1. AGGACT (aggregated activity) and TPURP (main activity)

|  |  |  |
| --- | --- | --- |
| **AGGACT** | **2010 TPURP** | **1994 TPURP** |
| ChangeMode | 7 change of mode/transportation |  |
| EatOut/Meals | 17 eat meal outside of home | 11-Meals; |
| Escort | 8 dropped off passenger from car; 9picked up passenger from car | 22-Pick-Up/Drop-Off passengers |
| Home | 2all other at home activities |  |
| Other | 97other, specify | 90-Incidental trip; 91-Tag along trip |
| PersonalBus | 12service private vehicle  15household errands (bank, dry clean...); 16 personal business (visit government office,  attorney, accountant) | 16-Personal service; 17-Medical care  18-Professional Service; 19-Household or personal business; 20-Household maintenance; 21-Household obligations; 31-Visiting; |
| 18health care (doctor, dentist) |
| Recreation | 20 outdoor recreation /entertainment  21indoor recreation/entertainment  96 loop trip | 32-Casual entertaining; 33-Formal entertaining  51-Amusements (at-home); 52-Amusements (out-of-home); 53-Hobbies; 54-Exercise; 55-Rest and relaxation;56-Spectator athletic events; |
| School | 5 attending class | 41-School |
| SchoolRelated | 6 all other activities at school |  |
| Shopping | 13routine shopping (groceries, clothing, convenience store, hh maintenance)  14 shopping for major purchases or specialty items (appliances, electronics, New vehicle, major hh repairs) | 14-Shopping(general); 15-Shopping(major); |
| SocialRec | 19 civic/religious activities  12 service private vehicle | 42-Culture; 43-Religion/Civil Service; 44-Civic; 45-Volunter work |
| Work | 3 work/job  4 all other activities at work | 12-Work; |
| WorkAtHome | 1 Working at home |  |
| WorkRelated | 11 work/business related | 12-Work-related |

There is no change mode and work at home activity in Portland\_94. But there field MODCHG indicating whether change mode or not.

Q30 Did you change modes?

Q31: Where did you change modes?

2. Two day survey vs one-day survey

1994 is two-days survey:

DAY1 in hh file and DAY2 in hh file indicate survey day.

3. Home Location

The TRThe OLOC indicate whether activity takes place at home or not.

> length(act1[which(act1$ACT1==51), "OLOC"])

[1] 12950

> nrow(act1)

[1] 64713

> nrow(act1[which(act1$OLOC=="HOME"),])

[1] 38921

4. Portland 1994 income level

INCOME 1993 annual household 29

Format: F2

Value Label

1 $0 ‐ $4,999

2 $5,000 ‐ $9,999

3 $10,000 ‐ $14,999

4 $15,000 ‐ $19,999

5 $20,000 ‐ $24,999

6 $25,000 ‐ $29,999

7 $30,000 ‐ $34,999

8 $35,000 ‐ $39,999

9 $40,000 ‐ $44,999

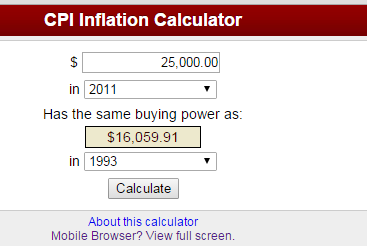
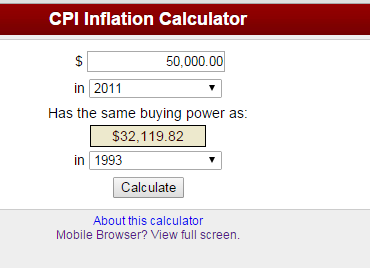
10 $45,000 ‐ $49,999

11 $50,000 ‐ $54,999

12 $55,000 ‐ $59,999

13 $60,000 or more

14 DK/RF

# reclassify income categories (low income: $0- $19,999; mid income: $20,000 - $34,999; high income: $35,000 or more; NA: refused)

# low <- (1,4); median <- (5,7); high <- 8:13

# lack household x, y coordinate, HTAZ

hh.metro <- hh %>%

mutate(inc.level=cut(INCOME,

breaks=c(1, 5, 8, 13.5),

labels=c("lowInc", "midInc", "highInc"), #allow alternative household grouping

include.lowest=T, right=F)

)

5. geocode file do no provide household x/y coordinate

The zip file geocode.zip contains two comma delimited

ASCII files, geocode.raw and rtzacces.raw

geocode.raw file structure:

Contains data from geoact.dta

Obs:165073 (max=182792)

Vars: 9 (max= 20) 1 Apr 1996 13:29

Width: 60 (max= 80)

1. uid double %12.0g Unique ID

2. x double %10.5f X-coordinate

3. y double %10.5f Y-coordinate

4. case\_id double %12.0g Unique XY Coordinate ID

5. freq float %9.0g Total Unique XY Occurances

6. rtz double %10.0g 1260 Transportation Zone

7. sid float %9.0g Sample ID [PDX=1, Vanc=2]

8. totemp94 float %9.0g Total Employment w/i 1 Mile

9. retemp94 double %10.0g Retail Employment w/i 1 Mile

rtzacces.raw file structure:

(N=1244)

1. rtz 1260 Transportation Zone [1-1244]

2. empacc Total Accessibility to employment

3. hhacc Total Accessibility to households