Salt Lake 93 data

For salt lake 93 data, trip file is used instead of activity file. There are more rows in activity file than trip file: some households do not take any trips; each person has one more activities than trips.

**trip file**

Trip file does not have changemode trip.

For each trip, trip file documents every mode used for this trip.

* mode1 (22) First Mode of Transportation Used
* mode2 (23) Second Mode of Transportation Used
* mode3 (24) Third Mode of Transportation Used
* mode4 (25) Fourth Mode of Transportation Used
* mode5 (26) Fifth Mode of Transportation Used
* mode6 (27) Sixth Mode of Transportation Used
* mainmode (28) Main Mode of Transportation Used

Field:

* starttrv (8) Start Travel Time (24hr clock)
* endtrav (9) End Travel Time (24hr clock)
* origtaz (20) Origin Traffic Analysis Zone
* desttaz (21) Destination Traffic Analysis Zone
* day (41) Day of Week Survey was Completed: all survey days are weekday
* totalhh (48) Total Number in HH (regardless of age)
* origplce (12) Place Name of Origin Activity
* destplce (16) Place Name of Destination Activity

Identify trip purpose:

There is purpose field in trip file:

purpose (7) Trip Purpose

Value Label

1 home-based work

2 home-based school

3 home-based college

4 home-based shop

5 home-based other

6 non-home-based work

7 non-home-based other

But this purpose does not differentiate home-based recreation trips from home-based other.

# Identify trip purpose

workLabels = c("work", "work-related")

othLabels = c("at home activities", "pick-up/drop-off someone at work", "pick-up/drop-off someone at school", "pick-up/drop-off someone at other", "childcare(daycare/after school care)", "banking/personal business", "out of town/leaving the area")

shopLabels = c("shopping")

recLabels = c("social/recreation/church/eat out")

schLabels = c("school")

? do not consider went for a drive, travels for living

? pick-up/drop-off someone at work, pick-up/drop-off someone at school, pick-up/drop-off someone at other

Assumption:

Assumption: tripdist.miles is o;district.id is 1; HHWGT is 1

Lack:

Shape file

Tampa Bay 1996

Lack TAZ information and shapefile.