

**TAAG 8A DATA
DERIVED VARIABLE
DICTIONARY**

TAAG 8A Data Derived Variable Dictionary

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7.4	MFI_RS80	R Square of POWER_KG

The value of the variable is 1 if the r-square of the regression line that predicts POWER_KG is > .80. Otherwise, the value is 0.

1. Demographic Variables

1.1 AGE_MEAS

Approximate Decimal Age at Measurement

This is a 12-digit calculation of age based on (Date form completed (MBCA2) – Date of Birth (DSRA4)/365.25).

1.2 ASIAN

Asian

If the girl reported her race to be “Asian,” this variable = “Y,” otherwise this variable = “N.”

1.3 BLACK

Black or African American

If the girl reported her race to be “Black or African American,” this variable = “Y,” otherwise this variable = “N.”

1.4 BLACK_FLG

Binary variable to indicate race as black/non-black

This variable is a binary variable to indicate the student’s race as black or non-black.

If RACE=“B” then BLACK_FLG=1;

Else, if RACE=missing, then BLACK_FLG=missing.

Else, BLACK_FLG=0.

1.5 INDIAN

American Indian or Alaskan Native

If the girl reported her race to be “American Indian or Alaskan Native,” this variable = “Y,” otherwise this variable = “N.”

1.6 ISLAND

Native Hawaiian or Other Pacific Islander

If the girl reported her race to be “Native Hawaiian or Other Pacific Islander,” this variable = “Y,” otherwise this variable = “N.”

1.7 RACE

Recoded race as reported on MSQ and MBC forms (6 categories)

This variable is the TAAG standard for reporting race. The discrete categories for RACE are:

A = Asian or Native Hawaiian or Pacific Islander (non-Hispanic)

B = Black (non-Hispanic)

S = Hispanic (of any race)

I = American Indian or Alaska Native (non-Hispanic)

M = Multi-racial (non-Hispanic)

W = White (non-Hispanic)

The ethnicity question (MSQBA2) and the race question (MSQBA3) from the MSQ determine RACE, unless the subject chose ‘Don’t Know’ only, ‘Other’ only, or if

MSQBA2 is not 'Y' and MSQBA3 is missing. In these three cases, the MBC race is used when available. Specifically,

If MSQBA2 = 'Y' then RACE=S.

Else if MSQBA3 is "1" (White) ONLY, then RACE=W.

Else if MSQBA3 is "2" (Black) ONLY, then RACE=B.

Else if MSQBA3 is "3" (Asian) ONLY, then RACE=A.

Else if MSQBA3 is "4" (Native Hawaiian or Pacific Islander) ONLY, then RACE=A.

Else if MSQBA3 is "5" (American Indian or Alaska Native) ONLY, then RACE=I.

Else if MSQBA3 is "6" (Other) ONLY then RACE = RACE_MBC.

Else if MSQBA3 is "7" (Don't Know) ONLY then RACE = RACE_MBC.

Else if MSQBA3 is missing, then RACE=RACE_MBC.

Else if they choose "3" (Asian) AND "4" (Native Hawaiian or other Pacific Islander), then RACE=A.

Else if they choose more than one of "1," "2," "3," "4," or "5," then RACE=M.

Else if MSQBA3 is "7" (Don't Know) and one or more of races "1-5," then ignore the "Don't Know" and use the remaining race or races to code RACE, using the same logic as above. For example, if "Don't Know," "White" and "Asian" are marked for MSQBA3, then RACE=M. If "Don't Know" and "Black," then RACE=B. If "Don't Know," "Asian" and "Native Hawaiian," then RACE=A.

Else if MSQBA3 is "Other" and one or more of races "1-5," then ignore the "Other" and use the remaining race or races to code RACE, using the same logic as above. For example, if they say "Other," "White" and "Asian," then RACE=M. If they say "Other" and "Black," then RACE=B. If they say "Other," "Asian" and "Native Hawaiian," then RACE=A.

1.8 RACE2

Recoded race as reported on MSQ and MBC forms (5 categories)

RACE 2 is a variable that provides an alternative to the RACE variable above. The difference between RACE and RACE2 is that RACE2 combines the "Multi-racial" and "American Indian or Alaska Native" categories into one "Other" category. The values for RACE2 are:

A = Asian or Native Hawaiian or Pacific Islander (non-Hispanic)

B = Black (non-Hispanic)

O = Other (Multi-racial and (American Indian or Alaska Native)) (non-Hispanic)

S = Hispanic (of any race)

W = White (non-Hispanic)

1.9 RACE3

Recoded race as reported on MSQ and MBC forms (4 categories)

RACE3 provides an alternative to RACE and RACE2. The difference between RACE2 and RACE3 is that RACE3 combines the "Asian or Native Hawaiian or Pacific Islander" category into the "Other" category. The values for RACE3 are:

B = Black
O = Other ((American Indian or Alaska Native), (Asian or Native Hawaiian or Pacific Islander), and Multi-racial)
S = Hispanic
W = White

1.10 RACE4

Recoded ethnicity as reported on MSQ and MBC forms

RACE4 provides the ethnicity for every girl based on her answers to the MSQ and/or MBC form. The values for RACE4 are:

H = Hispanic
NHBLACK = Non-Hispanic Black
NHWHITE = Non-Hispanic White
NHOTHER = Non-Hispanic Other

1.11 RACE_MBC

Recoded race as reported on MBC form

This variable indicates the race reported on the MBC form only. The discrete categories for MBC_RACE are:

A = Asian or Native Hawaiian or Pacific Islander
B = Black
S = Hispanic
I = American Indian or Alaska Native
M = Multi-racial
W = White

1.12 RACE_MSQB

Recoded race as reported on MSQ form

This variable indicates the race reported on the MSQ form only. The discrete categories for MSQ_RACE are:

A = Asian or Native Hawaiian or Pacific Islander
B = Black
S = Hispanic
I = American Indian or Alaska Native
M = Multi-racial
W = White

1.13 White

If the girl reported her race to be "White," this variable = "Y," otherwise this variable = "N."

2. Eligibility, Consent, and Cohort

2.1 BASE_ID

Student is eligible for the study

This variable indicates whether the girl's ID is a baseline ID. This does not necessarily mean that she was part of the randomly selected baseline cohort, but only that she was a 6th grader at a school in which we were enrolling participants.

If the girl has a baseline ID, then BASE_ID = 1
Else BASE_ID = 0.

2.2 CONSENT

Student Consent Status

CONSENT was created by recoding the values in DSCB4 as follows:

If (DSCB4 = 1) then CONSENT = Y.

Else (DSCB4 = 3) then CONSENT = N.

Else (DSCB4 = 4) or
(DSCB4 = 6) or
(DSCB4 = 7) then CONSENT = O.

Else (DSCB4 = 8) then CONSENT = 8.
Else (DSCB4 = =) then CONSENT= = (unresolvable).
Else CONSENT=E.

2.3 EIGHTA

Student is in 8A measurement cohort

This variable indicates whether the girl is in the 8A measurement cohort. The girl is in the measurement cohort if EIGHTA=1. It is created by the non-missing value for DSCB6.

If DSCB6=1 then EIGHTA=1.
Else if DSCB6=0 then EIGHTA=0.

2.4 ELIG

Student is eligible for the study

ELIG was created by the responses entered for questions DSCB1-3.

If (DSCB1 = Y) and
(DSCB2 = N) and
(DSCB3 = N) then ELIG = Y (Yes)

Else (DSCB1=N or missing) or
(DSCB2=Y or missing) or
(DSCB3=Y or missing) then ELIG = N (No)

Else if (DSCB1=unresolvable) and
(DSCB2=unresolvable) or
(DSCB3=unresolvable) then ELIG = Missing

2.5 ELIG_CONSENT

Eligible and has consent

ELIG_CONSENT was created by the value for ELIG and CONSENT.

If (ELIG = Y) and
(CONSENT = Y) then ELIG_CONSENT = Y (Yes)

Else ELIG_CONSENT = N (No)

2.6 WAVE

Wave in which recruited

This variable indicates the wave of recruitment in which the girl was enrolled in TAAG. The range is 1-4.

3. Body Composition

3.1 BMI

BMI calculation

This variable was created by dividing WEIGHT in kilograms by the square of HEIGHT in meters.

3.2 BMI85

BMI above 85th percentile

This variable indicates whether the girl's BMI is above the 85th percentile (as determined by CDC growth charts).

If the girl's BMI calculation is above the 85th percentile then BMI85=1.

Else, if the girl's BMI is below the 85th percentile, then BMI85=0.

Else, if the girl's BMI is missing, then BMI85=missing (.)

3.3 BMI95

BMI above 95th percentile

This variable indicates whether the girl's BMI is above the 95th percentile (as determined by CDC growth charts).

If the girl's BMI calculation is above the 95th percentile then BMI85=1.

Else, if the girl's BMI is below the 95th percentile, then BMI85=0.

Else, if the girl's BMI is missing, then BMI95=missing (.)

3.4 FFM3

Fat-free mass (in kg)

This variable indicates the amount of fat-free mass in a girl's body, in kilograms. This variable is calculated by weight * (1-PFAT3)

3.5 FM3

Fat mass (in kg)

This variable indicates the amount of fat-mass in a girl's body, in kilograms. This is calculated by WEIGHT*PFAT3

3.6 HEIGHT

Average height measurement

This variable was created by taking the average of the height measures (in cm) recorded in MBCA4C and MBCA4D.

3.7 PFAT3

% fat derived using BIA substudy prediction equation (TG031603)

$$PFAT3 = -23.39 + 2.27 * BMI + 1.94 * TRICEP - 2.95 * BLACK - 0.52 * AGE - 0.06 * BMI * TRICEP$$

3.8 TRICEP

Average tricep measurement

This variable was created by taking the average of the 3 tricep measures (in mm) recorded in MBCA6C, MBCA6D, and MBCA6E.

3.9 WEIGHT

Average weight measurement

This variable was created by taking the average of the 2 weight measures (in kg) recorded in MBCA5C and MBCA5D.

4. Student Questionnaire

Scales from the MSQ (Student Questionnaire) are computed when > 75% of items are non-missing. The exception to this is for the depression scale (MSQB80P). This scale is computed when >80% of items are non-missing.

4.1 MSQB_B

Average time alone per week (product of days alone*hours alone)

This variable indicates the average number of hours spent alone per week. It is calculated by multiplying the number of hours alone each day per week by the number of days alone each week.

4.2 MSQB_DA

Sports team participation at school (sum of items 1-15)

This variable indicates the number of sports teams the girl reported participating in at school. The possible range is 0-15.

4.3 MSQB_DB

Sports team participation outside school (sum of items 1-15)

This variable indicates the number of sports teams the girl reported participating in outside of school. The possible range is 0-15.

4.4 MSQB_E

Physical activity classes/lessons (sum of items 1-18)

This variable indicates the number of classes or lessons the girl reporting taking during the last year outside of school. The possible range is 0-18.

4.5 MSQB_F

Self-management strategies (sum of items 1-5 and 7-9)

This variable indicates the computed sum for Scale F. The possible range is 1-40. The value is missing when less than or equal to 75% of the scale items have non-missing values.

4.6 MSQB_G

Self-efficacy (sum of 8 items)

This variable indicates the computed sum for Scale G. The possible range is 1-40. The value is missing when less than or equal to 75% of the scale items have non-missing values.

4.7 MSQB_H

Enjoyment of physical activity (sum of 7 items, reverse scored)

This variable indicates the computed sum for Scale H. The possible range is 1-35. The value is missing when less than or equal to 75% of the scale items have non-missing values.

4.8 MSQB_I

Perceived barriers (sum of 10 items)

This variable indicates the computed sum for Scale I. The possible range is 1-50. The value is missing when less than or equal to 75% of the scale items have non-missing values. For this variable only, a lower sum is expected to be associated with higher physical activity.

4.9 MSQB_JA

Outcome expectancy (sum of 9 side A items)

This variable indicates the computed sum for Scale JA. The possible range is 1-45. The value is missing when less than or equal to 75% of the scale items have non-missing values.

4.10 MSQB_JB

Outcome expectancy value (sum of 9 products of side A & B)

This variable indicates the computed sum for Scale JB. The possible range is 1-45. The value is missing when less than or equal to 75% of the scale items have non-missing values.

4.11 MSQB_K

Enjoyment of physical education (one item)

This variable indicates the value of the one item in Scale K. The possible range is 1-5. The value is missing when less than or equal to 75% of the scale items have non-missing values.

4.12 MSQB_LA

Positive PA school climate for teachers (sum of items 1&2, reverse scored)

This variable indicates the computed sum for Scale L, items 1 & 2. The possible range is 1-10. The value is missing when less than or equal to 75% of the scale items have non-missing values.

4.13 MSQB_LB

Positive PA school climate for boys (sum of items 4 - 6, reverse scored)

This variable indicates the computed sum for Scale L, items 4-6. The possible range is 1-15. The value is missing when less than or equal to 75% of the scale items have non-missing values.

4.14 MSQB_LC

Girls physical activity norms (item 3)

This variable indicates the value for Scale L, item 3. The possible range is 1-5. The value is missing when less than or equal to 75% of the scale items have non-missing values.

4.15 MSQB_N

Access to recreational facilities (sum of YES responses to 14 items)

This variable indicates the computed sum of “Yes” responses for Scale N. The possible range is 0-14. The value is missing when less than or equal to 75% of the scale items have non-missing values.

4.16 MSQB_OA

Providing social support (item 1)

This variable indicates the value of Scale O, item 1. The possible range is 1-10. The value is missing when less than or equal to 75% of the scale items have non-missing values.

4.17 MSQB_OB

Friend support (sum of items 2 - 4)

This variable indicates the value of Scale O, items 2-4. The possible range is 1-15. The value is missing when less than or equal to 75% of the scale items have non-missing values.

4.18 MSQB_OC

Family support (sum of items 5 - 9)

This variable indicates the value of Scale O, items 5-9. The possible range is 1-50. The value is missing when less than or equal to 75% of the scale items have non-missing values.

4.19 MSQB80P

Sum score for Depressive Symptoms scale

P. Depressive Symptoms (20 items). Range from 1 to 4. Items 4, 8, 12 and 16 are positively phrased, items 1-3, 5-7, 9-11, 13-15 and 17-20 are negatively phrased.

Questions 4, 8, 12 and 16 (SCHEME 2)

Original	Direction	Correct order	(x-1)	New value to use to compute the scale
1=Rarely	--	1	(1-1)	0
2	-	2	(2-1)	1
3	+	3	(3-1)	2
4=Most of time	++	4	(4-1)	3

Questions 1-3, 5-7, 9-11, 13-15 and 17-20 (SCHEME 1):

Original	Direction	Correct order	$(x-1) / (n-1)$	New value to use to compute the scale
1=Rarely	++	4	$(4-1)$	3
2	+	3	$(3-1)$	2
3	-	2	$(2-1)$	1
4=Most of time	--	1	$(1-1)$	0

First, compute the new value for each item in the scale (MSQBP1-MSQBP20).

If greater than or equal to 80% of the items in the scale are non-missing, then compute

$$\mathbf{MSQB80P} = \text{SUM}(\text{recoded MSQBP1} - \text{recoded MSQBP20})$$

Else $\mathbf{MSQB80P} = \text{missing}$

Label MSQB80P = 'P. Depressive Symptoms (Sum of 20 items) >= 80% non-missing'

5. Site, School, District

5.1 DISTRICT

School district

This variable indicates the district for each school, within site. The values range from 1–5 (i.e., each site has no more than 5 districts).

5.2 ID

Student ID

TAAG ID number.

5.3 SCH_2C

School Code

This is a unique code which corresponds to each school.

5.4 SITE_1C

Site Code

The site code is a unique ID that corresponds to each site.

5.5 TMT

Treatment Assignment

This variable indicates whether a school is assigned to control or intervention status in TAAG.

C=Control School

I = Intervention School

6. Activity Monitor Variables

Accelerometer counts are collected in 30-second intervals over 6 days. The following variables indicate the number of minutes per time interval per day of sedentary, light, moderate-to-vigorous, vigorous, and MET-weighted moderate-to-vigorous physical activity. For intervals of the day in which the monitor was not worn a pre-specified minimum time, the variables for that interval were imputed.

For each of the 2880 30-sec intervals in a day, the CSA count was converted to a MET value using the following equation: $MET = 2.01 + 0.00171 \times (\text{counts} \cdot 30 \text{ sec}^{-1})$

The threshold ranges for sedentary, light, moderate, and vigorous physical activity were defined as: 0 – 50, 51 – 1500, 1500 – 2600, and > 2600 counts·30 sec⁻¹, respectively.

Days are broken up into 5 time intervals. For weekdays, the time intervals are:

- 1=6am – 9am
- 2=9am – 2pm
- 3=2pm – 5pm
- 4=5pm – 8pm
- 5=8pm – midnight

For weekends, the time intervals are:

- 1=6am – 11am
- 2=11am – 2pm
- 3=2pm – 5pm
- 4=5pm – 8pm
- 5=8pm – midnight

Adherence requirements were derived from the baseline sample of 6th graders. We determined that 70% of girls wore their monitor from 7:15am – 8:30pm weekdays (13.25 hours), and 12:00pm – 7:45pm weekend days (7.75 hours). For any given interval, adherence is defined as wearing time greater than 80% of what was observed in 70% of the girls in the baseline sample. For example, on a weekday, a girl would have to wear the monitor at least 4 hours in the 9am – 2pm interval (where $4 = 0.8 \times 5$ hours) to be considered adherent. If the girl wore the monitor fewer than 4 hours, the minutes of sedentary, light, etc., would be imputed.

Girls who have less than one adherent day are excluded from the analysis.

The number of minutes of sedentary, light, moderate-to-vigorous (MVPA), weighted MVPA, and VPA in each interval, and across the entire day were summed.

Each day of the week, there are 40 variables corresponding to the 8 activity levels and 5 time intervals. The following naming convention was used for the activity monitor variables:

(activity level)(day of the week)(time interval)
where activity level is 3MET, LGT, MVPA, SED, VPA, WMVPA, WT3, WT50;

day of the week is numeric 1-7 (1=Sun, 7=Saturday); and time interval is numeric 1-5.

For example:

_SED_11 = Minutes of sedentary behavior: Sunday 6:00 - 11:00 AM

_SED_12 = Minutes of sedentary behavior: Sunday 11:00AM - 2:00 PM

6.1 **_3MET** **Average daily minutes of activity above 3 METs**

This variable indicates the number of average daily minutes of activity above 3 METs.

6.2 **_3MET_11 - _3MET_75** **Minutes of activity above 3 MET**

These variables indicate the minutes of activity above 3 MET for each of the day and time intervals listed. Each count 30 sec^{-1} greater than 580 is converted to MET value, summed across the interval and divided by 2 to get MET-minutes of MVPA (NOTE: counts $30 \text{ sec}^{-1} < 580$ are not included in the sum). The only missing data will be for those girls who do not have activity monitor data.

_3MET_11	Min of activity above 3 MET: Sun 6am-11am
_3MET_12	Min of activity above 3 MET: Sun 11am-2pm
_3MET_13	Min of activity above 3 MET: Sun 2pm-5pm
_3MET_14	Min of activity above 3 MET: Sun 5pm-8pm
_3MET_15	Min of activity above 3 MET: Sun 8pm-midnight
_3MET_21	Min of activity above 3 MET: Mon 6am-9am
_3MET_22	Min of activity above 3 MET: Mon 9am-2pm
_3MET_23	Min of activity above 3 MET: Mon 2pm-5pm
_3MET_24	Min of activity above 3 MET: Mon 5pm-8pm
_3MET_25	Min of activity above 3 MET: Mon 8pm-midnight
_3MET_31	Min of activity above 3 MET: Tue 6am-9am
_3MET_32	Min of activity above 3 MET: Tue 9am-2pm
_3MET_33	Min of activity above 3 MET: Tue 2pm-5pm
_3MET_34	Min of activity above 3 MET: Tue 5pm-8pm
_3MET_35	Min of activity above 3 MET: Tue 8pm-midnight
_3MET_41	Min of activity above 3 MET: Wed 6am-9am
_3MET_42	Min of activity above 3 MET: Wed 9am-2pm
_3MET_43	Min of activity above 3 MET: Wed 2pm-5pm
_3MET_44	Min of activity above 3 MET: Wed 5pm-8pm
_3MET_45	Min of activity above 3 MET: Wed 8pm-midnight
_3MET_51	Min of activity above 3 MET: Thur 6am-9am
_3MET_52	Min of activity above 3 MET: Thur 9am-2pm
_3MET_53	Min of activity above 3 MET: Thur 2pm-5pm
_3MET_54	Min of activity above 3 MET: Thur 5pm-8pm
_3MET_55	Min of activity above 3 MET: Thur 8pm-midnight
_3MET_61	Min of activity above 3 MET: Fri 6am-9am
_3MET_62	Min of activity above 3 MET: Fri 9am-2pm
_3MET_63	Min of activity above 3 MET: Fri 2pm-5pm
_3MET_64	Min of activity above 3 MET: Fri 5pm-8pm

_3MET_65	Min of activity above 3 MET: Fri 8pm-midnight
_3MET_71	Min of activity above 3 MET: Sat 6am-11am
_3MET_72	Min of activity above 3 MET: Sat 11am-2pm
_3MET_73	Min of activity above 3 MET: Sat 2pm-5pm
_3MET_74	Min of activity above 3 MET: Sat 5pm-8pm
_3MET_75	Min of activity above 3 MET: Sat 8pm-midnight

6.3 _3MET_A2 - _3MET_A6 Min of activity above 3 MET : after school until 6pm - DAY

These variables indicate the minutes of activity above 3 MET occurring after school until 6 pm by day.

_3MET_AS2	= Monday
_3MET_AS3	= Tuesday
_3MET_AS4	= Wednesday
_3MET_AS5	= Thursday
_3MET_AS6	= Friday

6.4 _3MET_AS Average daily minutes of activity above 3 MET: AFTER school until 6 PM

This variable indicates the number of average daily minutes of activity above 3 MET occurring after school until 6 PM.

6.5 _3MET_B2 - _3MET_B6 Min of activity above 3 MET : before school (from 6 AM) - DAY

These variables indicate the minutes of activity above 3 MET occurring before school from 6 am by day.

_3MET_BS2	= Monday
_3MET_BS3	= Tuesday
_3MET_BS4	= Wednesday
_3MET_BS5	= Thursday
_3MET_BS6	= Friday

6.6 _3MET_BS Average daily minutes of activity above 3 MET: before school (from 6 AM)

This variable indicates the number of average daily minutes of activity above 3 MET occurring before school (starting as of 6 am).

6.7 _BA_STAT Flag- CSA Before/After School data existence

This variable indicates whether there is data on before or after school activity.

- 0 = before and after school data does not exist
- 1 = before or after school data exists

6.8 **_DERSTAT** Flag- CSA Derived data existence

This variable indicates whether the activity monitor data for each girl is present on the file.

0 = No activity monitor data present

1 = Activity monitor data present

6.9 **_LGT** Average daily minutes of light activity

This variable is the average daily minutes of light activity. Because we have 4 weekdays of measurement and 2 weekend days, this variable is a weighted average, equal to 5 x (weekday average) + 2 x (weekend average).

6.10 **_LGT_11 –_LGT_75** Minutes of light activity

These 35 variables indicate the minutes of light physical activity for each of the time intervals listed. The only missing data will be for those girls who do not have activity monitor data.

_LGT_11	Min of light act: Sun 6am-11am
_LGT_12	Min of light act: Sun 11am-2pm
_LGT_13	Min of light act: Sun 2pm-5pm
_LGT_14	Min of light act: Sun 5pm-8pm
_LGT_15	Min of light act: Sun 8pm-midnight
_LGT_21	Min of light act: Mon 6am-9am
_LGT_22	Min of light act: Mon 9am-2pm
_LGT_23	Min of light act: Mon 2pm-5pm
_LGT_24	Min of light act: Mon 5pm-8pm
_LGT_25	Min of light act: Mon 8pm-midnight
_LGT_31	Min of light act: Tue 6am-9am
_LGT_32	Min of light act: Tue 9am-2pm
_LGT_33	Min of light act: Tue 2pm-5pm
_LGT_34	Min of light act: Tue 5pm-8pm
_LGT_35	Min of light act: Tue 8pm-midnight
_LGT_41	Min of light act: Wed 6am-9am
_LGT_42	Min of light act: Wed 9am-2pm
_LGT_43	Min of light act: Wed 2pm-5pm
_LGT_44	Min of light act: Wed 5pm-8pm
_LGT_45	Min of light act: Wed 8pm-midnight
_LGT_51	Min of light act: Thur 6am-9am
_LGT_52	Min of light act: Thur 9am-2pm
_LGT_53	Min of light act: Thur 2pm-5pm
_LGT_54	Min of light act: Thur 5pm-8pm
_LGT_55	Min of light act: Thur 8pm-midnight
_LGT_61	Min of light act: Fri 6am-9am
_LGT_62	Min of light act: Fri 9am-2pm
_LGT_63	Min of light act: Fri 2pm-5pm
_LGT_64	Min of light act: Fri 5pm-8pm
_LGT_65	Min of light act: Fri 8pm-midnight

_LGT_71	Min of light act: Sat 6am-11am
_LGT_72	Min of light act: Sat 11am-2pm
_LGT_73	Min of light act: Sat 2pm-5pm
_LGT_74	Min of light act: Sat 5pm-8pm
_LGT_75	Min of light act: Sat 8pm-midnight

6.11 **_MVPA** Average daily minutes of MPVA

This variable is the average daily minutes of moderate-to-vigorous physical activity. Because we have 4 weekdays of measurement and 2 weekend days, this variable is a weighted average, equal to 5 x (weekday average) + 2 x (weekend average).

6.12 **_MVPA_11 – _MVPA_75** Minutes of MVPA activity

These 35 variables indicate the minutes of moderate-to-vigorous physical activity (MVPA) for each of the time intervals listed. The only missing data will be for those girls who do not have activity monitor data.

_MVPA_11	Min of mvpa act: Sun 6am-11am
_MVPA_12	Min of mvpa act: Sun 11am-2pm
_MVPA_13	Min of mvpa act: Sun 2pm-5pm
_MVPA_14	Min of mvpa act: Sun 5pm-8pm
_MVPA_15	Min of mvpa act: Sun 8pm-midnight
_MVPA_21	Min of mvpa act: Mon 6am-9am
_MVPA_22	Min of mvpa act: Mon 9am-2pm
_MVPA_23	Min of mvpa act: Mon 2pm-5pm
_MVPA_24	Min of mvpa act: Mon 5pm-8pm
_MVPA_25	Min of mvpa act: Mon 8pm-midnight
_MVPA_31	Min of mvpa act: Tue 6am-9am
_MVPA_32	Min of mvpa act: Tue 9am-2pm
_MVPA_33	Min of mvpa act: Tue 2pm-5pm
_MVPA_34	Min of mvpa act: Tue 5pm-8pm
_MVPA_35	Min of mvpa act: Tue 8pm-midnight
_MVPA_41	Min of mvpa act: Wed 6am-9am
_MVPA_42	Min of mvpa act: Wed 9am-2pm
_MVPA_43	Min of mvpa act: Wed 2pm-5pm
_MVPA_44	Min of mvpa act: Wed 5pm-8pm
_MVPA_45	Min of mvpa act: Wed 8pm-midnight
_MVPA_51	Min of mvpa act: Thur 6am-9am
_MVPA_52	Min of mvpa act: Thur 9am-2pm
_MVPA_53	Min of mvpa act: Thur 2pm-5pm
_MVPA_54	Min of mvpa act: Thur 5pm-8pm
_MVPA_55	Min of mvpa act: Thur 8pm-midnight
_MVPA_61	Min of mvpa act: Fri 6am-9am
_MVPA_62	Min of mvpa act: Fri 9am-2pm
_MVPA_63	Min of mvpa act: Fri 2pm-5pm
_MVPA_64	Min of mvpa act: Fri 5pm-8pm
_MVPA_65	Min of mvpa act: Fri 8pm-midnight

_MVPA_71 Min of mvpa act: Sat 6am-11am
_MVPA_72 Min of mvpa act: Sat 11am-2pm
_MVPA_73 Min of mvpa act: Sat 2pm-5pm
_MVPA_74 Min of mvpa act: Sat 5pm-8pm
_MVPA_75 Min of mvpa act: Sat 8pm-midnight

6.13 _MVPA_A2 - _MVPA_A6 Mins of mvpa act: after school until 6 pm - DAY

These variables indicate the minutes of moderate to vigorous physical activity (MVPA) occurring after school until 6 pm by day.

_MVPA_A2 = Monday
_MVPA_A3 = Tuesday
_MVPA_A4 = Wednesday
_MVPA_A5 = Thursday
_MVPA_A6 = Friday

6.14 _MVPA_AS Avg daily mins of mvpa act: After school until 6pm

This variable indicates the number of average daily minutes of moderate to vigorous physical activity (MVPA) occurring after school until 6 pm.

6.15 _MVPA_B2 - _MVPA_B6 Mins of mvpa act: before school (from 6 AM) - DAY

These variables indicate the minutes of moderate to vigorous physical activity (MVPA) occurring before school starting at 6 am by day.

_MVPA_B2= Monday
_MVPA_B3= Tuesday
_MVPA_B4= Wednesday
_MVPA_B5= Thursday
_MVPA_B6= Friday

6.16 _MVPA_BS Avg daily mins of mvpa act: before school (from 6 AM)

This variable indicates the number of average daily minutes of moderate to vigorous physical activity (MVPA) occurring before school starting at 6 am.

6.17 _SED Average daily minutes of sedentary activity

This variable is the average daily minutes of sedentary activity. Because we have 4 weekdays of measurement and 2 weekend days, this variable is a weighted average, equal to 5 x (weekday average) + 2 x (weekend average).

6.18 _SED_11 – _SED_75 Minutes of sedentary activity

These 35 variables indicate the minutes of sedentary physical activity for each of the time intervals listed. The only missing data will be for those girls who do not have activity monitor data.

_SED_11 Min of sed act: Sun 6am-11am

_SED_12	Min of sed act: Sun 11am-2pm
_SED_13	Min of sed act: Sun 2pm-5pm
_SED_14	Min of sed act: Sun 5pm-8pm
_SED_15	Min of sed act: Sun 8pm-midnight
_SED_21	Min of sed act: Mon 6am-9am
_SED_22	Min of sed act: Mon 9am-2pm
_SED_23	Min of sed act: Mon 2pm-5pm
_SED_24	Min of sed act: Mon 5pm-8pm
_SED_25	Min of sed act: Mon 8pm-midnight
_SED_31	Min of sed act: Tue 6am-9am
_SED_32	Min of sed act: Tue 9am-2pm
_SED_33	Min of sed act: Tue 2pm-5pm
_SED_34	Min of sed act: Tue 5pm-8pm
_SED_35	Min of sed act: Tue 8pm-midnight
_SED_41	Min of sed act: Wed 6am-9am
_SED_42	Min of sed act: Wed 9am-2pm
_SED_43	Min of sed act: Wed 2pm-5pm
_SED_44	Min of sed act: Wed 5pm-8pm
_SED_45	Min of sed act: Wed 8pm-midnight
_SED_51	Min of sed act: Thur 6am-9am
_SED_52	Min of sed act: Thur 9am-2pm
_SED_53	Min of sed act: Thur 2pm-5pm
_SED_54	Min of sed act: Thur 5pm-8pm
_SED_55	Min of sed act: Thur 8pm-midnight
_SED_61	Min of sed act: Fri 6am-9am
_SED_62	Min of sed act: Fri 9am-2pm
_SED_63	Min of sed act: Fri 2pm-5pm
_SED_64	Min of sed act: Fri 5pm-8pm
_SED_65	Min of sed act: Fri 8pm-midnight
_SED_71	Min of sed act: Sat 6am-11am
_SED_72	Min of sed act: Sat 11am-2pm
_SED_73	Min of sed act: Sat 2pm-5pm
_SED_74	Min of sed act: Sat 5pm-8pm
_SED_75	Min of sed act: Sat 8pm-midnight

6.19 _SED_A2 - _SED_S6 Mins of sed act: after school until 6 PM - DAY

These variables indicate the minutes of sedentary activity occurring after school until 6 pm by day.

_SED_A2=	Monday
_SED_A3=	Tuesday
_SED_A4=	Wednesday
_SED_A5=	Thursday
_SED_A6=	Friday

6.20 _SED_AS Avg daily mins of sed act: after school until 6 PM

This variable indicates the number of average daily minutes of sedentary activity occurring after school until 6 pm.

6.21 _SED_B2 - _SED_BS6 Mins of sed act: before school (from 6 AM)-DAY

These variables indicate the minutes of sedentary activity occurring before school starting at 6 am by day.

_SED_B2= Monday

_SED_B3= Tuesday

_SED_B4= Wednesday

_SED_B5= Thursday

_SED_B6= Friday

6.22 _SED_BS Avg daily mins of sed act: before school (from 6 AM)

This variable indicates the number of average daily minutes of sedentary activity occurring before school starting at 6 am.

6.23 _TPA_A2 - _TPA_A6 Mins of totPA act: after school until 6 PM-DAY

These variables indicate the number of minutes of total physical activity after school until 6 pm by day.

_TPA_A2= Monday

_TPA_A3= Tuesday

_TPA_A4= Wednesday

_TPA_A5= Thursday

_TPA_A6= Friday

6.24 _TPA_AS Avg daily mins of totPA act: after school until 6 PM

This variable indicates the number of average daily minutes of total physical activity occurring after school until 6 pm.

6.25 _TPA_B2 - _TPA_B6 Mins of totPA act: before school (from 6 AM)-day

These variables indicate the number of minutes of total physical activity occurring before school starting at 6 am by day.

_TPA_B2= Monday

_TPA_B3= Tuesday

_TPA_B4= Wednesday

_TPA_B5= Thursday

_TPA_B6= Friday

6.26 _TPA_BS Avg daily mins of totPA act: before school (from 6 AM)

This variable indicates the number of average daily minutes of total physical activity occurring before school starting at 6 am.

6.27 **_VPA** Average daily minutes of VPA

This variable is the average daily minutes of vigorous physical activity. Because we have 4 weekdays of measurement and 2 weekend days, this variable is a weighted average, equal to $5 \times (\text{weekday average}) + 2 \times (\text{weekend average})$.

6.28 **_VPA_11 – _VPA_75** Minutes of VPA activity

These 35 variables indicate the minutes of vigorous physical activity (VPA) for each of the time intervals listed. The only missing data will be for those girls who do not have activity monitor data.

_VPA_11	Min of vpa act: Sun 6am-11am
_VPA_12	Min of vpa act: Sun 11am-2pm
_VPA_13	Min of vpa act: Sun 2pm-5pm
_VPA_14	Min of vpa act: Sun 5pm-8pm
_VPA_15	Min of vpa act: Sun 8pm-midnight
_VPA_21	Min of vpa act: Mon 6am-9am
_VPA_22	Min of vpa act: Mon 9am-2pm
_VPA_23	Min of vpa act: Mon 2pm-5pm
_VPA_24	Min of vpa act: Mon 5pm-8pm
_VPA_25	Min of vpa act: Mon 8pm-midnight
_VPA_31	Min of vpa act: Tue 6am-9am
_VPA_32	Min of vpa act: Tue 9am-2pm
_VPA_33	Min of vpa act: Tue 2pm-5pm
_VPA_34	Min of vpa act: Tue 5pm-8pm
_VPA_35	Min of vpa act: Tue 8pm-midnight
_VPA_41	Min of vpa act: Wed 6am-9am
_VPA_42	Min of vpa act: Wed 9am-2pm
_VPA_43	Min of vpa act: Wed 2pm-5pm
_VPA_44	Min of vpa act: Wed 5pm-8pm
_VPA_45	Min of vpa act: Wed 8pm-midnight
_VPA_51	Min of vpa act: Thur 6am-9am
_VPA_52	Min of vpa act: Thur 9am-2pm
_VPA_53	Min of vpa act: Thur 2pm-5pm
_VPA_54	Min of vpa act: Thur 5pm-8pm
_VPA_55	Min of vpa act: Thur 8pm-midnight
_VPA_61	Min of vpa act: Fri 6am-9am
_VPA_62	Min of vpa act: Fri 9am-2pm
_VPA_63	Min of vpa act: Fri 2pm-5pm
_VPA_64	Min of vpa act: Fri 5pm-8pm
_VPA_65	Min of vpa act: Fri 8pm-midnight
_VPA_71	Min of vpa act: Sat 6am-11am
_VPA_72	Min of vpa act: Sat 11am-2pm
_VPA_73	Min of vpa act: Sat 2pm-5pm
_VPA_74	Min of vpa act: Sat 5pm-8pm
_VPA_75	Min of vpa act: Sat 8pm-midnight

6.29 **_WMVPA Average daily minutes of MET-weighted MVPA**

This variable is the average daily minutes of MET-weighted moderate-to-vigorous physical activity. Because we have 4 weekdays of measurement and 2 weekend days, this variable is a weighted average, equal to $5 \times (\text{weekday average}) + 2 \times (\text{weekend average})$.

6.30 **_WMVPA11 – _WMVPA75 Minutes of WTMVPA activity**

These 35 variables indicate the minutes of MET-weighted moderate-to-vigorous physical activity for each of the time intervals listed. Each count 30 sec^{-1} greater than 1500 is converted to MET value, summed across the interval and divided by 2 to get MET-minutes of MVPA (NOTE: counts $30 \text{ sec}^{-1} < 1500$ are not included in the sum). The only missing data will be for those girls who do not have activity monitor data.

_WMVPA11 Min of wmvpa act: Sun 6am-11am
_WMVPA12 Min of wmvpa act: Sun 11am-2pm
_WMVPA13 Min of wmvpa act: Sun 2pm-5pm
_WMVPA14 Min of wmvpa act: Sun 5pm-8pm
_WMVPA15 Min of wmvpa act: Sun 8pm-midnight
_WMVPA21 Min of wmvpa act: Mon 6am-9am
_WMVPA22 Min of wmvpa act: Mon 9am-2pm
_WMVPA23 Min of wmvpa act: Mon 2pm-5pm
_WMVPA24 Min of wmvpa act: Mon 5pm-8pm
_WMVPA25 Min of wmvpa act: Mon 8pm-midnight
_WMVPA31 Min of wmvpa act: Tue 6am-9am
_WMVPA32 Min of wmvpa act: Tue 9am-2pm
_WMVPA33 Min of wmvpa act: Tue 2pm-5pm
_WMVPA34 Min of wmvpa act: Tue 5pm-8pm
_WMVPA35 Min of wmvpa act: Tue 8pm-midnight
_WMVPA41 Min of wmvpa act: Wed 6am-9am
_WMVPA42 Min of wmvpa act: Wed 9am-2pm
_WMVPA43 Min of wmvpa act: Wed 2pm-5pm
_WMVPA44 Min of wmvpa act: Wed 5pm-8pm
_WMVPA45 Min of wmvpa act: Wed 8pm-midnight
_WMVPA51 Min of wmvpa act: Thur 6am-9am
_WMVPA52 Min of wmvpa act: Thur 9am-2pm
_WMVPA53 Min of wmvpa act: Thur 2pm-5pm
_WMVPA54 Min of wmvpa act: Thur 5pm-8pm
_WMVPA55 Min of wmvpa act: Thur 8pm-midnight
_WMVPA61 Min of wmvpa act: Fri 6am-9am
_WMVPA62 Min of wmvpa act: Fri 9am-2pm
_WMVPA63 Min of wmvpa act: Fri 2pm-5pm
_WMVPA64 Min of wmvpa act: Fri 5pm-8pm
_WMVPA65 Min of wmvpa act: Fri 8pm-midnight
_WMVPA71 Min of wmvpa act: Sat 6am-11am
_WMVPA72 Min of wmvpa act: Sat 11am-2pm

_WMVPA73 Min of wmvpa act: Sat 2pm-5pm
_WMVPA74 Min of wmvpa act: Sat 5pm-8pm
_WMVPA75 Min of wmvpa act: Sat 8pm-midnight

6.31 _WMVPAA2 - _WMVPAA6 Mins of wtMVPA act: after school until 6 PM-DAY

These variables indicates the number of average daily minutes of MET weighted moderate to vigorous physical activity occurring after school until 6 pm by day.

_WMVPAA2= Monday
_WMVPAA3= Tuesday
_WMVPAA4= Wednesday
_WMVPAA5= Thursday
_WMVPAA6= Friday

6.32 _WMVPAAS Avg daily mins of wtMVPA act: after school until 6 PM

This variable indicates the number of average daily minutes of MET weighted moderate to vigorous physical activity occurring after school until 6 pm.

6.33 _WMVPAB2 - _WMVPAB6 Mins of wtMVPA act: before school (from 6 AM)-DAY

These variables indicates the number of average daily minutes of MET weighted moderate to vigorous physical activity occurring before school starting at 6 am by day.

_WMVPAB2= Monday
_WMVPAB3= Tuesday
_WMVPAB4= Wednesday
_WMVPAB5= Thursday
_WMVPAB6= Friday

6.34 _WMVPABS Avg daily mins of wtMVPA act: before school (from 6 AM)

This variable indicates the number of average daily minutes of MET weighted moderate to vigorous physical activity occurring before school starting at 6 am.

6.35 _WT3 Average daily MET-weighted minutes of 3 MET MVPA

This variable indicates the number of average daily MET-weighted minutes of 3 MET moderate to vigorous physical activity (MVPA).

6.36 _WT3_11 – _WT3_75 MET-weighted minutes of activity above 3 MET

These variables indicate the MET-weighted minutes of activity above 3 MET for each of the day and time intervals listed. Each count:30 sec⁻¹ greater than 580 is converted to MET value, summed across the interval and divided by 2 to get MET-minutes of MVPA (NOTE: counts:30 sec⁻¹ < 580 are not included in the sum). The only missing data will be for those girls who do not have activity monitor data.

_WT3_11	MET-weighted minutes of activity above 3 MET: Sun 6am-11am
_WT3_12	MET-weighted minutes of activity above 3 MET: Sun 11am-2pm
_WT3_13	MET-weighted minutes of activity above 3 MET: Sun 2pm-5pm
_WT3_14	MET-weighted minutes of activity above 3 MET: Sun 5pm-8pm
_WT3_15	MET-weighted minutes of activity above 3 MET: Sun 8pm-midnight
_WT3_21	MET-weighted minutes of activity above 3 MET: Mon 6am-9am
_WT3_22	MET-weighted minutes of activity above 3 MET: Mon 9am-2pm
_WT3_23	MET-weighted minutes of activity above 3 MET: Mon 2pm-5pm
_WT3_24	MET-weighted minutes of activity above 3 MET: Mon 5pm-8pm
_WT3_25	MET-weighted minutes of activity above 3 MET: Mon 8pm-midnight
_WT3_31	MET-weighted minutes of activity above 3 MET: Tue 6am-9am
_WT3_32	MET-weighted minutes of activity above 3 MET: Tue 9am-2pm
_WT3_33	MET-weighted minutes of activity above 3 MET: Tue 2pm-5pm
_WT3_34	MET-weighted minutes of activity above 3 MET: Tue 5pm-8pm
_WT3_35	MET-weighted minutes of activity above 3 MET: Tue 8pm-midnight
_WT3_41	MET-weighted minutes of activity above 3 MET: Wed 6am-9am
_WT3_42	MET-weighted minutes of activity above 3 MET: Wed 9am-2pm
_WT3_43	MET-weighted minutes of activity above 3 MET: Wed 2pm-5pm
_WT3_44	MET-weighted minutes of activity above 3 MET: Wed 5pm-8pm
_WT3_45	MET-weighted minutes of activity above 3 MET: Wed 8pm-midnight
_WT3_51	MET-weighted minutes of activity above 3 MET: Thur 6am-9am
_WT3_52	MET-weighted minutes of activity above 3 MET: Thur 9am-2pm
_WT3_53	MET-weighted minutes of activity above 3 MET: Thur 2pm-5pm
_WT3_54	MET-weighted minutes of activity above 3 MET: Thur 5pm-8pm
_WT3_55	MET-weighted minutes of activity above 3 MET: Thur 8pm-midnight
_WT3_61	MET-weighted minutes of activity above 3 MET: Fri 6am-9am
_WT3_62	MET-weighted minutes of activity above 3 MET: Fri 9am-2pm
_WT3_63	MET-weighted minutes of activity above 3 MET: Fri 2pm-5pm
_WT3_64	MET-weighted minutes of activity above 3 MET: Fri 5pm-8pm
_WT3_65	MET-weighted minutes of activity above 3 MET: Fri 8pm-midnight
_WT3_71	MET-weighted minutes of activity above 3 MET: Sat 6am-11am
_WT3_72	MET-weighted minutes of activity above 3 MET: Sat 11am-2pm
_WT3_73	MET-weighted minutes of activity above 3 MET: Sat 2pm-5pm
_WT3_74	MET-weighted minutes of activity above 3 MET: Sat 5pm-8pm
_WT3_75	MET-weighted minutes of activity above 3 MET: Sat 8pm-midnight

6.37 _WT50 Average daily MET-weighted minutes of activity above 50 counts per 30 seconds

This variable indicates the number of average daily MET-weighted minutes of activity above 50 counts per 30 seconds.

6.38 _WT50_11 –WT50_75 Min of wt50cnt activity

These variables indicate the minutes of MET weighted 50 counts of physical activity for each of the day and time intervals listed. Each count 30 sec^{-1} greater than 50 is converted to MET value, summed across the interval and divided by 2 to get MET-minutes of MVPA (NOTE: counts $30 \text{ sec}^{-1} < 50$ are not included in the

sum). The only missing data will be for those girls who do not have activity monitor data.

_WT50_11	Min of wt50cnt act: Sun 6am-11am
_WT50_12	Min of wt50cnt act: Sun 11am-2pm
_WT50_13	Min of wt50cnt act: Sun 2pm-5pm
_WT50_14	Min of wt50cnt act: Sun 5pm-8pm
_WT50_15	Min of wt50cnt act: Sun 8pm-midnight
_WT50_21	Min of wt50cnt act: Mon 6am-9am
_WT50_22	Min of wt50cnt act: Mon 9am-2pm
_WT50_23	Min of wt50cnt act: Mon 2pm-5pm
_WT50_24	Min of wt50cnt act: Mon 5pm-8pm
_WT50_25	Min of wt50cnt act: Mon 8pm-midnight
_WT50_31	Min of wt50cnt act: Tue 6am-9am
_WT50_32	Min of wt50cnt act: Tue 9am-2pm
_WT50_33	Min of wt50cnt act: Tue 2pm-5pm
_WT50_34	Min of wt50cnt act: Tue 5pm-8pm
_WT50_35	Min of wt50cnt act: Tue 8pm-midnight
_WT50_41	Min of wt50cnt act: Wed 6am-9am
_WT50_42	Min of wt50cnt act: Wed 9am-2pm
_WT50_43	Min of wt50cnt act: Wed 2pm-5pm
_WT50_44	Min of wt50cnt act: Wed 5pm-8pm
_WT50_45	Min of wt50cnt act: Wed 8pm-midnight
_WT50_51	Min of wt50cnt act: Thur 6am-9am
_WT50_52	Min of wt50cnt act: Thur 9am-2pm
_WT50_53	Min of wt50cnt act: Thur 2pm-5pm
_WT50_54	Min of wt50cnt act: Thur 5pm-8pm
_WT50_55	Min of wt50cnt act: Thur 8pm-midnight
_WT50_61	Min of wt50cnt act: Fri 6am-9am
_WT50_62	Min of wt50cnt act: Fri 9am-2pm
_WT50_63	Min of wt50cnt act: Fri 2pm-5pm
_WT50_64	Min of wt50cnt act: Fri 5pm-8pm
_WT50_65	Min of wt50cnt act: Fri 8pm-midnight
_WT50_71	Min of wt50cnt act: Sat 6am-11am
_WT50_72	Min of wt50cnt act: Sat 11am-2pm
_WT50_73	Min of wt50cnt act: Sat 2pm-5pm
_WT50_74	Min of wt50cnt act: Sat 5pm-8pm
_WT50_75	Min of wt50cnt act: Sat 8pm-midnight

6.39 **TMVPA1 – TMVPA7** **Total minutes of MVPA each day**

These 7 variables indicate the total minutes of moderate to vigorous physical activity accumulated for each of the days listed.

TMVPA1	Total minutes of MVPA activity on Sunday
TMVPA2	Total minutes of MVPA activity on Monday
TMVPA3	Total minutes of MVPA activity on Tuesday

TMVPA4	Total minutes of MVPA activity on Wednesday
TMVPA5	Total minutes of MVPA activity on Thursday
TMVPA6	Total minutes of MVPA activity on Friday
TMVPA7	Total minutes of MVPA activity on Saturday

6.40 TOT3MET1 - TOT3MET7 Total min of 3 METs act

These 7 variables indicate the total minutes of 3 METs of physical activity for each of the time intervals listed.

TOT3MET1	Total min of 3 METs act: Sun
TOT3MET2	Total min of 3 METs act: Mon
TOT3MET3	Total min of 3 METs act: Tue
TOT3MET4	Total min of 3 METs act: Wed
TOT3MET5	Total min of 3 METs act: Thur
TOT3MET6	Total min of 3 METs act: Fri
TOT3MET7	Total min of 3 METs act: Sat

6.41 TOTLGT1-TOTLGT7 Total minutes of light activity each day

These 7 variables indicate the total minutes of light physical activity accumulated for each of the days listed.

TOTLGT1	Total minutes of light activity on Sunday
TOTLGT2	Total minutes of light activity on Monday
TOTLGT3	Total minutes of light activity on Tuesday
TOTLGT4	Total minutes of light activity on Wednesday
TOTLGT5	Total minutes of light activity on Thursday
TOTLGT6	Total minutes of light activity on Friday
TOTLGT7	Total minutes of light activity on Saturday

6.42 TOTSED1 – TOTSED7 Total minutes of sedentary activity each day

These 7 variables indicate the total minutes of sedentary physical activity accumulated for each of the days listed.

TOTSED1	Total minutes of sedentary activity on Sunday
TOTSED2	Total minutes of sedentary activity on Monday
TOTSED3	Total minutes of sedentary activity on Tuesday
TOTSED4	Total minutes of sedentary activity on Wednesday
TOTSED5	Total minutes of sedentary activity on Thursday
TOTSED6	Total minutes of sedentary activity on Friday
TOTSED7	Total minutes of sedentary activity on Saturday

6.43 TOTVPA1 – TOTVPA7 Total minutes of vigorous activity each day

These 7 variables indicate the total minutes of vigorous physical activity accumulated for each of the days listed.

TOTVPA1	Total minutes of vigorous activity on Sunday
TOTVPA2	Total minutes of vigorous activity on Monday
TOTVPA3	Total minutes of vigorous activity on Tuesday
TOTVPA4	Total minutes of vigorous activity on Wednesday
TOTVPA5	Total minutes of vigorous activity on Thursday
TOTVPA6	Total minutes of vigorous activity on Friday
TOTVPA7	Total minutes of vigorous activity on Saturday

6.44 TOTWT3_1 – TOTWT3_7 Total min of wt3met act

These 7 variables indicate the total minutes of 3-MET-weighted physical activity for each of the time intervals listed.

TOTWT31	Total min of wt3met act: Sun
TOTWT32	Total min of wt3met act: Mon
TOTWT33	Total min of wt3met act: Tue
TOTWT34	Total min of wt3met act: Wed
TOTWT35	Total min of wt3met act: Thur
TOTWT36	Total min of wt3met act: Fri
TOTWT37	Total min of wt3met act: Sat

6.45 TWT50_1 - TWT50_7 Total min of wt50cnt act

These 7 variables indicate the total minutes weighted 50 counts of physical activity for each of the time intervals listed.

TWT501	Total min of wt50cnt act: Sun
TWT502	Total min of wt50cnt act: Mon
TWT503	Total min of wt50cnt act: Tue
TWT504	Total min of wt50cnt act: Wed
TWT505	Total min of wt50cnt act: Thur
TWT506	Total min of wt50cnt act: Fri
TWT507	Total min of wt50cnt act: Sat

6.46 TWTMVPA1 – TWTMVPA7 Total minutes of weighted MVPA each day

These 7 variables indicate the total minutes of MET-weighted moderate-to-vigorous physical activity for each of the time intervals listed.

TWTMVPA1	Total minutes of weighted MVPA activity on Sunday
TWTMVPA2	Total minutes of weighted MVPA activity on Monday
TWTMVPA3	Total minutes of weighted MVPA activity on Tuesday
TWTMVPA4	Total minutes of weighted MVPA activity on Wednesday
TWTMVPA5	Total minutes of weighted MVPA activity on Thursday
TWTMVPA6	Total minutes of weighted MVPA activity on Friday
TWTMVPA7	Total minutes of weighted MVPA activity on Saturday

7. Fitness Test Variables

7.1 MFI_CAD MFI Cadence Problem

This variable indicates whether the word “CADENCE” appears in the notelog of the MFI form. If it does, MFI_CADENCE_PROBLEM = 1, else MFI_CADENCE_PROBLEM = missing.

7.2 MFI_POWR Estimated Power_Kg at HR=170

This variable is the estimated power per kilogram of body weight at a heart rate of 170.

7.3 MFI_STG Number of Stages with Workload and Heart rate Data

This variable indicates the number of stages (range 0 – 4) with workload and heart rate data present.

7.4 MFI_RS80 R Square of POWER_KG

This variable indicates whether the r-square of the regression line that predicts POWER_KG is $> .80$. If yes, the value of the variable is 1. Otherwise, the value is 0.