

## Coding Manual for Physical Activity Curated Dataset for Gen 2 Cohort

Note:

1. This curated dataset contains physical activity information from Gen 2 cohort participants
2. There are 4631 unique FHS participants within this dataset\*, with a total of 184 variables
3. Variables are generally grouped based on their origins (i.e., primary FHS dataset)
4. The format of the curated dataset is of wide format, with distinct variable names that allow users to tell the difference for repeated measurements of data of similar nature.
5. The corresponding Gen 2 core exams used in this dataset are as follow:

Gen 2 Exam Cycle	Suffix
2	_core2
4	_core4
5	_core5
6	_core6
7	_core7
8	_core8
9	_core9

6. For protocol descriptions and annotated forms of the primary datasets, refer to the respective documents of the individual source datasets.

\* Depending on the source of the datasets, consent restrictions may affect the overall N.

**framid****Variable name:** framid**Description:** Framingham ID assigned to each participant

Code or Value	Description	Count
80000 - 89999	Gen 2 Framingham ID	4631

**Note:** To preserve confidentiality, the exact range for the ID is not reflected in the coding manual.

**idtype****Variable name:** idtype**Description:** Framingham Heart Study cohort identifier

Code or Value	Description	Count
1	Gen 2	4631

**id****Variable name:** id**Description:** Framingham Heart Study participant identifier within a cohort

Code or Value	Description	Count
0 - 9999	Gen 2 Framingham ID type	4631

**Note:** To preserve confidentiality, the exact range for the ID is not reflected in the coding manual.

**sleep\_core2****Variable name:** sleep\_core2**Description:** Hours of sleep per day reported at Exam 2

Code or Value	Description	Count
2 - 13	Number of hours	3859

Code or Value	Description	Count
.	Unknown/Missing	772

**sleep\_core4****Variable name:** sleep\_core4**Description:** Hours of sleep per day reported at Exam 4

Code or Value	Description	Count
2 - 13	Number of hours	3968
.	Unknown/Missing	663

**sleep\_core5****Variable name:** sleep\_core5**Description:** Hours of sleep per day reported at Exam 5

Code or Value	Description	Count
2 - 14	Number of hours	3724
.	Unknown/Missing	907

**sleep\_core7****Variable name:** sleep\_core7**Description:** Hours of sleep per day reported at Exam 7

Code or Value	Description	Count
2 - 16	Number of hours	3265
.	Unknown/Missing	1366

**sleep\_core8**

**Variable name:** sleep\_core8**Description:** Hours of sleep per day reported at Exam 8

Code or Value	Description	Count
1 - 17	Number of hours	2966
.	Unknown/Missing	1665

**sleep\_core9****Variable name:** sleep\_core9**Description:** Hours of sleep per day reported at Exam 9

Code or Value	Description	Count
2 - 18	Number of hours	2345
.	Unknown/Missing	2286

**seden\_core2****Variable name:** seden\_core2**Description:** Hours of sedentary activity per day reported at Exam 2

Code or Value	Description	Count
0 - 20	Number of hours	3859
.	Unknown/Missing	772

**seden\_core4****Variable name:** seden\_core4**Description:** Hours of sedentary activity per day reported at Exam 4

Code or Value	Description	Count
0 - 20	Number of hours	3893

Code or Value	Description	Count
.	Unknown/Missing	738

**seden\_core5****Variable name:** seden\_core5**Description:** Hours of sedentary activity per day reported at Exam 5

Code or Value	Description	Count
1 - 19	Number of hours	3683
.	Unknown/Missing	948

**seden\_core7****Variable name:** seden\_core7**Description:** Hours of sedentary activity per day reported at Exam 7

Code or Value	Description	Count
0 - 18	Number of hours	3213
.	Unknown/Missing	1418

**seden\_core8****Variable name:** seden\_core8**Description:** Hours of sedentary activity per day reported at Exam 8

Code or Value	Description	Count
1 - 23	Number of hours	2952
.	Unknown/Missing	1679

**seden\_core9****Variable name:** seden\_core9**Description:** Hours of sedentary activity per day reported at Exam 9

Code or Value	Description	Count
0 - 19	Number of hours	2330
.	Unknown/Missing	2301

**slightact\_core2****Variable name:** slightact\_core2**Description:** Hours of slight activity per day reported at Exam 2

Code or Value	Description	Count
0 - 18	Number of hours	3859
.	Unknown/Missing	772

**slightact\_core4****Variable name:** slightact\_core4**Description:** Hours of slight activity per day reported at Exam 4

Code or Value	Description	Count
0 - 15	Number of hours	3893
.	Unknown/Missing	738

**slightact\_core5**

**Variable name:** slightact\_core5**Description:** Hours of slight activity per day reported at Exam 5

Code or Value	Description	Count
0 - 16	Number of hours	3684
.	Unknown/Missing	947

**slightact\_core7****Variable name:** slightact\_core7**Description:** Hours of slight activity per day reported at Exam 7

Code or Value	Description	Count
0 - 16	Number of hours	3207
.	Unknown/Missing	1424

**slightact\_core8****Variable name:** slightact\_core8**Description:** Hours of slight activity per day reported at Exam 8

Code or Value	Description	Count
0 - 14	Number of hours	2954
.	Unknown/Missing	1677

**slightact\_core9****Variable name:** slightact\_core9**Description:** Hours of slight activity per day reported at Exam 9

Code or Value	Description	Count
0 - 15	Number of hours	2324

Code or Value	Description	Count
.	Unknown/Missing	2307

**modact\_core2****Variable name:** modact\_core2**Description:** Hours of moderate activity per day reported at Exam 2

Code or Value	Description	Count
0 - 14	Number of hours	3859
.	Unknown/Missing	772

**modact\_core4****Variable name:** modact\_core4**Description:** Hours of moderate activity per day reported at Exam 4

Code or Value	Description	Count
0 - 14	Number of hours	3893
.	Unknown/Missing	738

**modact\_core5****Variable name:** modact\_core5**Description:** Hours of moderate activity per day reported at Exam 5

Code or Value	Description	Count
0 - 13	Number of hours	3684
.	Unknown/Missing	947

**modact\_core7**



**Variable name:** modact\_core7**Description:** Hours of moderate activity per day reported at Exam 7

Code or Value	Description	Count
0 - 14	Number of hours	3200
.	Unknown/Missing	1431

**modact\_core8****Variable name:** modact\_core8**Description:** Hours of moderate activity per day reported at Exam 8

Code or Value	Description	Count
0 - 13	Number of hours	2956
.	Unknown/Missing	1675

**modact\_core9****Variable name:** modact\_core9**Description:** Hours of moderate activity per day reported Exam 9

Code or Value	Description	Count
0 - 15	Number of hours	2318
.	Unknown/Missing	2313

**heavyact\_core2****Variable name:** heavyact\_core2**Description:** Hours of heavy activity per day reported at Exam 2

Code or Value	Description	Count
0 - 9	Number of hours	3859

Code or Value	Description	Count
.	Unknown/Missing	772

**heavyact\_core4****Variable name:** heavyact\_core4**Description:** Hours of heavy activity per day reported at Exam 4

Code or Value	Description	Count
0 - 12	Number of hours	3889
.	Unknown/Missing	742

**heavyact\_core5****Variable name:** heavyact\_core5**Description:** Hours of heavy activity per day reported at Exam 5

Code or Value	Description	Count
0 - 14	Number of hours	3683
.	Unknown/Missing	948

**heavyact\_core7****Variable name:** heavyact\_core7**Description:** Hours of heavy activity per day reported at Exam 7

Code or Value	Description	Count
0 - 12	Number of hours	3090
.	Unknown/Missing	1541

**heavyact\_core8**

**Variable name:** heavyact\_core8

**Description:** Hours of heavy activity per day reported at Exam 8

Code or Value	Description	Count
0 - 10	Number of hours	2957
.	Unknown/Missing	1674

#### heavyact\_core9

**Variable name:** heavyact\_core9

**Description:** Hours of heavy activity per day reported at Exam 9

Code or Value	Description	Count
0 - 11	Number of hours	2308
.	Unknown/Missing	2323

#### pai\_core2

**Variable name:** pai\_core2

**Description:** Physical Activity Index (PAI) at Exam 2

The calculation of  $\text{pai\_core2} = 1 * \text{sleep\_core2} + 1.1 * \text{seden\_core2} + 1.5 * \text{slightact\_core2} + 2.4 * \text{modact\_core2} + 5 * \text{heavyact\_core2}$  (Tan et al., 2016)

- Sleeping (weighting factor [WF] = 1)
- Sedentary activity (WF = 1.1)
- Slight activity (WF = 1.5)
- Moderate activity (WF = 2.4)
- Heavy activities activity (WF = 5)

Code or Value	Description	Count
25.6 - 65.4	PAI value	3859
.	Unknown/Missing	772

#### pai\_core4

**Variable name:** pai\_core4

**Description:** Physical Activity Index (PAI) at Exam 4

The calculation of  $\text{pai\_core4} = 1 * \text{sleep\_core4} + 1.1 * \text{seden\_core4} + 1.5 * \text{slightact\_core4} + 2.4 * \text{modact\_core4} + 5 * \text{heavyact\_core4}$  (Tan et al., 2016)

- Sleeping (weighting factor [WF] = 1)
- Sedentary activity (WF = 1.1)
- Slight activity (WF = 1.5)
- Moderate activity (WF = 2.4)
- Heavy activities activity (WF = 5)

Code or Value	Description	Count
25.6 - 74.5	PAI value	3889
.	Unknown/Missing	742

#### **pai\_core5**

**Variable name:** pai\_core5

**Description:** Physical Activity Index (PAI) at Exam 5

The calculation of  $\text{pai\_core5} = 1 * \text{sleep\_core5} + 1.1 * \text{seden\_core5} + 1.5 * \text{slightact\_core5} + 2.4 * \text{modact\_core5} + 5 * \text{heavyact\_core5}$  (Tan et al., 2016)

- Sleeping (weighting factor [WF] = 1)
- Sedentary activity (WF = 1.1)
- Slight activity (WF = 1.5)
- Moderate activity (WF = 2.4)
- Heavy activities activity (WF = 5)

Code or Value	Description	Count
25.6 - 83.7	PAI value	3683
.	Unknown/Missing	948

#### **pai\_core7**

**Variable name:** pai\_core7

**Description:** Physical Activity Index (PAI) at Exam 7

The calculation of  $\text{pai\_core7} = 1 * \text{sleep\_core7} + 1.1 * \text{seden\_core7} + 1.5 * \text{slightact\_core7} + 2.4 * \text{modact\_core7} + 5 * \text{heavyact\_core7}$  (Tan et al., 2016)

- Sleeping (weighting factor [WF] = 1)

- Sedentary activity (WF = 1.1)
- Slight activity (WF = 1.5)
- Moderate activity (WF = 2.4)
- Heavy activities activity (WF = 5)

Code or Value	Description	Count
25.2 - 73.8	PAI value	3077
.	Unknown	1554

### **pai\_core8**

**Variable name:** pai\_core8

**Description:** Physical Activity Index (PAI) at Exam 8

The calculation of  $\text{pai\_core8} = 1 * \text{sleep\_core8} + 1.1 * \text{seden\_core8} + 1.5 * \text{slightact\_core8} + 2.4 * \text{modact\_core8} + 5 * \text{heavyact\_core8}$  (Tan et al., 2016)

- Sleeping (weighting factor [WF] = 1)
- Sedentary activity (WF = 1.1)
- Slight activity (WF = 1.5)
- Moderate activity (WF = 2.4)
- Heavy activities activity (WF = 5)

Code or Value	Description	Count
24.8 - 70.9	PAI value	2948
.	Unknown/Missing	1683

### **pai\_core9**

**Variable name:** pai\_core9

**Description:** Physical Activity Index (PAI) at Exam 9

The calculation of  $\text{pai\_core9} = 1 * \text{sleep\_core9} + 1.1 * \text{seden\_core9} + 1.5 * \text{slightact\_core9} + 2.4 * \text{modact\_core9} + 5 * \text{heavyact\_core9}$  (Tan et al., 2016)

- Sleeping (weighting factor [WF] = 1)
- Sedentary activity (WF = 1.1)
- Slight activity (WF = 1.5)
- Moderate activity (WF = 2.4)
- Heavy activities activity (WF = 5)

Code or Value	Description	Count
25.1 - 69.1	PAI value	2306
.	Unknown/Missing	2325

**actlevel\_core5****Variable name:** actlevel\_core5**Description:** Participants' activity level compared to the activity level of participants' age as reported at Exam 5

Code or Value	Description	Count
0	Less Active	622
1	Same	1621
2	More Active	1449
.	Unknown	939

**actlevel\_core6****Variable name:** actlevel\_core6**Description:** Participants' activity level compared to the activity level of participants' age as reported at Exam 6

Code or Value	Description	Count
0	Less Active	579
1	Same	1449
2	More Active	1317
.	Unknown	1286

**lastweekact\_core5****Variable name:** lastweekact\_core5

**Description:** Activity level change compared to last week's usual activity level reported at Exam 5

Code or Value	Description	Count
0	Less Active	883
1	Same	2246
2	More Active	585
.	Unknown	917

#### lastweekact\_core6

**Variable name:** lastweekact\_core6

**Description:** Activity level change compared to last week's usual activity level reported at Exam 6

Code or Value	Description	Count
0	Less Active	718
1	Same	2245
2	More Active	427
.	Unknown	1241

#### intenseactweek\_core5

**Variable name:** intenseactweek\_core5

**Description:** Times per week engaged in intense physical activity (e.g., work up a sweat) reported at Exam 5

Code or Value	Description	Count
0 - 72	Number of times per week	3659
.	Unknown	972

**intenseactweek\_core6****Variable name:** intenseactweek\_core6**Description:** Times per week engaged in intense physical activity (e.g., work up a sweat) reported at Exam 6

Code or Value	Description	Count
0 - 21	Number of times per week	3318
.	Unknown	1313

**intenseactweek\_core7****Variable name:** intenseactweek\_core7**Description:** Times per week engaged in intense physical activity (e.g., work up a sweat) reported at Exam 7

Code or Value	Description	Count
0 - 35	Number of times per week	3192
.	Unknown	1439

**aerobic\_core8****Variable name:** aerobic\_core8**Description:** Aerobics during the past year reported at Exam 8

Code or Value	Description	Count
0	No	2727
1	Yes	247
.	Refused or Unknown	1657

**aerobic\_core9****Variable name:** aerobic\_core9



**Description:** Aerobics during the past year reported at Exam 9

Code or Value	Description	Count
0	No	2207
1	Yes	169
.	Refused or Unknown	2255

#### aerobicmon\_core8

**Variable name:** aerobicmon\_core8

**Description:** Number of months per year spent doing aerobics for exercise reported at Exam 8

Code or Value	Description	Count
0 - 12	Number of months per year	2962
.	Unknown	1669

#### aerobicmon\_core9

**Variable name:** aerobicmon\_core9

**Description:** Number of months per year spent doing aerobics for exercise reported at Exam 9

Code or Value	Description	Count
0 - 12	Number of months per year	2375
.	Unknown	2256

#### aerobicfreq\_core8

**Variable name:** aerobicfreq\_core8

**Description:** Number of times doing aerobics for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 14	Number of times in a typical 2-week period	2963
.	Unknown	1668

#### aerobicfreq\_core9

**Variable name:** aerobicfreq\_core9

**Description:** Number of times doing aerobics for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 14	Number of times in a typical 2-week period	2375
.	Unknown	2256

#### aerobictime\_core8

**Variable name:** aerobictime\_core8

**Description:** Total time spent doing aerobics for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 11700	Number of seconds	2930
.	Unknown	1701

#### aerobictime\_core9

**Variable name:** aerobictime\_core9

**Description:** Total time spent doing aerobics for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 7200	Number of seconds	2284
.	Unknown	2347

**bike\_core8****Variable name:** bike\_core8**Description:** Biked during the past year reported at Exam 8

Code or Value	Description	Count
0	No	2539
1	Yes	438
.	Refused or Unknown	1654

**bike\_core9****Variable name:** bike\_core9**Description:** Biked during the past year reported at Exam 9

Code or Value	Description	Count
0	No	1997
1	Yes	378
.	Refused or Unknown	2256

**bikemon\_core8****Variable name:** bikemon\_core8**Description:** Number of months per year spent biking for exercise reported at Exam 8

Code or Value	Description	Count
0 - 12	Number of months per year	2960

Code or Value	Description	Count
.	Unknown	1671

**bikemon\_core9****Variable name:** bikemon\_core9**Description:** Number of months per year spent biking for exercise reported at Exam 9

Code or Value	Description	Count
0 - 12	Number of months per year	2374
.	Unknown	2257

**bikefreq\_core8****Variable name:** bikefreq\_core8**Description:** Number of times biked for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 28	Number of times in a typical 2-week period	2954
.	Unknown	1677

**bikefreq\_core9****Variable name:** bikefreq\_core9**Description:** Number of times biked for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 28	Number of times in a typical 2-week period	2374
.	Unknown	2257

**biketime\_core8****Variable name:** biketime\_core8**Description:** Total time spent biking for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 21600	Number of seconds	2905
.	Unknown	1726

**biketime\_core9****Variable name:** biketime\_core9**Description:** Total time spent biking for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 18000	Number of seconds	2208
.	Unknown	2423

**calisth\_core8****Variable name:** calisth\_core8**Description:** Calisthenics/general exercise during the past year reported at Exam 8

Code or Value	Description	Count
0	No	1888
1	Yes	1036
.	Refused or Unknown	1707

**calisth\_core9****Variable name:** calisth\_core9**Description:** Calisthenics/general exercise during the past year reported at Exam 9

Code or Value	Description	Count
0	No	1638
1	Yes	736
.	Refused or Unknown	2257

**calisthmon\_core8****Variable name:** calisthmon\_core8**Description:** Number of months per year spent doing calisthenics/general exercise for exercise reported at Exam 8

Code or Value	Description	Count
0 - 12	Number of months per year	2917
.	Unknown	1714

**calisthmon\_core9****Variable name:** calisthmon\_core9**Description:** Number of months per year spent doing calisthenics/general exercise for exercise reported at Exam 9

Code or Value	Description	Count
0 - 12	Number of months per year	2370
.	Unknown	2261

**calisthfreq\_core8****Variable name:** calisthfreq\_core8**Description:** Number of times doing calisthenics/general exercise for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 44	Number of times in a typical 2-week period	2921
.	Unknown	1710

**calisthfreq\_core9****Variable name:** calisthfreq\_core9**Description:** Number of times doing calisthenics/general exercise for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 56	Number of times in a typical 2-week period	2372
.	Unknown	2259

**calisthtime\_core8****Variable name:** calisthtime\_core8**Description:** Total time spent doing calisthenics/general exercise for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 18000	Number of seconds	2767
.	Unknown	1864

**calisthtime\_core9****Variable name:** calisthtime\_core9**Description:** Total time spent doing calisthenics/general exercise for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 7200	Number of seconds	1925
.	Unknown	2706

**cycle\_core8****Variable name:** cycle\_core8**Description:** Used exercise bike, ski or stair machine during the past year reported at Exam 8

Code or Value	Description	Count
0	No	2363
1	Yes	569
.	Refused or Unknown	1699

**cycle\_core9****Variable name:** cycle\_core9**Description:** Used exercise bike, ski or stair machine during the past year reported at Exam 9

Code or Value	Description	Count
0	No	1623
1	Yes	754
.	Refused or Unknown	2254



**cyclemon\_core8****Variable name:** cyclemon\_core8**Description:** Number of months per year spent using exercise bike, ski or stair machine for exercise reported at Exam 8

Code or Value	Description	Count
0 - 12	Number of months per year	2927
.	Unknown	1704

**cyclemon\_core9****Variable name:** cyclemon\_core9**Description:** Number of months per year spent using exercise bike, ski or stair machine for exercise reported at Exam 9

Code or Value	Description	Count
0 - 12	Number of months per year	2373
.	Unknown	2258

**cyclefreq\_core8****Variable name:** cyclefreq\_core8**Description:** Number of times spent using exercise bike, ski, or stair machine for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 24	Number of times in a typical 2-week period	2925
.	Unknown	1706

**cyclefreq\_core9****Variable name:** cyclefreq\_core9**Description:** Number of times spent using exercise bike, ski or stair machine for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 28	Number of times in a typical 2-week period	2373
.	Unknown	2258

**cycletime\_core8****Variable name:** cycletime\_core8**Description:** Total time spent using exercise bike, ski or stair machine for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 10800	Number of seconds	2851
.	Unknown	1780

**cycletime\_core9****Variable name:** cycletime\_core9**Description:** Total time spent using exercise bike, ski or stair machine for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 6300	Number of seconds	1888
.	Unknown	2743

**dance\_core8****Variable name:** dance\_core8**Description:** Danced during the past year reported at Exam 8

Code or Value	Description	Count
0	No	2404
1	Yes	522
.	Refused or Unknown	1705

**dance\_core9****Variable name:** dance\_core9**Description:** Danced during the past year reported at Exam 9

Code or Value	Description	Count
0	No	2021
1	Yes	354
.	Refused or Unknown	2256

**dancemon\_core8****Variable name:** dancemon\_core8**Description:** Number of months per year spent dancing for exercise reported at Exam 8

Code or Value	Description	Count
0 - 12	Number of months per year	2911
.	Unknown	1720

**dancemon\_core9****Variable name:** dancemon\_core9**Description:** Number of months per year spent dancing for exercise reported at Exam 9

Code or Value	Description	Count
0 - 12	Number of months per year	2373
.	Unknown	2258

**dancefreq\_core8****Variable name:** dancefreq\_core8**Description:** Number of times danced for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 14	Number of times in a typical 2-week period	2883
.	Unknown	1748

**dancefreq\_core9****Variable name:** dancefreq\_core9**Description:** Number of times danced for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 20	Number of times in a typical 2-week period	2373
.	Unknown	2258

**dancetime\_core8****Variable name:** dancetime\_core8**Description:** Total time spent dancing for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 32940	Number of seconds	2860
.	Unknown	1771

**dancetime\_core9****Variable name:** dancetime\_core9**Description:** Total time spent dancing for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 14400	Number of seconds	2206
.	Unknown	2425

**garden\_core8****Variable name:** garden\_core8**Description:** Gardened during the past year reported at Exam 8

Code or Value	Description	Count
0	No	1433
1	Yes	1495
.	Refused or Unknown	1703

**garden\_core9****Variable name:** garden\_core9**Description:** Gardening during the past year reported at Exam 9

Code or Value	Description	Count
0	No	1101
1	Yes	1275
.	Refused or Unknown	2255

**gardenmon\_core8****Variable name:** gardenmon\_core8**Description:** Number of months per year spent gardening for exercise reported as Exam 8

Code or Value	Description	Count
0 - 12	Number of months per year	2920
.	Unknown	1711

**gardenmon\_core9****Variable name:** gardenmon\_core9**Description:** Number of months per year spent on gardening for exercise reported as Exam 9

Code or Value	Description	Count
0 - 12	Number of months per year	2372
.	Unknown	2259

**gardenfreq\_core8****Variable name:** gardenfreq\_core8**Description:** Number of times gardening for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 28	Number of times in a typical 2-week period	2910
.	Unknown	1721

**gardenfreq\_core9****Variable name:** gardenfreq\_core9**Description:** Number of times gardening for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 14	Number of times in a typical 2-week period	2375
.	Unknown	2256

**gardentime\_core8****Variable name:** gardentime\_core8**Description:** Total time spent gardening for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 57600	Number of seconds	2770
.	Unknown	1861

**gardentime\_core9****Variable name:** gardentime\_core9**Description:** Total time spent gardening for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 36000	Number of seconds	1856
.	Unknown	2775

**golf\_core8****Variable name:** golf\_core8**Description:** Played golf during the past year reported at Exam 8

Code or Value	Description	Count
0	No	2387
1	Yes	543
.	Refused or Unknown	1701

**golf\_core9****Variable name:** golf\_core9**Description:** Played golf during the past year reported at Exam 9

Code or Value	Description	Count
0	No	2125
1	Yes	251
.	Refused or Unknown	2255



**golfmon\_core8****Variable name:** golfmon\_core8**Description:** Number of months per year spent playing golf for exercise reported at Exam 8

Code or Value	Description	Count
0 - 12	Number of months per year	2924
.	Unknown	1707

**golfmon\_core9****Variable name:** golfmon\_core9**Description:** Number of months per year spent playing golf for exercise reported at Exam 9

Code or Value	Description	Count
0 - 12	Number of months per year	2376
.	Unknown	2255

**golffreq\_core8****Variable name:** golffreq\_core8**Description:** Number of times played golf for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 14	Number of times in a typical 2-week period	2919
.	Unknown	1712

**golffreq\_core9****Variable name:** golffreq\_core9**Description:** Number of times played golf for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 14	Number of times in a typical 2-week period	2376
.	Unknown	2255

**golftime\_core8****Variable name:** golftime\_core8**Description:** Total time spent playing golf for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 32400	Number of seconds	2886
.	Unknown	1745

**golftime\_core9****Variable name:** golftime\_core9**Description:** Total time spent playing golf for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 21600	Number of seconds	2314
.	Unknown	2317

**hike\_core8****Variable name:** hike\_core8**Description:** Hiked during the past year reported at Exam 8

Code or Value	Description	Count
0	No	2487
1	Yes	441
.	Refused or Unknown	1703

**hike\_core9****Variable name:** hike\_core9**Description:** Hiked during the past year reported at Exam 9

Code or Value	Description	Count
0	No	2015
1	Yes	361
.	Refused or Unknown	2255

**hikemon\_core8****Variable name:** hikemon\_core8**Description:** Number of months per year spent hiking for exercise reported at Exam 8

Code or Value	Description	Count
0 - 12	Number of months per year	2919
.	Unknown	1712

**hikemon\_core9****Variable name:** hikemon\_core9**Description:** Number of months per year spent hiking for exercise reported at Exam 9

Code or Value	Description	Count
0 - 12	Number of months per year	2371
.	Unknown	2260

**hikefreq\_core8****Variable name:** hikefreq\_core8**Description:** Number of times hiked for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 24	Number of times in a typical 2-week period	2889
.	Unknown	1742

**hikefreq\_core9****Variable name:** hikefreq\_core9**Description:** Number of times hiked for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 14	Number of times in a typical 2-week period	2372
.	Unknown	2259

**hiketime\_core8****Variable name:** hiketime\_core8**Description:** Total time spent hiking for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 64800	Number of seconds	2891
.	Unknown	1740

**hiketime\_core9****Variable name:** hiketime\_core9**Description:** Total time spent hiking for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 36000	Number of seconds	2276
.	Unknown	2355

**household\_core8****Variable name:** household\_core8**Description:** Moderate-to-strenuous household chores during the past year reported at Exam 8

Code or Value	Description	Count
0	No	858
1	Yes	2064
.	Refused or Unknown	1709

**household\_core9**

**Variable name:** household\_core9

**Description:** Moderate-to-strenuous household chores (e.g., vacuuming, scrubbing floors, washing windows, carrying wood) during the past year reported at Exam 9

Code or Value	Description	Count
0	No	524
1	Yes	1852
.	Refused or Unknown	2255

#### householdmon\_core8

**Variable name:** householdmon\_core8

**Description:** Number of months per year spent doing moderate-to-strenuous household chores for exercise reported at Exam 8

Code or Value	Description	Count
0 - 12	Number of months per year	2895
.	Unknown	1736

#### householdmon\_core9

**Variable name:** householdmon\_core9

**Description:** Number of months per year spent doing moderate-to-strenuous household chores (e.g., vacuuming, scrubbing floors, washing windows, carrying wood) for exercise reported at Exam 9

Code or Value	Description	Count
0 - 12	Number of months per year	2372
.	Unknown	2259

#### householdfreq\_core8

**Variable name:** householdfreq\_core8

**Description:** Number of times doing moderate-to-strenuous household chores for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 84	Number of times in a typical 2-week period	2816
.	Unknown	1815

#### householdfreq\_core9

**Variable name:** householdfreq\_core9

**Description:** Number of times doing moderate-to-strenuous household chores (e.g., vacuuming, scrubbing floors, washing windows, carrying wood) for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 56	Number of times in a typical 2-week period	2372
.	Unknown	2259

#### householdtime\_core8

**Variable name:** householdtime\_core8

**Description:** Total time spent doing moderate-to-strenuous household chores in a typical 2-week period for exercise reported at Exam 8

Code or Value	Description	Count
0 - 43200	Number of seconds	2693
.	Unknown	1938

#### householdtime\_core9

**Variable name:** householdtime\_core9

**Description:** Total time spent doing moderate-to-strenuous household chores (e.g., vacuuming, scrubbing floors, washing windows, carrying wood) for exercise in a typical 2-week period for exercise reported at Exam 9

Code or Value	Description	Count
0 - 57600	Number of seconds	1523
.	Unknown	3108

#### jog\_core5

**Variable name:** jog\_core5

**Description:** Jogged or ran regularly as part of your physical activity program reported at Exam 5

Code or Value	Description	Count
0	No	3525
1	Yes	194
.	Unknown	912

#### jog\_core8

**Variable name:** jog\_core8

**Description:** Jogged during the past year reported at Exam 8

Code or Value	Description	Count
0	No	2808
1	Yes	169
.	Refused or Unknown	1654

#### jog\_core9



**Variable name:** jog\_core9

**Description:** Jogged during the past year reported at Exam 9

Code or Value	Description	Count
0	No	2281
1	Yes	95
.	Refused or Unknown	2255

#### jogmile\_core5

**Variable name:** jogmile\_core5

**Description:** Number of miles averaged per session of jogging or running reported at Exam 5

Code or Value	Description	Count
0 - 10	Number of miles	3716
.	Unknown	915

#### jogmon\_core8

**Variable name:** jogmon\_core8

**Description:** Number of months per year spent jogging for exercise reported at Exam 8

Code or Value	Description	Count
0 - 12	Number of months per year	2972
.	Unknown	1659

#### jogmon\_core9

**Variable name:** jogmon\_core9

**Description:** Number of months per year spent jogging for exercise reported at Exam 9

Code or Value	Description	Count
0 - 12	Number of months per year	2376
.	Unknown	2255

#### jogfreq1\_core5

**Variable name:** jogfreq1\_core5

**Description:** Number of times of jogging or running each week reported at Exam 5

Code or Value	Description	Count
0 - 8	Number of times in a typical 2-week period	3715
.	Unknown	916

#### jogfreq2\_core8

**Variable name:** jogfreq2\_core8

**Description:** Number of times jogged for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 14	Number of times in a typical 2-week period	2969
.	Unknown	1662

#### jogfreq2\_core9

**Variable name:** jogfreq2\_core9

**Description:** Number of times jogged for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 28	Number of times per week	2376
.	Unknown	2255

#### jogtime\_core5

**Variable name:** jogtime\_core5

**Description:** Average total time of jogging or running per mile in seconds reported at Exam 5

Code or Value	Description	Count
0 - 1800	Number of seconds	3709
.	Unknown	922

#### jogtime2\_core8

**Variable name:** jogtime2\_core8

**Description:** Total time spent jogging for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 5400	Number of seconds	2941
.	Unknown	1690

#### jogtime2\_core9

**Variable name:** jogtime2\_core9

**Description:** Total time spent jogging for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 7200	Number of seconds	2314
.	Unknown	2317

#### lawn\_core8

**Variable name:** lawn\_core8

**Description:** Mowed the lawn during the past year reported at Exam 8

Code or Value	Description	Count
0	No	1965
1	Yes	965
.	Refused or Unknown	1701

#### lawn\_core9

**Variable name:** lawn\_core9

**Description:** Did lawn work or yard care (e.g., mowing the lawn, leaf or snow removal) during the past year reported at Exam 9

Code or Value	Description	Count
0	No	1121
1	Yes	1254
.	Refused or Unknown	2256

#### lawnmon\_core8

**Variable name:** lawnmon\_core8

**Description:** Number of months per year spent mowing the lawn for exercise reported at Exam 8

Code or Value	Description	Count
0 - 12	Number of months per year	2927
.	Unknown	1704

#### lawnmon\_core9

**Variable name:** lawnmon\_core9

**Description:** Number of months per year spent did lawn work or yard care (e.g., mowing the lawn, leaf or snow removal) reported at Exam 9

Code or Value	Description	Count
0 - 12	Number of months per year	2369
.	Unknown	2262

#### lawnfreq\_core8

**Variable name:** lawnfreq\_core8

**Description:** Number of times mowing the lawn for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 – 10	Number of times in a typical 2-week period	2923
.	Unknown	1708

#### lawnfreq\_core9

**Variable name:** lawnfreq\_core9

**Description:** Number of times did lawn work or yard care (e.g., mowing the lawn, leaf or snow removal) for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 28	Number of times in a typical 2-week period	2368
.	Unknown	2263

#### lawntime\_core8

**Variable name:** lawntime\_core8

**Description:** Total time spent mowing the lawn for exercise in a typical 2-week period in seconds Exam 8

Code or Value	Description	Count
0 - 36000	Number of seconds	2851
.	Unknown	1780

#### lawntime\_core9

**Variable name:** lawntime\_core9

**Description:** Total time spent doing lawn work or yard care (e.g., mowing the lawn, leaf or snow removal) for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 25200	Number of seconds	1956
.	Unknown	2675

#### lightrec\_core9

**Variable name:** lightrec\_core9

**Description:** Light sport or recreational activities (e.g., bowling, golf with a cart, shuffleboard, fishing, ping-pong) during the past year reported at Exam 9

Code or Value	Description	Count
0	No	1797
1	Yes	580
.	Refused or Unknown	2254

#### lightrecmon\_core9

**Variable name:** lightrecmon\_core9

**Description:** Number of months per year spent doing light sport or recreational activities (e.g., bowling, golf with a cart, shuffleboard, fishing, ping-pong) reported at Exam 9

Code or Value	Description	Count
0 - 12	Number of months per year	2375
.	Unknown	2256

#### lightrecfreq\_core9

**Variable name:** lightrecfreq\_core9

**Description:** Number of times doing light sport or recreational activities (e.g., bowling, golf with a cart, shuffleboard, fishing, ping-pong) in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 15	Number of times in a typical 2-week period	2375
.	Unknown	2256

#### lightrectime\_core9

**Variable name:** lightrectime\_core9

**Description:** Total time spent doing light sport or recreational activities (e.g., bowling, golf with a cart, shuffleboard, fishing, ping-pong) for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 43200	Number of seconds	2213
.	Unknown	2418

#### sitfreq\_core9

**Variable name:** sitfreq\_core9

**Description:** Number of times reported participating in sitting activities, such as reading, watching TV, using the computer, or doing handcrafts, over the past 7 days reported at Exam 9

Code or Value	Description	Count
0	Never	1
1	Seldom/ 1-2 days	19
2	Sometimes/ 3-4 days	83
3	Often/ 5-7 days	2239
.	Refused or don't know or unknown	2289

#### sithr\_core9

**Variable name:** sithr\_core9

**Description:** Over the past 7 days, hours per day participant engages in these sitting activities reported at Exam 9

Code or Value	Description	Count
0	Less than 1 hour	11
1	1 hour but less than 2 hours	96



Code or Value	Description	Count
2	2-4 hours	876
3	More than 4 hours	1356
.	Refused or don't know or unknown	2292

#### stairs\_core4

**Variable name:** stairs\_core4

**Description:** Flights of stairs climbed per day reported at Exam 4

Code or Value	Description	Count
0 - 175	Number of flights of stairs (1 flight = 10 Steps)	3902
.	Unknown	729

#### stairs\_core5

**Variable name:** stairs\_core5

**Description:** Flights of stairs climbed per day reported at Exam 5

Code or Value	Description	Count
0 - 200	Number of flights of stairs (1 flight = 10 Steps)	3716
.	Unknown	915

**stairs\_core6****Variable name:** stairs\_core6**Description:** Flights of stairs climbed per day reported at Exam 6

Code or Value	Description	Count
0 - 156	Number of flights of Stairs (1 flight = 10 Steps)	3229
.	Unknown	1402

**stairs\_core7****Variable name:** stairs\_core7**Description:** Flights of stairs climbed per day reported at Exam 7

Code or Value	Description	Count
0 - 200	Number of flights of Stairs (1 flight = 10 Steps)	3137
.	Unknown	1494

**swim\_core8****Variable name:** swim\_core8**Description:** Swam during the past year reported at Exam 8

Code or Value	Description	Count
0	No	2224
1	Yes	753
.	Refused or Unknown	1654

**swim\_core9****Variable name:** swim\_core9**Description:** Swam during the past year reported at Exam 9

Code or Value	Description	Count
0	No	1765
1	Yes	610
.	Refused or Unknown	2256

**swimmon\_core8****Variable name:** swimmon\_core8**Description:** Number of months per year spent swimming for exercise reported at Exam 8

Code or Value	Description	Count
0 - 12	Number of months per year	2961
.	Unknown	1670

**swimmon\_core9****Variable name:** swimmon\_core9**Description:** Number of months per year spent swimming for exercise reported at Exam 9

Code or Value	Description	Count
0 - 12	Number of months per year	2374
.	Unknown	2257

**swimfreq\_core8****Variable name:** swimfreq\_core8**Description:** Number of times swimming for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 28	Number of times in a typical 2-week period	2954
.	Unknown	1677

**swimfreq\_core9****Variable name:** swimfreq\_core9**Description:** Number of times swimming for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 42	Number of times in a typical 2-week period	2375
.	Unknown	2256

**swimtime\_core8****Variable name:** swimtime\_core8**Description:** Total time spent swimming for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 72000	Number of seconds	2825
.	Unknown	1806

**swimtime\_core9****Variable name:** swimtime\_core9**Description:** Total time spent swimming for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 10800	Number of seconds	2010
.	Unknown	2621

**tennis\_core9****Variable name:** tennis\_core9**Description:** Played tennis during the past year reported at Exam 9

Code or Value	Description	Count
0	No	2292
1	Yes	83
.	Refused or Unknown	2256

**tennismon\_core9****Variable name:** tennismon\_core9**Description:** Number of months per year spent playing tennis for exercise reported at Exam 9

Code or Value	Description	Count
0 - 12	Number of months per year	2374
.	Unknown	2257

**tennisfreq\_core9****Variable name:** tennisfreq\_core9**Description:** Number of times played tennis for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 14	Number of times in a typical 2-week period	2374
.	Unknown	2257

**tennistime\_core9****Variable name:** tennistime\_core9**Description:** Total time spent playing tennis for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 14400	Number of seconds	2353
.	Unknown	2278

**walk\_core5****Variable name:** walk\_core5**Description:** Walked regularly as part of your physical activity program as reported at Exam 5

Code or Value	Description	Count
0	No	1987
1	Yes	1737
.	Unknown	907

**walk\_core8****Variable name:** walk\_core8**Description:** Walked for exercise during the past year reported at Exam 8

Code or Value	Description	Count
0	No	752
1	Yes	2225
.	Refused or Unknown	1654

**walk\_core9****Variable name:** walk\_core9**Description:** Walked for exercise during the past year reported at Exam 9

Code or Value	Description	Count
0	No	360
1	Yes	2016
.	Refused or Unknown	2255

**walkmile\_core5****Variable name:** walkmile\_core5**Description:** Number of miles averaged per session for walking reported at Exam 5

Code or Value	Description	Count
0 - 10	Number of miles	3703
.	Unknown	928

**walkblock\_core4****Variable name:** walkblock\_core4**Description:** City blocks walked per day reported at Exam 4

Code or Value	Description	Count
0 - 240	Number of city blocks walked (12 blocks = 1 mile)	3804
.	Unknown	827

**walkblock\_core5****Variable name:** walkblock\_core5**Description:** City blocks walked per day reported at Exam 5

Code or Value	Description	Count
0 - 288	Number of city blocks walked (12 blocks = 1 mile)	3685
.	Unknown	946

**walkblock\_core6****Variable name:** walkblock\_core6**Description:** City blocks walked per day reported at Exam 6

Code or Value	Description	Count
0 - 360	Number of city blocks walked (12 blocks = 1 mile)	2824
.	Unknown	1807



**walkblock\_core7****Variable name:** walkblock\_core7**Description:** City blocks walked per day reported at Exam 7

Code or Value	Description	Count
0 - 150	Number of city blocks walked (12 blocks = 1 mile)	2856
.	Unknown	1775

**walkmon\_core8****Variable name:** walkmon\_core8**Description:** Number of months per year spent walking for exercise reported at Exam 8

Code or Value	Description	Count
0 - 12	Number of months per year	2926
.	Unknown	1705

**walkmon\_core9****Variable name:** walkmon\_core9**Description:** Number of months per year spent walking for exercise reported at Exam 9

Code or Value	Description	Count
0 - 12	Number of months per year	2371
.	Unknown	2260

**walkfreq1\_core5****Variable name:** walkfreq1\_core5**Description:** Number of times of walking each week reported at Exam 5

Code or Value	Description	Count
0 - 26	Number of times per week	3707
.	Unknown	924

**walkfreq2\_core8****Variable name:** walkfreq2\_core8**Description:** Number of times walked for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 70	Number of times in a typical 2-week period	2935
.	Unknown	1696

**walkfreq2\_core9****Variable name:** walkfreq2\_core9**Description:** Number of times walked for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 56	Number of times in a typical 2-week period	2372
.	Unknown	2259

**walktime\_core5****Variable name:** walktime\_core5**Description:** Average total time walking per mile in seconds reported at Exam 5

Code or Value	Description	Count
0 - 2700	Number of seconds	3608
.	Unknown	1023

**walktime2\_core8****Variable name:** walktime2\_core8**Description:** Total time spent walking for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 45000	Number of seconds	2634
.	Unknown	1997

**walktime2\_core9****Variable name:** walktime2\_core9**Description:** Total time spent walking for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 19800	Number of seconds	1206
.	Unknown	3425

**weights\_core8****Variable name:** weights\_core8**Description:** Weight training (e.g., free weights, machines) during the past year reported at Exam 8

Code or Value	Description	Count
0	No	2246
1	Yes	731
.	Refused or Unknown	1654

**weights\_core9****Variable name:** weights\_core9**Description:** Exercises to increase muscle strength or endurance-weight training (e.g., free weights, machines) for exercise during the past year reported at Exam 9

Code or Value	Description	Count
0	No	1684
1	Yes	693
.	Refused or Unknown	2254

**weightsmon\_core8****Variable name:** weightsmon\_core8**Description:** Number of months per year spent doing weight training (e.g., free weights, machines) for exercise reported at Exam 8

Code or Value	Description	Count
0 - 12	Number of months per year	2961
.	Unknown	1670

**weightsmon\_core9****Variable name:** weightsmon\_core9**Description:** Number of months per year spent doing exercises to increase muscle strength or endurance-weight training (e.g., free weights, machines) for exercise reported at Exam 9

Code or Value	Description	Count
0 – 12	Number of months per year	2373
.	Unknown	2258

**weightsfreq\_core8****Variable name:** weightsfreq\_core8**Description:** Number of times doing weight training (e.g., free weights, machines) for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 – 28	Number of times in a typical 2-week period	2966
.	Unknown	1665

**weightsfreq\_core9****Variable name:** weightsfreq\_core9**Description:** Number of times doing exercises to increase muscle strength or endurance-weight training (e.g., free weights, machines) for exercise in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 42	Number of times in a typical 2-week period	2375
.	Unknown	2256

**weightstime\_core8****Variable name:** weightstime\_core8**Description:** Total time spent doing weight training (e.g., free weights, machines) for exercise in a typical 2-week period reported at Exam 8

Code or Value	Description	Count
0 - 72000	Number of seconds	2869
.	Unknown	1762

**weightstime\_core9****Variable name:** weightstime\_core9**Description:** Total time spent doing exercises to increase muscle strength or endurance-weight training (e.g., free weights, machines) in a typical 2-week period reported at Exam 9

Code or Value	Description	Count
0 - 7200	Number of seconds	1947
.	Unknown	2684