

National Health and Nutrition Examination Survey

August 2021-August 2023 Data Documentation, Codebook, and Frequencies

Balance (BAX_L)

Data File: BAX_L.xpt

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Component Description

The ability to maintain balance is essential to nearly all activities associated with daily living. The balance system enables us to sense where we are in space and to maintain our posture and equilibrium while we are still or moving. Impairment of the balance system can be a major disabling condition for those who are affected. The control of balance requires the integration of information from multiple sensory and motor systems by the central nervous system (CNS). Balance receptors in the inner ear (the vestibular system) provide information to the CNS about head and body movements. The eyes (visual system) provide input regarding the body's orientation within the environment and about motion within the environment. The position and motion sensors of the muscles and joints, and the touch receptors of the extremities (proprioceptive system), send signals regarding bodily position, particularly in relation to the support surface. The CNS integrates all this information, determines the body's spatial orientation, and sends appropriate neural messages to the motor system to activate movements that will maintain equilibrium and keep our vision clear when we are moving.

In NHANES August 2021–August 2023, the modified Romberg Test of Standing Balance on Firm and Complaint Support Surfaces (MRT) (Weber, 1993) was included.

Eligible Sample

Participants aged 20 to 69 years were eligible. Participants were excluded if they: 1) had vision so poor that they needed assistance to find their way to the test room; 2) were pregnant; 3) had an amputation of the leg or feet (other than toes); 4) weighed more than 315 pounds, since the foam used to stand on during the test may become too compressed to provide a suitable surface; 5) were unable to stand on their own; 6) had a prosthetic device below the waist; 7) stated that they are unable to do the MRT because of a recent injury or surgery to the legs, ankles, or feet; 8) were experiencing both current symptoms of dizziness, lightheadedness or feeling faint and had fallen in the past 12 months because of problems with dizziness or balance; 9) were wearing shoes with heels 3 inches or more; 10) had a body size either too small or too large (determined when the safety belt was put on) to accommodate proper fitting of the safety belt; or 11) said that they were not okay to begin the balance test and either wished to speak to a physician (physician referral) or did not wish to speak to a physician. In addition, participants were excluded only from Condition 5 of the MRT if they: 1) had neck pain at time of exam; 2) ever had neck surgery; 3) ever had a neck problem that lasted more than 6 weeks; or 4) could not move their head and neck in the range of motion required for the condition.

Protocol and Procedure

The MRT included a maximum of five test conditions of increasing difficulty, and participants were permitted up to two trials for each condition. Because each successive condition was

progressively more difficult than the condition preceding it, the MRT testing ended whenever a subject failed to pass a test condition after two attempted trials. Participants were asked to wear a gait belt with handles (i.e., a device worn to help people with mobility problems) around their waists so the technician could help stabilize them, if needed. While most participants were in MEC-provided slip-resistant socks, if wearing shoes, the participants continued if the heel was less than 3 inches.

In all MRT conditions, the participants were asked to stand with feet together (with allowances made as needed for orthopedic conditions) and arms crossed at the chest. In Condition 1, the participant stood on the bare floor with eyes open. Condition 2 involved standing on the bare floor with eyes closed. Condition 3 involved standing on a dense foam surface with eyes open. Condition 4 involved standing on a dense foam surface with eyes closed. Condition 5 involved standing on a dense foam surface with eyes closed and moving the head slowly side-to-side.

For all conditions, the participant passed the condition if they were able to maintain balance for a requisite period of time. The technician monitored the SP for failure to maintain balance, such as movement of the feet, significant movement of the arms, opening the eyes (for Conditions 2, 4, or 5), or a need for technician intervention due to excessive torso motion (e.g., sway) while attempting to maintain balance. A failure for the condition was documented if the SP failed to maintain balance for the requisite time interval.

The requisite time intervals differed across conditions. The time interval for Conditions 1-2 was 15 seconds; and 15 seconds was considered a passing score. The time interval for Conditions 3-5 was 30 seconds, but 20 seconds was considered a passing score. For Conditions 3-5, participants who passed Trial 1 with a score of 20-29 seconds were offered Trail 2 of the condition. For Conditions 3-5, the time interval was 30 seconds to match previous data collection (NHANES 1999-2004). However, to match current research on falls risk assessment, a “pass” was established if the participant was able to maintain balance for 20 seconds (2019, Cohen).

Did not pass (DNP) was defined as any occurrence of any of the following before 15 seconds for Conditions 1 and 2, or 20 seconds for Conditions 3–5: 1) movement of the participant’s feet from the initial test position (falling, side stepping, hopping, pivoting, etc.); 2) movement of the participant’s arms off of the chest (or waist); 3) participant’s eyes open during an eyes-closed condition (i.e., Conditions 2, 4, and 5); 4) touching the wall; or 5) any intervention by the examiner to stop the participant from falling.

Additional details on the protocol are described in the [NHANES August 2021–August 2023 procedure manuals](#).

Quality Assurance & Quality Control

Technicians were trained in the testing protocols and technicians were periodically observed to verify that standard balance testing procedures were being strictly followed. All data were directly entered by NHANES technicians into ISIS, a computerized database information system. Quality control procedures were performed to check for completeness and data validity and to identify logical inconsistencies. Health technician performance was also monitored using data reviews.

Data Processing and Editing

Prior to data release, NHANES staff reviewed data for completeness and logical inconsistencies and cross-checked with other available data for verification and reviewed free-text comments noted by MEC staff and made edits or corrections as appropriate.

The balance exam status code (BAXMSTAT) was created and indicates the following for each participant:

- 1 = Complete exam (i.e., completed the maximum duration for all eligible conditions or attempted both trials of all eligible conditions).
- 2 = Partial exam (i.e., started the exam but did not complete because of refusal; limited time during exam visit; physical limitation or ill/emergency; equipment failure or error; or other).
- 3 = Not done (i.e., did not start the exam because of refusal; limited time during exam visit; physical limitation or ill/emergency; equipment failure or error; or other).
- 4 = Ineligible for all MRT conditions (see eligibility criteria above).

The BAXMSTAT variable identifies all participants who are ineligible for the balance exam (BAXMSTAT=4). Additionally, some variables for common reasons for ineligibility to the balance exam are included in this file (i.e., BAQ110, BAQ125, BAQ132, BAQ140, BAQ150, BAQ160, BAQ170), but other variables for ineligibility are not separately included on the datafile primarily due to potential disclosure concerns. Although exclusion criteria for Conditions 1-4 applied to Condition 5, there were additional exclusion criteria for Condition 5 and a status code for Condition 5 (BAX5STAT) was created. Reason codes for partial exams (BAXRXNC) and exams not done (BAXRXND) were created from MEC staff comments and included in this data release.

Analytic Notes

NHANES conducted an MRT in 1999-2004, but there are differences between the 1999-2004 and the protocol implemented during 2019-March 2020 and August 2021–August 2023. Differences include the following: targeted age range; exclusion criteria; Conditions 3 and Condition 4 required 30 seconds, rather than 20 seconds to pass in 1999-2004; and Condition 5 was not assessed in 1999-2004. In 1999-2004, the dataset included a failure time for participants who “did not pass” a condition, but in 2019-March 2020 and August 2021–August 2023, the dataset includes duration time for participants who attempted a condition. Thus, if an analyst wanted to compare more directly the 1999-2004 and August 2021–August 2023 data files, they may consider recoding the participants in August 2021–August 2023 who passed Condition 3 or Condition 4 with a duration of 20-29 seconds as “did not pass”. To alert data users to differences between 1999-2004 and August 2021–August 2023, the variables corresponding to “pass”/“did not pass” have a modified naming convention (i.e., BAXPFC11 in 1999-2004 and BAXPF11 in August 2021–August 2023 for Condition 1, Trial 1). Similarly, the variables corresponding to time or duration have a modified naming convention (i.e., BAXFTC11 in 1999-2004 and BAXTC11 in August 2021–August 2023 for Condition 1, Trial 1).

Exam sample weights should be used for analyses. Please refer to the [NHANES Analytic Guidelines](#) and the on-line [NHANES Tutorial](#) for further details on the use of sample weights and other analytic issues.

References

- Cohen HS, Mulavara AP, Stitz J, Sangi-Haghpeykar H, Williams SP, Peters BT, Bloomberg JJ (2019). Screening for vestibular disorders using the modified clinical test of sensory interaction and balance and tandem walking with eyes closed. *Otol Neurotol*, 40, 658-665. DOI: 10.1097/MAO.0000000000002173.
- Weber PC, Cass SP. Clinical assessment of postural stability. *Am J Otol*. 1993;14:566-9.

Codebook and Frequencies

SEQN - Respondent sequence number

Variable Name:	SEQN
SAS Label:	Respondent sequence number
English Text:	Respondent sequence number.
Target:	Both males and females 20 YEARS - 69 YEARS

BAXMSTAT - MRT exam status

Variable Name: BAXMSTAT

SAS Label: MRT exam status

English Text: MRT exam status

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Complete	3732	3732	BAX5STAT
2	Partial	219	3951	BAXRXNC
3	Not done	213	4164	BAXRXND
4	Ineligible for all MRT conditions	607	4771	BAX5STAT
.	Missing	0	4771	

BAXRXNC - Reason for partial MRT exam

Variable Name: BAXRXNC

SAS Label: Reason for partial MRT exam

English Text: Reason for partial MRT exam

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	SP refusal	176	176	BAX5STAT
2	Limited time	1	177	BAX5STAT
3	Physical limitation or SP ill/emergency	5	182	BAX5STAT
4	Equipment failure or error (technician/software/supply)	17	199	BAX5STAT
5	Other	5	204	BAX5STAT
.	Missing	4567	4771	

BAXRXND - Reason for not done MRT exam

Variable Name: BAXRXND

SAS Label: Reason for not done MRT exam

English Text: Reason for not done MRT exam

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	SP refusal	9	9	BAX5STAT
2	Limited time	103	112	BAX5STAT
3	Physical limitation or SP ill/emergency	26	138	BAX5STAT
4	Equipment failure or error (technician/software/supply)	5	143	BAX5STAT
5	Other	70	213	BAX5STAT
.	Missing	4558	4771	

BAX5STAT - Eligibility for Condition 5

Variable Name: BAX5STAT

SAS Label: Eligibility for Condition 5

English Text: Eligibility for Condition 5

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Eligible for Condition 5	3248	3248	
2	Ineligible for Condition 5	1317	4565	
.	Missing	206	4771	

BAQ110 - Can stand on your own?

Variable Name: BAQ110

SAS Label: Can stand on your own?

English Text: Can stand on your own?

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	4305	4305	
2	No	58	4363	
7	Refused	0	4363	
9	Don't know	0	4363	
.	Missing	408	4771	

BAQ121 - Are you currently wearing a leg brace?

Variable Name: BAQ121

SAS Label: Are you currently wearing a leg brace?

English Text: Are you currently wearing a leg brace?

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	25	25	
2	No	4279	4304	
7	Refused	1	4305	
9	Don't know	0	4305	
.	Missing	466	4771	

BAQ125 - Injury to foot, leg, or hip

Variable Name: BAQ125

SAS Label: Injury to foot, leg, or hip

English Text: Injury to foot, leg, or hip

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	253	253	
2	No	4024	4277	
7	Refused	0	4277	
9	Don't know	2	4279	
.	Missing	492	4771	

BAQ132 - Problems with dizzy, past 24 hours

Variable Name: BAQ132

SAS Label: Problems with dizzy, past 24 hours

English Text: Problems with dizzy, past 24 hours

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	200	200	
2	No	3822	4022	
7	Refused	1	4023	
9	Don't know	1	4024	
.	Missing	747	4771	

BAQ140 - Last 12 months, fallen due to dizziness

Variable Name: BAQ140

SAS Label: Last 12 months, fallen due to dizziness

English Text: Last 12 months, fallen due to dizziness

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	261	261	
2	No	3760	4021	
7	Refused	1	4022	
9	Don't know	2	4024	
.	Missing	747	4771	

BAQ150 - Do you have neck pain now?

Variable Name: BAQ150

SAS Label: Do you have neck pain now?

English Text: Do you have neck pain now?

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	354	354	
2	No	3618	3972	
7	Refused	0	3972	
9	Don't know	0	3972	
.	Missing	799	4771	

BAQ160 - Have you ever had surgery on your neck?

Variable Name: BAQ160

SAS Label: Have you ever had surgery on your neck?

English Text: Have you ever had surgery on your neck?

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	103	103	
2	No	3515	3618	
7	Refused	0	3618	
9	Don't know	0	3618	
.	Missing	1153	4771	

BAQ170 - Neck problem lasted more than 6 weeks

Variable Name: BAQ170

SAS Label: Neck problem lasted more than 6 weeks

English Text: Neck problem lasted more than 6 weeks

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	228	228	
2	No	3287	3515	
7	Refused	0	3515	
9	Don't know	0	3515	
.	Missing	1256	4771	

BAQ201 - Can you move head 30 degrees left/right?

Variable Name: BAQ201

SAS Label: Can you move head 30 degrees left/right?

English Text: Can you move head 30 degrees left/right?

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	3259	3259	
2	No	28	3287	
7	Refused	0	3287	
9	Don't know	0	3287	
.	Missing	1484	4771	

BAQ173 - Are you okay to begin this balance test?

Variable Name: BAQ173

SAS Label: Are you okay to begin this balance test?

English Text: Are you okay to begin this balance test?

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	3964	3964	
2	No	4	3968	
7	Refused	0	3968	
9	Don't know	0	3968	
.	Missing	803	4771	

BAXPF11 - MRT cond. 1, trial 1, eyes open

Variable Name: BAXPF11

SAS Label: MRT cond. 1, trial 1, eyes open

English Text: MRT cond. 1, trial 1, eyes open

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Pass	3902	3902	
2	DNP (did not pass)	49	3951	
7	Refused	0	3951	
.	Missing	820	4771	

BAXTC11 - MRT cond. 1, trial 1, time

Variable Name: BAXTC11

SAS Label: MRT cond. 1, trial 1, time

English Text: MRT cond. 1, trial 1, time

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0 to 15	Range of Values	3950	3950	
.	Missing	821	4771	

BAARFC11 - MRT cond. 1, trial 1, reason stopped

Variable Name: BAARFC11

SAS Label: MRT cond. 1, trial 1, reason stopped

English Text: MRT cond. 1, trial 1, reason stopped

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Feet moved	14	14	
2	Arms moved off waist	4	18	
3	Eyes opened	0	18	
4	Tech intervention	28	46	
5	Grab/touch wall	3	49	
.	Missing	4722	4771	

BAXPF12 - MRT cond. 1, trial 2, eyes open

Variable Name: BAXPF12

SAS Label: MRT cond. 1, trial 2, eyes open

English Text: MRT cond. 1, trial 2, eyes open

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Pass	43	43	
2	DNP (did not pass)	5	48	
7	Refused	0	48	
.	Missing	4723	4771	

BAXTC12 - MRT cond. 1, trial 2, time

Variable Name: BAXTC12

SAS Label: MRT cond. 1, trial 2, time

English Text: MRT cond. 1, trial 2, time

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
2 to 15	Range of Values	48	48	
.	Missing	4723	4771	

BAARFC12 - MRT cond. 1, trial 2, reason stopped

Variable Name: BAARFC12

SAS Label: MRT cond. 1, trial 2, reason stopped

English Text: MRT cond. 1, trial 2, reason stopped

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Feet moved	1	1	
2	Arms moved off waist	1	2	
3	Eyes opened	0	2	
4	Tech intervention	2	4	
5	Grab/touch wall	1	5	
.	Missing	4766	4771	

BAXPF21 - MRT cond. 2, trial 1, eyes closed

Variable Name: BAXPF21

SAS Label: MRT cond. 2, trial 1, eyes closed

English Text: MRT cond. 2, trial 1, eyes closed

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Pass	3846	3846	
2	DNP (did not pass)	96	3942	
7	Refused	1	3943	
.	Missing	828	4771	

BAXTC21 - MRT cond. 2, trial 1, time

Variable Name: BAXTC21

SAS Label: MRT cond. 2, trial 1, time

English Text: MRT cond. 2, trial 1, time

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0 to 15	Range of Values	3942	3942	
.	Missing	829	4771	

BAARFC21 - MRT cond. 2, trial 1, reason stopped

Variable Name: BAARFC21

SAS Label: MRT cond. 2, trial 1, reason stopped

English Text: MRT cond. 2, trial 1, reason stopped

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Feet moved	29	29	
2	Arms moved off waist	4	33	
3	Eyes opened	42	75	
4	Tech intervention	9	84	
5	Grab/touch wall	10	94	
.	Missing	4677	4771	

BAXPF22 - MRT cond. 2, trial 2, eyes closed

Variable Name: BAXPF22

SAS Label: MRT cond. 2, trial 2, eyes closed

English Text: MRT cond. 2, trial 2, eyes closed

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Pass	69	69	
2	DNP (did not pass)	26	95	
7	Refused	2	97	
.	Missing	4674	4771	

BAXTC22 - MRT cond. 2, trial 2, time

Variable Name: BAXTC22

SAS Label: MRT cond. 2, trial 2, time

English Text: MRT cond. 2, trial 2, time

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0 to 15	Range of Values	94	94	
.	Missing	4677	4771	

BAARFC22 - MRT cond. 2, trial 2, reason stopped

Variable Name: BAARFC22

SAS Label: MRT cond. 2, trial 2, reason stopped

English Text: MRT cond. 2, trial 2, reason stopped

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Feet moved	11	11	
2	Arms moved off waist	3	14	
3	Eyes opened	7	21	
4	Tech intervention	1	22	
5	Grab/touch wall	4	26	
.	Missing	4745	4771	

BAXPF31 - MRT cond. 3, trial 1, eyes open

Variable Name: BAXPF31

SAS Label: MRT cond. 3, trial 1, eyes open

English Text: MRT cond. 3, trial 1, eyes open

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Pass	3820	3820	
2	DNP (did not pass)	66	3886	
7	Refused	11	3897	
.	Missing	874	4771	

BAXTC31 - MRT cond. 3, trial 1, time

Variable Name: BAXTC31

SAS Label: MRT cond. 3, trial 1, time

English Text: MRT cond. 3, trial 1, time

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1 to 30	Range of Values	3882	3882	
.	Missing	889	4771	

BAARFC31 - MRT cond. 3, trial 1, reason stopped

Variable Name: BAARFC31

SAS Label: MRT cond. 3, trial 1, reason stopped

English Text: MRT cond. 3, trial 1, reason stopped

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Feet moved	24	24	
2	Arms moved off waist	13	37	
3	Eyes opened	0	37	
4	Tech intervention	21	58	
5	Grab/touch wall	22	80	
.	Missing	4691	4771	

BAXPF32 - MRT cond. 3, trial 2, eyes open

Variable Name: BAXPF32

SAS Label: MRT cond. 3, trial 2, eyes open

English Text: MRT cond. 3, trial 2, eyes open

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Pass	63	63	
2	DNP (did not pass)	16	79	
7	Refused	1	80	
.	Missing	4691	4771	

BAXTC32 - MRT cond. 3, trial 2, time

Variable Name: BAXTC32

SAS Label: MRT cond. 3, trial 2, time

English Text: MRT cond. 3, trial 2, time

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1 to 30	Range of Values	79	79	
.	Missing	4692	4771	

BAARFC32 - MRT cond. 3, trial 2, reason stopped

Variable Name: BAARFC32

SAS Label: MRT cond. 3, trial 2, reason stopped

English Text: MRT cond. 3, trial 2, reason stopped

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Feet moved	8	8	
2	Arms moved off waist	1	9	
3	Eyes opened	0	9	
4	Tech intervention	3	12	
5	Grab/touch wall	8	20	
.	Missing	4751	4771	

BAXPF41 - MRT cond. 4, trial 1, eyes closed

Variable Name: BAXPF41

SAS Label: MRT cond. 4, trial 1, eyes closed

English Text: MRT cond. 4, trial 1, eyes closed

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Pass	2591	2591	
2	DNP (did not pass)	1260	3851	
7	Refused	12	3863	
.	Missing	908	4771	

BAXTC41 - MRT cond. 4, trial 1, time

Variable Name: BAXTC41

SAS Label: MRT cond. 4, trial 1, time

English Text: MRT cond. 4, trial 1, time

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0 to 30	Range of Values	3850	3850	
.	Missing	921	4771	

BAARFC41 - MRT cond. 4, trial 1, reason stopped

Variable Name: BAARFC41

SAS Label: MRT cond. 4, trial 1, reason stopped

English Text: MRT cond. 4, trial 1, reason stopped

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Feet moved	366	366	
2	Arms moved off waist	103	469	
3	Eyes opened	372	841	
4	Tech intervention	143	984	
5	Grab/touch wall	406	1390	
.	Missing	3381	4771	

BAXPF42 - MRT cond. 4, trial 2, eyes closed

Variable Name: BAXPF42

SAS Label: MRT cond. 4, trial 2, eyes closed

English Text: MRT cond. 4, trial 2, eyes closed

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Pass	690	690	
2	DNP (did not pass)	631	1321	
7	Refused	65	1386	
.	Missing	3385	4771	

BAXTC42 - MRT cond. 4, trial 2, time

Variable Name: BAXTC42

SAS Label: MRT cond. 4, trial 2, time

English Text: MRT cond. 4, trial 2, time

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0 to 30	Range of Values	1319	1319	
.	Missing	3452	4771	

BAARFC42 - MRT cond. 4, trial 2, reason stopped

Variable Name: BAARFC42

SAS Label: MRT cond. 4, trial 2, reason stopped

English Text: MRT cond. 4, trial 2, reason stopped

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Feet moved	174	174	
2	Arms moved off waist	55	229	
3	Eyes opened	142	371	
4	Tech intervention	88	459	
5	Grab/touch wall	245	704	
.	Missing	4067	4771	

BAXPF51 - MRT cond. 5, trial 1, eyes closed

Variable Name: BAXPF51

SAS Label: MRT cond. 5, trial 1, eyes closed

English Text: MRT cond. 5, trial 1, eyes closed

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Pass	1501	1501	
2	DNP (did not pass)	1119	2620	
7	Refused	15	2635	
.	Missing	2136	4771	

BAXTC51 - MRT cond. 5, trial 1, time

Variable Name: BAXTC51

SAS Label: MRT cond. 5, trial 1, time

English Text: MRT cond. 5, trial 1, time

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0 to 30	Range of Values	2595	2595	
.	Missing	2176	4771	

BAARFC51 - MRT cond. 5, trial 1, reason stopped

Variable Name: BAARFC51

SAS Label: MRT cond. 5, trial 1, reason stopped

English Text: MRT cond. 5, trial 1, reason stopped

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Feet moved	444	444	
2	Arms moved off waist	106	550	
3	Eyes opened	184	734	
4	Tech intervention	151	885	
5	Grab/touch wall	402	1287	
.	Missing	3484	4771	

BAXPF52 - MRT cond. 5, trial 2, eyes closed

Variable Name: BAXPF52

SAS Label: MRT cond. 5, trial 2, eyes closed

English Text: MRT cond. 5, trial 2, eyes closed

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Pass	541	541	
2	DNP (did not pass)	683	1224	
7	Refused	24	1248	
.	Missing	3523	4771	

BAXTC52 - MRT cond. 5, trial 2, time

Variable Name: BAXTC52

SAS Label: MRT cond. 5, trial 2, time

English Text: MRT cond. 5, trial 2, time

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0 to 30	Range of Values	1223	1223	
.	Missing	3548	4771	

BAARFC52 - MRT cond. 5, trial 2, reason stopped

Variable Name: BAARFC52

SAS Label: MRT cond. 5, trial 2, reason stopped

English Text: MRT cond. 5, trial 2, reason stopped

Target: Both males and females 20 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Feet moved	256	256	
2	Arms moved off waist	55	311	
3	Eyes opened	92	403	
4	Tech intervention	125	528	
5	Grab/touch wall	262	790	
.	Missing	3981	4771	

