# Codebook for Physical Activity and Transit (PAT) Survey
## Accelerometer Data Minutes File (Unweighted Data)

| Variable | Description | Notes |
|---|---|---|
| **Minute of Activity File - Based on Accelerometer data** | | |
| Patcid | Unique participant identifier | |
| minuteid | Minute id, per participant, minutes (0-10079) for 1 week | |
| hourid | Hour id, per participant, hours (1-168) for 1 week | |
| dayid | Day of participation, (1-7) for 1 week | In order to record late night activities and transit, a participant day spans from **3am-3am** and not a calendar day |
| timeofday | Time in military time indicates hours and minutes | The study starts at 3am on day 1, and ends at 2:59am on day 7; each day of participation spans from **3am-3am** |
| month | Month of year; 3=March; 4=April; 5=May; 6=June; 7=July; 8=August; 9=September; 10=October; 11=November; 12=December | |
| dow | Day of week; 1=Sunday; 2=Monday; 3=Tuesday; 4=Wednesday; 5=Thursday; 6=Friday; 7=Saturday | Day of week is calendar day and spans from midnight-midnight; a day of participation spans from 3am-3am |
| count | total accelerometer activity counts in one minute | 0-99 = sedentary; 100-2019=light; 2020-5999 = moderate; 6000+ = vigorous; If worn=0 then pa=. |
| ped | total 'pedometer' or steps count in each minute | If worn=0 then pa=. |
| boutmin | Indicates whether a minute was part of a ten minute bout of moderate or greater intensity (includes vigorous bout) | A bout may span more than one hour unit (e.g. from 5:55-6:05) would be 5 minutes in hour a and 5 minutes in hour b |
| vigboutmin | Indicates whether a minute was part of a ten minute vigorous bout | |
| worn | Indicator of accelerometer device being worn; non-wear = 60 consecutive minutes of 0 counts, with allowance for 1-2 minutes of counts between 1 and 100 | 1= worn, 0= not worn |
| sed_min | Indicates whether this minute was sedentary | pa less than 100 activity counts, among worn minutes |
| light_min | Indicates whether this minute was light | pa between 100-2019 activity counts, among worn minutes |
| mod_min | Indicates whether this minute was moderate | pa between 2020-5999 activity counts |
| vig_min | Indicates whether this minute was vigorous | pa over 6000 counts per minute |
| weartime | Indicator of how many minutes in a day a participant was wearing the accelerometer | |
| valid_day | A valid day is 10 hours or more of weartime | |