2019-winter-transportation-survey\Data\Survey 2019 Winter\Describe data.docx

Description of data in folders

* **Data 0 Raw**
  + *Summary*: Raw CSV data for each survey
  + *Steps*: Downloaded survey responses from Qualtrics website as CSV files
  + *Files*: Separate CSV files for initial survey, travel diary survey days 1 & 2, 3, 4, 5, 6, final survey
  + *Use*: Use as the starting point for data cleaning
* **Data 1 Edited**
  + *Summary*: Raw data, combined, with edits
  + *Steps*: Manually edited by Joshua Ward for errors and other necessary edits
  + *Files*: One Excel file “Edited Data Sheets” with multiple sheets
  + *Use*: Don’t use, except as a reference for scripted edits
* **Data 2 Cleaned**
  + *Summary*: Processed and cleaned data for each survey
  + *Steps*: Processed using data cleaning scripts (clean\_initial.R, clean\_diary12.R, clean\_diary3.R, clean\_diary4.R, clean\_diary5.R, clean\_diary6.R, clean\_final.R)
  + *Files*: Separate CSV and RData files (and CSV files for column names) for initial survey, travel diary survey days 1 & 2, 3, 4, 5, 6, final survey
  + *Use*: Use as starting point for data formatting
* **Data 3a Formatted**
  + *Summary*: Formatted data for eventual use in analyses
  + *Steps*: Processed using data formatting scripts (format\_initial.R, format\_diary.R, format\_final.R) and geocoding scripts (geo\_initial.R, geo\_diary.R, geo\_diary\_addl.R, geo\_trip.R)
  + *Files*: Separate CSV and RData files for households initial, persons initial, vehicles initial, persons final, diary, place, trip; and separate rds files for home, work, school, place, school locations
  + *Use*: Use as starting point for data finishing
* **Data 3b Finished**
  + *Summary*: Initial survey data with geocoded location information
  + *Steps*: Processed using data finishing scripts (finish\_initial.R, finish\_diary.R)
  + *Files*: Separate CSV and rds files for households initial, persons initial, vehicles initial, place, trip
  + *Use*: Use as starting point for data anonymization
* **Data 4 Anonymized**
  + *Summary*: Anonymized survey data for sharing and use in analyses
  + *Steps*: Processed using data anonymization script (anonymize.R)
  + *Files*: Separate CSV and rds files for households initial, persons initial, vehicles initial, persons final, diary, place, trip
  + *Use*: Use for sharing data and as starting point for all analyses