

**ARIC Public Use Data  
Modified Variable Dictionary - Cohort Visit 1**

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## 1. INTRODUCTION

The purpose of this dictionary is to provide definitions of modified variables at Visit 1. 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 in the data dictionary.
- 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 since baseline.

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. ANTAPS12 (Anthropometry)

2.1. ANTZ01 (Top/Bottom Coded height): Modified from ANTA01 (Height)

2.2. ANTZ02 (Top/Bottom Coded sitting height): Modified from ANTA02 (Sitting height)

2.3. ANTZ03 (Top/Bottom Coded Stool height): Modified from ANTA03 (Stool height)

2.4. ANTZ04 (Top/Bottom Coded weight): Modified from ANTA04 (Weight)

2.5. ANTZ07A (Top/Bottom Coded Waist Girth): Modified from ANTA07A (Waist Girth)

2.6. ANTZ07B (Top/Bottom Coded Hip Girth): Modified from ANTA07B (Hip Girth)

Upper and Lower end values for 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*
ANTAPS12	ANTZ01	149	177	161	191	146	178	159	194
	ANTZ02	146	163	153	168	145	165	151	172
	ANTZ03	64	72	69	72	64	71	64	71
	ANTZ04	105	301	121	290	97	279	123	299
	ANTZ07A	68	146	72	131	66	145	76	136
	ANTZ07B	86	149	85	129	84	145	87	132

### 3. DTIAPS12(Dietary Intake)

#### 3.1. DTIZ101 (Top/Bottom Coded Weight): Modified from DTIA101 (Weight at age 25)

Upper and Lower end values for 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*
DTIAPS12	DTIZ101	90	230	120	244	89	220	115	250

### 4. FTRAPS12 (Fasting & Tracking)

#### 4.1. FTRZ24 (Grouped number in household)

We regrouped FTRA24 as follows:

FTRZ24 = '01' if FTRA24='1' or '01'  
 '02' if FTRA24='2' or '02'  
 '03' if FTRA24='3' or '03'  
 '04' if FTRA24='4' or '04'  
 '07' if race is non-black and FTRA24 ≥ '07'  
 '08' if race is black and FTRA24 ≥ '08'  
 FTRA24 otherwise

#### 4.2. FTRZ25 (Grouped number aged 45-64 in household)

We regrouped FTRA25 as follows:

FTRZ25 = '01' if FTRA25='1' or '01'  
 '02' if FTRA25='2' or '02'  
 '03' if FTRA25 ≥ '03'  
 missing if FTRA25='00' or missing

### 5. HOMPS12 (Home Interview)

#### 5.1 HOMZ13 (Top/bottom Coded Mother's Death Age): Modified from HOM13 (Mother's Death Age)

#### 5.2 HOMZ17 (Top/bottom Coded Age of Natural Mother): Modified from HOM17 (Age of Natural Mother)

#### 5.3. HOMZ21 (Top/bottom Coded Father's Death Age): Modified from HOM21 (Father's Death Age)

#### 5.4 HOMZ25 (Top/bottom Coded Age of Natural Fother): Modified from HOM25 (Age of Natural Father)

Upper and Lower end values for 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*
HOMPS12	HOMZ13	23	92	28	90	27	95	29	94
	HOMz17	62	92	62	92	64	94	64	95
	HOMZ21	29	94	35	94	28	95	28	94
	HOMZ25	65	89	67	89	66	92	67	92

### 5.5. HOMZ55 (Grouped Occupation)

The occupation variable, HOM55, has 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 regrouped HOM55 as follows:

HOMZ55 = missing if sex is male and hom55='A'  
HOM55 otherwise.

## 6. PFTAPS12 (Pulmonary Function)

### 6.1. PFTZ03 (Top/bottom Coded Height): Modified from PFTA03 (Height)

Upper and Lower end values for 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*
PFTAPS12	PFTZ03	58	70	63	75	57	70	62	76

### 6.2. PFTZ04 (Top/bottom Coded Age)

If PFTA04 (visit 1 age) is less than 45 or greater than 64, PFTZ04 has been set to 45 or 64, respectively.