

NOTE: Copyright (c) 2002-2008 by SAS Institute Inc., Cary, NC, USA.

NOTE: SAS (r) Proprietary Software 9.2 (TS1M0)

Licensed to SOCIAL & SCIENTIFIC SYSTEMS INC/AHRQ/NIH/HRSA, Site 0070021279.

NOTE: This session is executing on the XP\_PRO platform.

NOTE: SAS initialization used:

real time	0:01.57	
user cpu time	0:00.20	
system cpu time	0:00.78	
Memory		2554k
OS Memory		3292k
Timestamp	12/16/2008 2:01:08 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\M6.SAS
4
5      DESCRIPTION:  THIS EXAMPLE SHOWS THE USE OF THE DIABETES CARE SUPPLEMENT
6                    (DCS) WEIGHT VARIABLE (DIABW05F) FOR GENERATING ESTIMATES
7                    FOR ANALYSES USING QUESTIONS FROM THE DCS.
8
9                    TWO DCS VARIABLES ARE USED:
10
11                     (1) DSA1C53 (NUMBER OF TIMES TESTED FOR HEMOGLOBIN A1C)
12                     (2) DSINSU53 (DIABETES TREATED WITH INSULIN INJECTIONS?)
13
14      INPUT FILES:  C:\MEPS\DATA\H97.SAS7BDAT (2005 FULL-YEAR DATA FILE)
15
16      \*****/
17
18      FOOTNOTE 'PROGRAM: C:\MEPS\PROG\M6.SAS';
19
20      LIBNAME CDATA 'C:\MEPS\DATA' ;
NOTE: Libref CDATA was successfully assigned as follows:
Engine:          V9
Physical Name:   C:\MEPS\DATA
21
22      TITLE1 'AHRQ MEPS DATA USERS WORKSHOP -- SEPTEMBER 2008';
23      TITLE2 'DIABETES CARE SUPPLEMENT ESTIMATES';
24
25      PROC FORMAT;
26          VALUE A1CF
27              -9 = '-9 NOT ASCERTAINED'
28              -8 = '-8 DK'
29              -1 = '-1 INAPPLICABLE'
30              1-20 = '1-20 TIMES'
31              21-50 = '21-50 TIMES'
32              50-HIGH = '51 TIMES OR MORE';
NOTE: Format A1CF has been output.
33          VALUE INSF
34              -9 = '-9 NOT ASCERTAINED'
35              -8 = '-8 DK'
36              -1 = '-1 INAPPLICABLE'
37              1 = '1 YES'
38              0 = '0 NO';
NOTE: Format INSF has been output.
39      RUN;

```

NOTE: PROCEDURE FORMAT used (Total process time):

real time	0:00.09	
user cpu time	0:00.00	
system cpu time	0:00.04	
Memory		146k
OS Memory		3548k
Timestamp	12/16/2008 2:01:08 PM	

```
42      DATA FY2005;
43          SET CDATA.H97 (KEEP= DUPERSID DIABW05F VARSTR VARPSU
44                      DSA1C53 DSINSU53);
45      RUN;
```

NOTE: There were 33961 observations read from the data set CDATA.H97.  
NOTE: The data set WORK.FY2005 has 33961 observations and 6 variables.  
NOTE: DATA statement used (Total process time):

real time	0:01.92	
user cpu time	0:00.01	
system cpu time	0:00.17	
Memory		580k
OS Memory		4316k
Timestamp	12/16/2008	2:01:10 PM

```
46
47      PROC SURVEYFREQ DATA= FY2005 ;
48          STRATA VARSTR;
49          CLUSTER VARPSU;
50          WEIGHT DIABW05F;
51          TABLES DSA1C53 DSINSU53 ;
52          FORMAT DSA1C53 A1CF. DSINSU53 INSF. ;
53      RUN;
```

NOTE: 32307 observations were omitted due to nonpositive weights.  
NOTE: There is at least one stratum that contains only a single cluster for the table of DSA1C53. Single-cluster strata are not included in the variance estimates.  
NOTE: There is at least one stratum that contains only a single cluster for the table of DSINSU53. Single-cluster strata are not included in the variance estimates.  
NOTE: The PROCEDURE SURVEYFREQ printed page 1.  
NOTE: PROCEDURE SURVEYFREQ used (Total process time):

real time	0:00.16	
user cpu time	0:00.06	
system cpu time	0:00.04	
Memory		3793k
OS Memory		8188k
Timestamp	12/16/2008	2:01:10 PM

```
54
55
56
```

NOTE: SAS Institute Inc., SAS Campus Drive, Cary, NC USA 27513-2414  
NOTE: The SAS System used:

real time	0:04.19	
user cpu time	0:00.32	
system cpu time	0:01.20	
Memory		6681k
OS Memory		8188k
Timestamp	12/16/2008	2:01:10 PM

The SURVEYFREQ Procedure

Data Summary

Number of Strata	200
Number of Clusters	384
Number of Observations	33961
Number of Observations Used	1654
Number of Obs with Nonpositive Weights	32307
Sum of Weights	16934272.2

DCS: TIMES TESTED FOR A-ONE-C - 2005

DSA1C53	Frequency	Weighted Frequency	Std Dev of Wgt Freq	Percent	Std Err of Percent
-9 NOT ASCERTAINED	68	570685	74212	3.3700	0.4120
-8 DK	214	2099803	166302	12.3997	0.9286
0	88	915366	112774	5.4054	0.6301
1-20 TIMES	1183	12481083	434504	73.7031	1.2143
21-50 TIMES	15	153183	50317	0.9046	0.2960
51 TIMES OR MORE	86	714152	82177	4.2172	0.4548
Total	1654	16934272	536203	100.000	

DCS: TREAT DIABETES W/INSULIN INJECTIONS

DSINSU53	Frequency	Weighted Frequency	Std Dev of Wgt Freq	Percent	Std Err of Percent
-9 NOT ASCERTAINED	12	153763	45982	0.9080	0.2717
1 YES	427	4167239	245560	24.6083	1.2382
2	1215	12613270	459769	74.4837	1.2734
Total	1654	16934272	536203	100.000	