

**Cohort, Exam 1****Ankle Brachial Index Data**

Ankle blood pressure measurements.

ANKSBP13		Redefined Supine Ankle SBP (see definition below)
N	Value	Description
15223	Range	46 - 245 ( median=145 mean=145.9 std=25.4 )
569		Missing

ARMSBP13		Redefined Supine Brachial SBP (see definition below)
N	Value	Description
15231	Range	64 - 244 ( median=128 mean=129.9 std=21.7 )
561		Missing

ID		ARIC Subject ID (Cir)
N	Value	Description
15792	Present	Text suppressed

UBMDA01		Artery Site Code: Popliteal (see definition below)
N	Value	Description
7087	001	Left
7188	017	Right
1517		Missing

ABI04		Ankle-Brachial Index, V1 (Definition 4)
N	Value	Description
15207	Range	0.3650793651 - 1.8043478261 ( median=1.1324503311 mean=1.13014523966 std=0.13928756314 )
585		Missing

If ANKSBP13 or ARMSBP13 are '.' (missing), then ABI04= '.' (missing)

If ARMSBP13=.R or if ANKSBP13 = .R, then ABI04=.R (missing due to out of range value)

If ANKSBP13 minus ARMSBP13 &lt;75, then ABI04=ANKSBP13/ARMSBP13.

If ANKSBP13 minus ARMSBP13 &gt;75, then ABI04= .S (missing due to out of range interval between Ankle and Arm BP)

Ankle BP (ANKSBP13)				
Arm BP ARMSBP13		Missing (not measured)	.R (out of range value)	Valid value 30-245,inclusive
	Missing (not measured)	ABI04= '.'	ABI04= '.'	ABI04= '.'
	.R (out of range value)	ABI04= '.R'	ABI04= '.R'	ABI04= '.R'
	Valid value 30-245, inclusive	ABI04= '.'	ABI04= '.R'	If (ANKSBP13minusARMSBP13)<75, then ABI04=ANKSBP13/ARMSBP13.  If (ANKSBP13minusARMSBP13) ≥75, then ABI04= .S (missing due to out of range interval between Ankle and Arm BP)

**Cohort, Exam 1****ANKSBP13 (Redefined Ankle Systolic Blood Pressure)**

ANKSBP13 is a continuous Visit 1 variable defined to be consistent with ABI measurements at Visits 3 & 4. It is the fourth systolic blood pressure (SBP) readings or to be the third, second, or first non-missing readings in this order if the fourth systolic blood pressure readings are missing. The algorithm for computation of ANKSBP13 is given in the table below.

Table Assignment of Values to ANKSBP13

ANKSBP01	ANKSBP02	ANKSBP03	ANKSBP04	ANKSBP13
Any	Any	Any	Non-missing	ANKSBP04
Any	Any	Non-missing	Missing	ANKSBP03
Any	Non-missing	Missing	Missing	ANKSBP02
Non-Missing	Missing	Missing	Missing	ANKSBP01
Missing	Missing	Missing	Missing	Missing (.T)

ANKSBP01-04: Resting supine ankle systolic blood pressure readings

**ARMSBP13 (Redefined Brachial Systolic Blood Pressure)**

ARMSBP13 is a continuous Visit 1 variable defined to be consistent with ABI measurements at Visits 3 & 4. It is the first arm SBP or the second SBP if the first systolic blood pressure readings are missing. The algorithm for computation of ARMSBP13 is given in the table below.

Table Assignment of Values to ARMSBP13

ARMSBP01	ARMSBP02	ARMSBP13
Non-missing	Any	ARMSBP01
Missing	Non-missing	ARMSBP02
Missing	Missing	Missing (.T)

ARMSBP01-02: Resting supine brachial systolic blood pressure readings

ABIV1		<i>abiv1 (ABI Was Measured at V1)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
561	N	ABI04='.'
8	R	ABI04='.R.'
16	S	ABI04='.S'
15207	Y	ABI04=>0

If ABI04 = > 0, then ABIV1=Y (ABI measured at V1 and has a valid value)

If ABI04 = '.S', then ABIV1= S (ABI measured at V1, but value is invalid)

If ABI04 = '.R', then ABIV1=R (ABI measured at V1, but one or both BP values out of range, so no valid value)

If ABI04 = '.', then ABIV1=N (ABI not measured at V1, due to missing one or both BP values)

LEGANK01		<i>legank01 (Leg Used For Ankle BP at V1)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
561	.	Missing
612	LID	UBMDA01=missing, and if the 5th digit in the participant's ID is odd, then code as LID
6945	LPOP	UBMDA01=1 (left leg, based on the popliteal artery scan, noted on the UBMD file)
652	RID	UBMDA01=missing and if the 5th digit in the participant's ID is even, then code as RID
7022	RPOP	UBMDA01=17 (right leg, based on the popliteal artery scan, noted on the UBMD file)

If ABIV1=yes or .R or .S, then

LEGANK01=RPOP if UBMDA01=17 (right leg, based on the popliteal artery scan, noted on the UBMD file)

LEGANK01=LPOP if UBMDA01=1 (left leg, based on the popliteal artery scan, noted on the UBMD file)

LEGANK01=RID if UBMDA01=missing and if the 5th digit in the participant's ID is even, then code as RID.

LEGANK01=LID if UBMDA01=missing, and if the 5th digit in the participant's ID is odd, then code as LID.

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<i>PAD01</i>		<i>Pad01(Peripheral Artery Disease, V1-Definition 1)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14789	0	Absent
418	1	Present
585		Missing

If GENDER=M and ABI04<.90 and not missing (not = ., .R, or .S), then PAD01=1 (present)  
 If GENDER=M and ABI04>.90, then PAD01=0 (absent).

If GENDER=F and ABI04<.85, and not missing (not =., .R, or .S), then PAD01=1 (present)  
 If GENDER=F and ABI04≥.85, then PAD01=0 (absent).  
 Otherwise, PAD01=missing

<i>PAD02</i>		<i>Pad02(Peripheral Artery Disease, V1-Def 2., Abi&lt;.9 For Both Genders)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14572	0	Absent
635	1	Present
585		Missing

If ABI04<.90 and not missing (not = ., .R, or .S), then PAD02=1 (present)  
 If ABI04≥.90, then PAD02=0 (absent).  
 Otherwise, PAD01=missing