

# 2017 PUGET SOUND REGIONAL TRAVEL STUDY

## Public Release 2

June 15, 2018

This is a revised and updated version of the data from the Spring 2017 Household Survey initially released on March 30, 2018. This is the first phase of a planned six-year data collection effort that will include additional data collection waves in 2019 and (tentatively) 2021. This effort continues the survey methodology and approach of the 2014–2015 Puget Sound Regional Travel Study.

The structure of the 2017 survey database is similar to the 2014 survey and more so the 2015 survey. Some attitude questions have been changed and a series of questions about driverless vehicles that were added in 2015 remain in 2017.

There are five data files and codebook, with 'pr1' in their names indicating that this is Public Release 1. If there are updates to the database, the '1' will be changed accordingly.

### FILES

**Household** The Household data has the responses from the primary respondent about household characteristics, as well as information about incentives and how the survey was taken, including platform and language. There are 3,285 records.

**Vehicle** Each vehicle in a household has a record. Households with no vehicles have no record in this file. There are 4,253 records.

**Persons** There is a record for each person in the household, and has the responses from each respondent or proxy about person characteristics and responses to attitude questions. There is also information about how the survey was taken by the respondent or proxy, including platform and language. There are 6,254 records.

**Day** There is a record for each person in the household, and has about the travel day (1 day for on-line survey, up to 7 days for the rMove app). It also includes information about deliveries, online shopping, and telecommuting during the travel day. There are 13,664 records

**Trips** Each record corresponds to a trip recorded by the respondent or proxy during the survey period (1 day for on-line respondents, up to 7 days for respondents using the rMove app). If a person took no trips during the travel period, that person has no record in the Trip file but does in the Persons file. There are 52,492 records.

**Codebook** This is the data dictionary for the data files. It has separate tabs for each of the five. It also has look-up tables for the Park & Ride lots and transit lines fields in the Trip data.

**Revised Home Location** See description under Version 2 Changes.

The Following PDF files were also included with Release 1:

**2017-Household-Survey-Dataset-Guide** This document provides additional explanation for the Travel Study datasets beyond the codebook. It was written to accompany the original data collected and processed by the project consultants and do not include subsequent enhancements to the data or report current number of records in each file.

**PSRC 2017 Final Report** This is the consultant report and includes sections on the study objectives, sampling plan, and survey administration.

**Survey Instrument** The on-line questionnaire in two parts: the recruit survey and the travel diary.

**Invitation Materials** The printed invitation materials in five parts: the postcard prenotice, the postcard reminder, the travel log, the letter FAQ, and the envelope.

## **VERSION 2 CHANGES**

The biggest change from Version 1 is the correction to home location for 422 households. During the preparation of the public release data, the correct point location for these household failed to get applied due to a processing error. The file “Revised home location.xlsx” lists the household ID for these, along with the distance in miles between the original location and the correct location.

Other changes in Version 2:

- Because of overlap of the numbering sequence for new trip records (RECID), all new rSurvey trip records have the RECID field begin with ‘D98’ instead of ‘D99’. The RECID field for new rSurvey records are unchanged.
- The DAYOFWEEK coding in the Household, Day, and Trip files have been changed so that 1 = Sunday, 2 = Monday, etc.
- The TIMESTAMP fields in the Trip file have been removed.
- Some trip records for rMove households had an ‘x’ in the DRIVER field, an artifact left over from our data cleaning and processing. These have been removed.

- A few purpose and mode values had mistakenly been deleted during processing. These have been added back in.
- A duplicate record was removed from the diary of PERSONID 1715324302. Otherwise, the trip file has the same number of records as in Version 1.

For more information, contact:

Neil Kilgren  
Project Manager  
206-971-3602  
nkilgren@psrc.org