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NOTE: SAS (r) Proprietary Software 9.2 (TS1M0)
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NOTE: This session is executing on the XP_PRO platform.

NOTE: SAS initialization used:
      real time   0:01.76
      user cpu time   0:00.21
      system cpu time   0:00.71
      Memory   2554k
      OS Memory   3292k
      Timestamp   12/16/2008 1:59:52 PM

NOTE: AUTOEXEC processing beginning; file is C:\PROGRA~1\SAS92\SASFOU~1\9.2\autoexec.sas.

NOTE: AUTOEXEC processing completed.

```
1         /*****************************************************************\
2
3         PROGRAM:       C:\MEPS\PROG\M1.SAS
4
5         DESCRIPTION:   THIS EXAMPLE SHOWS THE NEED FOR USING WEIGHT
6                                       VARIABLES WHEN ANALYZING MEPS DATA FOR
7                                       NATIONAL ESTIMATES.
8
9
10        INPUT FILE:    C:\MEPS\DATA\H97.SAS7BDAT (2005 FULL-YEAR DATA FILE)
11
12        \*****************************************************************/
13
14        FOOTNOTE 'PROGRAM: C:\MEPS\PROG\M1.SAS';
15
16        LIBNAME CDATA 'C:\MEPS\DATA';
```
NOTE: Libref CDATA was successfully assigned as follows:
      Engine: V9
      Physical Name: C:\MEPS\DATA
```
17
18        TITLE1 'AHRQ MEPS DATA USERS WORKSHOP -- SEPTEMBER 2008';
19        TITLE2 'EFFECT OF WEIGHT VARIABLE ON RACE/ETHNICITY PERCENTAGE';
20
21        PROC FORMAT;
22
22     !  VALUE RACETHNB
23            0='TOTAL'
24            1 = 'HISPANIC'
25            2 = 'BLACK-NO OTH RACE/NOT HISPANIC'
26            3 = 'ASIAN-NO OTH RACE/NOT HISPANIC'
27            4 = 'OTHER/NOT HISPANIC';
```
NOTE: Format RACETHNB has been output.
```
28        RUN;
```

NOTE: PROCEDURE FORMAT used (Total process time):
      real time   0:00.10
      user cpu time   0:00.00
      system cpu time   0:00.04
      Memory   145k
      OS Memory   3548k
      Timestamp   12/16/2008 1:59:53 PM


```
29
30        /***** MODIFY RACE/ETHNICITY CATEGORIES *****/
31
32        * READ 2005 CONSOLIDATED FULL YEAR FILE;
33        DATA PUF97 ;
34                SET CDATA.H97 (KEEP= RACETHNX PERWT05F);
35        RUN;
```

NOTE: There were 33961 observations read from the data set CDATA.H97.
NOTE: The data set WORK.PUF97 has 33961 observations and 2 variables.
NOTE: DATA statement used (Total process time):
      real time   0:01.88
      user cpu time   0:00.01

```
        system cpu time        0:00.20
        Memory                          579k
        OS Memory                       4316k
        Timestamp               12/16/2008  1:59:55 PM


36
37          * CREATE UNWEIGHTED INTERNAL FILE;
38          PROC FREQ DATA=PUF97 NOPRINT;
39                  TABLE RACETHNX/ OUT=UNWT(KEEP=RACETHNX PERCENT);
40                  FORMAT RACETHNX RACETHNB.;
41          RUN;

NOTE: There were 33961 observations read from the data set WORK.PUF97.
NOTE: The data set WORK.UNWT has 4 observations and 2 variables.
NOTE: PROCEDURE FREQ used (Total process time):
        real time              0:00.15
        user cpu time          0:00.01
        system cpu time        0:00.01
        Memory                          383k
        OS Memory                       4572k
        Timestamp               12/16/2008  1:59:55 PM


42
43          * CREATE WEIGHTED INTERNAL FILE;
44          PROC FREQ DATA=PUF97 NOPRINT;
45                  TABLE RACETHNX/ OUT=WT(KEEP=RACETHNX PERCENT);
46                  FORMAT RACETHNX RACETHNB.;
47                  WEIGHT PERWT05F;
48          RUN;

NOTE: There were 33961 observations read from the data set WORK.PUF97.
NOTE: The data set WORK.WT has 4 observations and 2 variables.
NOTE: PROCEDURE FREQ used (Total process time):
        real time              0:00.03
        user cpu time          0:00.00
        system cpu time        0:00.03
        Memory                          226k
        OS Memory                       4572k
        Timestamp               12/16/2008  1:59:55 PM


49
50          * MERGE UNWEIGHTED AND WEIGHTED FILES;
51          DATA PCT;
52                  MERGE UNWT WT(RENAME=(PERCENT=WTPCT));
53                  BY RACETHNX;
54                  FORMAT PERCENT WTPCT 5.2;
55                  LABEL PERCENT='UNWEIGHTED PERCENTAGE'
56                  WTPCT='WEIGHTED PERCENTAGE';
57          RUN;

NOTE: There were 4 observations read from the data set WORK.UNWT.
NOTE: There were 4 observations read from the data set WORK.WT.
NOTE: The data set WORK.PCT has 4 observations and 3 variables.
NOTE: DATA statement used (Total process time):
        real time              0:00.12
        user cpu time          0:00.00
        system cpu time        0:00.01
        Memory                          242k
        OS Memory                       4572k
        Timestamp               12/16/2008  1:59:55 PM


58
59          PROC PRINT DATA=PCT NOOBS LABEL;
60                  VAR RACETHNX PERCENT WTPCT;
61          RUN;

NOTE: There were 4 observations read from the data set WORK.PCT.
NOTE: The PROCEDURE PRINT printed page 1.
NOTE: PROCEDURE PRINT used (Total process time):
        real time              0:00.10
        user cpu time          0:00.01
        system cpu time        0:00.03
        Memory                          856k
```

```
     OS Memory                        5084k
     Timestamp              12/16/2008  1:59:55 PM


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NOTE: SAS Institute Inc., SAS Campus Drive, Cary, NC USA 27513-2414
NOTE: The SAS System used:
     real time             0:04.70
     user cpu time         0:00.29
     system cpu time       0:01.24
     Memory                           3925k
     OS Memory                        5084k
     Timestamp              12/16/2008  1:59:55 PM
```

EFFECT OF WEIGHT VARIABLE ON RACE/ETHNICITY PERCENTAGE

RACE/ETHNICITY (EDITED/IMPUTED)	UNWEIGHTED PERCENTAGE	WEIGHTED PERCENTAGE
HISPANIC	27.87	14.71
BLACK-NO OTH RACE/NOT HISPANIC	16.48	12.11
ASIAN-NO OTH RACE/NOT HISPANIC	3.73	4.25
OTHER/NOT HISPANIC	51.92	68.92