Mid-America Regional Council Regional Travel Survey: Lookup Table

Transportation Secure Data Center

Revised: 2016-12-05

Summary Statistics

Travel Diary	Households	
	Persons	
Vehicle GPS	Households	260
	Vehicles	408
	Days of Travel	417
	GPS Frequency (Hz)	1
Vehicle OBD	Households	
	Vehicles	
	Days of Travel	
	GPS Frequency (Hz)	
Wearable GPS	Households	
	Persons	
	Days of Travel	
	GPS Frequency (Hz)	

Blank fields indicate data is not present for this study.

Vehicle Tables

v_households

NREL-generated table used to establish a household's primary key.

Name	Data Type	Comment
sampno	numeric	Household identifier

v_points

The v_points table contains point data from vehicles involved in the study. All higher-level tables (households, persons, trips, etc.) are derived from point tables. For public download, the v_points data is segregated by vehicle and available in the sorted_by_vehicle.zip file. Thus, the v_points table is not available in the full_survey.zip download. This decision was made to better organize the data and manage file sizes.

Name	Data Type	Comment
sampno	numeric	Unique household identifier
vehno	smallint	Original study vehicle identifier

gpstripid	integer	Trip identifier
latitude*	double precision	Latitude recorded by the GPS device
longitude*	double precision	Longitude recorded by the GPS device
gpsspeed	double precision	Speed (in MPH)
altitude	double precision	Elevation (in feet)
bearing	double precision	Vehicle bearing
sat	integer	Number of satellites
geom*	geometry	Geometric point data
time_local	timestamp without time zone	Local timestamp

v_vehicles

NREL-generated table used to establish a vehicle primary key.

Name	Data Type	Comment
sampno	numeric	Unique household identifier
vehno	smallint	Vehicle number (within household)

Sorted by Vehicle Tables

gps_vehicles

NREL-generated table used to establish a vehicle primary key.

Name	Data Type	Comment
sampno	numeric	Unique household identifier
vehno	smallint	Vehicle number (within household)

gps_households

NREL-generated table used to establish a household's primary key.

Name	Data Type	Comment
sampno	numeric	Household identifier

gps_points

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* Indicates that the column has been redacted from cleansed data sets available at www.nrel.gov/tsdc. It has been determined that the column contains sensitive data that must be viewed within the TSDC's secure portal environment.

Note: When necessary, a series of lookup tables was provided in the database to identify the meanings of certain integer-represented responses to survey questions.

How to Cite the TSDC:

If you use TSDC data in a publication, please send a notification to **tsdc@nrel.gov** and include a citation that is consistent with the following format in your publication:

"Transportation Secure Data Center" (2016). National Renewable Energy Laboratory. |*Date TSDC data was accessed*|. www.nrel.gov/tsdc.