

**ARIC Public Use Data
Modified Variable Dictionary - Cohort Visit 3**

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1. INTRODUCTION

The purpose of this dictionary is to provide definitions of modified variables at Visit 3. The following three approaches have been taken to modify original variables:

- Selected numeric variables have been top/bottom coded so that there are at least 20 observations at the upper and lower values, by race-sex. The value for a participant whose true value is above/below upper/lower end value has been set to the upper/lower value. Indicators for whether values were altered are not provided. The upper/lower values are documented here.
- Selected categorical variables have been grouped to assure each category has at least 20 counts, by race-sex.
- Selected date variables have been modified to follow up months/days to visit 3 since the given date.

All of the modified variables are renamed: Top/bottom coded or grouped form variables are renamed by replacing the fourth letter, indicating form version, as follows: A -> Z, B->Y, C->X, etc. Follow up months/days are named by placing FU somewhere in variable names.

2. AMHAPS31 (AFU Medical History)

2.1. AMHZ28 (Grouped # of Sisters)

If AMHA28 (number of sisters) is greater than 8, then we have assigned 8 as the number of sisters for AMHZ28. AMHZ28=AMHA28 otherwise.

2.2. AMHZ29 (Grouped # of Brothers)

If AMHA29 (number of brothers) is greater than 8, then we have assigned 8 as the number of brothers for AMHZ29. AMHZ29=AMHA29 otherwise.

3. ANTCPS31 (Anthropometry)

3.1. ANTX1 (Top/Bottom Coded Height) : Modified from ANTC1 (Height)

3.2. ANTX2 (Top/Bottom Coded weight) : Modified from ANTC2 (Weight)

3.3. ANTX3A (Top/Bottom Coded Waist Girth): Modified from ANTC3A (Waist Girth)

3.4. ANTX3B (Top/Bottom Coded Hip Girth): Modified from ANTC3B (Hip Girth)

Upper and Lower end values for modified continuous variables by race-sex

File	Variable	Black Female		Black Male		non-Black Female		non-Black Male	
		L*	H*	L*	H*	L*	H*	L*	H*
ANTCPS31	ANTX1	149	177	162	190	146	177	158	193
	ANTX2	110	298	124	283	97	284	123	302
	ANTX3A	71	147	76	132	68	146	77	141
	ANTX3B	88	152	86	132	85	150	87	141

*L=Lower end value

*H=Upper end value

4. ECHAPS31 (Echocardiography)

4.1. ECHZ1 (Top/bottom Coded Age)

If ECHA1 (age) is less than 51 or greater than 70, then ECHZ1 (age) has been assigned as 51 or 70, respectively. ECHZ1=ECHA1 otherwise.

4.2. ECHZ2 (Top/Bottom Coded Height) : Modified from ECHA2 (Height)

4.3. ECHZ4 (Top/Bottom Coded weight) : Modified from ECHA4 (Weight)

Upper and Lower end values for modified continuous variables by race-sex

File	Variable	Black Female		Black Male		non-Black Female		non-Black Male	
		L*	H*	L*	H*	L*	H*	L*	H*
ECHAPS31	ECHZ2	149	177	162	191
	ECHZ4	110	297	128	276

*L=Lower end value

*H=Upper end value

5. PHXAPS31 (Personal History)

5.1. PHXZ8D (Derived Year of Saw a Doctor about High BP)

PHXZ8D (2 digit year that participants saw a doctor about high blood pressure) has been derived from PHXA8D (Month and Year that participants saw a doctor about high blood pressure).

5.2. PHXZ8H (Derived Year of Saw a Doctor about High BP)

PHXZ8H (2 digit year that participants saw a doctor about high blood pressure) has been derived from PHXA8H (Month and Year that participants saw a doctor about high blood pressure).

5.3. PHXZ8Q (Derived Year of Cancer Diagnosed)

PHXZ8Q (2 digit year of Cancer Diagnosed) has been derived from PHXA8Q (Month and Year of Cancer Diagnosed).

5.4. PHXZ8T (Derived Year of Cancer Diagnosed)

PHXZ8T (2 digit year of Cancer Diagnosed) has been derived from PHXA8T (Month and Year of Cancer Diagnosed).

5.5. PHXZ54 (Grouped Occupation)

Occupation groups PHXA54 have the following categories:

Blank: missing

A : Homemaking, not working outside the home

B: Employed, either full or part time

C: Employed, but temporarily away from regular work

D: Unemployed, looking for work

E: Unemployed, not looking for work

F: Retired from usual occupation and not working

G: Retired from usual occupation but working for pay

We regroup PHXA54 as follows:

PHXZ54 =1 if B or C in PHXA54,

=2 if D or E in PHXA54,

=3 if F in PHXA54,

=4 if G in PHXA54,

= 9 if missing or A in PHXA54.

5.6. PHXZ60 (Grouped Categorized Income)

Categorized Income PHXA60 have the following categories:

Blank: missing

A: Under \$ 5,000

B: \$ 5,000 - \$ 7,999

C: \$ 8,000 - \$11,999

D: \$12,000 - \$15,999

E: \$16,000 - \$24,999

F: \$25,000 - \$34,999

G: \$35,000 - \$49,999

H: \$50,000 - \$74,999

I: \$75,000 - \$99,999

J: \$100,000 and over.

We regroup PHXA60 as follows:

PHXZ60 =I if PHXA60=J ,

=blank if PHXA60=0,

=PHXA60 otherwise.

5.7. PHXZ61 (Grouped Household Size)

If PHXA61 (number of people who lived in participant's house for the last 12 months) is less than one or missing then we have assigned one as household size for PHXZ61.

If PHXA61 (number of people who lived in participant's house for the last 12 months) is greater than six then we have assigned six as household size for PHXZ61.

PHXZ61=PHXA61 otherwise.

6. RHXPS31 (Reproductive History)

6.1. FURHXB3 (Follow up Months to Visit 3 since Last Menstruation)

Instead of providing last menstruation date RHXB3, follow up days to visit 3 exam since last menstruation has been derived as follows:

If month(RHXB3) <= 0 or year(RHXB3) <= 0 then FURHXB3=.;

Else FURHXB3=12*(year(V3date31)-year(RHXB3))+(month(V3DATE31)-month(RHXB3));

If FURHXB3 < 0 then FURHXB3=.;