

# 2017 National Household Travel Survey — California Add-On

*NREL Transportation Secure Data Center Data Dictionary*

Region: California

Agency: Federal Highway Administration

Citation: "Transportation Secure Data Center." ([YEAR]). National Renewable Energy Laboratory. Accessed [DATE]: [www.nrel.gov/tsdc](http://www.nrel.gov/tsdc).

# Summary

The Federal Highway Administration conducted the National Household Travel Survey (NHTS) with assigned travel dates from April 19, 2016 through April 25, 2017. 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 26,095 household samples in California (total number of household samples nationwide is 129,112).

## 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 portion, participants 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 owned, leased or had available for regular use, including motorcycles, mopeds and RVs.
weights_household_5day	This table contains the weights and related factors required for generating weekday household level population estimates.
weights_household_7day	This table contains the weights and related factors required for generating household level population estimates.
weights_person_5day	This table contains the weights and related factors required for generating weekday person level population estimates.
weights_person_7day	This table contains the weights and related factors required for generating person level population estimates.

# Column Definitions

Column	Table	Data Type	Description
agerange	survey_person	bigint	Age range (Categorical - see codebook)
alt_1	survey_person	double precision	Alternative Mode of Transportation - Public Transportation: 1=Selected
alt_2	survey_person	double precision	Alternative Mode of Transportation - Passenger to Friend or Family Member: 1=Selected
alt_3	survey_person	double precision	Alternative Mode of Transportation - Rental Car: 1=Selected
alt_4	survey_person	double precision	Alternative Mode of Transportation - Bicycle: 1=Selected
alt_5	survey_person	double precision	Alternative Mode of Transportation - Walk: 1=Selected
alt_6	survey_person	bigint	Alternative Mode of Transportation - Taxi: 1=Selected
alt_7	survey_person	bigint	Alternative Mode of Transportation - None: 1=Selected
alt_dk	survey_person	bigint	Alternative Mode of Transportation - Does Not Know: 1=Selected
alt_o	survey_person	bigint	Alternative Mode of Transportation -Other
alt_rf	survey_person	bigint	Alternative Mode of Transportation - Refused to Answer: 1=Selected
alt_se	survey_person	bigint	Alternative Mode of Transportation - Something Else: 1=Selected
annmiles	survey_vehicles	bigint	Self-reported annualized mile estimate
awayhome	survey_person	double precision	Reason respondent did not start their travel day with a home-based activity (Categorical - see codebook)
awayhome17	survey_person	bigint	Reason respondent was not at their home location at the start of their travel day (Categorical - see codebook)
bike	survey_households	double precision	Frequency of Bicycle Use for Travel (Categorical - see codebook)
bike2save	survey_households	double precision	Bicycle to Reduce Financial Burden of Travel (Ordinal)
bike4ex	survey_person	bigint	Count of Bike Trips for Exercise
bike_d	survey_person	bigint	Reason for Not Biking More - No nearby paths or trails : 1=Selected
bike_dk	survey_person	bigint	Reason for Not Biking More - Does not know: 1=Selected
bike_f	survey_person	bigint	Reason for Not Biking More - No sidewalks or sidewalks are in poor condition: 1=Selected
bike_g	survey_person	bigint	Reason for Not Biking More - Street crossings are unsafe: 1=Selected
bike_k	survey_person	bigint	Reason for Not Biking More - Heavy traffic with too many cars: 1=Selected
bike_p	survey_person	bigint	Reason for Not Biking More - Not enough lighting at night: 1=Selected
bike_r	survey_person	bigint	Reason for Not Biking More - No nearby parks: 1=Selected
bike_rf	survey_person	bigint	Reason for Not Biking More - Refused to answer: 1=Selected
bike_z	survey_person	bigint	Reason for Not Biking More - None of the above: 1=Selected

Column	Table	Data Type	Description
bikeshare	survey_person	bigint	Count of Bike Share Program Usage
bkmore_ca_1	survey_person	text	Reason for Not Biking - Health issues: 1=Selected
bkmore_ca_10	survey_person	bigint	Reason for Not Biking - Air quality: 1=Selected
bkmore_ca_11	survey_person	bigint	Reason for Not Biking - No shops or other conveniences nearby: 1=Selected
bkmore_ca_12	survey_person	bigint	Reason for Not Biking - Prefer to drive: 1=Selected
bkmore_ca_2	survey_person	text	Reason for Not Biking - No one to bike with: 1=Selected
bkmore_ca_3	survey_person	text	Reason for Not Biking - No nearby paths or trails: 1=Selected
bkmore_ca_4	survey_person	double precision	Reason for Not Biking - Not enough bike lanes / wide curb lanes: 1=Selected
bkmore_ca_5	survey_person	double precision	Reason for Not Biking - No sidewalks or sidewalks are narrow / in poor condition: 1=Selected
bkmore_ca_6	survey_person	double precision	Reason for Not Biking - Utility poles in middle of sidewalk: 1=Selected
bkmore_ca_7	survey_person	double precision	Reason for Not Biking - Too far: 1=Selected
bkmore_ca_8	survey_person	bigint	Reason for Not Biking - Safety concerns: 1=Selected
bkmore_ca_9	survey_person	bigint	Reason for Not Biking - Too much traffic: 1=Selected
bkmore_ca_dk	survey_person	bigint	Reason for Not Biking - Does Not Know: 1=Selected
bkmore_ca_na	survey_person	bigint	Reason for Not Biking - No other reasons: 1=Selected
bkmore_ca_o	survey_person	text	Reason for Not Biking - Other
bkmore_ca_rf	survey_person	bigint	Reason for Not Biking - Refused to Answer: 1=Selected
bkmore_ca_se	survey_person	bigint	Reason for Not Biking - Something Else: 1=Selected
blockfips	survey_location	bigint	Census Block FIPS Code (2014 TIGER/Line)
borninus	survey_person	bigint	Born in United States: 1=Yes, 2=No
bus	survey_households	double precision	Frequency of Bus Use for Travel (Categorical - see codebook)
car	survey_households	double precision	Frequency of Personal Vehicle Use for Travel (Categorical - see codebook)
carrode	survey_person	bigint	Count of People in Vehicle to Work
carshare	survey_person	bigint	Count of Care Share Program Usage
cbsa	survey_location	bigint	OMB Core Based Statistical Area
cdivmsar	survey_households	double precision	Grouping of household by combination of census division, MSA status, and presence of a subway system when population greater than 1 million (Categorical - see codebook)
census_d	survey_households	double precision	2010 Census division classification for the respondents home address (Categorical - see codebook)
census_r	survey_households	double precision	Census region classification for home address (Categorical - see codebook)
city	survey_location	text	City
cnttdhh	survey_households	double precision	Count of household trips on travel day

Column	Table	Data Type	Description
cntdtr	survey_person	double precision	Count of person trips on travel day
cntyfips	survey_location	bigint	Census County FIPS Code (2014 TIGER/Line)
condck	survey_person	bigint	Does Not Know if Medical Condition Results in Reduced Day-to-Day Travel: 1=Selected
condnigh	survey_person	double precision	Medical Condition Results in Limiting Driving to Daytime: 1=Selected
condnone	survey_person	bigint	No Medical Condition Results in Reduced Day-to-Day Travel: 1=Selected
condpub	survey_person	bigint	Medical Condition Results in Using Bus or Subway Less Frequently: 1=Selected
condrf	survey_person	bigint	Refused to Answer if Medical Condition Results in Reduced Day-to-Day Travel: 1=Selected
condride	survey_person	bigint	Medical Condition Results in Asking Others for Rides: 1=Selected
condrive	survey_person	bigint	Medical Condition Results in Giving up Driving: 1=Selected
condspec	survey_person	bigint	Medical Condition Results in Using Special Transportation Services: 1=Selected
condtax	survey_person	bigint	Medical Condition Results in Using a Reduced Fare Taxi: 1=Selected
condtrav	survey_person	double precision	Medical Condition Results in Reduced Day-to-Day Travel: 1=Selected
country	survey_location	text	Country
csa	survey_location	bigint	OMB Combined Statistical Area
deliver	survey_person	bigint	Count of Times Purchased Online for Delivery in Last 30 Days
diary	survey_person	text	Travel Diary completion status: 1=Yes, 2=No
diarycmp	survey_person	bigint	Person Completed Log: 1=Yes, 2=No
diaryhav	survey_person	bigint	Person Had Log During Survey: 1=Yes, 2=No
diffdate	survey_households	double precision	Number of Days Between Travel Date and Survey Completion Date
disttosc17	survey_person	double precision	Road network distance, in miles, between respondents home location and school location, sourced using Google Distance Matrix API ( <a href="https://maps.googleapis.com/maps/api/distancematrix/">https://maps.googleapis.com/maps/api/distancematrix/</a> )
disttowk17	survey_person	double precision	Road network distance, in miles, between respondents home location and work location, sourced using Google Distance Matrix API ( <a href="https://maps.googleapis.com/maps/api/distancematrix/">https://maps.googleapis.com/maps/api/distancematrix/</a> )
driver	survey_person	double precision	Driver status, derived: 1=Yes, 2=No
drop_prk	survey_trips	bigint	Parked or Dropped Off at Station (Categorical - see codebook)
drvr	survey_person	bigint	Driver status: 1=Yes, 2=No
drvr_flg	survey_trips	bigint	Respondent drove on trip: 1=Yes, 2=No
drvrcnt	survey_households	double precision	Number of drivers in household
dweltime	survey_trips	bigint	Time at destination
educ	survey_person	bigint	Educational Attainment (Categorical - see codebook)
endampm	survey_trips	text	Trip End Time: AM/PM
endhour	survey_trips	bigint	Trip End Time: Hour (1-12)

Column	Table	Data Type	Description
endminte	survey_trips	bigint	Trip End Time: Minute (0-59)
endtime	survey_trips	bigint	Trip End Time (HHMM)
endtime17	survey_trips	double precision	Trip End Time (ISO 8601 Date and Time)
estmile2	survey_vehicles	bigint	Range of Estimated Miles Driven in Vehicle
estmiles	survey_vehicles	bigint	Estimated Miles Driven in Vehicle
flag100	survey_households	double precision	Whether all household members completed interview: 1=Yes, 2=No
flextime	survey_person	bigint	Flex Time: 1=Yes, 2=No
frsthm	survey_person	text	Travel day began with a home-based activity: 1=Yes, 2=No
frsthm17	survey_person	double precision	Travel day began at home location: 1=Yes, 2=No
fueltype	survey_vehicles	bigint	Fuel Type (Categorical - see codebook)
fueltype_o	survey_vehicles	text	Fuel Type - Other
fullfips	survey_location	bigint	Census Block FIPS Code (Comprehensive) (2014 TIGER/Line)
gasprice	survey_households	double precision	Price of gasoline, in cents, on respondents travel day
gcdwork	survey_person	double precision	Minimum geodesic (Great Circle) distance between home location and work location in meters, using WGS84 coordinate system
geogadjcell	weights_household_7day, weights_household_5day, weights_person_5day, weights_person_7day	bigint	Geographic adjustment cell for all weighting stages
geom	survey_location	USER-DEFINED	Point geometry (WGS84, 4326)
gt1jblwk	survey_person	bigint	More than One Job: 1=Yes, 2=No
hbhtrnt	survey_households	double precision	Category of the percent of renter-occupied housing in the census block group of the households home location (Categorical - see codebook)
hbhtrnt17	survey_households	double precision	Percent of renter-occupied housing in the census block group of the households home location
hbppopdn	survey_households	double precision	Category of population density (persons per square mile) in the census block group of the households home location (Categorical - see codebook)
hbppopdn17	survey_households	double precision	Population density (persons per square mile) in the census block group of the households home location
hbresdn	survey_households	double precision	Category of housing units per square mile in the census block group of the households home location (Categorical - see codebook)
hbresdn17	survey_households	double precision	Housing units per square mile in the census block group of the households home location
health	survey_person	bigint	Opinion of Health (Categorical - see codebook)
hfuel	survey_vehicles	bigint	Type of Hybrid Vehicle (Categorical - see codebook)
hfuel_o	survey_vehicles	text	Type of Hybrid Vehicle - Other
hh_5d_raketrifac	weights_household_5day	double precision	Rake-trim final factor
hh_7d_raketrifac	weights_household_7day	double precision	Rake-trim final factor

Column	Table	Data Type	Description
hh_cbsa	survey_households	text	Core Based Statistical Area (CBSA) FIPS code for the respondents home address
hh_hisp	survey_households	double precision	Hispanic status of household respondent: 1=Yes, 2=No
hh_ontd	survey_trips	bigint	Number of household members on trip including respondent
hh_race	survey_households	double precision	Race of household respondent (Categorical - see codebook)
hhfaminc	survey_households	double precision	Household income (Categorical - see codebook)
hhmemdrv	survey_trips	bigint	Household member drove on trip: 1=Yes, 2=No
hhrelatd	survey_households	double precision	At least two household persons are related: 1=Yes, 2=No
hhresp	survey_households	double precision	Person identifier of household respondent
hhsiz	survey_households	double precision	Count of household members
hhstate	survey_households	text	Household state
hhstfips	survey_households	double precision	State FIPS for household address
hhvehcnt	survey_households	double precision	Count of household vehicles
holiday5d_flag	weights_household_5day, weights_person_5day	bigint	Holiday flag used in five-day weighting and analysis
homeloc_1	survey_households	double precision	Home Location - Cost / Price of home: 1=Selected
homeloc_10	survey_households	double precision	Home Location - Close to public transportation: 1=Selected
homeloc_11	survey_households	double precision	Home Location - Close to scenic locations: 1=Selected
homeloc_2	survey_households	double precision	Home Location - Home size and characteristics: 1=Selected
homeloc_3	survey_households	double precision	Home Location - Neighborhood characteristics: 1=Selected
homeloc_4	survey_households	double precision	Home Location - Home or lot size: 1=Selected
homeloc_5	survey_households	double precision	Home Location - School district / System: 1=Selected
homeloc_6	survey_households	double precision	Home Location - Convenient to work: 1=Selected
homeloc_7	survey_households	double precision	Home Location - Convenient to school: 1=Selected
homeloc_8	survey_households	double precision	Home Location - Convenient to retail: 1=Selected
homeloc_9	survey_households	double precision	Home Location - Close to friends & family: 1=Selected
homeloc_dk	survey_households	double precision	Home Location - Does Not Know: 1=Selected
homeloc_na	survey_households	double precision	Home Location - No other reasons: 1=Selected
homeloc_rf	survey_households	double precision	Home Location - Refused to Answer: 1=Selected
homeown	survey_households	double precision	Home Ownership (Categorical - see codebook)
homeown_im	survey_households	double precision	Home Ownership (imputed)



Column	Table	Data Type	Description
homeowos	survey_households	text	Home Ownership - Other
howfrpos	survey_trips	double precision	Mode(s) Used to Transit from Trip Destination - Other: 1=Selected
howpubos	survey_trips	double precision	Mode(s) Used to Transit from Trip Origin - Other: 1=Selected
hteempdn	survey_households	double precision	Category of workers per square mile in the census tract of the households home location (Categorical - see codebook)
hteempdn17	survey_households	double precision	Workers per square mile in the census tract of the households home location
hthtrnt	survey_households	double precision	Category of the percent of renter-occupied housing in the census tract of the households home location (Categorical - see codebook)
hthtrnt17	survey_households	double precision	Percent of renter-occupied housing in the census tract of the households home location
htppopdn	survey_households	double precision	Category of population density (persons per square mile) in the census tract of the households home location (Categorical - see codebook)
htppopdn17	survey_households	double precision	Population density (persons per square mile) in the census tract of the households home location
htresdn	survey_households	double precision	Category of housing units per square mile in the census tract of the households home location (Categorical - see codebook)
htresdn17	survey_households	double precision	Housing units per square mile in the census tract of the households home location
hybrid	survey_vehicles	bigint	Hybrid vehicle: 1=Yes, 2=No
jkcoefs	weights_person_7day, weights_person_5day, weights_household_5day, weights_household_7day	double precision	Jackknife coefficients for variance estimation
jobcatos	survey_person	bigint	Job Category - Other
landline	survey_households	double precision	Landline Telephone Status: 1=Yes, 2=No
lang	survey_households	double precision	Survey Language (Categorical - see codebook)
latitude	survey_location	double precision	Latitude (WGS 84 / EPSG: 4326)
ld_dist	survey_households	double precision	Road network distance, in miles, between respondents home location and geographical center of most frequently visited long distance city. Network distance and citys geographical center sourced using Google Distance Matrix API.
lif_cyc	survey_households	double precision	Life Cycle classification for the household, derived by attributes pertaining to age, relationship, and work status (Categorical - see codebook)
locname	survey_location	text	Name of Location (Entered/Selected by Respondent)
locno	survey_trips	bigint	Location Identifier
locno	survey_location	bigint	Location identifier
loctype	survey_location	bigint	Type of Location (Categorical - see codebook)
longitude	survey_location	double precision	Longitude (WGS 84 / EPSG: 4326)
loop_trip	survey_trips	bigint	Trip origin and destination at identical location: 1=Yes, 2=No
lpact	survey_person	bigint	Count of Times of Light or Moderate Physical Activity in Past Week
lsttrday17	survey_person	bigint	Last trip before travel day (Categorical - see codebook)

Column	Table	Data Type	Description
make	survey_vehicles	bigint	Vehicle Make (Categorical - see codebook)
make_o	survey_vehicles	bigint	Vehicle Make - Other
mca8_os	survey_person	bigint	Medical Device Used - Something Else: 1=Selected
mca8_oth	survey_person	double precision	Medical Device Used - Other
mcused	survey_person	bigint	Count of Motorcycle or Moped Trips
medcond	survey_person	bigint	Medical Condition: 1=Yes, 2=No
medcond6	survey_person	bigint	Medical Condition, How Long (Categorical - see codebook)
model	survey_vehicles	bigint	Vehicle Model (Categorical - see codebook)
model_o	survey_vehicles	text	Vehicle Model - Other
msacat	survey_households	double precision	Metropolitan Statistical Area (MSA) category for the households home address, based on households home geocode and TIGER/Line Shapefiles (Categorical - see codebook)
msasize	survey_households	double precision	Population size category of the Metropolitan Statistical Area (MSA), from the 2010-2014 five-year American Community Survey (ACS) API (Categorical - see codebook)
nbiketrp	survey_person	bigint	Count of Bike Trips
nhtsbwt0	weights_household_5day, weights_household_7day	double precision	Sample base weight
nocong	survey_person	bigint	Trip Time in Minutes to Work without Traffic
nonhhcnt	survey_trips	bigint	Number of non-household members on trip
numadlt	survey_households	double precision	Count of adult household members at least 18 years old
numontrp	survey_trips	bigint	Number of people on trip including respondent
numtrans	survey_trips	bigint	Count of Transfers
nwalktrp	survey_person	bigint	Count of Walk Trips
o_locno	survey_trips	bigint	Trip Origin Location Identifier
occat	survey_person	bigint	Job Category (Categorical - see codebook)
od_date	survey_vehicles	text	Odometer Reading: Date
od_day	survey_vehicles	bigint	Odometer Reading: Day
od_month	survey_vehicles	bigint	Odometer Reading: Month
od_read	survey_vehicles	bigint	Odometer Reading
od_year	survey_vehicles	bigint	Odometer Reading: Year
odevice	survey_households	double precision	Frequency of Other Device Use to Access the Internet, Not Desktop or Laptop Computer, Smartphone, or Tablet (Categorical - see codebook)
odevice_o	survey_households	text	Other Device Used to Access the Internet (That is Not a Desktop or Laptop Computer, Smartphone, or Tablet)
ontd_p1	survey_trips	bigint	Household Person Identifier on Trip: 1
ontd_p10	survey_trips	bigint	Household Person Identifier on Trip: 10
ontd_p11	survey_trips	bigint	Household Person Identifier on Trip: 11
ontd_p12	survey_trips	bigint	Household Person Identifier on Trip: 12
ontd_p13	survey_trips	bigint	Household Person Identifier on Trip: 13
ontd_p14	survey_trips	bigint	Household Person Identifier on Trip: 14

Column	Table	Data Type	Description
ontd_p15	survey_trips	bigint	Household Person Identifier on Trip: 15
ontd_p2	survey_trips	bigint	Household Person Identifier on Trip: 2
ontd_p3	survey_trips	bigint	Household Person Identifier on Trip: 3
ontd_p4	survey_trips	bigint	Household Person Identifier on Trip: 4
ontd_p5	survey_trips	bigint	Household Person Identifier on Trip: 5
ontd_p6	survey_trips	bigint	Household Person Identifier on Trip: 6
ontd_p7	survey_trips	bigint	Household Person Identifier on Trip: 7
ontd_p8	survey_trips	bigint	Household Person Identifier on Trip: 8
ontd_p9	survey_trips	bigint	Household Person Identifier on Trip: 9
outcntry	survey_person	text	Respondent was out of the country on travel day: 1=Yes, 2=No
outoftwn	survey_person	bigint	Away from home for entire travel day: 1=Yes, 2=No
para	survey_households	double precision	Frequency of Paratransit Use for Travel (Categorical - see codebook)
payprof	survey_person	bigint	Work for Pay in Previous Week: 1=Yes, 2=No
pc	survey_households	double precision	Frequency of Desktop or Laptop Computer Use to Access the Internet (Categorical - see codebook)
perindt2	survey_person	double precision	Survey Completion Date
perno	weights_person_5day, weights_person_7day	bigint	Person identifier
perno	survey_person, survey_trips, survey_location	bigint	Person Identifier
phyact	survey_person	bigint	Level of Physical Activity
place	survey_households	double precision	Travel is a Financial Burden (Ordinal)
posttrim5d_flag	weights_household_5day	bigint	Post-rake trimmed-weight flag
posttrim7d_flag	weights_household_7day	bigint	Post-rake trimmed-weight flag
pposttrim5d_flag	weights_person_5day	bigint	Post-rake trimmed-weight flag
pposttrim7d_flag	weights_person_7day	bigint	Post-rake trimmed-weight flag
ppretrim5d_flag	weights_person_5day	bigint	Pre-rake trimmed-weight flag
ppretrim7d_flag	weights_person_7day	bigint	Pre-rake trimmed-weight flag
pretrim5d_flag	weights_household_5day	bigint	Pre-rake trimmed-weight flag
pretrim7d_flag	weights_household_7day	bigint	Pre-rake trimmed-weight flag
pretrimhh5d_fac	weights_household_5day	double precision	Pre-rake trimmed factor
pretrimhh7d_fac	weights_household_7day	double precision	Pre-rake trimmed factor
pretrimpp5d_fac	weights_person_5day	double precision	Pre-rake trimmed factor
pretrimpp7d_fac	weights_person_7day	double precision	Pre-rake trimmed factor
price	survey_households	double precision	Price of Gasoline Affects Travel (Ordinal)
prmact	survey_person	bigint	Primary Activity in Previous Week (Categorical - see codebook)
proxy	survey_person	bigint	Trip info from respondent or proxy (Categorical - see codebook)

Column	Table	Data Type	Description
ps_5d_raketrimfac	weights_person_5day	double precision	Rake-trim final factor
ps_7d_raketrimfac	weights_person_7day	double precision	Rake-trim final factor
psgr_flg	survey_trips	bigint	Respondent was passenger on trip: 1=Yes, 2=No
ptmore_1	survey_person	bigint	Reason for Not Taking Transit More - Infrequent service: 1=Selected
ptmore_10	survey_person	bigint	Reason for Not Taking Transit More - Prefer to drive: 1=Selected
ptmore_2	survey_person	bigint	Reason for Not Taking Transit More - Service does not run early or late enough: 1=Selected
ptmore_3	survey_person	bigint	Reason for Not Taking Transit More - Unreliable service: 1=Selected
ptmore_4	survey_person	bigint	Reason for Not Taking Transit More - Service too expensive: 1=Selected
ptmore_5	survey_person	bigint	Reason for Not Taking Transit More - No stops near destination: 1=Selected
ptmore_6	survey_person	bigint	Reason for Not Taking Transit More - Unsafe street crossings: 1=Selected
ptmore_7	survey_person	bigint	Reason for Not Taking Transit More - Weather: 1=Selected
ptmore_8	survey_person	bigint	Reason for Not Taking Transit More - Safety Concerns: 1=Selected
ptmore_9	survey_person	bigint	Reason for Not Taking Transit More - Air quality: 1=Selected
ptmore_dk	survey_person	bigint	Reason for Not Taking Transit More - Does Not Know: 1=Selected
ptmore_na	survey_person	bigint	Reason for Not Taking Transit More - No Other Reasons: 1=Selected
ptmore_o	survey_person	text	Reason for Not Taking Transit More - Other
ptmore_rf	survey_person	bigint	Reason for Not Taking Transit More - Refused to Answer: 1=Selected
ptmore_se	survey_person	bigint	Reason for Not Taking Transit More - Something Else: 1=Selected
ptrans	survey_households	double precision	Public Transportation to Reduce Financial Burden of Travel (Ordinal)
ptused	survey_person	bigint	Count of Public Transit Usage
pubtime	survey_person	bigint	Minutes Spent Transferring to Work
pubtrans	survey_trips	bigint	Public transportation used on trip: 1=Yes, 2=No
qc_day	survey_person	bigint	Travel Day Data Quality Code - Person Abandoned Trip Reporting without Completing Entire Days Travel: 1=Yes, 2=No
qc_joint	survey_person	bigint	Travel Day Data Quality Code - Person Has Contradictory Intra-Household Joint/Shared Travel: 1=Yes, 2=No
qc_loc	survey_person	bigint	Travel Day Data Quality Code - Person Has Low-Precision Location Data: 1=Yes, 2=No
qc_loop	survey_person	bigint	Travel Day Data Quality Code - Person Has Unrealistic Back-to-Back/Loop Travel: 1=Yes, 2=No
qc_time	survey_person	bigint	Travel Day Data Quality Code - Person Has Travel with Unrealistic Durations: 1=Yes, 2=No
r_age	survey_person	bigint	Age
r_age_imp	survey_person	bigint	Age (imputed)
r_hisp	survey_person	bigint	Hispanic or Latino Origin: 1=Yes, 2=No

Column	Table	Data Type	Description
r_hisp_imp	survey_person	bigint	Hispanic or Latino Origin (imputed)
r_race	survey_person	bigint	Race (Categorical - see codebook)
r_race_imp	survey_person	bigint	Race (imputed)
r_rel	survey_person	bigint	Relationship (Categorical - see codebook)
r_retmode	survey_person	bigint	Survey mode at retrieval completion (Categorical - see codebook)
r_sex	survey_person	bigint	Gender (Categorical - see codebook)
r_sex_imp	survey_person	double precision	Gender (imputed)
race_1	survey_person	text	Race - White: 1=Selected
race_2	survey_person	text	Race - Black or African American: 1=Selected
race_3	survey_person	text	Race - Asian: 1=Selected
race_4	survey_person	bigint	Race - American Indian or Alaska Native: 1=Selected
race_5	survey_person	bigint	Race - Native Hawaiian or other Pacific Islander: 1=Selected
race_dk	survey_person	bigint	Race - Does Not Know: 1=Selected
race_o	survey_person	text	Some Other Race Description
race_rf	survey_person	bigint	Race - Refused to Answer: 1=Selected
race_se	survey_person	bigint	Race - Some Other Race: 1=Selected
rail	survey_households	double precision	MSA heavy rail status for household (Categorical - see codebook)
rdtrp_50	survey_person	bigint	Made Round Trips at Least 50 Miles from Home: 1=Yes, 2=No
rdtrp_bus	survey_person	bigint	Count of 50 Mile Round Trips Made for Business Purpose
rdtrp_o	survey_person	bigint	Count of 50 Mile Round Trips Made for Other Purpose
rdtrp_per	survey_person	bigint	Count of 50 Mile Round Trips Made for Personal Purpose
rdtrp_rec	survey_person	bigint	Count of 50 Mile Round Trips Made for Recreation Purpose
recfactor	weights_household_5day, weights_household_7day	double precision	Recruitment nonresponse adjusted factor
recmode	survey_households	double precision	Survey mode at recruit completion (Categorical - see codebook)
resp_cnt	survey_households	double precision	Count of responding persons per household
retfactor	weights_household_5day, weights_household_7day	double precision	Retrieval nonresponse adjusted factor
retmode	survey_households	double precision	Survey mode at retrieval completion (Categorical - see codebook)
rideshare	survey_person	bigint	Count of Rideshare App Usage
sameplc	survey_person	bigint	Reason for No Trips (Categorical - see codebook)
sameplc_o	survey_person	text	Reason for No Trips - Other
samparea	weights_household_5day, weights_household_7day, weights_person_5day, weights_person_7day	bigint	Sample Area
samparea	survey_households	double precision	Sample Area (Categorical - see codebook)

Column	Table	Data Type	Description
sampno	survey_vehicles, survey_trips, survey_person, survey_location	bigint	Unique household identifier
sampno	survey_households	double precision	Unique household identifier
sampno	weights_person_5day, weights_household_5day, weights_person_7day, weights_household_7day	bigint	Household identifier
sampstrat	survey_households	double precision	Primary Sampling Stratum Assignment (Categorical - see codebook)
schtrn1	survey_person	bigint	Mode to School (Categorical - see codebook)
schtrn1o	survey_person	double precision	Mode to School - Other
schtrn2	survey_person	bigint	Mode from School (Categorical - see codebook)
schtrn2o	survey_person	double precision	Mode from School - Other
schtyp	survey_person	bigint	Student Status (Categorical - see codebook)
scresp	survey_households	double precision	Person identifier of mail screener respondent, always 1 to roster self first
sphone	survey_households	double precision	Frequency of Smartphone Use to Access the Internet (Categorical - see codebook)
sponschg	survey_households	double precision	Flag indicating SPONSOR variable changed during retrieval: 1=Yes, 2=No
sponsor	survey_households	double precision	Addon status when national and addon sample are unioned by geography (Categorical - see codebook)
state	survey_location	text	State
statefips	survey_location	bigint	Census State FIPS Code (2014 TIGER/Line)
strtampm	survey_trips	text	Trip Start Time: AM/PM
strthr	survey_trips	bigint	Trip Start Time: Hour (1-12)
strtmin	survey_trips	bigint	Trip Start Time: Minute (0-59)
strtime	survey_trips	bigint	Trip Start Time (HHMM)
strtime17	survey_trips	double precision	Trip Start Time (ISO 8601 Date and Time)
tab	survey_households	double precision	Frequency of Tablet Use to Access the Internet (Categorical - see codebook)
taxi	survey_households	double precision	Frequency of Taxi Service or Rideshare Use for Travel (Categorical - see codebook)
tdaydat2	survey_households	timestamp without time zone	Survey Travel Date
tdaydate	survey_households	double precision	Date of travel day (YYYYMM)
tdcaseid	survey_trips	double precision	Unique identifier for every trip record in the file
tddriver	survey_person	bigint	Travel day driver status: 1=Yes, 2=No
tdtrpnum	survey_trips	bigint	Incrementing travel day trip number, starting at 1 for each person in the file
tdwknd	survey_trips	bigint	Weekend trip: 1=Yes, 2=No
timetowk	survey_person	bigint	Trip Time to Work in Minutes
timezone	survey_households	text	Time Zone
tracc1	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - Walking: 1=Selected

Column	Table	Data Type	Description
tracc10	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - School bus: 1=Selected
tracc11	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - Public Transit or commuter bus: 1=Selected
tracc12	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - Paratransit / Dial-a-ride: 1=Selected
tracc13	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - Private / Charter / Tour/ Shuttle bus: 1=Selected
tracc14	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - City-to-city bus (Greyhound, Megabus): 1=Selected
tracc15	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - Amtrak / Commuter rail: 1=Selected
tracc16	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - Subway / Elevated / Light rail / Street car: 1=Selected
tracc17	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - Taxi / Limo (Including Uber / Lyft): 1=Selected
tracc18	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - Rental car (including Zipcar / Car2Go): 1=Selected
tracc19	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - Airplane: 1=Selected
tracc2	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - Bicycle: 1=Selected
tracc20	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - Boat: 1=Selected
tracc3	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - Car: 1=Selected
tracc4	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - SUV: 1=Selected
tracc5	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - Van: 1=Selected
tracc6	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - Pickup Truck: 1=Selected
tracc7	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - Golf cart / Segway: 1=Selected
tracc8	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - Motorcycle / Moped: 1=Selected
tracc9	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - RV (motor home / ATV / snowmobile): 1=Selected
tracc_o	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - Something Else: 1=Selected
traccdk	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - Does Not Know: 1=Selected
traccrf	survey_trips	bigint	Mode(s) Used to Transit from Trip Origin - Refused to Answer: 1=Selected
tracctm	survey_trips	bigint	Trip Time to Transit Station in Minutes
tractfips	survey_location	bigint	Census Tract FIPS Code (2014 TIGER/Line)
train	survey_households	double precision	Frequency of Train Use for Travel (Categorical - see codebook)
travday	survey_households	double precision	Travel day - day of week
tregr1	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - Walking: 1=Selected
tregr10	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - School bus: 1=Selected

Column	Table	Data Type	Description
tregr11	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - Public Transit or commuter bus: 1=Selected
tregr12	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - Paratransit / Dial-a-ride: 1=Selected
tregr13	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - Private / Charter / Tour/ Shuttle bus: 1=Selected
tregr14	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - City-to-city bus (Greyhound, Megabus): 1=Selected
tregr15	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - Amtrak / Commuter rail: 1=Selected
tregr16	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - Subway / Elevated / Light rail / Street car: 1=Selected
tregr17	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - Taxi / Limo (Including Uber / Lyft): 1=Selected
tregr18	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - Rental car (including Zipcar / Car2Go): 1=Selected
tregr19	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - Airplane: 1=Selected
tregr2	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - Bicycle: 1=Selected
tregr20	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - Boat: 1=Selected
tregr3	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - Car: 1=Selected
tregr4	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - SUV: 1=Selected
tregr5	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - Van: 1=Selected
tregr6	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - Pickup Truck: 1=Selected
tregr7	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - Golf cart / Segway: 1=Selected
tregr8	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - Motorcycle / Moped: 1=Selected
tregr9	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - RV (motor home / ATV / snowmobile): 1=Selected
tregr_o	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - Something Else: 1=Selected
tregrdk	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - Does Not Know: 1=Selected
tregrrf	survey_trips	bigint	Mode(s) Used to Transit from Trip Destination - Refused to Answer: 1=Selected
tregrtm	survey_trips	bigint	Time to Destination from Transit in Minutes
trip_code	survey_households	double precision	Household Has at Least One Person with a Travel Day Data Quality Code That Identifies Trip-Related Reporting That Is Not Realistic: 1=Yes, 2=No
trippurp	survey_trips	text	Generalized purpose of trip, home-based and non-home based (Categorical - see codebook)
trpaccmp	survey_trips	bigint	Count of People on Trip
trphhacc	survey_trips	bigint	Count of Household Members on Trip
trphveh	survey_trips	bigint	Household Vehicle Used on Trip: 1=Yes, 2=No



Column	Table	Data Type	Description
trpmiles	survey_trips	double precision	Trip distance in miles, derived from route geometry returned by Google Maps API, or from reported loop-trip distance
trpmiles17	survey_trips	double precision	Trip distance in miles, derived from route geometry returned by Google Maps API
trppub	survey_trips	bigint	Public Transit Usage on Trip: 1=Yes, 2=No
trprans	survey_trips	bigint	Trip Mode, derived (Categorical - see codebook)
trprans17	survey_trips	bigint	Trip Mode (Categorical - see codebook)
trptrnos	survey_trips	double precision	Trip Mode - Other
trvlcmin	survey_trips	bigint	Trip Duration in Minutes
trwaittm	survey_trips	bigint	Transit wait time in minutes
uefactor_f	weights_household_5day, weights_household_7day	bigint	Unknown eligibility adjustment factor, always 1
urban	survey_households	double precision	Households urban area classification, based on home address and 2014 TIGER/Line Shapefile (Categorical - see codebook)
urbansize	survey_households	double precision	Urban area size where home address is located (Categorical - see codebook)
urbrur	survey_households	double precision	Household in urban/rural area (Categorical - see codebook)
usepubtr	survey_person	bigint	Public Transit Usage on Travel Date, derived
usepubtr17	survey_person	bigint	Public Transit Usage on Travel Date: 1=Yes, 2=No
varstrat	weights_person_7day, weights_person_5day, weights_household_5day, weights_household_7day	bigint	Stratum for Taylor series estimation
varunit	weights_person_7day, weights_person_5day, weights_household_5day, weights_household_7day	bigint	Variance unit for Taylor series estimation (cluster)
vehage	survey_vehicles	bigint	Age of vehicle, based on model year
vehmile2	survey_vehicles	bigint	Range of Miles Driven in Vehicle Over Last Year (Categorical - see codebook)
vehmiles	survey_vehicles	bigint	Count of Miles Driven in Vehicle Over Last Year
vehno	survey_trips	bigint	Vehicle identifier
vehno	survey_vehicles	bigint	Vehicle Identifier
vehowned	survey_vehicles	bigint	Owned Vehicle Longer than a Year: 1=Yes, 2=No
vehownmo	survey_vehicles	bigint	Months of Vehicle Ownership
vehtyos	survey_vehicles	text	Vehicle Type - Other
vehype	survey_vehicles	bigint	Vehicle Type (Categorical - see codebook)
vehyear	survey_vehicles	bigint	Vehicle Year
verestml	survey_vehicles	bigint	Confirmation of Estimated Miles Driven in Vehicle: 1=Yes, 2=No
vermiles	survey_vehicles	bigint	Confirmation of Miles Driven in Vehicle: 1=Yes, 2=No
veryrmil	survey_person	bigint	Confirmation of Miles Personally Driven in Vehicle: 1=Yes, 2=No
vmt_mile	survey_trips	double precision	Trip distance in miles for personally driven vehicle trips, derived from route geometry returned by Google Maps API

Column	Table	Data Type	Description
vmt_mile17	survey_trips	double precision	Trip distance in miles for personally driven vehicle trips, derived from route geometry returned by Google Maps API, or from reported loop-trip distance
vpact	survey_person	bigint	Count of Times of Vigorous Physical Activity in Past Week
w_cane	survey_person	bigint	Medical Device Used - Cane: 1=Selected
w_chair	survey_person	bigint	Medical Device Used - Wheelchair: 1=Selected
w_crutch	survey_person	bigint	Medical Device Used - Crutches: 1=Selected
w_dog	survey_person	bigint	Medical Device Used - Dog Assistance: 1=Selected
w_mtrchr	survey_person	bigint	Medical Device Used - Motorized Wheelchair: 1=Selected
w_none	survey_person	bigint	Medical Device Used - None: 1=Selected
w_scootr	survey_person	bigint	Medical Device Used - Motorized Scooter: 1=Selected
w_whcane	survey_person	bigint	Medical Device Used - White Cane: 1=Selected
w_wlkr	survey_person	bigint	Medical Device Used - Walker: 1=Selected
walk	survey_households	double precision	Frequency of Walking for Travel (Categorical - see codebook)
walk2save	survey_households	double precision	Walk to Reduce Financial Burden of Travel (Ordinal)
walk4ex	survey_person	bigint	Count of Walk Trips for Exercise
walk_d	survey_person	bigint	Reason for Not Walking More - No nearby paths or trails: 1=Selected
walk_dk	survey_person	bigint	Reason for Not Walking More - Does not know: 1=Selected
walk_e	survey_person	bigint	Reason for Not Walking More - No nearby parks: 1=Selected
walk_f	survey_person	bigint	Reason for Not Walking More - No sidewalks or sidewalks are in poor condition: 1=Selected
walk_g	survey_person	bigint	Reason for Not Walking More - Street crossings are unsafe: 1=Selected
walk_k	survey_person	bigint	Reason for Not Walking More - Heavy traffic with too many cars: 1=Selected
walk_q	survey_person	bigint	Reason for Not Walking More - Not enough lighting at night: 1=Selected
walk_rf	survey_person	bigint	Reason for Not Walking More - Refused to answer: 1=Selected
walk_z	survey_person	bigint	Reason for Not Walking More - None of the above: 1=Selected
webuse17	survey_households	double precision	Frequency of internet use (Categorical - see codebook)
whodrove	survey_trips	bigint	Person Identifier Who Drove on Trip
whomain	survey_vehicles	bigint	Vehicle Main Driver - Perno
whoproxy	survey_person	bigint	Household Person Identifier Responsible for Trip Reporting
whyfrom	survey_trips	bigint	Trip Origin Purpose (Categorical - see codebook)
whyfrom_o	survey_trips	double precision	Trip Origin Purpose - Other
whyto	survey_trips	bigint	Trip Destination Purpose (Categorical - see codebook)
whytrp1s	survey_trips	bigint	Trip purpose summary (Categorical - see codebook)

Column	Table	Data Type	Description
whytrp90	survey_trips	bigint	Travel day trip purpose consistent with 1990 NPTS design (Categorical - see codebook)
whytrpsp	survey_trips	double precision	Trip Destination Purpose - Other
wkbk_dist	survey_trips	bigint	Loop trip distance
wkbk_unit	survey_trips	bigint	Loop trip distance unit
wkfmhmxx	survey_person	bigint	Count of Days Worked From Home in Last Month
wkftpt	survey_person	bigint	Full-Time or Part-Time Worker (Categorical - see codebook)
wkmore_ca_1	survey_person	text	Reason for Not Walking - Health issues: 1=Selected
wkmore_ca_10	survey_person	bigint	Reason for Not Walking - Prefer to drive: 1=Selected
wkmore_ca_2	survey_person	text	Reason for Not Walking - No one to walk with: 1=Selected
wkmore_ca_3	survey_person	double precision	Reason for Not Walking - No nearby paths or trails: 1=Selected
wkmore_ca_4	survey_person	double precision	Reason for Not Walking - No sidewalks/ sidewalks are in poor condition: 1=Selected
wkmore_ca_5	survey_person	double precision	Reason for Not Walking - Too far to travel by walking: 1=Selected
wkmore_ca_6	survey_person	double precision	Reason for Not Walking - Safety concerns: 1=Selected
wkmore_ca_7	survey_person	bigint	Reason for Not Walking - Too much traffic: 1=Selected
wkmore_ca_8	survey_person	bigint	Reason for Not Walking - Air quality: 1=Selected
wkmore_ca_9	survey_person	bigint	Reason for Not Walking - No shops or other conveniences nearby: 1=Selected
wkmore_ca_dk	survey_person	bigint	Reason for Not Walking - Does Not Know: 1=Selected
wkmore_ca_na	survey_person	bigint	Reason for Not Walking - No other reasons: 1=Selected
wkmore_ca_o	survey_person	text	Reason for Not Walking - Other
wkmore_ca_rf	survey_person	bigint	Reason for Not Walking - Refused to Answer: 1=Selected
wkmore_ca_se	survey_person	bigint	Reason for Not Walking - Something Else: 1=Selected
wkrmhm	survey_person	bigint	Option of Working from Home: 1=Yes, 2=No
wkstfips	survey_person	double precision	The state FIPS code for the respondents geocoded work address. The state FIPS codes were identified using United States Census Bureau 2016 TIGER/Line Shapefiles.
worker	survey_person	double precision	Worker status (Categorical - see codebook)
worker_imp	survey_person	bigint	Worker status (imputed)
wrk_home	survey_person	bigint	Work from Home: 1=Yes, 2=No
wrkampm	survey_person	text	Arrival Time at Work: AM/PM
wrkcount	survey_households	double precision	Number of workers in household
wrkhr	survey_person	bigint	Arrival Time at Work: Hour
wrkmin	survey_person	bigint	Arrival Time at Work: Minute
wrktime	survey_person	double precision	Arrival Time at Work

<b>Column</b>	<b>Table</b>	<b>Data Type</b>	<b>Description</b>
wrktrans	survey_person	bigint	Mode to Work (Categorical - see codebook)
wrktrnos	survey_person	double precision	Mode to Work - Other
wthhfin	weights_household_7day	double precision	Final household weight
wthhfin5d	weights_household_5day	double precision	Final five-day household weight
wtperfin	weights_person_7day	double precision	Final person weight
wtperfin5d	weights_person_5day	double precision	Final five-day person weight
wtrdfin	weights_person_7day	double precision	Final trip weight
wtrdfin5d	weights_person_5day	double precision	Final five-day trip weight
yearmil2	survey_person	bigint	Range of Miles Personally Driven in all Vehicles
yearmile	survey_person	bigint	Miles Personally Driven in all Vehicles
youngchild	survey_households	double precision	Count of persons with an age between 0 and 4 in household
yrtous	survey_person	bigint	Year of Arrival in United States
yrtous2	survey_person	bigint	Range of Year of Arrival in United States
zip	survey_location	double precision	Postal ZIP Code