HC007SU.TXT File

This file contains information and sample SAS programs to create a permanent SAS dataset, for users who want to use SAS in processing the MEPS data provided in this PUF release.

There are two ways to create a permanent SAS dataset, using either the SAS transport data file (HC007.SSP) or the ASCII data file (HC007.DAT) supplied in this PUF release. Section A provides a sample SAS program for the first alternative, which is to convert the SAS transport data file to a regular SAS dataset, using the SAS PROCedure: XCOPY. Section B provides a sample SAS program for the second alternative, which is to read data from the ASCII data file, using a SAS DATA step with INFILE, INPUT, and LABEL statements. Section C explains format-related SAS statements that a user may optionally use when working with the SAS dataset. Examples of SAS programs (DATA step or PROC) are provided in all three sections, primarily for the benefit of inexperienced users. Section D contains complete SAS statements that must be used in the programs described in Sections B and C.

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The sample SAS programs provided in Sections A and B show how to create a permanent SAS dataset from the data files provided in this PUF release.

A. A Sample SAS Program for Converting the SAS Transport File to a Permanent SAS Dataset

The SAS transport file HC007.SSP was created from a PC-SAS Version 6.12 data file, exported in a format to be compatible with Version 5 of PC-SAS. This file has been tested for use with PC-SAS version 6.10 or higher, or with mainframe SAS version 6.08 or higher. This file may work with earlier versions of SAS, although it has not been tested with those versions. Users who are unable to use this SAS Transport file should instead convert the ASCII data file HC007.DAT to a SAS data set as described in Section B.

The SAS PROCedure XCOPY will read a SAS transport data file and convert the data to regular SAS format, storing the output in a permanent SAS dataset. This permanent SAS dataset can then be used for all future processing and analyses.

Below is a sample PC-SAS program that can be used to convert the SAS transport file to a permanent PC SAS dataset (in a Windows environment, with SAS V6.12).

```
LIBNAME PUFLIB 'C:\MEPSHC07';
FILENAME IN1 'C:\MEPSHC07\HC007.SSP';

PROC XCOPY IN=IN1 OUT=PUFLIB IMPORT;
RUN;
```

If the user wants a list of variables and a few sample records in the permanent SAS dataset, following are the SAS statements to accomplish these.

```
PROC CONTENTS DATA=PUFLIB.HC007;
TITLE "List of Variables in MEPS HC007 SAS Dataset";
RUN;

PROC PRINT DATA=PUFLIB.HC007 (OBS=20);
TITLE "First 20 Observations in MEPS HC007 SAS Dataset";
RUN;
```

The LIBNAME statement tells SAS the location (directory name) to store the permanent SAS dataset which is output by PROC XCOPY. The FILENAME statement tells SAS the location (complete directory and file name) of the input SAS transport data file.

NOTES:

1) The names used in the LIBNAME and FILENAME statements shown above (i.e., PUFLIB, IN1) are arbitrary; they are only temporary aliases.

2) The directory and file names used in the LIBNAME and FILENAME statements shown above are Windows syntax and may need to be modified for other operating systems such as UNIX, MAC/OS, VMS, or OS/2.

3) HC007 is the internal SAS dataset name (also the PC file name, without the extension) prior to the creation of the SAS transport data file. After running PROC XCOPY, the output SAS dataset assumes the same dataset name (or file name). Hence, in the example above, a file named HC007.SD2 will be created under the C:\MEPSHC07 directory when PROC XCOPY runs successfully.

B. A Sample SAS Program for Converting the ASCII Data File to a Permanent SAS Dataset

The complete SAS statements (INPUT and LABEL) included in Section D are intended to save time for those users wishing to create a permanent SAS dataset from the HC007.DAT ASCII data file. These statements must be used in combination with other SAS statements to create the appropriate SAS program, as shown below. To use the statements provided in Section D to create a SAS program, you will need an ASCII text editor. If you are using an interactive form of SAS (Windows, UNIX, OS2, etc.), use the editor provided as part of the SAS software.

Following is a sample SAS program that will convert the ASCII data file to SAS format.

```
LIBNAME PUFLIB 'C:\MEPSHC07';
FILENAME IN1 'C:\MEPSHC07\HC007.DAT';

DATA PUFLIB.HC007;
INFILE IN1 LRECL=256;
INPUT .....; * to user: insert the complete INPUT statement that is
provided in Section D;
LABEL .....; * to user: insert the complete LABEL statement that is
provided in Section D;
RUN;
```

Here is an explanation of the SAS statements used in the program above.

LIBNAME statement: This tells SAS the location (directory name) of the permanent SAS dataset.

FILENAME statement: This tells SAS the location of the input ASCII data file.

DATA statement: This signifies the beginning of a SAS DATA step and specifies describes the output SAS dataset, referencing the LIBNAME entry (PUFLIB) and assigning an internal SAS dataset name (HC007). In the example, after the successful completion of the DATA step, a PC file named HC007.SD2 would have been created in the C:\MEPSHC07 directory.

INFILE statement: This tells SAS the location (directory and file name) of the input ASCII data file. Also provided is the logical record length (256 bytes), with the default of RECFM=V implied when this parameter is omitted. LRECL and RECFM are optional parameters in the INFILE statement. With regard to these options, please note the following: the ASCII data file HC007.DAT contains a 2-byte carriage return/line feed at the end of each record. When converting to a PC-SAS file, the LRECL option should be used to specify the record length to avoid use of a default record length by PC-SAS. If the RECFM=V option is used, the LRECL option must be specified as the logical record length (e.g., 256 for HC007.DAT). If RECFM=F is used, then the LRECL value must be specified as the logical record length plus 2 (258 for HC007.DAT). Note that if the RECFM option is omitted, then the default option of RECFM=V is automatically used, and LRECL should be specified as the logical record (256 for HC007.DAT).

INPUT statement: This specifies the input record layout, giving names and the beginning and ending column positions for data items (which become SAS variables) in the ASCII data file (HC007.DAT). Variable type (numeric or character) is also defined via the INPUT statement.

LABEL statement: This associates descriptive names with the SAS variables.

RUN statement: This tells SAS to execute all commands up to this point.

C. Optional Format-related SAS Statements

If a user wants to use formats for the SAS variables, a SAS format library must first be created. Below is a SAS program that will accomplish this.

```
LIBNAME PUFLIB 'C:\MEPSHC07';
```

```
     PROC FORMAT LIBRARY=PUFLIB;
     VALUE .....; * to user: insert the complete set of VALUE statements found
in Section D;
     VALUE .....;
     ......... ;
     RUN;
```

Below is an example of how to use the SAS formats defined by the PROC FORMAT procedure.

```
     LIBNAME PUFLIB 'C:\MEPSHC07';
     OPTIONS FMTSEARCH=(PUFLIB);

     PROC FREQ DATA=PUFLIB.HC007;
     TABLES .... / LIST MISSING;
     FORMAT varnam1 fmtnam1.  Varnam2 fmtnam2.  .... ;
     * to user: substitute varnami and fmtnami with actual variable names and
format names;
     *     Insert the FORMAT statement provided in Section D, if you are using
all the variables;
     *     in the TABLES statement;
     TITLE "Frequency Distributions ....";
     RUN;
```

Here is an explanation of the SAS statements used above.

LIBNAME statement: This tells SAS the location (directory name) of the SAS format library. Please note that SAS datasets (file name extension is 'SD2') and format libraries (file name extension is 'SC2') can be stored under the same directory.

OPTIONS FMTSEARCH=...: This specifies the SAS format library.

PROC FORMAT statement: This identifies the SAS procedure that will make SAS formats according to VALUE statements. Formats will be stored in a file named FORMATS.SC2. Please note that the option 'LIBRARY=...' can be omitted, if the user does not want to create a permanent SAS format library. When simply 'PROC FORMAT;' is used, the formats are defined only for the duration of the batch SAS program or an interactive SAS session.

VALUE statement: This gives a) names to formats; and b) descriptive labels for individual values, or range of values. The format names can then be invoked using a FORMAT statement, if desired.

PROC FREQ statement: This identifies the SAS procedure that will generate frequency distributions of variables specified in the TABLES statement, formatted if a FORMAT statement is used. The input SAS dataset is specified in the 'DATA=' option.

FORMAT statement: This associates existing formats with variables. When using this statement, the formats must have already been created with a PROC FORMAT procedure.

RUN statement: This tells SAS to execute all commands up to this point.

NOTES:

1) Use of formats is entirely optional, and depends on the type of analyses that you are doing. It is recommended that you create and use them as appropriate.

2) The names used in the LIBNAME and FILENAME statements shown above (i.e., PUFLIB, IN1) are arbitrary; they are only temporary aliases.

3) You only create the permanent SAS data set once. Additional analyses can be run using this permanent dataset.

4) The file and directory specifications in the LIBNAME and FILENAME statements are Windows syntax and may need to be modified for other operating systems such as UNIX, MAC/OS, VMS, or OS/2.

D. SAS Statements

This section contains SAS INPUT, LABEL, FORMAT and VALUE statements for use in converting the ASCII HC007.DAT file into a SAS data set, and for creating
SAS
formats.

```
* INPUT STATEMENT;
INPUT @1      JOBSIDX  $11.0
      @12     DUPERSID $8.0
      @20     DUID      5.0
      @25     PID       3.0
      @28     RN        1.0
      @29     JOBSN     1.0
      @30     JOBTYPE   2.0
      @32     JSTRTM    2.0
      @34     JSTRTD    2.0
      @36     JSTRTY    4.0
      @40     JSTOPM    2.0
      @42     JSTOPD    2.0
      @44     JSTOPY    4.0
      @48     RETIRJOB  2.0
      @50     SUBTYPE   2.0
      @52     MAIN_JOB  2.0
      @54     DIFFWAGE  2.0
      @56     WHY_DIFF  2.0
      @58     WORKSTAT  2.0
      @60     Y_CHANGE  2.0
      @62     STILLWRK  2.0
      @64     OFFTAKEI  2.0
      @66     NOWTAKEI  2.0
      @68     WHY_LEFT  2.0
      @70     NUMEMPS   5.0
      @75     ESTMATE1  2.0
      @77     MORELOC   2.0
      @79     BUSINC    2.0
      @81     PROPRIET  2.0
      @83     TYPEEMPL  2.0
      @85     YLEFT     2.0
      @87     YNOBUSN   2.0
      @89     RECALL    2.0
      @91     HRSPRWK   3.0
      @94     HRS35WK   2.0
      @96     APXHRDAY  2.0
      @98     SICKPAY   2.0
      @100    PAYDRVST  2.0
      @102    PAYVACTN  2.0
      @104    RETIRPLN  2.0
      @106    WKLYAMT   7.2
      @113    EMPLINS   2.0
      @115    OFFRDINS  2.0
      @117    DIFFPLNS  2.0
      @119    INUNION   2.0
      @121    PROVDINS  2.0
      @123    HHMEMBER  2.0
      @125    NUMFMEMB  2.0
      @127    TOTLEMP   4.0
      @131    SALARIED  2.0
      @133    HOWPAID   2.0
      @135    DAYWAGE   6.2
      @141    HRSPRDY   2.0
      @143    MAKEAMT   9.2
      @152    PERUNIT   2.0
      @154    MORE10    2.0
      @156    MORE15    2.0
      @158    MOREMINM  2.0
      @160    OVRTIMHR  6.2
      @166    GROSSPAY  9.2
      @175    GROSSPER  2.0
      @177    SALRYWKS  2.0
      @179    OTHRTYPE  2.0
      @181    EARNTIPS  2.0
      @183    EARNBONS  2.0
      @185    EARNCOMM  2.0
      @187    OTHRWAGE  5.2
      @192    TIPSUNIT  2.0
      @194    TIPSAMT   8.2
      @202    BONSUNIT  2.0
      @204    BONSAMT   8.2
      @212    COMMUNIT  2.0
```

```
      @214    COMMAMT   9.2
      @223    HRLYWAGE  6.2
      @229    JBEGHR    2.0
      @231    JENDHR    2.0
      @233    JBEGMIN   2.0
      @235    JENDMIN   2.0
      @237    JBEGAMPM $2.0
      @239    JENDAMPM $2.0
      @241    SHIFTWK   2.0
      @243    JOBHASHI  2.0
      @245    STILLAT   2.0
      @247    SHFTCHNG  2.0
      @249    HRSALBAS  2.0
      @251    INDTCODE $3.0
      @254    OCCPCODE $3.0
;


* FORMAT STATEMENT;
FORMAT JOBSIDX  $JOBSID.
       DUPERSID $DUPERSI.
       DUID     DUID.
       PID      PID.
       RN       RN.
       JOBSN    JOBSN.
       JOBTYPE  JOBTYPE.
       JSTRTM   JSTRTM.
       JSTRTD   JSTRTD.
       JSTRTY   JSTRTY.
       JSTOPM   JSTOPM.
       JSTOPD   JSTOPD.
       JSTOPY   JSTOPY.
       RETIRJOB RETIRJOB.
       SUBTYPE  SUBTYPE.
       MAIN_JOB MAIN_JOB.
       DIFFWAGE DIFFWAGE.
       WHY_DIFF WHY_DIFF.
       WORKSTAT WORKSTAT.
       Y_CHANGE Y_CHANGE.
       STILLWRK STILLWRK.
       OFFTAKEI OFFTAKEI.
       NOWTAKEI NOWTAKEI.
       WHY_LEFT WHY_LEFT.
       NUMEMPS  NUMEMPS.
       ESTMATE1 ESTMATEA.
       MORELOC  MORELOC.
       BUSINC   BUSINC.
       PROPRIET PROPRIET.
       TYPEEMPL TYPEEMPL.
       YLEFT    YLEFT.
       YNOBUSN  YNOBUSN.
       RECALL   RECALL.
       HRSPRWK  HRSPRWK.
       HRS35WK  HRS35WK.
       APXHRDAY APXHRDAY.
       SICKPAY  SICKPAY.
       PAYDRVST PAYDRVST.
       PAYVACTN PAYVACTN.
       RETIRPLN RETIRPLN.
       WKLYAMT  WKLYAMT.
       EMPLINS  EMPLINS.
       OFFRDINS OFFRDINS.
       DIFFPLNS DIFFPLNS.
       INUNION  INUNION.
       PROVDINS PROVDINS.
       HHMEMBER HHMEMBER.
       NUMFMEMB NUMFMEMB.
       TOTLEMP  TOTLEMP.
       SALARIED SALARIED.
       HOWPAID  HOWPAID.
       DAYWAGE  DAYWAGE.
       HRSPRDY  HRSPRDY.
       MAKEAMT  MAKEAMT.
       PERUNIT  PERUNIT.
       MORE10   MORE1J.
       MORE15   MORE1E.
       MOREMINM MOREMINM.
       OVRTIMHR OVRTIMHR.
```

```
       GROSSPAY GROSSPAY.
       GROSSPER GROSSPER.
       SALRYWKS SALRYWKS.
       OTHRTYPE OTHRTYPE.
       EARNTIPS EARNTIPS.
       EARNBONS EARNBONS.
       EARNCOMM EARNCOMM.
       OTHRWAGE OTHRWAGE.
       TIPSUNIT TIPSUNIT.
       TIPSAMT  TIPSAMT.
       BONSUNIT BONSUNIT.
       BONSAMT  BONSAMT.
       COMMUNIT COMMUNIT.
       COMMAMT  COMMAMT.
       HRLYWAGE HRLYWAGE.
       JBEGHR   JBEGHR.
       JENDHR   JENDHR.
       JBEGMIN  JBEGMIN.
       JENDMIN  JENDMIN.
       JBEGAMPM $JBEGAMP.
       JENDAMPM $JENDAMP.
       SHIFTWK  SHIFTWK.
       JOBHASHI JOBHASHI.
       STILLAT  STILLAT.
       SHFTCHNG SHFTCHNG.
       HRSALBAS HRSALBAS.
       INDTCODE $INDTCOD.
       OCCPCODE $OCCPCOD.
;


* LABEL STATEMENT;
LABEL JOBSIDX ='JOB ID NUMBER'
      DUPERSID='SAMPLE PERSON ID (DUID+PID)'
      DUID    ='DWELLING UNIT ID'
      PID     ='PERSON NUMBER'
      RN      ='ROUND'
      JOBSN   ='JOB NUMBER'
      JOBTYPE ='SELF-EMPLOYED OR WORK FOR SOMEONE ELSE'
      JSTRTM  ='JOB START DATE - MONTH'
      JSTRTD  ='JOB START DATE - DAY'
      JSTRTY  ='JOB START DATE - YEAR'
      JSTOPM  ='JOB STOP DATE - MONTH'
      JSTOPD  ='JOB STOP DATE - DAY'
      JSTOPY  ='JOB STOP DATE - YEAR'
      RETIRJOB='PERSON RETIRED FROM THIS JOB'
      SUBTYPE ='JOB SUB-TYPE'
      MAIN_JOB='STILL MAIN JOB OR BUSINESS'
      DIFFWAGE='ANY CHANGE IN WAGE AMOUNT?'
      WHY_DIFF='WHY WAGES CHANGED'
      WORKSTAT='FULL OR PART TIME'
      Y_CHANGE='WHY CHANGE IN FULL/PART TIME STATUS'
      STILLWRK='STILL WORK AT ESTABLISHMENT'
      OFFTAKEI='OFFERED INSURANCE AND NOW TAKE'
      NOWTAKEI='NOW OFFERED AND TAKE INSURANCE'
      WHY_LEFT='REASON WHY NOT AT JOB NOW'
      NUMEMPS ='ESTABLISHMENT SIZE-NONSELF-EMP'
      ESTMATE1='CATEGORICAL APPROX. ESTAB SIZE'
      MORELOC ='MORE THAN ONE LOCATION'
      BUSINC  ='BUSINESS INCORPORATED'
      PROPRIET='PROPRIETORSHIP OR PARTNERSHIP'
      TYPEEMPL='EMPLOYEE TYPE'
      YLEFT   ='NO JOB REASON'
      YNOBUSN ='WHY NO BUSINESS?'
      RECALL  ='RECALL WITHIN 30 DAYS?'
      HRSPRWK ='EM111/104,EW17 NUMBER OF HOURS PER WEEK'
      HRS35WK ='WORK 35 HOURS?'
      APXHRDAY='APPROXIMATE # OF HOURS WORKED PER DAY'
      SICKPAY ='DOES PERSON HAVE PAID SICK LEAVE'
      PAYDRVST='IS THERE PAID SICK LEAVE FOR DR S VISITS'
      PAYVACTN='DOES PERSON GET PAID VACATION'
      RETIRPLN='DOES PERSON HAVE PENSION/RETIREMENT PLAN'
      WKLYAMT ='USUAL WEEKLY GROSS INCOME'
      EMPLINS ='HAVE HEALTH INSURANCE THRU THIS JOB'
      OFFRDINS='OFFERED INSURANCE BUT CHOSE NOT TO TAKE'
      DIFFPLNS='CHOICE OF DIFFERENT HEALTH INS PLANS'
      INUNION ='BELONG TO LABOR UNION'
      PROVDINS='WHO PROVIDES HEALTH INSURANCE'
```

```
      HHMEMBER='ANY OTHER HH MEMBER WRK AT THIS BUSINESS'
      NUMFMEMB='HOW MANY HH MEMBERS WORK THERE'
      TOTLEMP ='ESTABLISHMENT SIZE-SELF-EMP'
      SALARIED='IS PERSON SALARIED, PAID BY THE HR, ETC.'
      HOWPAID ='HOW IS PERSON PAID'
      DAYWAGE ='PERSON S DAILY WAGE RATE'
      HRSPRDY ='NUMBER OF HOURS PERSON WORKED IN ONE DAY'
      MAKEAMT ='HOW MUCH MONEY DOES PERSON MAKE'
      PERUNIT ='PERIOD FOR WHICH PERSON IS PAID'
      MORE10  ='PERSON MAKES MORE OR LESS THAN $10/HOUR'
      MORE15  ='PERSON MAKES MORE OR LESS THAN $15/HOUR'
      MOREMINM='PERSON MAKES MORE OR LESS THAN MIN. WAGE'
      OVRTIMHR='OVERTIME PAY RATE PER HOUR'
      GROSSPAY='PERSONS SALARY BEFORE TAXES (GROSS)'
      GROSSPER='PERIOD IN WHICH GROSS SALARY WAS EARNED'
      SALRYWKS='NUMBER OF WEEKS PER YEAR SALARY IS BASED'
      OTHRTYPE='TYPE OF OVERTIME PAY'
      EARNTIPS='DOES PERSON EARN TIPS'
      EARNBONS='DOES PERSON EARN BONUSES'
      EARNCOMM='DOES PERSON EARN COMMISSION'
      OTHRWAGE='OVERTIME PAY RATE PER HOUR'
      TIPSUNIT='PERIOD WHICH TIP EARNINGS ARE BASED ON'
      TIPSAMT ='HOW MUCH ARE PERSONS TIPS'
      BONSUNIT='PERIOD WHICH BONUSES ARE BASED ON'
      BONSAMT ='HOW MUCH ARE PERSONS BONUSES'
      COMMUNIT='PERIOD WHICH COMMISSIONS ARE BASED ON'
      COMMAMT ='HOW MUCH ARE PERSONS COMMISSIONS'
      HRLYWAGE='EW07/13/18 HOW MUCH PERSON MAKES/HR'
      JBEGHR  ='EM111A/105A JOB BEGIN HOUR OF DAY'
      JENDHR  ='EM111A3/105A3 JOB END HOUR OF DAY'
      JBEGMIN ='EM111A1/105A1 JOB BEGIN MINUTES'
      JENDMIN ='EM111A4/105A4 JOB END MINUTES'
      JBEGAMPM='EM111A2/105A2 JOB BEGIN AM/PM'
      JENDAMPM='EM111A5/105A5 JOB END AM/PM'
      SHIFTWK ='EM111B/105B WORK ROTATING SHIFTS'
      JOBHASHI='DOES PERSON HAVE HEALTH INS AT THIS JOB'
      STILLAT ='STILL WORK AT ESTABLISHMENT'
      SHFTCHNG='HAS A CHANGE IN SHIFT OCCURED'
      HRSALBAS='HOURS SALARY BASED ON'
      INDTCODE='INDUSTRY CODE'
      OCCPCODE='OCCUPATION CODE'
;

* VALUE STATEMENTS;
  VALUE $ JOBSID
    '00002018101'-'10597021101'='00002018101-10597021101'
    ;
  VALUE $ DUPERSI
    '00002018'-'10597021'='00002018-10597021'
    ;
  VALUE DUID
    2-10597='2-10597'
    ;
  VALUE PID
    10-164='10-164'
    ;
  VALUE RN
    1='1'
    2='2'
    3='3'
    ;
  VALUE JOBSN
    1 - 8 ='1-8'
    ;
  VALUE APXHRDAY
    -9 - -9 = '-9 NOT ASERTAINED'
    -8 - -8 = '-8 DK'
    -7 - -7 = '-7 REFUSED'
    -1 - -1 = '-1 INAPPLICABLE'
      0 - 0 = '   0'
     1 - 24 = '   1-24 HRS/DAY'
    ;
  VALUE BONSAMT (FUZZ=0.01)
     -10- -10 = '-10 HOURLY WAGE > $71.87'
      -9 - -9 = '-9 NOT ASCERTAINED'
      -8 - -8 = '-8 DK'
      -7 - -7 = '-7 REFUSED'
      -1 - -1 = '-1 INAPPLICABLE'
```

```
        0 - 0 = '   0'
0.25 - 100000 = '   0.25-100,000.00'
    ;
  VALUE BONSUNIT
    -9 - -9 = '-9 NOT ASERTAINED'
    -8 - -8 = '-8 DK'
    -7 - -7 = '-7 REFUSED'
    -1 - -1 = '-1 INAPPLICABLE'
      1 - 1 = ' 1 PER HOUR'
      2 - 2 = ' 2 PER DAY'
      3 - 3 = ' 3 PER WEEK'
      4 - 4 = ' 4 PER TWO WKS'
      5 - 5 = ' 5 PER MONTH'
      6 - 6 = ' 6 PER YEAR'
    91 - 91 = '91 OTHER'
    ;
  VALUE BUSINC
    -9 - -9 = '-9 NOT ASERTAINED'
    -8 - -8 = '-8 DK'
    -7 - -7 = '-7 REFUSED'
    -1 - -1 = '-1 INAPPLICABLE'
      1 - 1 = ' 1 YES'
      2 - 2 = ' 2 NO'
    ;
  VALUE COMMAMT (FUZZ=0.5)
    -10- -10 = '-10 HOURLY WAGE > $71.87'
     -9 - -9 = ' -9 NOT ASCERTAINED'
     -8 - -8 = ' -8 DK'
     -7 - -7 = ' -7 REFUSED'
     -1 - -1 = ' -1 INAPPLICABLE'
       0 - 0 = '    0'
  1 - 100000 = '    1.00-100,000.00'
    ;
  VALUE COMMUNIT
    -9 - -9 = '-9 NOT ASERTAINED'
    -8 - -8 = '-8 DK'
    -7 - -7 = '-7 REFUSED'
    -1 - -1 = '-1 INAPPLICABLE'
      1 - 1 = ' 1 PER HOUR'
      2 - 2 = ' 2 PER DAY'
      3 - 3 = ' 3 PER WEEK'
      4 - 4 = ' 4 PER TWO WKS'
      5 - 5 = ' 5 PER MONTH'
      6 - 6 = ' 6 PER YEAR'
    91 - 91 = '91 OTHER'
    ;
  VALUE DAYWAGE (FUZZ=0.5)
   -10- -10 = '-10 HOURLY WAGE > $71.87'
    -9 - -9 = '-9 NOT ASCERTAINED'
    -8 - -8 = '-8 DK'
    -7 - -7 = '-7 REFUSED'
    -1 - -1 = '-1 INAPPLICABLE'
      0 - 0 = '   0'
   10 - 200 = '   10.00-200.00'
    ;
  VALUE DIFFPLNS
    -9 - -9 = '-9 NOT ASERTAINED'
    -8 - -8 = '-8 DK'
    -7 - -7 = '-7 REFUSED'
    -1 - -1 = '-1 INAPPLICABLE'
      1 - 1 = ' 1 YES, GT ONE'
      2 - 2 = ' 2 NO, ONLY ONE'
    ;
  VALUE DIFFWAGE
    -9 - -9 = '-9 NOT ASERTAINED'
    -8 - -8 = '-8 DK'
    -7 - -7 = '-7 REFUSED'
    -1 - -1 = '-1 INAPPLICABLE'
      1 - 1 = ' 1 YES'
      2 - 2 = ' 2 NO'
    ;
  VALUE EARNBONS
    -9 - -9 = '-9 NOT ASERTAINED'
    -8 - -8 = '-8 DK'
    -7 - -7 = '-7 REFUSED'
    -1 - -1 = '-1 INAPPLICABLE'
      1 - 1 = ' 1 YES'
      2 - 2 = ' 2 NO'
```

```
  ;
 VALUE EARNCOMM
   -9 - -9 = '-9 NOT ASERTAINED'
   -8 - -8 = '-8 DK'
   -7 - -7 = '-7 REFUSED'
   -1 - -1 = '-1 INAPPLICABLE'
     1 - 1 = ' 1 YES'
     2 - 2 = ' 2 NO'
   ;
 VALUE EARNTIPS
   -9 - -9 = '-9 NOT ASERTAINED'
   -8 - -8 = '-8 DK'
   -7 - -7 = '-7 REFUSED'
   -1 - -1 = '-1 INAPPLICABLE'
     1 - 1 = ' 1 YES'
     2 - 2 = ' 2 NO'
   ;
 VALUE EMPLINS
   -9 - -9 = '-9 NOT ASERTAINED'
   -8 - -8 = '-8 DK'
   -7 - -7 = '-7 REFUSED'
   -1 - -1 = '-1 INAPPLICABLE'
     1 - 1 = ' 1 YES'
     2 - 2 = ' 2 NO'
   ;
 VALUE ESTMATEA
   -9 - -9 = '-9 NOT ASERTAINED'
   -8 - -8 = '-8 DK'
   -7 - -7 = '-7 REFUSED'
   -1 - -1 = '-1 INAPPLICABLE'
     1 - 1 = ' 1 1-9'
     2 - 2 = ' 2 10-25'
     3 - 3 = ' 3 26-49'
     4 - 4 = ' 4 50-100'
     5 - 5 = ' 5 101-500'
     6 - 6 = ' 6 501-1,000'
     7 - 7 = ' 7 1,001-5,000'
     8 - 8 = ' 8 5,001 +'
   ;
 VALUE GROSSPAY (FUZZ=0.5)
  -10- -10 = '-10 HOURLY WAGE > $71.87'
   -9 - -9 = '-9 NOT ASCERTAINED'
   -8 - -8 = '-8 DK'
   -7 - -7 = '-7 REFUSED'
   -1 - -1 = '-1 INAPPLICABLE'
     0 - 0 = '   0'
1 - 141000 = '   1.00-141,000.00'
   ;
 VALUE GROSSPER
   -9 - -9 = '-9 NOT ASERTAINED'
   -8 - -8 = '-8 DK'
   -7 - -7 = '-7 REFUSED'
   -1 - -1 = '-1 INAPPLICABLE'
     1 - 1 = ' 1 PER YEAR'
     2 - 2 = ' 2 PER MONTH'
     3 - 3 = ' 3 PER TWO WKS'
     4 - 4 = ' 4 PER WEEK'
   91 - 91 = '91 OTHER'
   ;
 VALUE HHMEMBER
   -9 - -9 = '-9 NOT ASERTAINED'
   -8 - -8 = '-8 DK'
   -7 - -7 = '-7 REFUSED'
   -1 - -1 = '-1 INAPPLICABLE'
     1 - 1 = ' 1 YES'
     2 - 2 = ' 2 NO'
   ;
 VALUE HOWPAID
   -9 - -9 = '-9 NOT ASERTAINED'
   -8 - -8 = '-8 DK'
   -7 - -7 = '-7 REFUSED'
   -1 - -1 = '-1 INAPPLICABLE'
     1 - 1 = ' 1 BY THE DAY'
     2 - 2 = ' 2 PIECEWORK'
     3 - 3 = ' 3 COMMISSION'
     4 - 4 = ' 4 BONUS'
     5 - 5 = ' 5 BY JOB/MILE'
   91 - 91 = '91 OTHER'
```

```
  ;
VALUE HRLYWAGE (FUZZ=0.5)
 -10- -10 = '-10 HOURLY WAGE > $71.87'
  -9 - -9 = ' -9 NOT ASCERTAINED'
  -8 - -8 = ' -8 DK'
  -7 - -7 = ' -7 REFUSED'
  -1 - -1 = ' -1 INAPPLICABLE'
    0 - 0 = '    0'
   1 - 70 = '    1.00-70.00'
  ;
VALUE HRS35WK
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 YES'
    2 - 2 = ' 2 NO'
  ;
VALUE HRSALBAS (FUZZ=0.5)
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    0 - 0 = '   0'
   1 - 20 = '   1-20'
  21 - 30 = '   21-30'
  31 - 40 = '   31-40'
  41 - 60 = '   41-60'
  61 - 80 = '   61-80'
  81 - 84 = '   81-84'
  ;
VALUE HRSPRDY (FUZZ=0.5)
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    0 - 0 = '   0'
    1 - 4 = '   1-4'
    5 - 8 = '   5-8'
   9 - 15 = '   9-15'
  ;
VALUE HRSPRWK (FUZZ=0.5)
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    0 - 0 = '   0'
   1 - 20 = '   1-20'
  21 - 30 = '   21-30'
  31 - 40 = '   31-40'
  41 - 60 = '   41-60'
  61 - 80 = '   61-80'
 81 - 120 = '   81-120'
121 - 168 = '   121-168'
  ;
VALUE $INDTCOD
         '-1' = '-1 INAPPLICABLE'
'000' - '999' = '   000-999'
  ;
VALUE INUNION
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 YES'
    2 - 2 = ' 2 NO'
  ;
VALUE $JBEGAMP
  '-1' = '-1 INAPPLICABLE'
  '-7' = '-7 REFUSED'
  '-8' = '-8 DK'
  '-9' = '-9 NOT ASERTAINED'
  'AM' = '   AM'
  'PM' = '   PM'
  ;
VALUE JBEGHR (FUZZ=0.5)
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
```

```
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    0 - 0 = '   0'
   1 - 12 = '   1-12 HOUR OF DAY'
  95 - 95 = '   95 HOURS VARIED'
  ;
VALUE JBEGMIN
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
   0 - 59 = '   0-59 MINUTES'
  ;
VALUE $JENDAMP
  '-1' = '-1 INAPPLICABLE'
  '-7' = '-7 REFUSED'
  '-8' = '-8 DK'
  '-9' = '-9 NOT ASERTAINED'
  'AM' = '   AM'
  'PM' = '   PM'
  ;
VALUE JENDHR (FUZZ=0.5)
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    0 - 0 = '   0'
   1 - 12 = '   1-12 HOUR OF DAY'
  ;
VALUE JENDMIN
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
   0 - 59 = '   0-59 MINUTES'
  ;
VALUE JOBHASHI
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 YES'
    2 - 2 = ' 2 NO'
  ;
VALUE JOBTYPE
    . - . = ' . MISSING'
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 SELF-EMPLOYED'
    2 - 2 = ' 2 FOR SOMEONE ELSE'
  ;
VALUE JSTOPD
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
   1 - 31 = '   1-31'
  ;
VALUE JSTOPM
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
   1 - 12 = '   1-12'
  ;
VALUE JSTOPY
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    0 - 0 = ' 0 STILL AT JOB'
 1924     = '   1924'
 1925     = '   1925'
 1930-1995= '   1930-1995'
 1996     = '   1996'
 1997     = '   1997'
```

```
  ;
VALUE JSTRTD
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
   1 - 31 = '   1-31'
  ;
VALUE JSTRTM
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
   1 - 12 = '   1-12'
  ;
VALUE JSTRTY
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
1930 -1990= '   1930-1990'
      1991= '   1991'
      1992= '   1992'
      1993= '   1993'
      1994= '   1994'
      1995= '   1995'
      1996= '   1996'
      1997= '   1997'
  ;
VALUE MAIN_JOB
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 YES'
    2 - 2 = ' 2 NO'
  ;
VALUE MAKEAMT (FUZZ=0.5)
       -9 - -9 = '-9 NOT ASCERTAINED'
       -8 - -8 = '-8 DK'
       -7 - -7 = '-7 REFUSED'
       -1 - -1 = '-1 INAPPLICABLE'
         0 - 0 = '   0'
 0.25 - 115000 = '   0.25-115,000.00'
  ;
VALUE MORE1J
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 GE $10'
    2 - 2 = ' 2 LT $10'
  ;
VALUE MORE1E
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 GE $15'
    2 - 2 = ' 2 LT $15'
  ;
VALUE MORELOC
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 YES'
    2 - 2 = ' 2 NO'
  ;
VALUE MOREMINM
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 GE MINIMUM WAGE'
    2 - 2 = ' 2 LT MINIMUM WAGE'
  ;
VALUE NOWTAKEI
```

```
    -9 - -9 = '-9 NOT ASERTAINED'
    -8 - -8 = '-8 DK'
    -7 - -7 = '-7 REFUSED'
    -1 - -1 = '-1 INAPPLICABLE'
      1 - 1 = ' 1 YES'
      2 - 2 = ' 2 NO'
    ;
  VALUE NUMEMPS
    -9 - -9 = '-9 NOT ASERTAINED'
    -8 - -8 = '-8 DK'
    -7 - -7 = '-7 REFUSED'
    -1 - -1 = '-1 INAPPLICABLE'
      0 - 0 = '   0'
      1 - 9 = '   1-9'
    10 - 25 = '   10-25'
    26 - 49 = '   26-49'
   50 - 100 = '   50-100'
  101 - 500 = '   101-500'
 501 - 1000 = '   501-1,000'
1001 - 5000 = '   1,001-5,000'
5001 - HIGH = '   5,001+'
    ;
  VALUE NUMFMEMB
    -9 - -9 = '-9 NOT ASERTAINED'
    -8 - -8 = '-8 DK'
```

```
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    0 - 0 = '   0'
   1 - 25 = '   1-25'
  ;
VALUE $OCCPCOD
         '-1' = '-1 INAPPLICABLE'
'000' - '999' = '   000-999'
  ;
VALUE OFFRDINS
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 YES'
    2 - 2 = ' 2 NO'
  ;
VALUE OFFTAKEI
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 YES'
    2 - 2 = ' 2 NO'
  ;
VALUE OTHRTYPE
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 DOES NOT WORK OVERTIME'
    2 - 2 = ' 2 STRAIGHT TIME'
    3 - 3 = ' 3 TIME AND A HALF'
    4 - 4 = ' 4 COMPTIME'
    5 - 5 = ' 5 EXACT AMOUNT'
  91 - 91 = '91 OTHER'
  ;
VALUE OTHRWAGE (FUZZ=0.5)
 -10- -10 = '-10 HOURLY WAGE > $71.87'
  -9 - -9 = ' -9 NOT ASCERTAINED'
  -8 - -8 = ' -8 DK'
  -7 - -7 = ' -7 REFUSED'
  -1 - -1 = ' -1 INAPPLICABLE'
    0 - 0 = '    0'
   1 - 36 = '    1.00-36.00'
  ;
VALUE OVRTIMHR (FUZZ=0.5)
  -10- -10 = '-10 HOURLY WAGE > $71.87'
   -9 - -9 = ' -9 NOT ASCERTAINED'
   -8 - -8 = ' -8 DK'
   -7 - -7 = ' -7 REFUSED'
   -1 - -1 = ' -1 INAPPLICABLE'
     0 - 0 = '    0'
1 - 475.00 = '    1.00-475.00'
  ;
VALUE PAYDRVST
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 YES'
    2 - 2 = ' 2 NO'
  ;
VALUE PAYVACTN
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 YES'
    2 - 2 = ' 2 NO'
  ;
VALUE PERUNIT
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 PER HOUR'
    2 - 2 = ' 2 PER DAY'
```

```
    3 - 3 = ' 3 PER WEEK'
    4 - 4 = ' 4 PER TWO WKS'
    5 - 5 = ' 5 PER MONTH'
    6 - 6 = ' 6 PER YEAR'
  91 - 91 = '91 OTHER'
  ;
VALUE PROPRIET
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 YES'
    2 - 2 = ' 2 NO'
  ;
VALUE PROVDINS
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 EMPLOYER'
    2 - 2 = ' 2 UNION'
    3 - 3 = ' 3 BOTH'
  ;
VALUE RECALL
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 YES'
    2 - 2 = ' 2 NO'
  ;
VALUE RETIRJOB
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 YES'
    2 - 2 = ' 2 NO'
  ;
VALUE RETIRPLN
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 YES'
    2 - 2 = ' 2 NO'
  ;
VALUE SALARIED
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 SALARIED'
    2 - 2 = ' 2 PAID BY HOUR'
    3 - 3 = ' 3 OTHER'
  ;
VALUE SALRYWKS (FUZZ=0.5)
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    0 - 0 = '   0'
   1 - 52 = '   1-52 WKS'
  ;
VALUE SHFTCHNG
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 YES'
    2 - 2 = ' 2 NO'
  ;
VALUE SHIFTWK
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 YES'
```

```
    2 - 2 = ' 2 NO'
  ;
VALUE SICKPAY
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 YES'
    2 - 2 = ' 2 NO'
  ;
VALUE STILLAT
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 YES'
    2 - 2 = ' 2 NO'
  ;
VALUE STILLWRK
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 YES'
    2 - 2 = ' 2 NO'
  ;
VALUE SUBTYPE
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 CUR MAIN JOB'
    2 - 2 = ' 2 CUR MISC JOB IN REF PD'
    3 - 3 = ' 3 FMR MAIN JOB IN REF PD'
    4 - 4 = ' 4 FMR MISC JOB IN REF PD'
    5 - 5 = ' 5 LAST JOB OUTSD REF PD'
    6 - 6 = ' 6 RETIREMENT JOB'
  ;
VALUE TIPSAMT (FUZZ=0.5)
 -10- -10 = '-10 HOURLY WAGE > $71.87'
  -9 - -9 = ' -9 NOT ASCERTAINED'
  -8 - -8 = ' -8 DK'
  -7 - -7 = ' -7 REFUSED'
  -1 - -1 = ' -1 INAPPLICABLE'
    0 - 0 = '    0'
1 - 20000 = '    1.00-20,000.00'
  ;
VALUE TIPSUNIT
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 PER HOUR'
    2 - 2 = ' 2 PER DAY'
    3 - 3 = ' 3 PER WEEK'
    4 - 4 = ' 4 PER TWO WKS'
    5 - 5 = ' 5 PER MONTH'
    6 - 6 = ' 6 PER YEAR'
  91 - 91 = '91 OTHER'
  ;
VALUE TOTLEMP
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    0 - 0 = '   0'
 1 - 8000 = '   1-8,000'
  ;
VALUE TYPEEMPL
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 PRIVATE'
    2 - 2 = ' 2 FEDERAL'
    3 - 3 = ' 3 STATE'
    4 - 4 = ' 4 LOCAL'
    5 - 5 = ' 5 ARMED FORCES'
```

```
    6 - 6 = ' 6 FOREIGN NON US GOV'
  ;
VALUE WHY_DIFF
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 PROMOTION OR DEMOTION'
    2 - 2 = ' 2 CHANGE IN RESP'
    3 - 3 = ' 3 PAY RAISE/DECREASE'
    4 - 4 = ' 4 ANUL COST OF LIVING INCR'
    5 - 5 = ' 5 NEW CONTRACT'
    6 - 6 = ' 6 CHANGE IN # HRS WRKD'
    7 - 7 = ' 7 CHANGE IN SHIFT TIME'
    8 - 8 = ' 8 RECEIVED EDU DEGREE'
    9 - 9 = ' 9 TOOK SPECIAL CLASSES'
  91 - 91 = '91 OTHER'
  ;
VALUE WHY_LEFT
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 JOB ENDED'
    2 - 2 = ' 2 BUSINESS DISOLVED OR SOLD'
    3 - 3 = ' 3 RETIRED'
    4 - 4 = ' 4 ILLNESS OR INJURY'
    5 - 5 = ' 5 LAID OFF'
    6 - 6 = ' 6 QUIT TO HAVE A BABY'
    7 - 7 = ' 7 QUIT TO GO TO SCHOOL'
    8 - 8 = ' 8 QUIT TO TAKE CARE OF HOME/FAM'
    9 - 9 = ' 9 QUIT BECAUSE WANTED TIME OFF'
  10 - 10 = '10 QUIT TO TAKE OTHER JOB'
  11 - 11 = '11 UNPAID LEAVE'
  91 - 91 = '91 OTHER'
  ;
VALUE WKLYAMT (FUZZ=0.5)
 -10- -10 = '-10 HOURLY WAGE > $71.87'
  -9 - -9 = '-9 NOT ASCERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    0 - 0 = '   0'
 1 - 2000 = '   1.00-2,000.00'
  ;
VALUE WORKSTAT
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 GE 35 HRS'
    2 - 2 = ' 2 LT 35 HRS'
  ;
VALUE YLEFT
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 JOB ENDED'
    2 - 2 = ' 2 RETIRED'
    3 - 3 = ' 3 ILLNESS OR INJURY'
    4 - 4 = ' 4 LAID OFF'
    5 - 5 = ' 5 HAVE BABY'
    6 - 6 = ' 6 SCHOOL'
    7 - 7 = ' 7 HOME CARE'
    8 - 8 = ' 8 TIME OFF'
    9 - 9 = ' 9 OTHER JOB'
  91 - 91 = '91 OTHER REASON'
  ;
VALUE YNOBUSN
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 BUSINESS SOLD'
    2 - 2 = ' 2 RETIRED'
    3 - 3 = ' 3 ILLNESS/INJURY'
    4 - 4 = ' 4 HAVE BABY'
```

```
    5 - 5 = ' 5 SCHOOL'
    6 - 6 = ' 6 HOME CARE'
    7 - 7 = ' 7 TIME OFF'
    8 - 8 = ' 8 OTHER JOB'
  91 - 91 = '91 OTHER REASON'
  ;
VALUE Y_CHANGE
  -9 - -9 = '-9 NOT ASERTAINED'
  -8 - -8 = '-8 DK'
  -7 - -7 = '-7 REFUSED'
  -1 - -1 = '-1 INAPPLICABLE'
    1 - 1 = ' 1 PROMOTION OR DEMOTION'
    2 - 2 = ' 2 CHANGE IN RESPONSIBILITIES'
    3 - 3 = ' 3 CHANGE IN AMT OF WRK BUS BRINGS'
    4 - 4 = ' 4 CHANGE IN SHIFT TIME'
    5 - 5 = ' 5 CHANGE IN # OF EMPLOYEE AVAIL'
    6 - 6 = ' 6 ILLNESS/DISABILITY'
    7 - 7 = ' 7 TEMPORARY LEAVE'
    8 - 8 = ' 8 MATERNITY/PATERNITY LEAVE'
    9 - 9 = ' 9 GOING TO SCHL/FINISHED SCHL'
  10 - 10 = '10 CHANGE IN HOME/FAM SITUATION'
  11 - 11 = '11 NEED TIME OFF/WANT WRK MORE'
  91 - 91 = '91 OTHER'
  ;
```