

Appendix A.

Data Dictionary

Data dictionary for SIPP 2001 Wave 8 Food Security Data File.

```
*****
*   HOUSEHOLD IDENTIFICATION VARIABLES   *
*****
```

```
D SSUID          12      1
T SU: Sample Unit Identifier
U Interviewed households
V 000000000000:999999999999 Scrambled ID
```

```
D SHHADID         3      13
T SU: HH Address ID differentiates hhlds
U Interviewed households
V 11:129      .Number
```

```
*****
*   FOOD SECURITY STATUS VARIABLES       *
*****
```

```
D AAFDSEC         1      16
T AW: Allocation Flag for RAFSRAW, RAFSSCAL, and RAFSSTAT
      Allocation flag for food security recode variables
U Interviewed households
V      0      .Not imputed
V      1      .1 or more scale variables imputed
```

```
D RAFSRAW         1      17
T AW: Food Security Raw Score
      Food security raw score (number of affirmative responses)
U Interviewed households
V      0:5    .Number of affirmative responses
```

```
D RAFSSCAL        5      18
T AW: Food Security Scale Score
      Food security scale score (Rasch)
U Interviewed households
V      -6    .No affirmative responses
V           .scale score undefined
V 3.16:
V      9.14   .Number, f5.2 format, decimal included
```

```
D RAFSSTAT        1      23
T AW: Food Security Status Category
      Food security status category
U Interviewed households
V      1      .Food-Secure
V      2      .Food-Insecure without Hunger
V      3      .Food-Insecure with Hunger
```

Appendix B

SAS Program to Read SIPP 2001 Wave 8 Food Security Data File

```
*SAS program to read ASCII SIPP 2001 Wave 8 Food Security Data File;

data temp; infile 'd:\foodsecu\sipp\sipp2001\sipp01w8fs.dat' lrecl=23;
*modify path and filename in accordance with file location in your system;

input
@1  ssuid  $ 12.      /* first two variables are to match by 2003 household
*/
@13 shhadid  3.
@16 aafdsec  1.      /* flag indicating if any of the scale variables was
imputed */
@17 rafsrw  1.      /* household food security raw score
*/
@18 rafsscal f5.2    /* household food security scale score (interval-level
measure) */
@23 rafstat  1.;    /* household food security status category (categorical
measure) */
run;

proc freq data=temp; tables aafdsec rafsrw rafsscal rafstat;
title1 'Run 10: HH in 2001 ascii public-use file, unweighted';
run;

*match this SAS data set to the SIPP 2001 Wave 8 Topical Module Data File by
SSUID and SHHADID;
```

Appendix C

SAS Code to Calculate SIPP Household Food Security Variables from Data Elements Available in the Topical Module on Adult Well-Being Data File

```
data sippfs; set [specify sas dataset name for sipp topical module source
data];
array qflag{5} aaflast aafbaln aafskip aafless aafday; *allocation flags;
array qraw{5} eaflast eafbaln eafskip eafless eafday; *food security scale
variables;
aafdsec=0; *flag for no imputation;
rafsrw=0; *raw score counter;
do q=1 to 5; *each item;
  if qflag{q} eq 1 then aafdsec=1;
  if q in (1,2) and qraw{q} in (1,2) then rafsrw=rafsrw+1;
*often/sometimes/never item;
  else if q in (3,4,5) and qraw{q} eq 1 then rafsrw=rafsrw+1; *yes/no item;
end; *of each item;
if rafsrw eq 0 then do; rafsscal=-6; rafstat=1; end;
else if rafsrw eq 1 then do; rafsscal=3.16; rafstat=1; end;
else if rafsrw eq 2 then do; rafsscal=4.39; rafstat=2; end;
else if rafsrw eq 3 then do; rafsscal=5.53; rafstat=2; end;
```

```

else if rafsraw eq 4 then do; rafsscal=7.54; rafsstat=3; end;
else if rafsraw eq 5 then do; rafsscal=9.14; rafsstat=3; end;
*scale scores are based on standard CPS 1998 item scores for the items in the
sipp scale;
*with discrimination set to 1.58 to reflect the actual discrimination of sipp
items;
run;

```

Appendix D

Frequencies of Variables in SIPP 2001 Wave 8 Food Security Data File

Run 10: HH in 2001 ascii public-use file, unweighted

The FREQ Procedure

aafdsec	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	22580	86.94	22580	86.94
1	3392	13.06	25972	100.00

rafsraw	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	22625	87.11	22625	87.11
1	1149	4.42	23774	91.54
2	1009	3.88	24783	95.42
3	389	1.50	25172	96.92
4	547	2.11	25719	99.03
5	253	0.97	25972	100.00

rafsscal	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-6	22625	87.11	22625	87.11
3.16	1149	4.42	23774	91.54
4.39	1009	3.88	24783	95.42
5.53	389	1.50	25172	96.92
7.54	547	2.11	25719	99.03
9.14	253	0.97	25972	100.00

rafsstat	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	23774	91.54	23774	91.54
2	1398	5.38	25172	96.92
3	800	3.08	25972	100.00