

**TAAG 8A 3DPAR DATA
DERIVED VARIABLE
DICTIONARY**

TAAG 8A 3DPAR Data Derived Variable Dictionary

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1. Physical Activity Recall (3DPAR, MPA) – 36 records per ID per day.

NOTE: Analysts using data from either the MPA (3DPAR: 3-Day physical activity recall) or the MRF (PE participation and bike/walk to/from school) should be aware that those data are not necessarily collected on the day after the final day of accelerometer data collection.

1.1	ACT	Activity Num (Char 01-71)
1.2	DAY	Day of week (Num 1=SUN, 2=MON,..., 7=SAT)
1.3	INTENSE	Intensity Cols (Num 1-4)
1.4	INT_FLAG	1 = Non-missing, 0 = Expected and missing, 2 = Unexpected
1.5	METS	MET level
1.6	MPADATE	Date of 3DPAR
1.7	MVPA3MET	Equal to or above 3 MET cutpoint (1=Yes, 0=No)
1.8	MVPATAAG	Equal to or above TAAG MVPA cutpoint of 4.6 MET (1=Yes, 0=No)
1.9	REC_STAT	Record status: D (data), M (perm. miss)
1.10	SEDENT	Sedentary Activity (phone, TV or computer: 0=No 1=Yes)
1.11	SEQNO	Sequence Number at top of form
1.12	TIME	Time Column (Char 1-36)
1.13	VPA6MET	Equal to or above 6 MET cutpoint (1=Yes, 0=No)
1.14	VPATAAG	Equal to or above TAAG VPA cutpoint of 6.5 MET (1=Yes, 0=No)
1.15	WEEK	Weekday/Weekend (Num 1=Wkday 2=Wkend)
1.16	WHERE	Where Col (Char 1-5)
1.17	WITH	With Whom Col (Char 0-3)

Appendix: SAS Formats

3-Day Physical Activity Recall (3DPAR, MPA) – 36 records per ID per day

The Physical Activity Recall (PAR) is a self-report instrument in which the subject recalls activity in 30-minute blocks from 6 am to midnight. The various activities include getting ready activities, school-related activities, sedentary activities and a variety of common physical activities. The 3-Day PAR (3-DPAR) is a modified version of the PAR in which the subject recalls activity on the previous day, two days previous and three days previous, in that order.

The intensity of the physical activities was recorded by the subject as well. The MET level of each activity is assessed according to type of activity and intensity. In other words, the MET levels are intensity-weighted. For 2.9% of the physical activities, intensity is missing. In these cases, the MET value for the lowest intensity was assigned. The result is that 48.5% of those with missing intensity are ≥ 3 MET (MVPA) at a light intensity. Further, 8.9% are ≥ 6 MET (VPA) at light intensity.

The location of each moderate-vigorous physical activity was recorded as well as who, if anyone, joined the subject for the activity. See the formats for WHERE and WITH for the response set.

The structure of the data set is as follows. For each ID and SEQNO, there are 36 records which represent the 36 half-hour blocks, from 6:00 am to midnight. SEQNO is 001 for the previous day of recall, 002 is for two days previous and 003 is for 3 days previous. ID and SEQNO (sequence) are always non-missing. A 'D' for the REC_STAT variable indicates that the subject recorded data for that sequence and 'M' indicates that the entire day's data were not recorded. If the REC_STAT is 'M', then all of the fields except for ID and SEQNO will be missing.

There are 1944 unique IDs on the data set. Of them, 1929 have at least one day of recall data. Consequently, there are 15 IDs that are missing all three days of recall. The number of subjects with at least two days of recall is 1916. There are 1874 subjects who have complete data, or in other words, all three days of recall.

1.1 ACT Activity Num (Char 01-71)

The recorded activity, ranging from 1 to 71.

*/*EATING*/*

'1' = '1. Eating a meal'

'2' = '2. Snacking'

*/*AFTER SCHOOL/SPARE TIME/HOBBIES*/*

'3' = '3. Church'

'4' = '4. Hanging around'

'5' = '5. Homework'

'6' = '6. Listening to music'

'7' = '7. Music lesson/playing instrument'

'8' = '8. Video games/surfing internet'

'9' = '9. Reading'

'10' = '10. Shopping'

'11' = '11. Talking on phone'

'12' = '12. Watching TV or movie'

*/*SLEEP/BATHING*/*

'13' = '13. Getting dressed'

'14' = '14. Getting ready (hair, make-up)'

'15' = '15. Showering/bathing'

'16' = '16. Sleeping'

*/*SCHOOL*/*

'17' = '17. Lunch/free time/study hall'

'18' = '18. Sitting in class'

'19' = '19. Club, student activity'

'20' = '20. Marching band/flag line'

'21' = '21. P.E. Class'

*/*TRANSPORTATION*/*

'22' = '22. Riding in a car/bus'

'23' = '23. Travel by walking'

'24' = '24. Travel by bicycling'

*/*WORK*/*

'25' = '25. Working (part-time job, child care)'

'26' = '26. Doing house chores'

'27' = '27. Yard Work (e.g., mowing, raking)'

*/*PHYSICAL ACTIVITIES*/*

'28' = '28. Aerobics, jazzercise, water aerobics, taebo'

'29' = '29. Basketball'

'30' = '30. Bicycling, mountain biking'

'31' = '31. Bowling'

'32' = '32. Broomball'

'33' = '33. Calisthenics / Exercises'

'34' = '34. Cheerleading, drill team'

'35' = '35. Dance'
 '36' = '36. Exercise machine'
 '37' = '37. Football'
 '38' = '38. Frisbee'
 '39' = '39. Golf / Mini-golf'
 '40' = '40. Gymnastics / Tumbling'
 '41' = '41. Hiking'
 '42' = '42. Hockey (ice, field, street, or floor)'
 '43' = '43. Horseback riding'
 '44' = '44. Jumping rope'
 '45' = '45. Kick boxing'
 '46' = '46. Lacrosse'
 '47' = '47. Martial arts'
 '48' = '48. Playground games'
 '49' = '49. Playing catch'
 '50' = '50. Playing with younger children'
 '51' = '51. Roller blading, ice skating, roller skating'
 '52' = '52. Riding scooters'
 '53' = '53. Running / Jogging'
 '54' = '54. Skiing (downhill, cross country, or water)'
 '55' = '55. Skateboarding'
 '56' = '56. Sledding, tobogganing, bobsledding'
 '57' = '57. Snowboarding'
 '58' = '58. Soccer'
 '59' = '59. Softball/baseball'
 '60' = '60. Surfing (body or board) / Skimboarding'
 '61' = '61. Swimming (laps)'
 '62' = '62. Swimming (play, pool games)'
 '63' = '63. Tennis, racquetball, badminton, paddleball'
 '64' = '64. Trampolining'
 '65' = '65. Track & field'
 '66' = '66. Volleyball'
 '67' = '67. Walking for exercise'
 '68' = '68. Weightlifting'
 '69' = '69. Wrestling'
 '70' = '70. Yoga, stretching'
 '71' = '71. Other'
 '=','==','76','80','05' = ' ';

1.2 DAY Day of week (Num 1=SUN, 2=MON,..., 7=SAT)

Day of the week of the recall.

1="Sun"
 2="Mon"
 3="Tue"
 4="Wed"
 5="Thu"
 6="Fri"
 7="Sat";

1.3 INTENSE Intensity Cols (Num 1-4)

The recorded intensity of the activity, provided for the moderate to vigorous physical activities.

- 1 = 'Light'
- 2 = 'Moderate'
- 3 = 'Hard'
- 4 = 'Very Hard';

1.4 INT FLAG 1=Non-missing, 0=Expected and missing, 2=Unexpected

A flag which distinguishes whether or not the intensity was coded, depending upon its expectedness. Subjects were instructed to only code intensity for Activities 19-70. Therefore, intensity is 'Unexpected' for activities 1-18. Because the 'light' intensity was assumed when assigning MET level (see 1.6 below) when intensity was missing, this flag is a useful tool to subset only on activities where intensity was indeed recorded by the subject.

1.5 METS MET level

The MET level of each activity, which is determined by a combination of the activity itself and the associated intensity. When intensity was missing, the MET value at a 'light' intensity was assigned.

1.6 MPADATE Date of 3DPAR

This is a 9-digit date that corresponds to the date that the 3DPAR was filled out. The format is DDMONYYYY.

1.7 MVPA3MET Equal to or above TAAG MVPA cutpoint of 4.6 MET (0=No 1=Yes)

A variable that indicates whether the reported activities is ≥ 4.6 MET which is the TAAG cut-point for moderate-vigorous physical activity.

1.8 MVPATAAG Equal to or above TAAG MVPA cutpoint of 4.6 MET (0=No 1=Yes)

A variable that indicates whether the reported activities is ≥ 3 MET.

1.9 REC STAT Record Status: D=Data, M=Permanently Missing

Most records have a value of D. Those records with a value of M indicate that the values for entire day are missing.

1.10 SEDENT Sedentary Activity (Num 0=No 1=Yes)

A variable that indicates whether the reported activity is a sedentary activity. Sedentary is defined as either playing video games/surfing internet, watching TV/movies or talking on the phone.

1.11 SEQNO Sequence Number at the top of the form

Sequence 001 corresponds to the previous day, 002 to two days ago, and 003 to three days previous. The sequence numbers should therefore be in synch with the DAY variable.

1.12 TIME Time Col (Char 1-36)

The 30-minute block of time, ranging from 1 to 36. 1 is from 6:00 am – 6:30 am and 36 is from 11:30 pm to 12:00 midnight. The format (\$TIMEF.) at the end of this document provides further explanation.

'1'='6:00- 6:30 am'
'2'='6:30- 7:00 am'
'3'='7:00- 7:30 am'
'4'='7:30- 8:00 am'
'5'='8:00- 8:30 am'
'6'='8:30- 9:00 am'
'7'='9:00- 9:30 am'
'8'='9:30-10:00 am'
'9'='10:00-10:30 am'
'10'='10:30-11:00 am'
'11'='11:00-11:30 am'
'12'='11:30-12:00 am'
'13'='12:00-12:30 pm'
'14'='12:30- 1:00 pm'
'15'='1:00- 1:30 pm'
'16'='1:30- 2:00 pm'
'17'='2:00- 2:30 pm'
'18'='2:30- 3:00 pm'
'19'='3:00- 3:30 pm'
'20'='3:30- 4:00 pm'
'21'='4:00- 4:30 pm'
'22'='4:30- 5:00 pm'
'23'='5:00- 5:30 pm'
'24'='5:30- 6:00 pm'
'25'='6:00- 6:30 pm'
'26'='6:30- 7:00 pm'
'27'='7:00- 7:30 pm'
'28'='7:30- 8:00 pm'
'29'='8:00- 8:30 pm'
'30'='8:30- 9:00 pm'
'31'='9:00- 9:30 pm'
'32'='9:30-10:00 pm'
'33'='10:00-10:30 pm'
'34'='10:30-11:00 pm'
'35'='11:00-11:30 pm'
'36'='11:30-12:00 pm'

1.13 VPA6MET Equal to or above 6 MET cut point (Num 0=No 1=Yes)

A variable that indicates whether the reported activities is ≥ 6 MET.

1.14 VPATAAG Equal to or above TAAG VPA cut-point of 6.5 MET (Num 0=No 1=Yes)

A variable that indicates whether the reported activities is ≥ 6.5 MET.

1.15 WEEK Weekday/Weekend (Num 1=Wkday 2=Wkend)

A variable that indicates whether the day of recall was a weekday or a weekend day.

1.16 WHERE Where Col (Char 1-5)

A variable that indicates where the moderate to vigorous physical activity took place.

'1' = 'HOME / NEIGHBORHOOD'

'2' = 'SCHOOL (including gym and grounds)'

'3' = 'COMMUNITY FACILITY'

'4' = 'OTHER OUTDOOR PUBLIC AREA'

'5' = 'OTHER'

1.17 WITH With Whom Col (Char 0-3)

A variable that indicates with whom the moderate to vigorous physical activity took place.

'0' = 'BY YOURSELF'

'1' = 'WITH 1 OTHER PERSON'

'2' = 'WITH SEVERAL PEOPLE' /* (but NOT an organized program, class or team)*/

'3' = 'WITH AN ORGANIZED PROGRAM, CLASS or TEAM';

APPENDIX TAAG FORMAT LIBRARY

proc format;

```
value dayf          1="Mon"  
                   2="Tue"  
                   3="Wed"  
                   4="Thu"  
                   5="Fri"  
                   6="Sat"  
                   7="Sun";
```

```
value intensf      1 = 'Light'  
                   2 = 'Moderate'  
                   3 = 'Hard'  
                   4 = 'Very Hard';
```

```
value $timef  
  '1'=' 6:00- 6:30 am'  
  '2'=' 6:30- 7:00 am'  
  '3'=' 7:00- 7:30 am'  
  '4'=' 7:30- 8:00 am'  
  '5'=' 8:00- 8:30 am'  
  '6'=' 8:30- 9:00 am'  
  '7'=' 9:00- 9:30 am'  
  '8'=' 9:30-10:00 am'  
  '9'='10:00-10:30 am'  
  '10'='10:30-11:00 am'  
  '11'='11:00-11:30 am'  
  '12'='11:30-12:00 am'  
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  '14'='12:30- 1:00 pm'  
  '15'=' 1:00- 1:30 pm'  
  '16'=' 1:30- 2:00 pm'  
  '17'=' 2:00- 2:30 pm'  
  '18'=' 2:30- 3:00 pm'  
  '19'=' 3:00- 3:30 pm'  
  '20'=' 3:30- 4:00 pm'  
  '21'=' 4:00- 4:30 pm'  
  '22'=' 4:30- 5:00 pm'  
  '23'=' 5:00- 5:30 pm'  
  '24'=' 5:30- 6:00 pm'  
  '25'=' 6:00- 6:30 pm'  
  '26'=' 6:30- 7:00 pm'  
  '27'=' 7:00- 7:30 pm'  
  '28'=' 7:30- 8:00 pm'  
  '29'=' 8:00- 8:30 pm'  
  '30'=' 8:30- 9:00 pm'  
  '31'=' 9:00- 9:30 pm'  
  '32'=' 9:30-10:00 pm'  
  '33'='10:00-10:30 pm'  
  '34'='10:30-11:00 pm'  
  '35'='11:00-11:30 pm'  
  '36'='11:30-12:00 pm';
```

value **actf**

/*EATING*/

1 = '1. Eating a meal'

2 = '2. Snacking'

/*AFTER SCHOOL/SPARE TIME/HOBBIES*/

3 = '3. Church'

4 = '4. Hanging around'

5 = '5. Homework'

6 = '6. Listening to music'

7 = '7. Music lesson/playing instrument'

8 = '8. Video games/surfing internet'

9 = '9. Reading'

10 = '10. Shopping'

11 = '11. Talking on phone'

12 = '12. Watching TV or movie'

/*SLEEP/BATHING*/

13 = '13. Getting dressed'

14 = '14. Getting ready (hair, make-up)'

15 = '15. Showering/bathing'

16 = '16. Sleeping'

/*SCHOOL*/

17 = '17. Lunch/free time/study hall'

18 = '18. Sitting in class'

19 = '19. Club, student activity'

20 = '20. Marching band/flag line'

21 = '21. P.E. Class'

/*TRANSPORTATION*/

22 = '22. Riding in a car/bus'

23 = '23. Travel by walking'

24 = '24. Travel by bicycling'

/*WORK*/

25 = '25. Working (part-time job, child care)'

26 = '26. Doing house chores'

27 = '27. Yard Work (e.g., mowing, raking)'

/*PHYSICAL ACTIVITIES*/

28 = '28. Aerobics, jazzercise, water aerobics, taebo'

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 45 = '45. Kick boxing'
 46 = '46. Lacrosse'
 47 = '47. Martial arts'
 48 = '48. Playground games'
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 51 = '51. Roller blading, ice skating, roller skating'
 52 = '52. Riding scooters'
 53 = '53. Running / Jogging'
 54 = '54. Skiing (downhill, cross country, or water)'
 55 = '55. Skateboarding'
 56 = '56. Sledding, tobogganing, bobsledding'
 57 = '57. Snowboarding'
 58 = '58. Soccer'
 59 = '59. Softball/baseball'
 60 = '60. Surfing (body or board) / Skimboarding'
 61 = '61. Swimming (laps)'
 62 = '62. Swimming (play, pool games)'
 63 = '63. Tennis, racquetball, badminton, paddleball'
 64 = '64. Trampolining'
 65 = '65. Track & field'
 66 = '66. Volleyball'
 67 = '67. Walking for exercise'
 68 = '68. Weightlifting'
 69 = '69. Wrestling'
 70 = '70. Yoga, stretching'
 71 = '71. Other';

value**\$wheref**

'1' = 'HOME / NEIGHBORHOOD' /* (yours or a friend's)*/
 '2' = 'SCHOOL (including gym and grounds)'
 '3' = 'COMMUNITY FACILITY' /*(for example: Park, Playground, Rec Center, Church, Dance Studio, Field or Gym)*/
 '4' = 'OTHER OUTDOOR PUBLIC AREA' /*(for example: Beach, River, Levee, Ski Area, Camping Area)*/
 '5' = 'OTHER' /* (for example: Mall, Doctor's Office, Movies)*/;

value**\$wwhomf**

'0' = 'BY YOURSELF'
 '1' = 'WITH 1 OTHER PERSON'
 '2' = 'WITH SEVERAL PEOPLE' /* (but NOT an organized program, class or team)*/
 '3' = 'WITH AN ORGANIZED PROGRAM, CLASS or TEAM';

value**weekf**

1 = 'Weekday'
 2 = 'Weekend';

RUN;