SmokingStatus

*-------------------------------------------------------------*
| PROGRAM NAME: SMOKINGSTATUS.SAS |
| VARIABLES CREATED: SMOKING STATUS: A10SMOKE B10SMOKE |
| F10SMOKE |
| G10SMOKE H10SMOKE I10SMOKE |
| CARDIA DATASETS USED: A4F09TOB B2F09TOB C1F09TOB D1F09TOB |
| E1F09TOB F1F09TOB G3F09TOB H3F09TOB |
| I1F09TOB |
| E1F10 F1F10 |
| G3F10 H3F10 I1F10 |
| VARIABLES USED: A10TOBAC A10CIGS A9SMKNW B10TOBAC |
| C10CIGS |
| D9SMKNW |
| F10TOBAC |
| G10CIGS |
| H9SMKNW |
| I10TOBAC I10CIGS I9SMKNW |
*-------------------------------------------------------------*
/*PROGRAMMER: RR  DATE 10/6/2016*/

LIBNAME CARDIA ('Q:\SAS\V8\Y0' 'Q:\SAS\V8\Y2' 'Q:\SAS\V8\Y5' 'Q:\SAS\V8\Y7' 'Q:\SAS\V8\Y10' 'Q:\SAS\V8\Y15' 'Q:\SAS\VER91\DATA' 'Q:\SAS\VER83\DATA' 'Q:\SAS\VER91\DATA');
LIBNAME DV 'Q:\CARDIA\CARDIA CC\DERIVED VARIABLES\Y30 Derived variables\DATA\VER91';

DATA ID;
   SET CARDIA.H5REF (KEEP=ID);
   SHORT_ID=INT(ID/10**7);
RUN;

DATA B2F09TOB (DROP=SHORT_ID);
   MERGE ID CARDIA.B2F09TOB (KEEP=SHORT_ID B9SMKNW);
   BY SHORT_ID;

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DATA DV.SmokingStatus (KEEP=ID A10SMOKE B10SMOKE C10SMOKE D10SMOKE E10SMOKE F10SMOKE G10SMOKE H10SMOKE I10SMOKE);

MERGE CARDIA.A4F09TOB (KEEP=ID A09SMKNW)
   CARDIA.A4F10 (KEEP=ID A10TOBAC A10CIGS)
   B2F09TOB
   CARDIA.B2F10 (KEEP=ID B10TOBAC B10CIGS)
   CARDIA.C1F09TOB (KEEP=ID C09SMKNW)
   CARDIA.C1F10 (KEEP=ID C10TOBAC C10CIGS)
   CARDIA.D1F9TOBA (KEEP=ID D09SMKNW)
   CARDIA.D1F10 (KEEP=ID D10TOBAC D10CIGS)
   CARDIA.E1F09TOB (KEEP=ID E09SMKNW)
   CARDIA.E1F10 (KEEP=ID E10TOBAC E10CIGS)
   CARDIA.F1F09TOB (KEEP=ID F09SMKNW)
   CARDIA.F1F10 (KEEP=ID F10TOBAC F10CIGS)
   CARDIA.G3F09TOB (KEEP=ID G09SMKNW)
   CARDIA.G3F10 (KEEP=ID G10TOBAC G10CIGS)
   CARDIA.H3F09TOB (KEEP=ID H09SMKNW)
   CARDIA.H3F10 (KEEP=ID H10TOBAC H10CIGS)
   CARDIA.I1F10 (KEEP=ID I10TOBAC I10CIGS)
   CARDIA.I1F09TOB (KEEP = ID I09SMKNW)
;

BY ID;

* THIS PARTICIPANT WITHDREW CONSENT TO ALL CARDIA DATA ;
* IF ID=203323105195 THEN DELETE;
* SMOKING STATUS ;
A10SMOKE=.;
IF A10TOBAC=1 THEN A10SMOKE=0;
IF (A10TOBAC=2 AND A10CIGS=1) THEN A10SMOKE=0;
IF (A10TOBAC=2 AND A10CIGS=2 AND A09SMKNW=1) THEN A10SMOKE=1;
IF (A10TOBAC=2 AND A10CIGS=2 AND A09SMKNW=2) THEN A10SMOKE=2;

B10SMOKE=.;
IF B10TOBAC=1 THEN B10SMOKE=0;
IF (B10TOBAC=2 AND B10CIGS=1) THEN B10SMOKE=0;
IF (B10TOBAC=2 AND B10CIGS=2 AND B09SMKNW=1) THEN B10SMOKE=1;
IF (B10TOBAC=2 AND B10CIGS=2 AND B09SMKNW=2) THEN B10SMOKE=2;

C10SMOKE=.;
IF C10TOBAC=1 THEN C10SMOKE=0;
IF (C10TOBAC=2 AND C10CIGS=1) THEN C10SMOKE=0;
IF (C10TOBAC=2 AND C10CIGS=2 AND C09SMKNW=1) THEN C10SMOKE=1;
IF (C10TOBAC=2 AND C10CIGS=2 AND C09SMKNW=2) THEN C10SMOKE=2;

D10SMOKE=.;
IF D10TOBAC=1 THEN D10SMOKE=0;
SmokingStatus
IF (D10TOBAC=2 AND D10CIGS=1) THEN D10SMOKE=0;
IF (D10TOBAC=2 AND D10CIGS=2 AND D09SMKNW=1) THEN D10SMOKE=1;
IF (D10TOBAC=2 AND D10CIGS=2 AND D09SMKNW=2) THEN D10SMOKE=2;
E10SMOKE=.;
IF E10TOBAC=1 THEN E10SMOKE=0;
IF (E10TOBAC=2 AND E10CIGS=1) THEN E10SMOKE=0;
IF (E10TOBAC=2 AND E10CIGS=2 AND E09SMKNW=1) THEN E10SMOKE=1;
IF (E10TOBAC=2 AND E10CIGS=2 AND E09SMKNW=2) THEN E10SMOKE=2;
F10SMOKE=.;
IF F10TOBAC=1 THEN F10SMOKE=0;
IF (F10TOBAC=2 AND F10CIGS=1) THEN F10SMOKE=0;
IF (F10TOBAC=2 AND F10CIGS=2 AND F09SMKNW=1) THEN F10SMOKE=1;
IF (F10TOBAC=2 AND F10CIGS=2 AND F09SMKNW=2) THEN F10SMOKE=2;
G10SMOKE=.;
IF G10TOBAC=1 THEN G10SMOKE=0;
IF (G10TOBAC=2 AND G10CIGS=1) THEN G10SMOKE=0;
IF (G10TOBAC=2 AND G10CIGS=2 AND G09SMKNW=1) THEN G10SMOKE=1;
IF (G10TOBAC=2 AND G10CIGS=2 AND G09SMKNW=2) THEN G10SMOKE=2;
H10SMOKE=.;
IF H10TOBAC=1 THEN H10SMOKE=0;
IF (H10TOBAC=2 AND H10CIGS=1) THEN H10SMOKE=0;
IF (H10TOBAC=2 AND H10CIGS=2 AND H09SMKNW=1) THEN H10SMOKE=1;
IF (H10TOBAC=2 AND H10CIGS=2 AND H09SMKNW=2) THEN H10SMOKE=2;
I10SMOKE=.;
IF I10TOBAC=1 THEN I10SMOKE=0;
IF (I10TOBAC=2 AND I10CIGS=1) THEN I10SMOKE=0;
IF (I10TOBAC=2 AND I10CIGS=2 AND I09SMKNW=1) THEN I10SMOKE=1;
IF (I10TOBAC=2 AND I10CIGS=2 AND I09SMKNW=2) THEN I10SMOKE=2;
LABEL A10SMOKE='SMOKING STATUS'
    B10SMOKE='SMOKING STATUS'
    C10SMOKE='SMOKING STATUS'
    D10SMOKE='SMOKING STATUS'
    E10SMOKE='SMOKING STATUS'
    F10SMOKE='SMOKING STATUS'
    G10SMOKE='SMOKING STATUS'
    H10SMOKE='SMOKING STATUS'
    I10SMOKE='SMOKING STATUS'
;
SmokingStatus

title1 "Derived data: Smoking Status"
run;
title;