_households, survey_trips, survey_person	bigint	Size of urban area in which home address is located
urbrur	survey_vehicles, survey_households, survey_trips, survey_person	bigint	Household in urban/rural area
useintst	survey_trips, survey_person	bigint	Interstate used for any trips
usepubtr	survey_trips, survey_person	bigint	Use public transit on travel day
varstrat	survey_households, survey_person	double precision	Linearization Variance Stratum for Std Err Calculation
vehage	survey_vehicles	double precision	Age of vehicle in years
vehcomm	survey_vehicles	bigint	Commercial license plate
vehno	survey_vehicles, survey_trips	bigint	Household vehicle identifier
vehownmo	survey_vehicles	double precision	How long vehicle owned - Months
vehtype	survey_vehicles	bigint	Vehicle type
vehyear	survey_vehicles	double precision	Vehicle Model year
vmt_mile	survey_trips	double precision	Calculated Trip distance (miles) for Driver Trips
webuse	survey_person	bigint	Frequency of internet use in past month
whodrove	survey_trips	bigint	Person ID of driver on trip
whomain	survey_vehicles	bigint	Person number of primary driver
whyfrom	survey_trips	bigint	Trip purpose for previous trip
whyto	survey_trips	bigint	Travel day purpose of trip
whytrp1s	survey_trips	bigint	Trip purpose summary
whytrp90	survey_trips	bigint	1990 Trip Purpose
wkfmhmxx	survey_person	double precision	Frequency of working from home in past month
wkftpt	survey_person	bigint	Work full or part-time

Column	Table	Data Type	Description
wkrmhm	survey_person	bigint	Has option to work at home
wkstfips	survey_person	bigint	State FIPS code for work address
work_geom	survey_location	geom	Geometric point (SRID 4326) of work location
worker	survey_trips, survey_person	bigint	Subject worker status
wrkcount	survey_person, survey_households, survey_vehicles, survey_trips	double precision	Number of workers in HH
wrktime	survey_person	text	Usual arrival time at work
wrktrans	survey_person	bigint	Transportation mode to work last week
wthhfin	survey_households, survey_vehicles	double precision	Final HH weight
wtperfin	survey_person	double precision	Final person weight
wttrdfin	survey_trips	double precision	Final trip weight
yearmile	survey_person	double precision	Miles respondent drove last 12 months
yrmlcap	survey_person	bigint	Indicates YEARMILE was capped
yrtous	survey_person	double precision	Year entered U.S.