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NOTE: SAS (r) Proprietary Software Release 8.2 (TS2M0)
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NOTE: This session is executing on the WIN_PRO platform.

NOTE: This installation is running Base SAS hot fix bundle 82BX08.

NOTE: AUTOEXEC processing beginning; file is C:\PROGRA~1\SASINS~1\SAS\V8\autoexec.sas.

```
1 ** C:\PROGRAM FILES\SAS INSTITUTE\SAS\V8\AUTOEXEC.SAS ;
2
3 OPTIONS LS= 132 PS= 70 MERGENOBY=ERROR MSGLEVEL=i;
```

NOTE: AUTOEXEC processing completed.

```
1 /*****\
2
3 PROGRAM: C:\MEPS\PROG\EXAMPLE_EM2.SAS
4
5 DESCRIPTION: THIS EXAMPLE SHOWS HOW TO USE THE 2002 MEPS JOBS
6 FILE (HC-063) TO DETERMINE HOW MANY PERSONS
7 WORKING AT THE START OF THE YEAR CHANGED JOBS.
8
9 INPUT FILES: (1) C:\MEPS\DATA\H63.SAS7BDAT (2002 MEPS JOBS FILE)
10 (2) C:\MEPS\DATA\H62.SAS7BDAT (2002 MEPS FULL-YEAR FILE)
11
12 \*****/
13
14 LIBNAME CMEPS V8 'C:\MEPS\DATA' ;
```

NOTE: Libref CMEPS was successfully assigned as follows:
Engine: V8
Physical Name: C:\MEPS\DATA

```
15 FOOTNOTE 'PROGRAM: C:\MEPS\PROG\EXAMPLE_EM2.SAS';
16
17 TITLE1 'AHRQ MEPS DATA USERS WORKSHOP (EMPLOYMENT) -- NOV/DEC 2004';
18 TITLE2 ' ';
19
20
21 /***** THIS PROC SORT READS IN THE REQUIRED VARIABLES FROM THE *****/
22 /***** 2002 MEPS JOBS FILE FILE (HC-063) AND SUBSETS TO *****/
23 /***** PERSONS WHO HAD A JOB ON OR BEFORE JANUARY 1, 2002. *****/
24 /***** THE OUTPUT FILE *EMPSTART_POP* IS A PERSON LEVEL FILE. *****/
25
26 PROC SORT DATA= CMEPS.H63 (WHERE=
27 (((PANEL = 6 AND RN = 3) OR (PANEL = 7 AND RN = 1)) AND
28 (SUBTYPE IN (1, 2, 3, 4))) AND
29 ((JSTRTY < 2002) OR (JSTRIM = 1 AND JSTRTD = 1 AND JSTRTY = 2002))))
30 NODUPKEY
31 OUT= EMPSTART_POP (KEEP= DUPERSID);
32 BY DUPERSID;
33 RUN;
```

NOTE: SAS sort was used.
NOTE: 2094 observations with duplicate key values were deleted.
NOTE: There were 19318 observations read from the data set CMEPS.H63.

```
WHERE (((PANEL=6) and (RN=3)) or ((PANEL=7) and (RN=1))) and ((JSTRTY<2002) or ((JSTRTM=1) and (JSTRTD=1) and (JSTRTY=2002)))  
and SUBTYPE in (1, 2, 3, 4);
```

NOTE: The data set WORK.EMPSTART_POP has 17224 observations and 1 variables.

```
34  
35 /***** THIS PROC SORT OUTPUTS A JOBS FILE THAT IDENTIFIES *****/  
36 /***** THOSE WITH A JOB AT THE START OF 2002 WHO EITHER ADDED *****/  
37 /***** A JOB OR CHANGED JOBS. *****/  
38  
39 PROC SORT DATA= CMEPS.H63 (KEEP= DUPERSID SUBTYPE JSTRTM
```

```
40                                JSTRTD JSTRTY JOBSIDX)
41                                OUT= H63;
42                                BY DUPERSID;
43                                RUN;
```

NOTE: SAS sort was used.

NOTE: There were 67028 observations read from the data set CMEPS.H63.

NOTE: The data set WORK.H63 has 67028 observations and 6 variables.

```
44
45    DATA CHNGJOB_POP (KEEP= DUPERSID);
46        MERGE H63 (IN= A) EMPSTART_POP (IN= B);
47        BY DUPERSID;
48        IF (
49            (SUBTYPE IN (3,4)) OR
50            ((SUBTYPE IN (1, 2)) AND
51             (JSTRTY = 2002 AND (NOT (JSTRTD = 1 AND JSTRTM = 1)))) AND
52            (A AND B) THEN OUTPUT;
53    RUN;
```

NOTE: There were 67028 observations read from the data set WORK.H63.

NOTE: There were 17224 observations read from the data set WORK.EMPSTART_POP.

NOTE: The data set WORK.CHNGJOB_POP has 12159 observations and 1 variables.

```
54
55    PROC SORT DATA= CHNGJOB_POP NODUPKEY;
56        BY DUPERSID;
57    RUN;
```

NOTE: SAS sort was used.

NOTE: 6770 observations with duplicate key values were deleted.

NOTE: There were 12159 observations read from the data set WORK.CHNGJOB_POP.

NOTE: The data set WORK.CHNGJOB_POP has 5389 observations and 1 variables.

```
58
59    DATA HC62 (KEEP= AGE DUPERSID PERWT02P);
60        SET CMEPS.H62 (KEEP= DUPERSID AGE02X AGE42X AGE31X PERWT02P);
61        IF AGE02X >= 0
62            THEN AGE = AGE02X;
63        ELSE IF AGE42X >= 0
64            THEN AGE = AGE42X;
65        ELSE IF AGE31X >= 0
66            THEN AGE = AGE31X;
67        IF AGE GE 18
68            THEN OUTPUT;
69    RUN;
```

NOTE: There were 39165 observations read from the data set CMEPS.H62.

NOTE: The data set WORK.HC62 has 27573 observations and 3 variables.

```
70
71    PROC FORMAT;
72        VALUE AGEF
73            18-44 = '18-44'
```

```
74          45-64 = '45-64'  
75          65-85 = '65-85';  
NOTE: Format AGEF has been output.  
76          RUN;
```

```
77  
78          PROC FREQ DATA= HC62;  
79          TABLES AGE;  
80          FORMAT AGE AGEF. ;  
81          RUN;
```

```
NOTE: There were 27573 observations read from the data set WORK.HC62.  
NOTE: The PROCEDURE FREQ printed page 1.
```

```
82
83     PROC SORT DATA= HC62;
84         BY DUPERSID;
85     RUN;
```

NOTE: SAS sort was used.

NOTE: There were 27573 observations read from the data set WORK.HC62.

NOTE: The data set WORK.HC62 has 27573 observations and 3 variables.

```
86
87     /***** CREATE A COMBINED DATA SET WHERE THE EMPSTART_POP PERSONS *****/
88     /***** AND THE CHNGJOB_POP PERSONS ARE DESIGNATED BY VARIABLES. *****/
89
90     DATA CHNGINFO;
91         MERGE HC62 (IN= A) EMPSTART_POP (IN= B) CHNGJOB_POP (IN= C) ;
92         BY DUPERSID;
93         IF B
94             THEN EMPSTART = 'YES';
95         ELSE EMPSTART = 'NO';
96         IF C
97             THEN CHNGJOB = 'YES';
98         ELSE CHNGJOB = 'NO';
99         IF A THEN OUTPUT;
100    RUN;
```

NOTE: There were 27573 observations read from the data set WORK.HC62.

NOTE: There were 17224 observations read from the data set WORK.EMPSTART_POP.

NOTE: There were 5389 observations read from the data set WORK.CHNGJOB_POP.

NOTE: The data set WORK.CHNGINFO has 27573 observations and 5 variables.

```
101
102     TITLE5 'UNWEIGHTED FREQUENCIES' ;
103
104     PROC FREQ DATA= CHNGINFO;
105         TABLES    EMPSTART CHNGJOB
106                 EMPSTART*CHNGJOB
107                 / LIST MISSING ;
108     RUN;
```

NOTE: There were 27573 observations read from the data set WORK.CHNGINFO.

NOTE: The PROCEDURE FREQ printed page 2.

```
109
110     TITLE3 'AMONG PERSONS 18 AND OLDER WITH A CURRENT JOB STARTING';
111     TITLE4 'ON OR BEFORE JANUARY 1, 2002,' ;
112     TITLE4 'PERCENT WHO EITHER ADDED OR STOPPED A JOB IN 2002';
113     TITLE5 ' ' ;
114     TITLE6 'UNWEIGHTED FREQUENCY TABLE';
115
116     PROC FREQ DATA= CHNGINFO;
117         TABLES    CHNGJOB
118                 / LIST MISSING ;
119     RUN;
```

NOTE: There were 27573 observations read from the data set WORK.CHNGINFO.
NOTE: The PROCEDURE FREQ printed page 3.

```
120
121     TITLE6 'WEIGHTED FREQUENCY TABLE';
122
123     PROC FREQ DATA= CHNGINFO;
124         TABLES  CHNGJOB
125             / LIST MISSING ;
126         WHERE EMPSTART = 'YES';
127         WEIGHT PERWT02P;
128     RUN;
```

NOTE: There were 17089 observations read from the data set WORK.CHNGINFO.
WHERE EMPSTART='YES';
NOTE: The PROCEDURE FREQ printed page 4.

129
130
131
132
133

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

The FREQ Procedure

AGE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
18-44	14,675	53.2	14,675	53.2
45-64	8,485	30.8	23,160	84.0
65-85	4,413	16.0	27,573	100.0

UNWEIGHTED FREQUENCIES

The FREQ Procedure

EMPSTART	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	10,484	38.0	10,484	38.0
YES	17,089	62.0	27,573	100.0

CHNGJOB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	22,266	80.8	22,266	80.8
YES	5,307	19.2	27,573	100.0

EMPSTART	CHNGJOB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	NO	10484	38.02	10484	38.02
YES	NO	11782	42.73	22266	80.75
YES	YES	5307	19.25	27573	100.00

AMONG PERSONS 18 AND OLDER WITH A CURRENT JOB STARTING
PERCENT WHO EITHER ADDED OR STOPPED A JOB IN 2002

UNWEIGHTED FREQUENCY TABLE

The FREQ Procedure

CHNGJOB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	22,266	80.8	22,266	80.8
YES	5,307	19.2	27,573	100.0

AMONG PERSONS 18 AND OLDER WITH A CURRENT JOB STARTING
PERCENT WHO EITHER ADDED OR STOPPED A JOB IN 2002

WEIGHTED FREQUENCY TABLE

The FREQ Procedure

CHNGJOB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	99,413,654	69.9	99,413,654	69.9
YES	42,727,486	30.1	142,141,140	100.0