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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	0:01.83	
user cpu time	0:00.20	
system cpu time	0:00.71	
Memory		2554k
OS Memory		3292k
Timestamp	12/16/2008 2:01:55 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\M9.SAS
4
5          DESCRIPTION:     THIS EXAMPLE USES THE 2005 FULL-YEAR FILE TO OUTPUT
6                          DESCRIPTIVE STATISTICS SHOWING HEALTH INSURANCE
7                          STATUS AND HEALTHCARE UTILIZATION.
8
9                          TYPES OF EVENTS USED IN THIS PROGRAM:
10
11                         PRESCRIBED MEDICINE USE (RXTOT05)
12                         OFFICE-BASED VISITS (OBTOT05)
13                         EMERGENCY DEPT. VISITS (ERTOT05)
14
15          INPUT FILE:      C:\MEPS\DATA\H97.SAS7BDAT (2005 FULL-YEAR DATA FILE)
16
17          \*****/
18
19          FOOTNOTE 'PROGRAM: C:\MEPS\PROG\M9.SAS';
20
21          LIBNAME CDATA 'C:\MEPS\DATA' ;
NOTE: Libref CDATA was successfully assigned as follows:
Engine:          V9
Physical Name:  C:\MEPS\DATA

```

```

22
23          TITLE1 'AHRQ MEPS DATA USERS WORKSHOP -- SEPTEMBER 2008';
24          TITLE2 'HEALTH INSURANCE STATUS AND HEALTHCARE UTILIZATION';
25

```

```

26          PROC FORMAT;
27              VALUE YESNO
28                  -9 = '-9 NOT ASCERTAINED'
29                  -8 = '-8 DK'
30                  -7 = '-7 REFUSED'
31                  -1 = '-1 INAPPLICABLE'
32                  1 = 'UNINSURED'
33                  2 = 'INSURED';

```

NOTE: Format YESNO has been output.

```

34          VALUE INSCOV
35              1 = 'ANY PRIVATE'
36              2 = 'PUBLIC ONLY'
37              3 = 'UNINSURED';

```

NOTE: Format INSCOV has been output.

```

38          RUN;

```

NOTE: PROCEDURE FORMAT used (Total process time):

real time	0:00.09	
user cpu time	0:00.01	
system cpu time	0:00.03	
Memory		145k
OS Memory		3548k
Timestamp	12/16/2008 2:01:55 PM	

```

39
40          *READ 2005 CONSOLIDATED FULL YEAR FILE;
41          DATA PUF97 ;

```

```

42          SET CDATA.H97 (KEEP= UNINS05 INSCOV05 RXTOT05 OBTOTV05 ERTOT05
43                      VARPSU VARSTR PERWT05F);
44          LABEL OBTOTV05= ' '
45                  RXTOT05 = ' '
46                  ERTOT05 = ' '
47                  UNINS05 = ' '
48                  INSCOV05= ' ';
49          RUN;

```

NOTE: There were 33961 observations read from the data set CDATA.H97.

NOTE: The data set WORK.PUF97 has 33961 observations and 8 variables.

NOTE: DATA statement used (Total process time):

real time	0:01.49	
user cpu time	0:00.01	
system cpu time	0:00.20	
Memory		582k
OS Memory		4316k
Timestamp	12/16/2008	2:01:57 PM

```

50
51          TITLE3 'MEAN NUMBER OF PRESCRIPTIONS AND REFILLS BY INSURANCE COVERAGE STATUS';
52
53          PROC SURVEYMEANS DATA= PUF97 NOBS SUMWGT MEAN STDERR;
54              VAR RXTOT05;
55              STRATA VARSTR;
56              CLUSTER VARPSU;
57              WEIGHT PERWT05F;
58              DOMAIN UNINS05 INSCOV05;
59              FORMAT UNINS05 YESNO. INSCOV05 INSCOV. ;
60          RUN;

```

NOTE: Due to nonpositive weights, 1641 observation(s) were deleted.

NOTE: The PROCEDURE SURVEYMEANS printed page 1.

NOTE: PROCEDURE SURVEYMEANS used (Total process time):

real time	0:00.33	
user cpu time	0:00.23	
system cpu time	0:00.06	
Memory		5048k
OS Memory		10004k
Timestamp	12/16/2008	2:01:57 PM

```

61
62          TITLE3 'MEAN NUMBER OF OFFICE VISITS BY INSURANCE COVERAGE STATUS';
63
64          PROC SURVEYMEANS DATA= PUF97 NOBS SUMWGT MEAN STDERR;
65              VAR OBTOTV05;
66              STRATA VARSTR;
67              CLUSTER VARPSU;
68              WEIGHT PERWT05F;
69              DOMAIN UNINS05 INSCOV05;
70              FORMAT UNINS05 YESNO. INSCOV05 INSCOV. ;
71          RUN;

```

NOTE: Due to nonpositive weights, 1641 observation(s) were deleted.

NOTE: The PROCEDURE SURVEYMEANS printed page 2.

NOTE: PROCEDURE SURVEYMEANS used (Total process time):

real time	0:00.25	
user cpu time	0:00.21	
system cpu time	0:00.01	
Memory		4126k
OS Memory		10004k
Timestamp	12/16/2008	2:01:57 PM

```

72
73          TITLE3 'MEAN NUMBER OF EMERGENCY DEPT. VISITS BY INSURANCE COVERAGE STATUS';
74
75          PROC SURVEYMEANS DATA= PUF97 NOBS SUMWGT MEAN STDERR;
76              VAR ERTOT05;
77              STRATA VARSTR;
78              CLUSTER VARPSU;
79              WEIGHT PERWT05F;
80              DOMAIN UNINS05 INSCOV05;
81              FORMAT UNINS05 YESNO. INSCOV05 INSCOV. ;
82          RUN;

```

NOTE: Due to nonpositive weights, 1641 observation(s) were deleted.

NOTE: The PROCEDURE SURVEYMEANS printed page 3.

NOTE: PROCEDURE SURVEYMEANS used (Total process time):

real time	0:00.25	
user cpu time	0:00.21	
system cpu time	0:00.01	
Memory		4162k
OS Memory		10004k
Timestamp	12/16/2008	2:01:58 PM

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

NOTE: The SAS System used:

real time	0:04.66	
user cpu time	0:00.95	
system cpu time	0:01.14	
Memory		7937k
OS Memory		10004k
Timestamp	12/16/2008	2:01:58 PM

The SURVEYMEANS Procedure

Data Summary

Number of Strata	203
Number of Clusters	452
Number of Observations	33961
Number of Observations Used	32320
Number of Obs with Nonpositive Weights	1641
Sum of Weights	296185002

Statistics

Variable	N	Sum of Weights	Mean	Std Error of Mean
RXTOT05	32320	296185002	10.133581	0.195483

Domain Analysis: UNINS05

UNINS05	Variable	N	Sum of Weights	Mean	Std Error of Mean
UNINSURED	RXTOT05	5097	36628862	3.596763	0.202357
INSURED	RXTOT05	27223	259556140	11.056065	0.210670

Domain Analysis: INSCOV05

INSCOV05	Variable	N	Sum of Weights	Mean	Std Error of Mean
ANY PRIVATE	RXTOT05	18310	205264979	9.635528	0.193126
PUBLIC ONLY	RXTOT05	8913	54291161	16.426855	0.572099
UNINSURED	RXTOT05	5097	36628862	3.596763	0.202357

The SURVEYMEANS Procedure

Data Summary

Number of Strata	203
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Number of Observations	33961
Number of Observations Used	32320
Number of Obs with Nonpositive Weights	1641
Sum of Weights	296185002

Statistics

Variable	N	Sum of Weights	Mean	Std Error of Mean
OBTOTV05	32320	296185002	5.212462	0.092681

Domain Analysis: UNINS05

UNINS05	Variable	N	Sum of Weights	Mean	Std Error of Mean
UNINSURED	OBTOTV05	5097	36628862	1.980152	0.097496
INSURED	OBTOTV05	27223	259556140	5.668609	0.099522

Domain Analysis: INSCOV05

INSCOV05	Variable	N	Sum of Weights	Mean	Std Error of Mean
ANY PRIVATE	OBTOTV05	18310	205264979	5.525742	0.111378
PUBLIC ONLY	OBTOTV05	8913	54291161	6.208763	0.205496
UNINSURED	OBTOTV05	5097	36628862	1.980152	0.097496

The SURVEYMEANS Procedure

Data Summary

Number of Strata	203
Number of Clusters	452
Number of Observations	33961
Number of Observations Used	32320
Number of Obs with Nonpositive Weights	1641
Sum of Weights	296185002

Statistics

Variable	N	Sum of Weights	Mean	Std Error of Mean
ERTOT05	32320	296185002	0.185659	0.004897

Domain Analysis: UNINS05

UNINS05	Variable	N	Sum of Weights	Mean	Std Error of Mean
UNINSURED	ERTOT05	5097	36628862	0.152557	0.010580
INSURED	ERTOT05	27223	259556140	0.190331	0.005193

Domain Analysis: INSCOV05

INSCOV05	Variable	N	Sum of Weights	Mean	Std Error of Mean
ANY PRIVATE	ERTOT05	18310	205264979	0.156770	0.004766
PUBLIC ONLY	ERTOT05	8913	54291161	0.317219	0.013257
UNINSURED	ERTOT05	5097	36628862	0.152557	0.010580