



WHI Long Life Study Visits

File Name
f301_whills_inv.dat

Data as of Aug 29, 2014	Population WHI-LLS	Data Collected WHI-LLS	1 row per Participant	Rows 7,875	File Created Oct 8, 2014
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ID	WHI Participant Common ID	Col#1
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PPTDRW	Participant Draw Number	Col#2
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ID and PPTDRW identify a specimen draw.

N	Missing
7,475	400

Usage Notes:

Use ID and PPTDRW to merge with the specimen draws file (spec_draws) or the specimen results file (spec_results).

F301DY	F301 Days since randomization or enrollment	Col#3
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N	Missing	Min	Max	Mean	Std Dev
7,875	0	4864	6979	5,774.862	413.366

F301VTYP	Visit Type	Col#4
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Value	Description	N	%
4	Non-Routine visit	7,875	100.0

F301VY	Visit Year	Col#5
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Visit year for which this form was collected.

N	Missing	Min	Max	Mean	Std Dev
7,875	0	14	19	16.058	1.177

F301CONT	Contact type	Col#6
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The method used to collect the data.

Value	Description	N	%
1	Phone	1	0.0
2	Mail	1	0.0
3	Visit	7,873	100.0

EXAMDY	Exam days since randomization	Col#7
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Days since randomization or enrollment to exam date.

N	Missing	Min	Max	Mean	Std Dev
7,875	0	4860	6977	5,769.268	413.942

EXAMTIME	Exam time	Col#8
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Time the exam was performed in 12 hour time. Format HH12MI. Combine with EXAMAMP to get time of day.

N	Missing
7,796	79

EXAMAMP	Exam time am/pm	Col#9
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Value	Description	N	%
1	AM	7,319	92.9
2	PM	505	6.4
	Missing	51	0.6



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EXAMTIME24	Exam Time 24	Col#10
	Computed variable: Time the exam was performed in 24 hour time. Format HH24:MI.	
	N	Missing
	7,796	79

EXAMLOC	Exam location	Col#11
	Value	Description
	4	Participant's Home
	8	Other Location
		Missing
	N	%
	7,703	97.8
	148	1.9
	24	0.3

EXAMINIT	Exam Initiated?	Col#12
	Value	Description
	0	No
	1	Yes
	N	%
	6	0.1
	7,869	99.9

NOEXAM	No exam reason	Col#13
	Value	Description
	1	Participant declined
	2	Participant confused
	3	Examiner not granted access to resident
	4	Participant's residence is a skilled nursing facility
	5	Not safe for RA to enter residence
	8	Other
		Missing
	N	%
	2	0.0
	0	0.0
	1	0.0
	0	0.0
	1	0.0
	2	0.0
	7,869	99.9

PULSE30	Resting pulse in 30 seconds	Col#14
	N	Missing
	7,827	48
	Min	Max
	20	132
	Mean	Std Dev
	34.112	5.425

SYSTBP1	Systolic blood pressure (1st reading)	Col#15
	N	Missing
	7,863	12
	Min	Max
	80	204
	Mean	Std Dev
	126.412	15.101

DIASBP1	Diastolic blood pressure (1st reading)	Col#16
	N	Missing
	7,849	26
	Min	Max
	40	120
	Mean	Std Dev
	72.874	9.296

SYSTBP2	Systolic blood pressure (2nd reading)	Col#17
	N	Missing
	7,731	144
	Min	Max
	80	211
	Mean	Std Dev
	125.354	14.657

DIASBP2	Diastolic blood pressure (2nd reading)	Col#18
	N	Missing
	7,737	138
	Min	Max
	40	120
	Mean	Std Dev
	72.296	9.043



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DRAWSUCCESS

Specimen draw success flag

Col#19

Flag indicating that the specimen collection in the exam was successful.

Value	Description	N	%
0	No	394	5.0
1	Yes	7,475	94.9
	Missing	6	0.1

Usage Notes:
Set to missing if EXAMINIT = 0

FASTHRS

Fasting hours

Col#20

Number of hours since had anything to eat or drink besides water before specimen draw.

N	Missing	Min	Max	Mean	Std Dev
7,792	83	0	30	10.931	4.721

DIABMEDS

Diabetes meds taken

Col#21

Insulin or other diabetes medication taken the morning before the blood draw.

Value	Description	N	%
0	No	7,093	90.1
1	Yes	715	9.1
	Missing	67	0.9

DRAWTRIES

Specimen draw attempts

Col#22

Value	Description	N	%
0	0	161	2.0
1	1	6,597	83.8
2	2	1,023	13.0
	Missing	94	1.2

NODRAW

No draw reason

Col#23

Value	Description	N	%
1	Participant declined	64	0.8
2	Participant too apprehensive	3	0.0
3	Found no acceptable veins for a draw attempt	41	0.5
8	Other	40	0.5
	Missing	7,727	98.1

Usage Notes:
Sub-question of F301 V1 Q9 "Specimen draw attempts" (skip pattern rule not applied).

DRAWTIME

Time of final draw

Col#24

Time of final draw attempt in 12 hour time: Format HH12MI. Combine with DRAWAMPM to get time of day.

N	Missing
7,705	170



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DRAWAMPM Time of final draw am/pm **Col#25**

Value	Description	N	%
1	AM	7,181	91.2
2	PM	533	6.8
	Missing	161	2.0

DRAWTIME24 Time of final draw 24 **Col#26**

Computed variable: Time of final draw attempt in 24 hour time. Format HH24:MI.

N	Missing
7,705	170

NEEDLEGAUGE Specimen draw needle gauge **Col#27**

Value	Description	N	%
1	21 gauge	5,403	68.6
2	23 gauge	2,116	26.9
	Missing	356	4.5

DRAWQUAL Draw quality **Col#28**

Value	Description	N	%
1	Routine	6,255	79.4
2	Somewhat difficult	697	8.9
3	Very difficult	288	3.7
4	Draw unsuccessful	394	5.0
	Missing	241	3.1

HEIGHT Height, in **Col#29**

N	Missing	Min	Max	Mean	Std Dev
7,792	83	46	85	62.810	2.873

WEIGHT Weight, lb **Col#30**

N	Missing	Min	Max	Mean	Std Dev
7,828	47	67	405	158.578	35.126

WAIST Waist circumference, in **Col#31**

N	Missing	Min	Max	Mean	Std Dev
7,819	56	20	74	35.591	5.481

GRIPCOMP Grip strength: completion **Col#32**

Value	Description	N	%
1	Test completed on one or both	7,296	92.6
2	Attempted, unable to complete on either side	35	0.4
8	Refused	15	0.2
9	Not attempted for safety or health reasons	171	2.2
10	Not attempted because dynamometer not available	226	2.9
	Missing	132	1.7

GRIPDOM Grip strength: Dominant hand **Col#33**



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Value	Description	N	%
1	Right	6,763	85.9
2	Left	627	8.0
3	Don't know	75	1.0
	Missing	410	5.2

RGRIPSTR1 Right grip strength measurement 1 (kg) **Col#34**

Right hand grip strength: Measurement #1 (kg).

N	Missing	Min	Max	Mean	Std Dev
7,341	534	0	60	17.710	7.090

RGRIPSTR2 Right grip strength measurement 2 (kg) **Col#35**

Right hand grip strength: Measurement #2 (kg).

N	Missing	Min	Max	Mean	Std Dev
7,210	665	0	62	17.774	7.238

LGRIPSTR1 Left grip strength measurement 1 (kg) **Col#36**

Left hand grip strength: Measurement #1 (kg).

N	Missing	Min	Max	Mean	Std Dev
7,240	635	0	62	16.159	6.974

LGRIPSTR2 Left grip strength measurement 2 (kg) **Col#37**

Left hand grip strength: Measurement #2 (kg).

N	Missing	Min	Max	Mean	Std Dev
7,099	776	0	60	16.153	6.943

SBSCOMP Side by side: completion **Col#38**

Side-by-side balance test completed.

Value	Description	N	%
0	No	184	2.3
1	Yes	7,564	96.1
	Missing	127	1.6

SBSTIME Side by side: time **Col#39**

Side-by-side balance test time (seconds).

N	Missing	Min	Max	Mean	Std Dev
7,521	354	0.1	10	9.948	0.560

Usage Notes:

Test designed as a screen for all following balance tests. Maximum possible time set to 10 seconds.

Sub-question of F301 V1 Q17.1 "Side by side: completion" (skip pattern rule not applied).



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SEMITDMCOMP Semi tandem: completion **Col#40**

Semi-tandem balance test completed.

Value	Description	N	%
0	No	512	6.5
1	Yes	7,090	90.0
	Missing	273	3.5

Usage Notes:
Test designed to be completed only if SBSTIME >= 10.0 seconds.

SEMITDMTIME Semi tandem: time **Col#41**

Semi-tandem balance test time (seconds).

N	Missing	Min	Max	Mean	Std Dev
7,175	700	0.1	30	28.197	5.776

Usage Notes:
Test designed to be completed only if SBSTIME >= 10.0 seconds. Maximum possible time set to 30 seconds.

Sub-question of F301 V1 Q17.2 "Semi tandem: completion" (skip pattern rule not applied).

TDMCOMP Tandem stand: completion **Col#42**

Tandem stand balance test completed.

Value	Description	N	%
0	No	1,399	17.8
1	Yes	5,881	74.7
	Missing	595	7.6

Usage Notes:
Test designed to be completed only if SEMITDMTIME >= 30.0 seconds.

TDMTIME1 Tandem stand: time 1 **Col#43**

Tandem stand balance test time #1 (seconds).

N	Missing	Min	Max	Mean	Std Dev
6,125	1,750	0.1	30	24.390	9.324

Usage Notes:
Test designed to be completed only if SEMITDMTIME >= 30.0 seconds. Maximum possible time set to 30 seconds.

Sub-question of F301 V1 Q17.3 "Tandem stand: completion" (skip pattern rule not applied).

TDMTIME2 Tandem stand: time 2 **Col#44**

Tandem stand balance test time #2 (seconds).

N	Missing	Min	Max	Mean	Std Dev
2,094	5,781	0.1	30	20.277	10.727

Usage Notes:
Second try allowed if TDMTIME1 < 30.0 seconds. Maximum possible time set to 30 seconds.

Sub-question of F301 V1 Q17.3 "Tandem stand: completion" (skip pattern rule not applied).

ONELEGCOMP One leg: completion **Col#45**

One leg balance test completion.



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Value	Description	N	%
0	No	2,742	34.8
1	Yes	3,920	49.8
	Missing	1,213	15.4

Usage Notes:
Test designed to be completed only if one of the TDMTIMEs >= 30.0 seconds.

ONELEGTIME1 One leg: time 1 **Col#46**

One leg balance test time #1 (seconds).

N	Missing	Min	Max	Mean	Std Dev
4,329	3,546	0.1	30	16.784	10.901

Usage Notes:
Test designed to be completed only if one of the TDMTIMEs >= 30.0 seconds. Maximum possible time set to 30 seconds.

Sub-question of F301 V1 Q17.4 "One leg: completion" (skip pattern rule not applied).

ONELEGTIME2 One leg: time 2 **Col#47**

One leg balance test time #2 (seconds).

N	Missing	Min	Max	Mean	Std Dev
2,510	5,365	0.2	30	13.225	9.787

Usage Notes:
Second try allowed if ONELEGTIME1 < 30.0 seconds. Maximum possible time set to 30 seconds.

Sub-question of F301 V1 Q17.4 "One leg: completion" (skip pattern rule not applied).

NOBLNCRSN No balance test reason **Col#48**

Value	Description	N	%
1	Refused	152	1.9
2	Not safe	951	12.1
3	Tried, but unable	2,031	25.8
4	Participant confined to wheelchair	31	0.4
	Missing	4,710	59.8

Usage Notes:
Item associated with the first balance test not attempted or completed

BLNCMETH Balance test timing method **Col#49**

Value	Description	N	%
1	Stop watch	7,094	90.1
8	Other	429	5.4
	Missing	352	4.5

COURSLEN Course length **Col#50**

Course length for timed walk.

Value	Description	N	%
1	4 meters	5,801	73.7
2	3 meters	1,541	19.6
	Missing	533	6.8

COURSMEAS Course measurement **Col#51**



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Course measurement method for timed walk.

Value	Description	N	%
1	WHI provided method	6,483	82.3
8	Other	240	3.0
	Missing	1,152	14.6

FLRTYP

Floor type

Col#52

Floor type for timed walk.

Value	Description	N	%
1	Bare floors	4,371	55.5
2	Carpet	2,932	37.2
3	Mixed (Do not perform test)	184	2.3
	Missing	388	4.9

TMDWALKCOMP

Timed walk: completion

Col#53

Value	Description	N	%
1	Test completed	7,086	90.0
2	Attempted, unable to complete	20	0.3
8	Refused	21	0.3
9	Not attempted for safety or health reasons	126	1.6
10	Not attempted because insufficient space available	137	1.7
11	Not attempted because woman does not walk	27	0.3
	Missing	458	5.8

TMDWALKTIME1

Timed walk: time 1

Col#54

Timed walk test time #1 (seconds).

N	Missing	Min	Max	Mean	Std Dev
7,368	507	2	110	7.908	5.904

Usage Notes:

Sub-question of F301 V1 Q18.4 "Timed walk: completion" (skip pattern rule not applied for missing values).

TMDWALKTIME2

Timed walk: time 2

Col#55

Timed walk test time #2 (seconds).

N	Missing	Min	Max	Mean	Std Dev
7,000	875	2	113.7	7.295	5.794

Usage Notes:

Sub-question of F301 V1 Q18.4 "Timed walk: completion" (skip pattern rule not applied for missing values).



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TWALERTFLG

Timed walk alert flag

Col#56

Flag indicating the Timed Walk tests were performed outside of the protocol. Rather than timing one length of the course (out), and then timing another length (back), the time reported is for the round trip (i.e., out and back).

Value	Description	N	%
0	No	7,788	98.9
1	Yes	81	1.0
	Missing	6	0.1

Usage Notes:

Use caution with the TMDWALKTIME1 and TMDWALKTIME2 variables when this flag = 1.

Set to missing if EXAMINIT = 0.

ASSTDVC

Assistive device used

Col#57

Assistive device used for timed walk.

Value	Description	N	%
0	No	6,769	86.0
1	Yes	419	5.3
	Missing	687	8.7

Usage Notes:

Usage Notes: Sub-question of F301 V1 Q18.4 "Timed walk: completion" (skip pattern rule not applied for missing values).

CHAIRTYP

Chair type

Col#58

Chair type for chair stand.

Value	Description	N	%
1	Per protocol	6,908	87.7
2	Not per protocol, but acceptable	570	7.2
3	Not per protocol	114	1.4
	Missing	283	3.6

SNGCHRSTNDCOMP Single chair stand: completion

Col#59

Value	Description	N	%
1	Test completed	7,091	90.0
2	Participant tried, but unable to complete	238	3.0
8	Refused	46	0.6
9	Not attempted for safety or health reasons	313	4.0
	Missing	187	2.4

RPTCHRSTNDCOMP Repeated chair stand: completion

Col#60

Value	Description	N	%
1	Test completed	6,803	86.4
2	Participant tried, but unable to complete	216	2.7
8	Refused	75	1.0
9	Not attempted for safety or health reasons	493	6.3
	Missing	288	3.7



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RPTCHRTIME Repeated chair stand: time **Col#61**

Repeated chair stand: time it took to rise out of a chair 5 times in succession (seconds).

N	Missing	Min	Max	Mean	Std Dev
6,871	1,004	4.02	60	15.838	6.630

Usage Notes:
Maximum possible time set to 60 seconds.

Usage Notes: Sub-question of F301 V1 Q19.3 "Repeated chair stand: completion" (skip pattern rule not applied for missing values).

BMI Body-mass Index (BMI), kg/m2 **Col#62**

If a participant's BMI is greater than 70, BMI is missing.

N	Missing	Min	Max	Mean	Std Dev
7,775	100	11.61983	64.92326	28.239	5.894

BMIC Body-mass Index (BMI), kg/m2 **Col#63**

Computed from Form 301, height and weight. Reference: Expert Panel on the identification, evaluation, and treatment on overweight in adults (1998). Categorization of BMI into six groups. If a participant's BMI is greater than 70, BMIC is missing.

Value	Description	N	%
1	Underweight (< 18.5)	112	1.4
2	Normal (18.5 - 24.9)	2,378	30.2
3	Overweight (25.0 - 29.9)	2,799	35.5
4	Obesity I (30.0 - 34.9)	1,505	19.1
5	Obesity II (35.0 - 39.9)	633	8.0
6	Extreme Obesity III (>= 40)	348	4.4
	Missing	100	1.3

LASPPB Look AHEAD short physical performance battery score **Col#64**

A continuous score (0-3) calculated as the sum of balance, chair stand, and gait speed ratios. See data prep document for details.

N	Missing	Min	Max	Mean	Std Dev
7,022	853	0	2.91	1.314	0.475

Usage Notes:
Variable is set to blank if TWALERTFLG = 1.

EPESEPPB EPESE short physical performance battery score **Col#65**

A continuous score (0-12) calculated as the sum of balance, chair stand, and gait speed scores. See data prep document for details.

N	Missing	Min	Max	Mean	Std Dev
7,102	773	0	12	7.939	2.702

Usage Notes:
Variable is set to blank if TWALERTFLG = 1.