

README: Dataset\_Creation

Purpose: Derive analytic data files for NHA project analyses

There are 5 steps required for dataset creation:

1. Derive\_Survey\_and\_Claim (Chapters 1-3): extract and process claim and survey data by source and population
2. Within\_Impute (Chapter 4): impute for missing values in survey variables by source and population
3. Calibration (Chapters 7-8): calibration of health condition variables by population
4. HMO\_Weight\_Adjustment (Chapter 5): create weight adjustment for HMO participation, incorporate NHEA adjustment by population
5. Final\_Datasets: merge populations and finalize to create final analytic datasets

Within each there may be code for multiple sources and populations where relevant. README files provide further details of order of programs to be run within each data step.

```
/******  
Program: formats_02_01_11.sas  
Purpose: Create variable formats  
*****/  

```

```
PROC FORMAT ;
```

```
value yn_f  
    1='Yes'  
    0='No' ;
```

```
value yn2_f  
    1='Yes'  
    2='No' ;
```

```
value age_f  
    1='0-64'  
    2='65-74'  
    3='75-84'  
    4='>84' ;
```

```
value male_f  
    1='Male'  
    0='Female' ;
```

```
value race_f  
    1='White'  
    2='Black'  
    3='Hispanic'  
    4='Other' ;
```

```
value hlth_f  
    1='Excellent'  
    2='Very good'  
    3='Good'  
    4='Fair'  
    5='Poor' ;
```

```
value chlth_f  
    1='Better'  
    2='Same'  
    3='Worse' ;
```

```
value hear_f  
    1='No trouble hearing'  
    2='Little/some trouble hearing'
```

```
        3= 'Deaf'          ;

value bcbp_f
    1= '<=1 year'
    2= '<=2 years'
    3= ' <5 years'
    4= '5+ years '
    5= 'Never'  ;

value bp_f
    1= '<=1 year'
    2= '<=2 years'
    3= '2+ years'
    4= 'Never'  ;

value dif_f
    1= 'No/little difficulty'
    2= 'Some difficulty'
    3= 'Much difficulty'
    4= 'Unable to do'  ;

value dif2_f
    1= 'No difficulty'
    2= 'Difficulty'          ;

value ed_f
    1= 'Less Than 9th Grade'
    2= '9-11th Grade (Includes 12th grade with no diploma)'
    3= 'High School Grad/GED or Equivalent'
    4= 'Some College or AA degree'
    5= 'College grad or more'      ;

value marit_f
    1= 'Married'
    2= 'Widowed'
    4= 'Divorced or Separated'
    5= 'Never married'          ;

value pov_f
    1= 'Poor/Negative'
    2= 'Near Poor'
    3= 'Low Income'
    4= 'Middle Income'
    5= 'High Income'  ;

value insur_f
    1= 'Private Insurance'
```

```
    2= 'Public insurance only'
    3= 'Uninsured'      ;

value dwel_f
    1= 'One-family house detached'
    2= 'One-family house attached to other house(s)'
    3= 'Apartment'
    4= 'Mobile home or trailer'
    5= 'Other'      ;

value insco_f
    0= 'Not in RU'
    1= 'In-scope'
    2= 'Not in-scope'      ;

value tarth_f
    1= 'Rheumatoid'
    0= 'Osteo or other';

value mcadv_f
    0= 'No Coverage'
    1= '1-11 months'
    2= '12 months';

value smok_f
    0= 'Never smoker'
    1= 'Past smoker'
    2= 'Current smoker';

value heari_f
    1='Hears adequately'
    2='Hears with minimal difficulty'
    3='Hears in special situations only'
    4='Hearing is highly impaired'      ;

run;
```

```

/*-----
----- *
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*
*
* -----
----- *
* XDELETE
*
* -----
----- *
* Macro to delete a SAS format dataset
*
* -----
----- *
* Author:Fabrizio Carinci (carinci@cmns.mnegri.it) - revised from Warren
Saarle, SAS *
* Birth Date: 1995
*
* SAS 6.12 TS060 Modules: BASE
*
* Platform: Windows NT4.0
*
* First Release: March 1995
*
* Last Major revision: June 1995
*
* Modified: By IB 2001
*
* -----
----- *
* Parameters: (!=required)
*
* ! LIST list of datasets to be deleted
*
* If &list=_ALL_ the deletes all datasets in WORK library
*
* -----
----- *
* Example:
*
* %XDELETE(ONE);
*
* -----
----- */

%MACRO XDELETE(list);

  %if %bquote(&list)^= %then %do;

    %if %bquote(&list)^=ALL %then %do;
      PROC DATASETS NOLIST;
      DELETE %UNQUOTE(&LIST) / MEMTYPE=DATA;
      QUIT;
    %end;
  %end;

```

```
%End;

    %if %bquote(&list)=_ALL_ %then %do;
        PROC DATASETS library=work mtype=data kill;
        QUIT;
    %End;
%end;

%MEND XDELETE;
```