BAF09HRT - NOTES

(Medical History Follow-up - Heart Problems)

The following summarizes changes made to the dataset B2F09HRT for public use distribution.

1. The following variables were deleted:
   B09IVID

2. The following variables were transformed:
   Dichotomous: B09ANGIN, B09CHD, B09CHF, B09CDMG, B09CMY, B09HRTAK, B09MYC, B09OHD, B09RFVR, B09RHD, B09VHD
   Continuous: B09ANGAG, B09CHDAG, B09CHFAG, B09CMGAG, B09CMYAG, B09HRTAG, B09MYCAG, B09OHDAG, B09RFVAG, B09RHDAG, B09VHDAG
   Polychotomous: B09ANGST, B09CHDST, B09CHFST, B09CMGST, B09CMYST, B09MYCST, B09RHDST, B09VHDST (all values set to missing)

3. The following polychotomous variables were recoded:
   B09OHDST: 4=Still have or under control (original values=3,4)
   5=Cured or gone

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CONTENTS PROCEDURE

Data Set Name: NEW.BAF09HRT Observations: 306
Member Type: DATA Variables: 37
Engine: V612 Indexes: 0
Created: 2:14 Friday, October 29, 1999 Observation Length: 167
Last Modified: 2:14 Friday, October 29, 1999 Deleted Observations: 0
Protection: Compressed: NO
Data Set Type: Sorted: NO
Label:

-----Engine/Host Dependent Information-----

Data Set Page Size: 8192
Number of Data Set Pages: 7
File Format: 607
First Data Page: 1
Max Obs per Page: 48
Obs in First Data Page: 19

-----Alphabetic List of Variables and Attributes-----

#	Variable	Type	Len	Pos	Label
5	B09ANGAG	Num	3	12	AGE AT DX, ANGINA
4	B09ANGIN	Num	3	9	HAD ANGINA?
6	B09ANGST	Num	3	15	STATUS OF ANGINA
7	B09CDMG	Num	3	18	HAS(/-D) ENLARGED HEART?
20	B09CHD	Num	3	74	CONGENITAL HEART DISEASE
22	B09CHDAG	Num	3	97	AGE DX, CONG. HRT DZ
21	B09CHDDN	Char	20	77	TEXT: TYPE OF CONG. HRT DZ
23	B09CHDST	Num	3	100	STATUS OF CONG. HRT DZ
30	B09CHF	Num	3	121	HAS(/D) CONGESTIVE HEART FAIL
31	B09CHFAG	Num	3	124	AGE DX, CONGESTIVE HEART FAIL
32	B09CHFST	Num	3	127	STATUS OF CONGESTIVE HRT FAIL.
8	B09CMGAG	Num	3	21	AGE AT DX, ENGLARGED HEART
9	B09CMGST	Num	3	24	STATUS, ENLARGED HEART CONDN
27	B09CMY	Num	3	112	HAS(/D) CARDIOMYOPATHY?
28	B09CMYAG	Num	3	115	AGE DX, CARDIOMYOPATHY
29	B09CMYST	Num	3	118	STATUS OF CARDIOMYOPATHY

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CONTENTS PROCEDURE

#	Variable	Type	Len	Pos	Label

2	B09HRTAG	Num	3	3	AGE AT HEART ATTACK
1	B09HRTAK	Num	3	0	HAD HEART ATTACK?
3	B09HRTST	Num	3	6	STATUS, HEART ATTACK
24	B09MYC	Num	3	103	HAS(/D) MYOCARDITIS?
25	B09MYCAG	Num	3	106	AGE DX, MYOCARDITIS
26	B09MYCST	Num	3	109	STATUS OF MYOCARDITIS
33	B09OHD	Num	3	130	HAS(/D) OTHER HEART PROBLEM
35	B09OHDAG	Num	3	153	AGE DX, OTHER HEART PROBLEM
34	B09OHDDN	Char	20	133	TEXT: DESC OF OTHER HRT PROB
36	B09OHDST	Num	3	156	STATUS OF OTHER HRT PROBLEM
11	B09RFVAG	Num	3	30	AGE DX, RHEUMATIC FEVER/CHOREA
10	B09RFVR	Num	3	27	HAS(/-D) RHEUMATIC FEVER/CHOREA?
12	B09RFVST	Num	3	33	STATUS, RHEUMATIC FEVER/CHOREA
13	B09RHD	Num	3	36	HAS/-D RHEUMATIC HEART DISEASE
14	B09RHDAG	Num	3	39	AGE DX, RHEUMATIC HEART DISEASE
15	B09RHDST	Num	3	42	STATUS OF RHEUMATIC HRT DZ
16	B09VHD	Num	3	45	HAS/-D VALVULAR HEART DISEASE?
18	B09VHDAG	Num	3	68	AGE DX, VALV. HRT DZ
17	B09VHDDN	Char	20	48	TEXT: ABBREV., TYPE VALVE DZ
19	B09VHDST	Num	3	71	STATUS OF VALVE DZ
37	PID	Num	8	159	

```
* BAF09HRT.SAS;

* Template program for creating public use datasets;
* This calls different macros to transform those variables so identified;
* H. McCreath 7/99;

options ps=59 ls=75 macrogen;

libname orig 'f:\examdata\y2';
* above corresponds to q:\examdata\y2;

* All references to c:\qdrive\sas\pud correspond to q:\sas\pub;

libname new 'c:\qdrive\sas\pud';

%include 'c:\qdrive\sas\pud\dichx.sas';
%include 'c:\qdrive\sas\pud\contx.sas';
%include 'c:\qdrive\sas\pud\datex.sas';
%include 'c:\qdrive\sas\pud\polyx.sas';

data temp;
  merge orig.b2f09hrt (in=inorig)
        new.pid;
  by short_id;

if inorig;

title2;
%dichx(b09hrtak);
%dichx(b09angin);
%dichx(b09cdmg);
%dichx(b09rfvr);
%dichx(b09rhd);
%dichx(b09vhd);
%dichx(b09chd);
%dichx(b09myc);
%dichx(b09cmy);
%dichx(b09chf);
%polyx(b09ohd); /* transformation keying on
                   values of 1 */

data temp;
```

```
  set temp;

* Set to missing due to transformations above;
if gr in('BF','WM') then b09angst=.;
b09cmgst=.;
if gr in('BF','BM') then b09rhdst=.;
if gr in('BF','BM','WM') then do;
  b09vhdst=.; b09vhddn=' ';
end;
b09chdst=.;
b09chddn=' ';

title2 'ORIGINAL VARIABLE';
%polyx(b09angst);
%polyx(b09cmgst);
%polyx(b09rhdst);
%polyx(b09vhdst);
%polyx(b09chdst);
%polyx(b09mycst);
%polyx(b09cmyst);
%polyx(b09chfst);
%polyx(b09ohdst);

data temp;
  set temp;

if gr='WF' then b09vhdst=.;

* New values:  4=Still have or under control (original values=3,4)
              5=Cured or gone;
if b09ohdst=3 then b09ohdst=4;

title2 'TRANSFORMED VARIABLE';
%polyx(b09vhdst);
%polyx(b09ohdst);

%confrun(b09hrtag,'HRTAG');
%confrun(b09angag,'ANGAG');
%confrun(b09rfvag,'RFVAG');
%confrun(b09rhdag,'RHDAG');
%confrun(b09vhdag,'VHDAG');
%confrun(b09mycag,'MYCAG');
```

```
%confrun(b09cmyag,'CMYAG');
%confrun(b09chfag,'CHFAG');
%confrun(b09ohdag,'OHDAG');

/*
%datex();
*/

proc sort data=temp; by pid;
run;

data new.baf09hrt;
  set temp;

if gr=' ' then delete;

* Set variables to missing due to small Ns;
if gr in('BM','WM') then b09ohdst=.;

* Drop following variables;

drop b09ivid;

* Delete CARDIA ID variables;
drop id shortid short_id center gr;

proc contents;
  title 'CARDIA PUBLIC USE DATA - VERSION 1.0';
run;
```