

TABLE OF CONTENTS

SURVEY OF INCOME AND PROGRAM PARTICIPATION (SIPP)
2001 PANEL
WAVE 1 TOPICAL MODULE MICRODATA FILES

Abstract	1-1
File Information	2-1
Index	3-1
Variable Listing	4-1
How to Use the Data Dictionary	5-1
Data Dictionary	6-1
Source and Accuracy Statement	7-1
Control Counts	8-1
Appendices	
A. Wave 1 Questionnaire	A-1
B. Working Papers	B-1
C. User Notes	C-1

ABSTRACT

Survey of Income and Program Participation (SIPP) 2001 Panel, Wave 1 Topical Module Microdata File [machine-readable data file] / conducted by the U.S. Bureau of the Census. -Washington: The Bureau [producer and distributor], 2004.

Type of File:

Microdata; unit of observation is an individual.

Universe Description:

The universe is the resident population of the United States, excluding persons living in institutions and military barracks.

Subject-Matter Description:

The file contains data primarily from the topical module portion of the questionnaire. However, for purposes of matching persons to the core file, which was released separately, the beginning of the file contains identifying information as well as some basic demographic and social characteristics that are also contained in the core file. The identifying information includes sample unit, household address, and entry address identification. Demographic and social characteristics include age, sex, race (White; Black; American Indian, Eskimo, and Aleut; Asian or Pacific Islander), ethnic origin (34 categories including 9 Spanish origin categories), marital status, and education. Data in this topical module file include asset, liabilities, and eligibility, medical expenses/utilization of health care - adult and children, work related expenses, child support paid, and children's well-being.

The sample consists of 4 rotation groups, each interviewed in a different month from February 2001 to May 2001. For each group the reference period for reporting labor force activity and income is the four calendar months preceding the interview month.

SIPP is a longitudinal survey where each sampled household and each descendent household is reinterviewed at 4-month intervals for 9 interviews or "waves." This file contains the results of the **first** interview. Unique codes are included on each record to allow linking together the same persons from the preceding and subsequent waves.

Geographic Coverage:

United States. Codes are included for 45 individual States and the District of Columbia, **although the sample was not designed to produce State estimates**. Areas in the SIPP sample in five States are identified in two groups for confidentiality reasons. The file identifies a subsample of metropolitan residents, along with codes for selected metropolitan statistical areas (MSA's) and consolidated metropolitan statistical areas (CMSA's).

Technical Description:

File Structure: Rectangular. Each logical record for a sampled person includes information on the household and family of which the person was a part during each month of the reference period, as well as characteristics of the person.

File Size: 90,408 logical records; 348 character logical record length.

File Sort Sequence of Sample Units: Sampling unit identification number by entry address ID and person number within sampling unit.

Reference Materials:

Survey of Income and Program Participation (SIPP) 2001 Panel, Wave 1 Topical Module Microdata File Technical Documentation. The documentation includes this abstract, the data dictionary, an index to the data dictionary, relevant code lists, questionnaire facsimiles, and general information on SIPP.

Survey of Income and Program Participation Users' Guide. *The Users' Guide* contains a general overview of the file as well as chapters on survey design and content, structure and use of cross-sectional files, linking waves and reliability of the data. Additional copies are available from Marketing Services Office, Customer Services Center, Bureau of the Census, Washington, DC 20233.

Related Printed Reports:

Related printed reports include working papers, compilations of papers presented at annual meetings of the American Statistical Association, articles appearing in the *Journal of Economic and Social Measurement*, and reports in the P-70 series of the Current Population Reports.

Related Machine-Readable Data Files:

SIPP files from all Waves of the 1984 through 1993 Panels, and 1996 Panel, 2001 Wave 1 is available from Customer Services Center, Marketing Services Office, Bureau of the Census, Washington, D.C. 20233. Some files (1990 - 1993) may be downloaded in ASCII from the Data Extraction System (DES) SURVEY-ON-CALL at <http://www.census.gov/DES/www/welcome.html> Files (1996 forward) may be downloaded from the Federal Electronic Research and Review Extraction Tool (FERRET) at <http://www.ferret.bls.census.gov/cgi-bin/ferret>

File Availability:

Files are available on CD-ROM. Pricing information is available from Customer Services (301) 763-INFO (4636) ([order form](#) attached). This file also may be downloaded from the Federal Electronic Research and Review Extraction Tool (FERRET) at <http://www.ferret.bls.census.gov/cgi-bin/ferret>

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FILE INFORMATION

Matching Topical Module File with Core File

Since the core and topical module data are released as separate files, it may be necessary to match the two files. The two files contain the following information for linking purposes.

SSUID	Scrambled sample unit identifier
SPANEL	Panel year
SWAVE	Wave of data collection
SROTATION	Rotation of data collection
TFIPSST - FIPS	State code for the fifth month
EOUTCOME	Interview status code for the fifth month
SHHADID	Household address ID in the fourth reference month
SINTHHID	Household address ID of person in interview month
RFID	Family ID number in month four
RFID2	Family ID excluding related subfamily members
EPPIDX	Person index
EENTAID	Address ID of household where person entered sample
EPPNUM	Person number
EPOPSTAT	Population status based on age in fourth reference month
EPPINTVW	Person's interview status at time of interview
EPPMIS4	Person's fourth month interview status
ESEX	Sex of this person
ERACE	Race of this person
EORIGIN	Origin of this person
EFINWGT	Person weight
ERRP	Household relationship
EMS	Marital status
EPNMON	Person number of mother
EPNDAD	Person number of father
EPNGUARD	Person number of guardian
EPNSPOUS	Person number of spouse
RDESGPNT	Designated parent or guardian flag
TAGE	Age as of last birthday at the end of the fourth month
EEDUCATE	Highest degree received or grade completed

Geographic Coverage

State codes are shown except for five States which are identified in two groups. A subsample of metropolitan residents is identified along with codes for selected metropolitan statistical areas (MSA's) and consolidated metropolitan statistical areas (CMSA's). **The sample was not designed to produce State or MSA/CMSA level estimates.** State codes are primarily useful in relating a respondent's reciprocity of benefits to thresholds which may vary from State to State. MSA/CMSA codes may be used in relating respondent characteristics with contextual variables.

Identification Number System

The SIPP identification scheme is designed to uniquely identify individuals in each wave, provide a means of linking the same individuals over time, and group individuals into households and families over time.

The various components of the identification scheme are listed below:

SSUID	Sample Unit Identification Number
SINTHHID	Address ID
EENTAID	Entry Address ID
EPPPNUM	Person Number

The sample unit identification number was created by scrambling together the PSU, segment, and serial numbers used for Census Bureau administrative purposes. This identifier is constructed the same way on each wave regardless of moves, to enable matching from wave to wave.

The two-digit address ID code identifies each household associated with the same sample unit identification number. The first digit of the address ID code indicates the wave in which that address was first assigned for interview. The second digit sequentially numbers multiple households that have the same serial number. The address ID code is 11 for all sample addresses that are the same as in Wave 1. As SIPP sample persons move to new addresses, new address ID codes are assigned. Any new address to which sample unit members moved during Wave 4 is numbered in the 40's.

The person ID is a five-digit number consisting of the two-digit entry address ID and a three-digit person number. Person numbers 101, 102, etc., are assigned in Wave 1; 201, 202, etc., are assigned to persons added to the roster in Wave 2, and so forth. This five-digit number is not changed or updated, regardless of moves.

The sampling unit serial number and address ID code uniquely identifies each household in any given wave. The sampling unit serial number can link all households in subsequent waves back to the original Wave 1 household.

Topcoding of Income Variables

To protect against the possibility that a user might recognize the identity of a SIPP respondent with very high income, income from every source is "topcoded" so that no individual income amounts above \$150,000 are revealed. While the data dictionary indicates a topcode of 50,000 for monthly income, this topcode will rarely be used. In most cases the monthly income is shown as an individual dollar amount of \$12,500, with \$12,500 actually representing "\$12,500 or more." (the \$150,000 annual income topcode is \$12,500 multiplied by 12 months). Individual monthly amounts above \$12,500 may occasionally be shown if the respondent's income varied considerably from month to month, as long as the average does not exceed \$12,500. For example, if a respondent's income from a single job were concentrated in only one of the four reference months, a figure as high as \$50,000 could be shown. (Income from interest or property have lower topcodes).

Summary income figures on the person, family, and household records are simple sums of the components shown on the file after topcoding, and are not independently topcoded. Thus, a person with high income from several sources (jobs, businesses, property) could have aggregate monthly income well over the topcode for each source. Families and households with a number of high income members could theoretically have aggregate income shown well over \$150,000, though well below the \$1.5 million shown as the highest allowable value in the data dictionary.

The user is cautioned against trying to make much use of the occasional monthly figures above \$12,500, except in calculating aggregates or observing patterns across the 4-month period for a single individual, family, or household. Those units with higher monthly amounts shown are a biased sample of high income units, more likely to include units with income from multiple sources than other units with equally high aggregate income which comes from a single source.

INDEX TO 2001 WAVE 1 TOPICAL MODULE FILES

Key to Concept Labels

AHI - Embedded Health Insurance Topical Module Variables
 ED - Education Variables
 EMP - Employment History Topical Module Variables
 FA - Family Variables
 HH - Household Variables
 PE - Person, Demographic, and Coverage Variables
 RC - Embedded Reciprocity History Topical Module Variables
 REC - Reciprocity History Topical Module Variables
 SU - Sample Unit Variables
 WW - Weighting Variables

<u>Description</u>	<u>Variable</u>	<u>Position</u>
AHI: Allocation flag for ECDBEGMO	ACDBEGMO	245 - 245
AHI: Allocation flag for EHIALLCV	AHIALLCV	248 - 248
AHI: Allocation flag for EHICVMTH	AHICVMTH	267 - 267
AHI: Allocation flag for EHIEVRCV	AHIEVRCV	259 - 259
AHI: Allocation flag for EHINOMTH	AHINOMTH	256 - 256
AHI: Allocation flag for TCDBEGYR	ACDBEGYR	242 - 242
AHI: Allocation flag for THICVYR	AHICVYR	264 - 264
AHI: Allocation flag for THINOYR	AHINOYR	253 - 253
AHI: Has ... always been covered by health insurance?	EHIALLCV	246 - 247
AHI: Has ... ever been covered by health insurance?	EHIEVRCV	257 - 258
AHI: In what mnth was ... last not covered by health ins?	EHINOMTH	254 - 255
AHI: In what month did ... become covered by Medicaid?	ECDBEGMO	243 - 244
AHI: In what month was ... last covered by health ins	EHICVMTH	265 - 266
AHI: In what year did ... become covered by Medicaid?	TCDBEGYR	238 - 241
AHI: In what year was ... last covered by health ins	THICVYR	260 - 263
AHI: In what year was ... last not covered by health ins?	THINOYR	249 - 252
AHI: Universe indicator.	EAHUNV	236 - 237
ED: Highest Degree received or grade completed	EEDUCATE	93 - 94
EMP: (Before 1st ref mnth) mnth last wrk at pd jb or bs	EPRVJBMN	283 - 284
EMP: (Before 1st ref mnth) yr last work at pd jb or bs	TPRVJBYR	278 - 281
EMP: 1st of 2+ spells ...caring for child, eld, or disab	EFRSTRSN	344 - 345
EMP: Allocation flag for ENWRESN	ANWRESN	327 - 327
EMP: Allocation flag for EYRSINC2	AYRSINC2	308 - 308
EMP: Allocation flag for TFSTYRFR	AFSTYRFR	338 - 338
EMP: Allocation flag for TFSTYRTO	AFSTYRTO	343 - 343
EMP: Allocation flag for TMAKMNYR	AMAKMNYR	298 - 298
EMP: Allocation flag for ECNTOTHR	ACNTOTHR	333 - 333
EMP: Allocation flag for EFRMRMN	AFRMRMN	293 - 293
EMP: Allocation flag for EFRSTRSN	AFRSTRSN	346 - 346
EMP: Allocation flag for ELSTWRKM	ALSTWRKM	277 - 277
EMP: Allocation flag for EMNRESON	AMNRESON	301 - 301
EMP: Allocation flag for EOFF6MTN	AOFF6MTN	314 - 314
EMP: Allocation flag for EOTHTIME	AOTHTIME	330 - 330
EMP: Allocation flag for EPRVJBMN	APRVJBMN	285 - 285
EMP: Allocation flag for EWRK35HR	AWRK35HR	311 - 311
EMP: Allocation flag for EYRSINCE	AYRSINCE	304 - 304

<u>Description</u>	<u>Variable</u>	<u>Position</u>
EMP: Allocation flag for TFRMRYR	AFRMRYR	290 - 290
EMP: Allocation flag for TLSTWRKY	ALSTWRKY	274 - 274
EMP: Allocation flag for TNOWRKFR	ANOWRKFR	319 - 319
EMP: Allocation flag for TNOWRKTO	ANOWRKTO	324 - 324
EMP: Allocation flag for TPRVJBYR	APRVJBYR	282 - 282
EMP: Did ... wk 6 strght mo ea yr since starting wk	EYRSINCE	302 - 303
EMP: Did not wrk b/c was caring for child,elder,disable	EOFF6MTN	312 - 313
EMP: End year, first spell of caregiving	TFSTYRTO	339 - 342
EMP: Has ... generally worked 35 or more hours per week	EWRK35HR	309 - 310
EMP: Has...stopped working to become caregiver 2+ times	EOTHTIME	328 - 329
EMP: How many other brk in labr force b/c of care givng	ECNTOTHR	331 - 332
EMP: How many years has ... not worked 6 straight months	EYRSINC2	305 - 307
EMP: Main reason never wrk 6 mos at a pd job or business	EMNRESON	299 - 300
EMP: Month ... started the job or business	EFRMRMN	291 - 292
EMP: Month last worked at a paid job or business	ELSTWRKM	275 - 276
EMP: Most recent time period this happened (report beg.)	TNOWRKFR	315 - 318
EMP: Most recent time period this happened(report end)	TNOWRKTO	320 - 323
EMP: Start year, first spell of caregiving	TFSTYRFR	334 - 337
EMP: Universe indicator.	EAEMUNV	268 - 269
EMP: Which was ...taking care of; child,elderly,disabled	ENWRESN	325 - 326
EMP: Year ... started last paid job or business	TFRMRYR	286 - 289
EMP: Year last worked at a paid job or business	TLSTWRKY	270 - 273
EMP: Yr ... 1st wrk 6 straight mnths at some job or bus	TMAKMNYR	294 - 297
FA: Family ID Number in month four	RFID	36 - 38
FA: Family ID excluding related subfamily members	RFID2	39 - 41
HH: Interview Status code for fifth month household	EOUTCOME	33 - 35
PE: Address ID of hhld where person entered sample	EENTAID	45 - 47
PE: Age as of last birthday	TAGE	72 - 73
PE: Designated parent or guardian flag	RDESGPNT	91 - 92
PE: Household relationship	ERRP	70 - 71
PE: Marital status	EMS	74 - 74
PE: Origin of this person	EORIGIN	58 - 59
PE: Person index	EPPIDX	42 - 44
PE: Person longitudinal key	LGTKEY	95 - 102
PE: Person number	EPPPNUM	48 - 51
PE: Person number of father	EPNDAD	83 - 86
PE: Person number of guardian	EPNGUARD	87 - 90
PE: Person number of mother	EPNMOM	79 - 82
PE: Person number of spouse	EPNSPOUS	75 - 78
PE: Person's 4th month interview status	EPPMIS4	55 - 55
PE: Person's interview status at time of interview	EPPINTVW	53 - 54
PE: Population status based on age in fourth ref. month	EPOPSTAT	52 - 52
PE: Race of this person	ERACE	57 - 57
PE: Sex of this person	ESEX	56 - 56
RC: Allocation flag for mnth started child's SS payment	AKCOVB1M	136 - 136
RC: Allocation flag for month started child's Fed SSI	AKCOVB3M	144 - 144
RC: Allocation flag for month started child's State SSI	AKCOVB4M	152 - 152
RC: Allocation flag for year started child's Fed SSI	AKCOVB3Y	141 - 141
RC: Allocation flag for year started child's State SSI	AKCOVB4Y	149 - 149
RC: Allocation flag for yr started child's SS payments	AKCOVB1Y	133 - 133
RC: Month applied for Food Stamps	EFBG120M	121 - 122

SIPP 2001 WAVE 1 TOPICAL MODULE FILES

	<u>Description</u>	<u>Variable</u>	<u>Position</u>
RC:.....	Month applied for Food Stamps allocation flag	AFBG120M	123 - 123
RC:.....	Month applied for WIC	EWBG120M	113 - 114
RC:.....	Month applied for WIC allocation flag	AWBG120M	115 - 115
RC:.....	Month applied for public assistance	EYBG120M	105 - 106
RC:.....	Month applied for public assistance allocation flag	AYBG120M	107 - 107
RC:.....	Month started Federal SSI for child	EKCOVB3M	142 - 143
RC:.....	Month started Social Security payments for child	EKCOVB1M	134 - 135
RC:.....	Month started State SSI for child	EKCOVB4M	150 - 151
RC:.....	Universe indicator.	ERCUNV	103 - 104
RC:.....	Year applied for Food Stamps	TFBG120Y	124 - 127
RC:.....	Year applied for Food Stamps allocation flag	AFBG120Y	128 - 128
RC:.....	Year applied for WIC	TWBG120Y	116 - 119
RC:.....	Year applied for WIC allocation flag	AWBG120Y	120 - 120
RC:.....	Year applied for public assistance	TYBG120Y	108 - 111
RC:.....	Year applied for public assistance allocation flag	AYBG120Y	112 - 112
RC:.....	Year started Federal SSI for child	TKCOVB3Y	137 - 140
RC:.....	Year started Social Security payments for child	TKCOVB1Y	129 - 132
RC:.....	Year started State SSI for child	TKCOVB4Y	145 - 148
REC:.....	Allocation flag for EAFDCLM	AAFDCCLM	202 - 202
REC:.....	Allocation flag for EAFDCSTM	AAFDCSTM	194 - 194
REC:.....	Allocation flag for EAPLAFDC	AAPLAFDC	188 - 188
REC:.....	Allocation flag for EAPLAFDC	ACURAFDC	185 - 185
REC:.....	Allocation flag for EAPLAFDC	ACURSSI	213 - 213
REC:.....	Allocation flag for EAPLFS	AAPLFS	160 - 160
REC:.....	Allocation flag for ECURFS	ACURFS	157 - 157
REC:.....	Allocation flag for EFSLM	AFSLM	174 - 174
REC:.....	Allocation flag for EFSSTRMN	AFSSTRMN	166 - 166
REC:.....	Allocation flag for ERCVAFDC	ARCVAFDC	191 - 191
REC:.....	Allocation flag for ERECVFS	ARECVFS	163 - 163
REC:.....	Allocation flag for ESSISTRM	ASSISTRM	222 - 222
REC:.....	Allocation flag for TAFDCLY	AAFDCLY	207 - 207
REC:.....	Allocation flag for TAFDCSTY	AAFDCSTY	199 - 199
REC:.....	Allocation flag for TAFDCTIM	AAFDCCTIM	210 - 210
REC:.....	Allocation flag for TFSLY	AFSLY	179 - 179
REC:.....	Allocation flag for TFSSTRYR	AFSSTRYR	171 - 171
REC:.....	Allocation flag for TFSTIMES	AFSTIMES	182 - 182
REC:.....	Allocation flag for TSSILY	ASSILY	235 - 235
REC:.....	Allocation flag for TSSISTRY	ASSISTRY	227 - 227
REC:.....	Any other time authorized to receive SSI	ECURSSI	211 - 212
REC:.....	Any other time authorized to receive public assist	ECURAFDC	183 - 184
REC:.....	Authorized to receive AFDC, TANF, or State Named	ERCVAFDC	189 - 190
REC:.....	Authorized to receive Food Stamps	ERECVFS	161 - 162
REC:.....	Authorized to receive SSI	ERECVSSI	217 - 218
REC:.....	Authorized to receive SSI allocation flag	ARECVSSI	219 - 219
REC:.....	Ever applied for AFDC, TANF, or State Named Program	EAPLAFDC	186 - 187
REC:.....	Ever applied for Food Stamp Program	EAPLFS	158 - 159
REC:.....	Ever applied for SSI allocation flag	AAPLSSI	216 - 216
REC:.....	Ever applied for SSI program	EAPLSSI	214 - 215
REC:.....	Last mnth received AFDC, TANF, or St Named Benefits	EAFDCLM	200 - 201
REC:.....	Length of time received SSI(months)	ESSILM	228 - 229
REC:.....	Length of time received SSI(years)	TSSILY	231 - 234

INDEX

	<u>Description</u>	<u>Variable</u>	<u>Position</u>
REC:	Length of time received SSI(years) allocation flg	ASSILM	230 - 230
REC:	Length of time received food stamp(months)	EFSLM	172 - 173
REC:	Length of time received food stamp(years)	TFSLY	175 - 178
REC:	Month first received AFDC/ADC benefits	EAFDCSTM	192 - 193
REC:	Month first received SSI benefits	ESSISTRM	220 - 221
REC:	Month first received food stamp	EFSSTRMN	164 - 165
REC:	Number of times received AFDC, TANF, or State Named	TAFDCTIM	208 - 209
REC:	Number of times received food stamps	TFSTIMES	180 - 181
REC:	Other Times When Authorized to Receive Food Stamps	ECURFS	155 - 156
REC:	Universe indicator.	EARCUNV	153 - 154
REC:	Year 1st received AFDC, TANF, or State Named Prog	TAFDCSTY	195 - 198
REC:	Year first received SSI benefits	TSSISTRY	223 - 226
REC:	Year first received food stamp	TFSSTRYR	167 - 170
REC:	Year last received AFDC, TANF, or State Named	TAFDCLY	203 - 206
SU:	FIPS State Code for fifth month household	TFIPSST	25 - 26
SU:	Hhld Address ID in fourth reference month	SHHADID	27 - 29
SU:	Hhld Address ID of person in interview month	SINTHHID	30 - 32
SU:	Rotation of data collection	SROTATON	24 - 24
SU:	Sample Code - Indicates Panel Year	SPANEL	18 - 21
SU:	Sample Unit Identifier	SSUID	6 - 17
SU:	Sequence Number of Sample Unit - Primary Sort Key	SSUSEQ	1 - 5
SU:	Wave of data collection	SWAVE	22 - 23
WW:	Person weight	WPFINWGT	60 - 69

ALPHABETICAL VARIABLE LISTING TO 2001 WAVE 1 TOPICAL MODULE FILES

Key to Concept Labels

- AHI - Embedded Health Insurance Topical Module Variables
- ED - Education Variables
- EMP - Employment History Topical Module Variables
- FA - Family Variables
- HH - Household Variables
- PE - Person, Demographic, and Coverage Variables
- RC - Embedded Reciprocity History Topical Module Variables
- REC - Reciprocity History Topical Module Variables
- SU - Sample Unit Variables
- WW - Weighting Variables

<u>Variable</u>	<u>Description</u>	<u>Position</u>
AAFDCLM	REC: Allocation flag for EAFDCLM	202 - 202
AAFDCLY	REC: Allocation flag for TAFDCLY	207 - 207
AAFDICSTM	REC: Allocation flag for EAFDICSTM	194 - 194
AAFDICSTY	REC: Allocation flag for TAFDICSTY	199 - 199
AAFDICTIM	REC: Allocation flag for TAFDICTIM	210 - 210
AAPLAFDC	REC: Allocation flag for EAPLAFDC	188 - 188
AAPLFS	REC: Allocation flag for EAPLFS	160 - 160
AAPLSSI	REC: Ever applied for SSI allocation flag	216 - 216
ACDBEGMO	AHI: Allocation flag for ECDBEGMO	245 - 245
ACDBEGYR	AHI: Allocation flag for TCDBEGYR	242 - 242
ACNTOTHR	EMP: Allocation flag for ECNTOTHR	333 - 333
ACURAFDC	REC: Allocation flag for EAPLAFDC	185 - 185
ACURFS	REC: Allocation flag for ECURFS	157 - 157
ACURSSI	REC: Allocation flag for EAPLAFDC	213 - 213
AFBG120M	RC: Month applied for Food Stamps allocation flag	123 - 123
AFBG120Y	RC: Year applied for Food Stamps allocation flag	128 - 128
AFRMRMN	EMP: Allocation flag for EFRMRMN	293 - 293
AFRMRYR	EMP: Allocation flag for TFRMRYR	290 - 290
AFRSTRSN	EMP: Allocation flag for EFRSTRSN	346 - 346
AFSLM	REC: Allocation flag for EFSLM	174 - 174
AFSLY	REC: Allocation flag for TFSLY	179 - 179
AFSSTRMN	REC: Allocation flag for EFSSTRMN	166 - 166
AFSSTRYR	REC: Allocation flag for TFSSTRYR	171 - 171
AFSTIMES	REC: Allocation flag for TFSTIMES	182 - 182
AFSTYRFR	EMP: Allocation flag for TFSTYRFR	338 - 338
AFSTYRTO	EMP: Allocation flag for TFSTYRTO	343 - 343
AHIALLCV	AHI: Allocation flag for EHIALLCV	248 - 248
AHICVMTH	AHI: Allocation flag for EHICVMTH	267 - 267
AHICVYR	AHI: Allocation flag for THICVYR	264 - 264
AHIEVRCV	AHI: Allocation flag for EHIEVRCV	259 - 259
AHINOMTH	AHI: Allocation flag for EHINOMTH	256 - 256
AHINOYR	AHI: Allocation flag for THINOYR	253 - 253
AKCOVB1M	RC: Allocation flag for mnth started child's SS payment	136 - 136
AKCOVB1Y	RC: Allocation flag for yr started child's SS payments	133 - 133

VARIABLE LISTING

<u>Variable</u>		<u>Description</u>	<u>Position</u>
AKCOVB3M	RC:	Allocation flag for month started child's Fed SSI	144 - 144
AKCOVB3Y	RC:	Allocation flag for year started child's Fed SSI	141 - 141
AKCOVB4M	RC:	Allocation flag for month started child's State SSI	152 - 152
AKCOVB4Y	RC:	Allocation flag for year started child's State SSI	149 - 149
ALSTWRKM	EMP:	Allocation flag for ELSTWRKM	277 - 277
ALSTWRKY	EMP:	Allocation flag for TLSTWRKY	274 - 274
AMAKMNYR	EMP:	Allocation flag for TMAKMNYR	298 - 298
AMNRESON	EMP:	Allocation flag for EMNRESON	301 - 301
ANOWRKFR	EMP:	Allocation flag for TNOWRKFR	319 - 319
ANOWRKTO	EMP:	Allocation flag for TNOWRKTO	324 - 324
ANWRESN	EMP:	Allocation flag for ENWRESN	327 - 327
AOFF6MTN	EMP:	Allocation flag for EOFF6MTN	314 - 314
AOTHTIME	EMP:	Allocation flag for EOTHTIME	330 - 330
APRVJBMN	EMP:	Allocation flag for EPRVJBMN	285 - 285
APRVJBYR	EMP:	Allocation flag for TPRVJBYR	282 - 282
ARCVAFDC	REC:	Allocation flag for ERCVAFDC	191 - 191
ARECVFS	REC:	Allocation flag for ERECVFS	163 - 163
ARECVSSI	REC:	Authorized to receive SSI allocation flag	219 - 219
ASSILM	REC:	Length of time received SSI(years) allocation flg	230 - 230
ASSILY	REC:	Allocation flag for TSSILY	235 - 235
ASSISTRM	REC:	Allocation flag for ESSISTRM	222 - 222
ASSISTRY	REC:	Allocation flag for TSSISTRY	227 - 227
AWBG120M	RC:	Month applied for WIC allocation flag	115 - 115
AWBG120Y	RC:	Year applied for WIC allocation flag	120 - 120
AWRK35HR	EMP:	Allocation flag for EWRK35HR	311 - 311
AYBG120M	RC:	Month applied for public assistance allocation flag	107 - 107
AYBG120Y	RC:	Year applied for public assistance allocation flag	112 - 112
AYRSINC2	EMP:	Allocation flag for EYRSINC2	308 - 308
AYRSINCE	EMP:	Allocation flag for EYRSINCE	304 - 304
EAEMUNV	EMP:	Universe indicator.	268 - 269
EAFDCLM	REC:	Last mnth received AFDC, TANF, or St Named Benefits	200 - 201
EAFDCSTM	REC:	Month first received AFDC/ADC benefits	192 - 193
EahiUNV	AHI:	Universe indicator.	236 - 237
EAPLAFDC	REC:	Ever applied for AFDC, TANF, or State Named Program	186 - 187
EAPLFS	REC:	Ever applied for Food Stamp Program	158 - 159
EAPLSSI	REC:	Ever applied for SSI program	214 - 215
EARCUNV	REC:	Universe indicator.	153 - 154
ECDBEGMO	AHI:	In what month did ... become covered by Medicaid?	243 - 244
ECNTOTHR	EMP:	How many other brk in labr force b/c of care givng	331 - 332
ECURAFDC	REC:	Any other time authorized to recieve public assist	183 - 184
ECURFS	REC:	Other Times When Authorized to Receive Food Stamps	155 - 156
ECURSSI	REC:	Any other time authorized to recieve SSI	211 - 212
EEDUCATE	ED:	Highest Degree received or grade completed	93 - 94
EENTAID	PE:	Address ID of hhlld where person entered sample	45 - 47
EFBG120M	RC:	Month applied for Food Stamps	121 - 122
EFRMRMN	EMP:	Month ... started the job or business	291 - 292
EFRSTRSN	EMP:	1st of 2+ spells ...caring for child, eld, or disab	344 - 345
EFSLM	REC	: Length of time received food stamp(months)	172 - 173
EFSSTRMN	REC:	Month first received food stamp	164 - 165
EHIALLCV	AHI:	Has ... always been covered by health insurance?	246 - 247
EHICVMTH	AHI:	In what month was ... last covered by health ins	265 - 266

SIPP 2001 WAVE 1 TOPICAL MODULE FILES

<u>Variable</u>		<u>Description</u>	<u>Position</u>
EHIEVRCV	AHI:	Has ... ever been covered by health insurance?	257 - 258
EHINOMTH	AHI:	In what mnth was ... last not covered by health ins?	254 - 255
EKCOVB1M	RC:	Month started Social Security payments for child	134 - 135
EKCOVB3M	RC:	Month started Federal SSI for child	142 - 143
EKCOVB4M	RC:	Month started State SSI for child	150 - 151
ELSTWRKM	EMP:	Month last worked at a paid job or business	275 - 276
EMNRESO	EMP:	Main reason never wrk 6 mos at a pd job or business	299 - 300
EMS	PE:	Marital status	74 - 74
ENWRESN	EMP:	Which was ...taking care of; child,elderly,disabled	325 - 326
EOFF6MTN	EMP:	Did not wrk b/c was caring for child,elder,disable	312 - 313
EORIGIN	PE:	Origin of this person	58 - 59
EOTHTIME	EMP:	Has...stopped working to become caregiver 2+ times	328 - 329
EOUTCOME	HH:	Interview Status code for fifth month household	33 - 35
EPNDAD	PE:	Person number of father	83 - 86
EPNGUARD	PE:	Person number of guardian	87 - 90
EPNMOM	PE:	Person number of mother	79 - 82
EPNSPOUS	PE:	Person number of spouse	75 - 78
EPOPSTAT	PE:	Population status based on age in fourth ref. month	52 - 52
EPPIDX	PE:	Person index	42 - 44
EPPINTVW	PE:	Person's interview status at time of interview	53 - 54
EPPMIS4	PE:	Person's 4th month interview status	55 - 55
EPPPNUM	PE:	Person number	48 - 51
EPRVJBMN	EMP:	(Before 1st ref mnth) mnth last wrk at pd jb or bs	283 - 284
ERACE	PE:	Race of this person	57 - 57
ERCUNV	RC:	Universe indicator.	103 - 104
ERCVAFDC	REC:	Authorized to receive AFDC, TANF, or State Named	189 - 190
ERECVFS	REC:	Authorized to receive Food Stamps	161 - 162
ERECVSSI	REC:	Authorized to receive SSI	217 - 218
ERRP	PE:	Household relationship	70 - 71
ESEX	PE:	Sex of this person	56 - 56
ESSILM	REC:	Length of time received SSI(months)	228 - 229
ESSISTRM	REC:	Month first received SSI benefits	220 - 221
EWBG120M	RC:	Month applied for WIC	113 - 114
EWRK35HR	EMP:	Has ... generally worked 35 or more hours per week	309 - 310
EYBG120M	RC:	Month applied for public assistance	105 - 106
EYRSINC2	EMP:	How many years has ... not worked 6 straight months	305 - 307
EYRSINCE	EMP:	Did ... wk 6 strght mo ea yr since starting wk	302 - 303
LGTKEY	PE:	Person longitudinal key	95 - 102
RDESGPNT	PE:	Designated parent or guardian flag	91 - 92
RFID	FA:	Family ID Number in month four	36 - 38
RFID2	FA:	Family ID excluding related subfamily members	39 - 41
SHHADID	SU:	Hhld Address ID in fourth reference month	27 - 29
SINTHHID	SU:	Hhld Address ID of person in interview month	30 - 32
SPANEL	SU:	Sample Code - Indicates Panel Year	18 - 21
SROTATON	SU:	Rotation of data collection	24 - 24
SSUID	SU:	Sample Unit Identifier	6 - 17
SSUSEQ	SU:	Sequence Number of Sample Unit - Primary Sort Key	1 - 5
SWAVE	SU:	Wave of data collection	22 - 23
TAFDCLY	REC:	Year last received AFDC, TANF, or State Named	203 - 206
TAFDCSTY	REC:	Year 1st received AFDC, TANF, or State Named Prog	195 - 198
TAFDCTIM	REC:	Number of times received AFDC, TANF, or State Named	208 - 209

VARIABLE LISTING

<u>Variable</u>		<u>Description</u>	<u>Position</u>
TAGE	PE:	Age as of last birthday	72 - 73
TCDBEGYR	AHI:	In what year did ... become covered by Medicaid?	238 - 241
TFBG120Y	RC:	Year applied for Food Stamps	124 - 127
TFIPSST	SU:	FIPS State Code for fifth month household	25 - 26
TFRMRYR	EMP:	Year ... started last paid job or business	286 - 289
TFSLY	REC:	Length of time received food stamp(years)	175 - 178
TFSSTRYR	REC:	Year first received food stamp	167 - 170
TFSTIMES	REC:	Number of times received food stamps	180 - 181
TFSTYRFR	EMP:	Start year, first spell of caregiving	334 - 337
TFSTYRTO	EMP:	End year, first spell of caregiving	339 - 342
THICVYR	AHI:	In what year was ... last covered by health ins	260 - 263
THINOYR	AHI:	In what year was ... last not covered by health ins?	249 - 252
TKCOVB1Y	RC:	Year started Social Security payments for child	129 - 132
TKCOVB3Y	RC:	Year started Federal SSI for child	137 - 140
TKCOVB4Y	RC:	Year started State SSI for child	145 - 148
TLSTWRKY	EMP:	Year last worked at a paid job or business	270 - 273
TMAKMNYR	EMP:	Yr ... 1st wrk 6 straight mnths at some job or bus	294 - 297
TNOWRKFR	EMP:	Most recent time period this happened (report beg.)	315 - 318
TNOWRKTO	EMP:	Most recent time period this happened(report end)	320 - 323
TPRVJBYR	EMP:	(Before 1st ref mnth) yr last work at pd jb or bs	278 - 281
TSSILY	REC:	Length of time received SSI(years)	231 - 234
TSSISTRY	REC:	Year first received SSI benefits	223 - 226
TWBG120Y	RC:	Year applied for WIC	116 - 119
TYBG120Y	RC:	Year applied for public assistance	108 - 111
WPFINWGT	VV:	Person weight	60 - 69

HOW TO USE THE DATA DICTIONARY

The Data Dictionary describes the file contents and provides locations for each variable (record layout of the public-use computer tape file.) The first line ("D" Line) of each data item description gives the variable name, size of the data field, and the begin position of that field. The components include a short mnemonic or field name for use with software packages; field size; starting position; and a description of field contents with possible values.

The next few lines contain descriptive text and any applicable notes. Categorical value codes and labels are given where needed. Comment notes marked by an (*) are provided throughout for the rest of the dictionary components. Comments should be removed from the machine-readable version of the data dictionary before using it to help access the data file.

The first line of each data item description begins with the character "D" (left-justified, two characters). The "D" flag indicates lines in the data dictionary containing the name, size and begin position of each data item. The second line of each data item description begins with the character "T" (left-justified, two characters). The "T" flag indicates lines in the data dictionary containing the category code and short description of the variable. The line beginning with the character "U" describes the universe for that item. Lines containing categorical value codes and labels follow next and begin with the character "V". The special character (.) denotes the start of the value labels. Two examples of data item descriptions follow:

```
D RNOTAKE      2      813
T LF: Reason couldn't start job
  Why couldn't ... have started a job?
U All persons 15+ at the end of the
  reference period who were unable to start
  a job during weeks on layoff or looking
  for work.
  EPOPSTAT = 1 and RTAKJOB = 2
V      -1 .Not in universe
V      1 .Waiting for a new job to begin
V      2 .Own temporary illness
V      3 .School
V      4 .Other
```

```
D RRRSN        2      1218
T GI: Reason for receipt of Railroad
  Retirement pay
  For what reason or reasons did ...
  receive Railroad Retirement pay during
  the reference period? ISS Code 2
U All persons 15 to 69 who receive
  disability income and/or persons 15+ at
  the end of the reference period who
  receive retirement income and/or survivor
  benefits.
V      -1 .Not in universe
V      1 .Disability
V      2 .Retirement
V      3 .Survivor
V      4 .Disability and retirement
V      5 .Disability and survivor
V      6 .Retirement and survivor
V      7 .Disability, retirement, and
  .survivor
V      8 .No payment received
```

**SURVEY OF INCOME AND PROGRAM PARTICIPATION,
2001 PANEL WAVE 1 TOPICAL MODULE DATA DICTIONARY**

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
D SSUSEQ	5	1	V	25	. Massachusetts
T SU: Sequence Number of Sample Unit - Primary Sort Key			V	26	. Michigan
U All persons			V	27	. Minnesota
V 1:50000 . Sequence Number			V	28	. Mississippi
D SSUID	12	6	V	29	. Missouri
T SU: Sample Unit Identifier			V	30	. Montana
Sample Unit identifier This identifier is created by scrambling together the PSU, Segment, Serial, Serial Suffix of the original sample address. It may be used in matching sample units from different waves.			V	31	. Nebraska
U All persons			V	32	. Nevada
V 000000000000:999999999999 . Scrambled Id			V	33	. New Hampshire
D SPANEL	4	18	V	34	. New Jersey
T SU: Sample Code - Indicates Panel Year			V	35	. New Mexico
U All persons			V	36	. New York
V 1996 . Panel Year			V	37	. North Carolina
D SWAVE	2	22	V	39	. Ohio
T SU: Wave of data collection			V	40	. Oklahoma
Wave of data collection. The range of this variable is 1 through 12 to represent each wave in the 1996 Panel. For a specific cross-sectional product, the wave remains constant.			V	41	. Oregon
U All persons			V	42	. Pennsylvania
V 1:12 . Wave of data collection			V	44	. Rhode Island
D SROTATON	1	24	V	45	. South Carolina
T SU: Rotation of data collection			V	47	. Tennessee
Rotation within wave. Each wave of data is collected over a four calendar month period. The rotation field indicates which month within the wave a particular interview was conducted.			V	48	. Texas
U All persons			V	49	. Utah
V 1:4 . Rotation of data collection			V	51	. Virginia
D TFIPSST	2	25	V	53	. Washington
T SU: FIPS State Code for fifth month household			V	54	. West Virginia
FIPS State Code Federal Information Processing Standards state (and state equivalent) code for the 50 states, and DC. For the Sample Unit			V	55	. Wisconsin
U All persons			V	61	. Maine, Vermont
V 01 . Alabama			V	62	. North Dakota, South Dakota, . Wyoming
V 02 . Alaska			D SHHADID	3	27
V 04 . Arizona			T SU: Hhld Address ID in fourth reference month		
V 05 . Arkansas			Household Address ID. This field differentiates households within the sample PSU, segment, serial, serial suffix; that is, households spawned from an original sample household. The Address ID in a specific wave should never be greater than (WAVE * 10 +9).		
V 06 . California			U All persons		
V 08 . Colorado			V 11:129 . Household Address ID		
V 09 . Connecticut			D SINTHHID	3	30
V 10 . Delaware			T SU: Hhld Address ID of person in interview month		
V 11 . DC			Address ID of this person at time of interview (fifth month). Address ID in a specific wave should never be greater than (WAVE * 10 + 9).		
V 12 . Florida			U All persons		
V 13 . Georgia			V 0 . Not in universe		
V 15 . Hawaii			V 11:99 . Household Address ID		
V 16 . Idaho			D EOUTCOME	3	33
V 17 . Illinois			T HH: Interview Status code for fifth month household		
V 18 . Indiana			Household interview status. In Wave 1, the only valid codes are 201, 203 and 207.		
V 19 . Iowa			V 201 . Completed interview		
V 20 . Kansas			V 203 . Compl. partial- missing data; no . TYPE-Z		
V 21 . Kentucky			V 207 . Complete partial - TYPE-Z; no . further follow-up		
V 22 . Louisiana			V 213 . TYPE-A, language problem		
V 24 . Maryland			V 215 . TYPE-A, insufficient partial		
			V 216 . TYPE-A, no one home (noh)		
			V 217 . TYPE-A, temporarily absent (ta)		
			V 218 . TYPE-A, hh refused		

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
V	219	.TYPE-A, other occupied (specify)	T PE: Person number		
V	234	.TYPE-B, entire hh institut. or temp. ineligible	Person number. This field differentiates persons within the sample unit. Person number is unique within the sample unit across all waves of a panel. Person number for a specific wave should never be greater than (WAVE * 100 + 99).		
V	248	.TYPE-C, other (specify)	U All persons		
V	249	.TYPE-C, sample adjustment	V 101:1299 .Person number		
V	250	.TYPE-C, hh deceased	D EPOPSTAT 1 52		
V	251	.TYPE-C, moved out of country	T PE: Population status based on age in fourth ref. month		
V	252	.TYPE-C, living in armed forces barracks	Population status. This field identifies whether or not a person was eligible to be asked a full set of questions, based on his/her age in the fourth month of the reference period.		
V	253	.TYPE-C, on active duty in Armed Forces	U All persons		
V	254	.TYPE-C, no one over age 15 years in hhld	V 1 .Adult (15 years of age or older)		
V	255	.TYPE-C, no Wave 1 persons remaining in hhld	V 2 .Child (Under 15 years of age)		
V	260	.TYPE-D, moved address unknown	D EPPINTVW 2 53		
V	261	.TYPE-D, moved w/in U.S. but outside SIPP	T PE: Person's interview status at time of interview		
V	262	.Merged with another SIPP household	U All persons		
V	270	.Mover, no longer located in same fr's area	V 1 .Interview (self)		
V	271	.Mover, new address located in same fr's area	V 2 .Interview (proxy)		
V	280	.Newly spawned case outside fr's area	V 3 .Noninterview - Type Z		
V			V 4 .Nonintrvw - pseudo Type Z. Left sample during the reference period		
V			V 5 .Children under 15 during reference period		
D RFID	3	36	D EPPMIS4 1 55		
T FA: Family ID Number in month four			T PE: Person's 4th month interview status		
Family ID number may be used to identify all persons in the same family in the fourth reference month of a given wave. This ID is used for primary families, unrelated subfamilies, primary and secondary individuals. Persons related subfamilies have the primary family ID in this field.			Person's interview status for month 4		
U All persons			U All persons		
V 1:120 .Family ID number			V 1 .Interview		
D RFID2	3	39	V 2 .Non-interview		
T FA: Family ID excluding related subfamily members			D ESEX 1 56		
Family ID number excluding members of related subfamilies. Defined as of the fourth reference month of a given wave. This ID is used for all persons except related subfamily members.			T PE: Sex of this person		
U All persons except those in related subfamilies (excludes persons with ESFTYPE = 2)			U All persons		
V 0 .Member of related subfamily			V 1 .Male		
V 1:120 .Family ID number			V 2 .Female		
D EPPIDX	3	42	D ERACE 1 57		
T PE: Person index			T PE: Race of this person		
Person index. This field differentiates persons within the sample unit. Person index is unique within the sample unit and wave.			U All persons		
U All persons			V 1 .White		
V 1:999 .Person index			V 2 .Black		
D EENTAID	3	45	V 3 .American Indian, Aleut, or Eskimo		
T PE: Address ID of hhld where person entered sample			V 4 .Asian or Pacific Islander		
Address ID of the household that this person belonged to at the time this person first became part of the sample. Address ID in a specific wave should never be greater than (WAVE * 10 + 9).			D EORIGIN 2 58		
U All persons			T PE: Origin of this person		
V 11:129 .Entry address ID			U All persons		
D EPPNUM	4	48	V 1 .Canadian		
			V 2 .Dutch		
			V 3 .English		
			V 4 .French		
			V 5 .French-Canadian		
			V 6 .German		
			V 7 .Hungarian		
			V 8 .Irish		
			V 9 .Italian		
			V 10 .Polish		
			V 11 .Russian		
			V 12 .Scandinavian		
			V 13 .Scotch-Irish		
			V 14 .Scottish		
			V 15 .Slovak		
			V 16 .Welsh		

SIPP 2001 WAVE 1 TOPICAL MODULE

DATA SIZE BEGIN

V 17 . Other European
V 20 . Mexi can
V 21 . Mexi can- Ameri can
V 22 . Chi cano
V 23 . Puerto Rican
V 24 . Cuban
V 25 . Central American
V 26 . South American
V 27 . Domi nican Republic
V 28 . Other Hispani c
V 30 . Afri can- Ameri can or
V . Afro- Ameri can
V 31 . Ameri can Indian, Eskimo, or
V . Aleut
V 32 . Arab
V 33 . Asi an
V 34 . Paci fic Islander
V 35 . West Indian
V 39 . Another group not listed
V 40 . American

D WPFINWGT 10 60
T WW: Person weight
Final person weight in fourth month of
reference period. Four implied decimal
positions
U All persons
V 00000: 9999999999 . Final person weight

D ERRP 2 70
T PE: Household relationship
Household relationship in fourth month of
reference period.
U All persons
V 1 . Reference person w/ rel. persons
V . in hhld
V 2 . Reference Person w/out rel.
V . persons in hhld
V 3 . Spouse of reference person
V 4 . Child of reference person
V 5 . Grandchild of reference person
V 6 . Parent of reference person
V 7 . Brother/sister of reference
V . person
V 8 . Other relative of reference
V . person
V 9 . Foster child of reference person
V 10 . Unmarried partner of reference
V . person
V 11 . Housemate/roommate
V 12 . Roomer/boarder
V 13 . Other non-relative of reference
V . person

D TAGE 2 72
T PE: Age as of last birthday
Age as of last birthday. This is the
person's age as of the end of the fourth
reference month. Age is derived from
reported or imputed month and year of
birth. Bottom coding year of birth
results in the top coding of age into the
highest two single year age groups based
on month of birth. Users should combine
the last two age groups for microdata
analysis.
U All persons
V 0 . Less than 1 full year old
V 1: 88 . Number of years old

D EMS 1 74
T PE: Marital status
Marital status in the fourth month of the
reference period.
U All persons

DATA SIZE BEGIN

V 1 . Married, spouse present
V 2 . Married, Spouse absent
V 3 . Widowed
V 4 . Divorced
V 5 . Separated
V 6 . Never Married

D EPNSPOUS 4 75
T PE: Person number of spouse
Person number of spouse in fourth month
of the reference period. A person number
in a specific wave should never be
greater than (WAVE * 100 + 99).
U All persons
V 101: 1299 . Person number
V 9999 . Spouse not in hhld or person not
V . married

D EPNMOM 4 79
T PE: Person number of mother
Person number of mother in fourth month
of the reference period. A person number
in a specific wave should never be
greater than (WAVE * 100 + 99).
U All persons
V 101: 1299 . Person number
V 9999 . No mother in household

D EPNDAD 4 83
T PE: Person number of father
Person number of father in fourth month
of the reference period. A person number
in a specific wave should never be
greater than (WAVE * 100 + 99).
U All persons
V 101: 1299 . Person number
V 9999 . No father in household

D EPNGUARD 4 87
T PE: Person number of guardian
Person number of guardian in fourth month
of the reference period. A person number
in a specific wave should never be
greater than (WAVE * 100 + 99).
U All persons, under age 20 who are never
married TAGE < 20 and EMS=6 in the fourth
reference month
V -1 . Not in universe
V 101: 1299 . Person number
V 9999 . Guardian not in household

D RDESGPNT 2 91
T PE: Designated parent or guardian flag
Is .. the designated parent or guardian
of children under age 18 who live in this
household?
U All persons 15+ at the end of the reference
period. EPOPSTAT= 1
V -1 . Not in universe
V 1 . Yes
V 2 . No

D EEDUCATE 2 93
T ED: Highest Degree received or grade
completed
What is the highest level of school ...
has completed or the highest degree ...
has received?
U All persons 15+ at end of reference period.
EPOPSTAT = 1
V -1 . Not in universe
V 31 . Less than 1st grade
V 32 . 1st, 2nd, 3rd or 4th grade
V 33 . 5th or 6th grade
V 34 . 7th or 8th grade

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
V	35	.9th grade	V		. assistance
V	36	.10th grade	D AYBG120Y	1	112
V	37	.11th grade	T RC: Year applied for public assistance allocation flag		
V	38	.12th grade			Imputation flag for TYBG120Y
V	39	.High School graduate - high school diploma or equivalent	V	0	.Not imputed
V	40	.Some college but no degree	V	1	.Imputed
V	41	.Diploma or certificate from a voc, tech, trade or bus school beyond\$	V	2	.Cold Deck Imputation
V	42	.Associate degree in college - Occupational/vocational program	V	3	.Logical Imputation (Derivation)
V	43	.Associate Degree in college - Academic program	D EWBG120M	2	113
V	44	.Bachelors degree (For example: BA, AB, BS)	T RC: Month applied for WIC WBEG120@MON In what month did ... apply for the WIC that ... received in month 1?		
V	45	.Master's degree (For example: MA, MS, MEng, MSW, MBA)	U All adults receiving WIC in month 1		
V	46	.Professional School Degree (For example: MD, DDS, DVM, LLB, JD)	V	-1	.Not in universe
V	47	.Doctorate degree (For example: PhD, EdD)	V	1:12	.Month applied for WIC
D LGTKEY	8	95	D AWBG120M	1	115
T PE: Person longitudinal key			T RC: Month applied for WIC allocation flag		
The longitudinal key is in sort by scrambled id (SSUID). The first five digits of the key contain a longitudinal sequence number which is unique for the sample unit across all waves. The last three digits contain a person's index which identifies a person within a sample unit and is unique for a person across all waves. This key can be used to merge people longitudinally.					Imputation flag for EWBG120M
U All persons			V	0	.Not imputed
V 1001:50000001 .Longitudinal Key			V	1	.Imputed
D ERCUNV	2	103	V	2	.Cold Deck Imputation
T RC: Universe indicator.			V	3	.Logical Imputation (Derivation)
U All adult with ISS code of 1, 3, 4, 20, 25, 27			D TWBG120Y	4	116
V	-1	.Not in universe	T RC: Year applied for WIC WBEG120@YEAR In what year did ... apply for the WIC that ... received in month 1?		
V	1	.In universe	U All adults receiving WIC in month 1		
D EYBG120M	2	105	V	-1	.Not in universe
T RC: Month applied for public assistance BEG120@MON In what month did ... apply for the public assistance such as AFDC or TANF that ... received in month 1?			V	1990:2001	.Year applied for WIC
U All adults who received public assistance in month 1			D AWBG120Y	1	120
V	-1	.Not in universe	T RC: Year applied for WIC allocation flag		
V	1:12	.Month applied for public assistance			Imputation flag for TWBG120Y
V			V	0	.Not imputed
D AYBG120M	1	107	V	1	.Imputed
T RC: Month applied for public assistance allocation flag			V	2	.Cold Deck Imputation
Imputation flag for EYBG120M			V	3	.Logical Imputation (Derivation)
V	0	.Not imputed	D EFBG120M	2	121
V	1	.Imputed	T RC: Month applied for Food Stamps FBEG120@MON In what month did ... apply for the FOOD STAMPS that ... received in month 1?		
V	2	.Cold Deck Imputation	U All adults who received Food Stamps in month 1		
V	3	.Logical Imputation (Derivation)	V	-1	.Not in universe
D TYBG120Y	4	108	V	1:12	.Month applied for Food Stamp
T RC: Year applied for public assistance BEG120@YEAR In what year did ... apply for the public assistance such as AFDC, TANF, or [state named] that ... received in month 1?			D AFBG120M	1	123
U All adults who received public assistance in month 1			T RC: Month applied for Food Stamps allocation flag		
V	-1	.Not in universe			Imputation flag for EFBG120M
V	1972:2001	.Year applied for public assistance	V	0	.Not imputed
			V	1	.Imputed
			V	2	.Cold Deck Imputation
			V	3	.Logical Imputation (Derivation)
			D TFBG120Y	4	124
			T RC: Year applied for Food Stamps FBEG120@YEAR In what year did ... apply for the FOOD STAMPS that ... received in month 1?		
			U All adults who received Food Stamp in month 1		
			V	-1	.Not in universe
			V	1965:2001	.Year applied for Food Stamp
			D AFBG120Y	1	128
			T RC: Year applied for Food Stamps allocation flag		

SIPP 2001 WAVE 1 TOPICAL MODULE

DATA SIZE BEGIN

 Imputation flag for TFBG120Y
V 0 .Not imputed
V 1 .Imputed
V 2 .Cold Deck Imputation
V 3 .Logical Imputation (Derivation)

D TKCOVB1Y 4 129
T RC: Year started Social Security payments
for child
 KCOVBEG@STRTYR In what year did ... begin
to receive Social Security payments for
... 's child?
U All adults receiving separate Social
Security payments for child.
(esschild=1)

V -1 .Not in universe
V 1984:2001 .Year started

D AKCOVB1Y 1 133
T RC: Allocation flag for yr started child's
SS payments
 Imputation flag for TKCOVB1Y
V 0 .Not imputed
V 1 .Imputed
V 2 .Cold Deck Imputation
V 3 .Logical Imputation (Derivation)

D EKOVB1M 2 134
T RC: Month started Social Security payments
for child
 KCOVBEG@STRTMTH In what month did ...
begin to receive Social Security payments
for ... 's child?
U All adults receiving separate Social Security
payments for child (esschild=1)

V -1 .Not in universe
V 1:12 .Month started

D AKCOVB1M 1 136
T RC: Allocation flag for mnth started child's
SS payment
 Imputation flag for EKOVB1M
V 0 .Not imputed
V 1 .Imputed
V 2 .Cold Deck Imputation
V 3 .Logical Imputation (Derivation)

D TKCOVB3Y 4 137
T RC: Year started Federal SSI for child
 KCOVBEG@STRTYR In what year did ... begin
to receive Federal SSI payments for ... 's
child?
U All adults receiving separate Federal SSI
payments for child (esschild=1)

V -1 .Not in universe
V 1989:2001 .Year started

D AKCOVB3Y 1 141
T RC: Allocation flag for year started child's
Fed SSI
 Imputation flag for TKCOVB3Y
V 0 .Not imputed
V 1 .Imputed
V 2 .Cold Deck Imputation
V 3 .Logical Imputation (Derivation)

D EKOVB3M 2 142
T RC: Month started Federal SSI for child
 KCOVBEG@STRTMTH In what month did ...
begin to receive Federal SSI payments for
... 's child?
U All adults receiving separate Federal SSI
payments for child (esschild=1)

V -1 .Not in universe
V 1:12 .Month started

DATA SIZE BEGIN

D AKCOVB3M 1 144
T RC: Allocation flag for month started
child's Fed SSI
 Imputation flag for EKOVB3M
V 0 .Not imputed
V 1 .Imputed
V 2 .Cold Deck Imputation
V 3 .Logical Imputation (Derivation)

D TKCOVB4Y 4 145
T RC: Year started State SSI for child
 KCOVBEG@STRTYR In what year did ... begin
to receive State SSI payments for ... 's
child?
U All adults receiving separate State SSI
payments for child (esschild=1)

V -1 .Not in universe
V 1992:2001 .Year applied

D AKCOVB4Y 1 149
T RC: Allocation flag for year started child's
State SSI
 Imputation flag for TKCOVB4Y
V 0 .Not imputed
V 1 .Imputed
V 2 .Cold Deck Imputation
V 3 .Logical Imputation (Derivation)

D EKOVB4M 2 150
T RC: Month started State SSI for child
 KCOVBEG@STRTMTH In what month did ...
begin to receive State SSI payments for
... 's child?
U All adults receiving separate State SSI
payments for child. (esschild=1)

V -1 .Not in universe
V 1:12 .Month started

D AKCOVB4M 1 152
T RC: Allocation flag for month started
child's State SSI
 Imputation flag for EKOVB4M
V 0 .Not imputed
V 1 .Imputed
V 2 .Cold Deck Imputation
V 3 .Logical Imputation (Derivation)

D EARCUNV 2 153
T REC: Universe indicator.
 Universe indicator.
U All adults
V -1 .Not in universe
V 1 .In universe

D ECURFS 2 155
T REC: Other Times When Authorized to Receive
Food Stamps
 CURFS Besides the food stamps ...
received during the last four months,
have there been any other times when ...
was authorized to receive food stamps?
U All adults currently receiving FOOD STAMPS
and EPOPSTAT=1

V -1 .Not in universe
V 1 .Yes
V 2 .No

D ACURFS 1 157
T REC: Allocation flag for ECURFS
 CURFS Allocation flag for other time
receiving Food Stamps
V 0 .Not imputed
V 1 .Statistical imputation (hot
 deck)
V 2 .Cold deck imputation

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
V	3	.Logical imputation (derivation)	V	1	.Statistical imputation (hot .deck)
D EAPLFS	2	158	V	2	.Cold deck imputation
T REC: Ever applied for Food Stamp Program			V	3	.Logical imputation (derivation)
APLFS Has ... ever applied for the Federal Governments' Food Stamp Program?			D EFSLM	2	172
U All adults not currently receiving FOOD STAMPS and EPOPSTAT=1 			T REC: Length of time received food stamp(months)		
V	-1	.Not in universe	TMFSLONG@1 When did you last receive Food Stamps?		
V	1	.Yes	U All adults who currently receive Food Stamps and EPOPSTAT=1 and EAPLFS=1 and ERECVFS=1 and EFSSTRYR >0		
V	2	.No	V	-1	.Not in universe
D AAPLFS	1	160	V	1:12	.January thru December
T REC: Allocation flag for EAPLFS			D AFSLM	1	174
APLFS Allocation flag for ever applied for Food Stamp Program			T REC: Allocation flag for EFSLM		
V	0	.Not imputed	TMFSLONG@1 Allocation flag for last time received Food Stamps(month)		
V	1	.Statistical imputation (hot .deck)	V	0	.Not imputed
V	2	.Cold deck imputation	V	1	.Statistical imputation (hot .deck)
V	3	.Logical imputation (derivation)	V	2	.Cold deck imputation
D ERECVFS	2	161	V	3	.Logical imputation (derivation)
T REC: Authorized to receive Food Stamps			D TFSLY	4	175
RECVFS Has ... ever been authorized to receive food stamps?			T REC: Length of time received food stamp(years)		
U All adults who not currently receive Food Stamps and EPOPSTAT=1 and EAPLFS=1			TMFSLONG@2 When did ... last receive Food Stamps?		
V	-1	.Not in universe	U All adults who receive Food stamp and EPOPSTAT=1 and EAPLFS=1 and ERECVFS=1 and EFSSTRYR >0		
V	1	.Yes	V	-1	.Not in universe
V	2	.No	V	1972: 2001	.Year
D ARECVFS	1	163	D AFSLY	1	179
T REC: Allocation flag for ERECVFS			T REC: Allocation flag for TFSLY		
ARECVFS Allocation flag for authorized to receive Food Stamp			TMFSLONG@2 Allocation flag for length of time received Food Stamps(month)		
V	0	.Not imputed	V	0	.Not imputed
V	1	.Statistical imputation (hot .deck)	V	1	.Statistical imputation (hot .deck)
V	2	.Cold deck imputation	V	2	.Cold deck imputation
V	3	.Logical imputation (derivation)	V	3	.Logical imputation (derivation)
D EFSSTRMN	2	164	D TFSTIMES	2	180
T REC: Month first received food stamp			T REC: Number of times received food stamps		
FSWHEN@FSSTRMNM When did ... first start receiving food stamp?			TMFSTIME How many times in all have there been when ... received food stamps?		
U All adults who receive Food stamp and EPOPSTAT=1 and EAPLFS=1 and ERECVFS=1			U All adults who receive Food stamp and EPOPSTAT=1 and EAPLFS=1 and ERECVFS=1 and EFSSTRYR >0 and (EFSLONG1 or EFSLONG2 > 0).		
V	-1	.Not in universe	V	-1	.Not in universe
V	1:12	.January thru December	V	1	.One time received food stamps
D AFSSTRMN	1	166	V	2	.Two times received food stamps
T REC: Allocation flag for EFSSTRMN			V	3	.Three times received food stamps
FSWHEN@FSSTRMNM Allocation flag for month first received food stamp			V	4	.Four times received food stamps
V	0	.Not imputed	V	5	.Five to six times received food stamps
V	1	.Statistical imputation (hot .deck)	V	6	.Seven or more times received food stamps
V	2	.Cold deck imputation	D AFSTIMES	1	182
V	3	.Logical imputation (derivation)	T REC: Allocation flag for TFSTIMES		
D TFSSTRYR	4	167	TMFSTIME Allocation flag for number of times received Food Stamps		
T REC: Year first received food stamp			V	0	.Not imputed
FSWHEN@FSSTRYR When did ... first start receiving food stamp?			V	1	.Statistical imputation (hot .deck)
U All adults who receive Food stamp and EPOPSTAT=1 and EAPLFS=1 and ERECVFS=1			V	2	.Cold deck imputation
V	-1	.Not in universe	V	3	.Logical imputation (derivation)
V	1971: 2001	.Year	D ECURAFDC	2	183
D AFSSTRYR	1	171			
T REC: Allocation flag for TFSSTRYR					
FSWHEN@FSSTRYR Allocation flag for year first received food stamp					
V	0	.Not imputed			

SIPP 2001 WAVE 1 TOPICAL MODULE

DATA SIZE BEGIN

T REC: Any other time authorized to receive public assistance
CURADC Besides the public assistance such as AFDC, TANF, or [state named] ... received during the last four months, have there been any other times when ... was authorized to receive public assistance?

U All adults that currently receive AFDC and EPOPSTAT=1

V -1 .Not in universe
V 1 .Yes
V 2 .No

D ACURAFDC 1 185
T REC: Allocation flag for EAPLAFDC
CURAFDC Allocation flag for ever applied for AFDC Program

V 0 .Not imputed
V 1 .Statistical imputation (hot .deck)
V 2 .Cold deck imputation
V 3 .Logical imputation (derivation)

D EAPLAFDC 2 186
T REC: Ever applied for AFDC, TANF, or State Named Program
EAPLAFDC Has ... ever applied for public assistance such as AFDC, TANF, or [State Named] program?

U All adults that receive AFDC and EPOPSTAT=1

V -1 .Not in universe
V 1 .Yes
V 2 .No

D AAPLAFDC 1 188
T REC: Allocation flag for EAPLAFDC
APLAFDC Allocation flag for ever applied for AFDC, TANF, or [State Named] Program

V 0 .Not imputed
V 1 .Statistical imputation (hot .deck)
V 2 .Cold deck imputation
V 3 .Logical imputation (derivation)

D ERCVAFDC 2 189
T REC: Authorized to receive AFDC, TANF, or State Named
RCVAFDC Has ... ever received any public assistance benefits such as AFDC, TANF, or [State Named] program?

U All adults that receive AFDC and EPOPSTAT=1 and EAPLAFDC=1

V -1 .Not in universe
V 1 .Yes
V 2 .No

D ARCVAFDC 1 191
T REC: Allocation flag for ERCVAFDC
RCVAFDC Allocation flag for authorized to receive AFDC/ADC

V 0 .Not imputed
V 1 .Statistical imputation (hot .deck)
V 2 .Cold deck imputation
V 3 .Logical imputation (derivation)

D EAFDCSTM 2 192
T REC: Month first received AFDC/ADC benefits
AFDCWHEN@AFSTRM When did ... first start receiving public assistance benefits such as AFDC, TANF or [State Named] program?

U All adults that receive AFDC and EPOPSTAT=1 and EAPLAFDC=1 and ERCVAFDC=1

V -1 .Not in universe

DATA SIZE BEGIN

V 1:12 .Month first start receiving AFDC

D AAFDCSTM 1 194
T REC: Allocation flag for EAFDCSTM
AFDCWHEN@AFSTRM Allocation flag for month 1st received AFDC, TANF, or [State Named] program

V 0 .Not imputed
V 1 .Statistical imputation (hot .deck)
V 2 .Cold deck imputation
V 3 .Logical imputation (derivation)

D TAFDCSTY 4 195
T REC: Year 1st received AFDC, TANF, or State Named Program
AFDCWHEN@AFSTRY When did ... first start receiving public assistance benefits such as AFDC, TANF, or [State Named] program?

U All adults that receive AFDC and EPOPSTAT=1 and EAPLAFDC=1 and ERCVAFDC=1

V -1 .Not in universe
V 1976:2001 .Year first received AFDC .benefits

D AAFDCSTY 1 199
T REC: Allocation flag for TAFDCSTY
AFDCWHEN@AFSTRY Allocation flag for year 1st received AFDC, TANF, or [State Named] benefits

V 0 .Not imputed
V 1 .Statistical imputation (hot .deck)
V 2 .Cold deck imputation
V 3 .Logical imputation (derivation)

D EAFDCCLM 2 200
T REC: Last month received AFDC, TANF, or State Named Benefits
TMAFDCCLG@1 When did ... last receive public assistance such as AFDC, TANF, or [State Named] benefits?

U All adults that receive AFDC and EPOPSTAT=1 and EAPLAFDC=1 and ERCVAFDC=1 and EAFDCSTY >0

V -1 .Not in universe
V 1:12 .Month last received AFDC, TANF, or State Named benefits

D AAFDCCLM 1 202
T REC: Allocation flag for EAFDCCLM
TMAFDCCLG@1 Allocation flag for length of time received AFDC, TANF, or [State Named] (month)

V 0 .Not imputed
V 1 .Statistical imputation (hot .deck)
V 2 .Cold deck imputation
V 3 .Logical imputation (derivation)

D TAFDCCLY 4 203
T REC: Year last received AFDC, TANF, or State Named
TMAFDCCLG@2 When did ... last receive public assistance such as AFDC, TANF, or [State Named]?

U All adults that receive AFDC and EPOPSTAT=1 and EAPLAFDC=1 and ERCVAFDC=1 and EAFDCSTY >0

V -1 .Not in universe
V 1981:2001 .Year last received AFDC, TANF, or State Named

D AAFDCCLY 1 207
T REC: Allocation flag for TAFDCCLY
TMAFDCCLG@2 Allocation flag for length of

SIPP 2001 WAVE 1 TOPICAL MODULE

DATA SIZE BEGIN

EPOPSTAT=1 and EAPLSSI=1 and ERECVSSI=1 and
ESSISTR>0

V -1 .Not in universe

V 1:12 .Month last received SSI(months)

D ASSILM 1 230

T REC: Length of time received SSI(years)
allocation flg

TMSILNG@1 Allocation flag for ESSILNG1

V 0 .Not imputed

V 1 .Statistical imputation (hot
.deck)

V 2 .Cold deck imputation

V 3 .Logical imputation (derivation)

D TSSILY 4 231

T REC: Length of time received SSI(years)
TMSILNG@2 When did ... last receive SSI?

U All adults with SSI(federal/state) and
EPOPSTAT=1 and EAPLSSI=1 and ERECVSSI=1 and
ESSISTR>0

V -1 .Not in universe

V 1979:2001 .Length of time received
SSI(years)

D ASSILY 1 235

T REC: Allocation flag for TSSILY
TMSILNG@2 Allocation flag for ESSILNG2

V 0 .Not imputed

V 1 .Statistical imputation (hot
.deck)

V 2 .Cold deck imputation

V 3 .Logical imputation (derivation)

D EAHIUNV 2 236

T AHI: Universe indicator.
Universe indicator.

U All adults

V -1 .Not in universe

V 1 .In universe

D TCDBEGYR 4 238

T AHI: In what year did ... become covered by
Medicaid?

CAIDBEGYR In what year did ... become
covered by Medicaid?

U All persons aged 15+ who are covered by
Medicaid in the reference period
(ECAIDCOV=1)

V -1 .Not in universe

V 1979:2001 .Year coverage began

D ACDBEGYR 1 242

T AHI: Allocation flag for TCDBEGYR
CAIDBEGYR Allocation flag for year
medicaid began coverage

V 0 .No imputation

V 1 .Statistical imputation (hot
.deck)

V 2 .Cold deck

V 3 .Logical imputation (derivation)

D ECDBEGMD 2 243

T AHI: In what month did ... become covered
By Medicaid?

CAIDBEGMTH In what month did ... become
covered by Medicaid?

U Persons 15+ covered by Medicaid whose
coverage began less than three years prior
to the interview year

V -1 .Not in universe

V 1:12 .Month coverage began

D ACDBEGMD 1 245

T AHI: Allocation flag for ECDBEGMD

DATA SIZE BEGIN

CAIDBEGMTH Allocation flag for month
medicaid coverage began

V 0 .No imputation

V 1 .Statistical imputation (hot
.deck)

V 2 .Cold deck

V 3 .Logical imputation (derivation)

D EHIALLCV 2 246

T AHI: Has ... always been covered by health
insurance?

HIHOWLNGYR/HIHOWLNGMTH Has ... always
been covered by health insurance?

U All persons 15+ who are covered by health
insurance in the first month of the
reference period

V -1 .Not in universe

V 1 .Yes

V 2 .No

D AHIALLCV 1 248

T AHI: Allocation flag for EHIALLCV
HIHOWLNGYR/HIHOWLNGMTH Allocation flag
for always been covered by health
insurance

V 0 .No imputation

V 1 .Statistical imputation (hot
.deck)

V 2 .Cold deck

V 3 .Logical imputation (derivation)

D THINOYR 4 249

T AHI: In what year was ... last not covered
by health ins?

HIHOWLNGYR/HIHOWLNGMTH In what year was
... last not covered by health
insurance?

U All persons aged 15+ who are covered by
health insurance in the first month of the
reference period and who have not always
been covered

V -1 .Not in universe

V 1961:2000 .Last year not covered

D AHINOYR 1 253

T AHI: Allocation flag for THINOYR
HIHOWLNGYR/HIHOWLNGMTH Allocation Flag
For THINOYR

V 0 .No imputation

V 1 .Statistical imputation (hot
.deck)

V 2 .Cold deck

V 3 .Logical imputation (derivation)

D EHINOMTH 2 254

T AHI: In what mth was ... last not covered
by health ins?

HIHOWLNGYR/HIHOWLNGMTH In what month was
... last not covered by health
insurance?

U All persons 15+ with EHINOYR > interview
year -3. If EHINOYR = interview, then
EHINOMTH must be a month which precedes the
first month of the reference period

V -1 .Not in universe

V 1:12 .Last month not covered

D AHINOMTH 1 256

T AHI: Allocation flag for EHINOMTH
HIHOWLNGYR/HIHOWLNGMTH Allocation flag
for month not covered by health
insurance

V 0 .No imputation

V 1 .Statistical imputation (hot
.deck)

V 2 .Cold deck

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
V	3	.Logical imputation (derivation)			
D EHI E V R C V	2	257			
T AHI:		Has ... ever been covered by health insurance?			
		H I N O L N G Y R / H I N O L N G M T H Has ... ever been covered by health insurance?			
U		All persons 15+ who are not covered by health insurance in the first month of the reference period 			
V		-1 .Not in universe			
V		1 .Yes			
V		2 .No			
D A H I E V R C V	1	259			
T AHI:		Allocation flag for E H I E V R C V			
		H I N O L N G Y R / H I N O L N G M T H Allocation flag for ever been covered by health insurance			
V		0 .No imputation			
V		1 .Statistical imputation (hot .deck)			
V		2 .Cold deck			
V		3 .Logical imputation (derivation)			
D T H I C V Y R	4	260			
T AHI:		In what year was ... last covered by health ins			
		H I N O L N G Y R / H I N O L N G M T H In what year was ... last covered by health insurance?			
U		All persons 15+ with E H I E V R C V = 1			
V		-1 .Not in universe			
V		1974:2000 .Year last covered			
D A H I C V Y R	1	264			
T AHI:		Allocation flag for T H I C V Y R			
		H I N O L N G Y R / H I N O L N G M T H Allocation flag for year last covered by health insurance			
V		0 .No imputation			
V		1 .Statistical imputation (hot .deck)			
V		2 .Cold deck			
V		3 .Logical imputation (derivation)			
D E H I C V M T H	2	265			
T AHI:		In what month was ... last covered by health ins			
		H I N O L N G Y R / H I N O L N G M T H In what month was ... last covered by health insurance?			
U		All persons 15+ with E H I C V Y R > interview year - 3			
V		-1 .Not in universe			
V		1:12 .Month last covered			
D A H I C V M T H	1	267			
T AHI:		Allocation flag for E H I C V M T H			
		H I N O L N G Y R / H I N O L N G M T H Allocation flag for month last covered by health insurance			
V		0 .No imputation			
V		1 .Statistical imputation (hot .deck)			
V		2 .Cold deck			
V		3 .Logical imputation (derivation)			
D E A E M U N V	2	268			
T EMP:		Universe indicator.			
		Universe indicator.			
U		All adults			
V		-1 .Not in universe			
V		1 .In universe			
D T L S T W R K Y	4	270			
T EMP:		Year last worked at a paid job or business			
		L S T W R K Y In what year did ... last work at a paid job or business?			
U		All adults (18-75) without a job (EPDJBTHN=2) during the reference period			
V		-1 .Not in universe			
V		0 .Never worked			
V		1964:2001 .Year worked			
D A L S T W R K Y	1	274			
T EMP:		Allocation flag for T L S T W R K Y			
		L S T W R K Y Allocation flag for T L S T W R K Y			
V		0 .Not imputed			
V		1 .Statistical imputation (hot .deck)			
V		2 .Cold deck imputation			
V		3 .Logical imputation (derivation)			
D E L S T W R K M	2	275			
T EMP:		Month last worked at a paid job or business			
		L S T W R K M In what month did ... last work at a paid job or business?			
U		All adults (18-75) without a job during the reference period and the year last worked was within 2 years prior to 2001. (2 years before year of interview) [EPDJBTHN=2 and ELSTWRKY>=INTYR-2]			
V		-1 .Not in universe			
V		1:12 .January thru December			
D A L S T W R K M	1	277			
T EMP:		Allocation flag for E L S T W R K M			
		L S T W R K M Allocation flag E L S T W R K M			
V		0 .Not imputed			
V		1 .Statistical imputation (hot .deck)			
V		2 .Cold deck imputation			
V		3 .Logical imputation (derivation)			
D T P R V J B Y R	4	278			
T EMP:		(Before 1st ref mth) yr last work at pd jb or bs			
		P R V J O B Y R Before 1st reference month, in what year did ... last work at a paid job or business?			
U		All adults(18-75) with a job in at least one week of the reference period, but not in the first week[EPDJBTHN=1 and EWKSWK01=0]			
V		-1 .Not in universe			
V		0 .Never worked			
V		1989:2001 .Year last worked at a job .busniess			
D A P R V J B Y R	1	282			
T EMP:		Allocation flag for T P R V J B Y R			
		P R V J O B Y R Allocation flag for T P R V J B Y R			
V		0 .Not imputed			
V		1 .Statistical imputation (hot .deck)			
V		2 .Cold deck imputation			
V		3 .Logical imputation (derivation)			
D E P R V J B M N	2	283			
T EMP:		(Before 1st ref mth) mth last wrk at pd jb or bs			
		P R V J O B M N Before 1st reference month, in what month did ... last work at a paid job or business?			
U		All adults(18-75) with E P R V J B Y R >=INTYR-2			
V		-1 .Not in universe			
V		1:12 .January thru December			
D A P R V J B M N	1	285			
T EMP:		Allocation flag for E P R V J B M N			
		P R V J O B M N Allocation flag for month,			

SIPP 2001 WAVE 1 TOPICAL MODULE

DATA SIZE BEGIN

 before 1st reference month, last
 worked at a paid job or business

V 0 .Not imputed

V 1 .Statistical imputation (hot
 .deck)

V 2 .Cold deck imputation

V 3 .Logical imputation (derivation)

D TFRMYR 4 286

T EMP: Year ... started last paid job or
 business

 FRMYR In what year did ... start that
 job or business?

U All adults(18-75) whose last paid job or
 business was held in the last 10 years

V -1 .Not in universe

V 1957: 2001 .Year worked

D AFRMYR 1 290

T EMP: Allocation flag for TFRMYR

 FRMYR Allocation flag for TFRMYR

V 0 .Not imputed

V 1 .Statistical imputation (hot
 .deck)

V 2 .Cold deck imputation

V 3 .Logical imputation (derivation)

D EFRMRM 2 291

T EMP: Month ... started the job or business

 FRMRM In what month did ... start the
 job or business?

U All adults with EFRMYR>=INTYR-2

V -1 .Not in universe

V 1:12 .January thru December

D AFRMRM 1 293

T EMP: Allocation flag for EFRMRM

 FRMRM Allocation flag for EFRMRM

V 0 .Not imputed

V 1 .Statistical imputation (hot
 .deck)

V 2 .Cold deck imputation

V 3 .Logical imputation (derivation)

D TMAKMYR 4 294

T EMP: Yr ... 1st wrk 6 straight mnths at
 Some job or bus

 SIXMTHYR How old was ... when ... first
 worked 6 straight months at some job or
 business?

U All adults(18-75) who ever
 worked((ELSTWRKY>0 OR ELSTWRKY=- 1) AND
 (EPRVJBYR>0 OR EPRVJBYR=-1))

V -1 .Not in universe

V 0 .Never worked

V 1947: 2001 .Year worked

D AMAKMYR 1 298

T EMP: Allocation flag for TMAKMYR

 SIXMTHYR Allocation flag for TMAKMYR

V 0 .Not imputed

V 1 .Statistical imputation (hot
 .deck)

V 2 .Cold deck imputation

V 3 .Logical imputation (derivation)

D EMNRES 2 299

T EMP: Main reason never wrk 6 mos at a pd
 Job or business

 NOGREASN What is the main reason ...
 never worked 6 straight months at a paid
 job or business?

U All adults(18-75) who never worked at all
 or never worked 6 consecutive months
 (ELSTWRKY=0 OR EPRVJBYR=0 OR EMAKMYR=0

DATA SIZE BEGIN

V -1 .Not in universe

V 1 .Taking care of a minor child

V 2 .Taking Care of an elderly
 .family member

V 3 .Taking care of a disabled but
 .non elderly family member

V 4 .Other family or home
 .responsibilities

V 5 .Own illness or disability

V 6 .Could not find work

V 7 .Did not want to work

V 8 .Going to school

V 9 .Other

D AMNRES 1 301

T EMP: Allocation flag for EMNRES

 NOGREASN Allocation flag for main reason
 ... never worked 6 straight months at a
 paid job or business?

V 0 .Not imputed

V 1 .Statistical imputation (hot
 .deck)

V 2 .Cold deck imputation

V 3 .Logical imputation (derivation)

D EYRSINCE 2 302

T EMP: Did ... wk 6 strght mo ea yr since
 starting wk

 YRSINCE Between the year ... first held
 a job 6 straight months and the
 Interview Year, did ... work at least
 6 straight months during each year?

U All adults(18-75) with EMAKMYR>0 AND
 EMAKMYR<INTYR

V -1 .Not in universe

V 1 .Yes

V 2 .No

D AYRSINCE 1 304

T EMP: Allocation flag for EYRSINCE

 YRSINCE Allocation flag for did ... work
 at least 6 straight months during each
 year

V 0 .Not imputed

V 1 .Statistical imputation (hot
 .deck)

V 2 .Cold deck imputation

V 3 .Logical imputation (derivation)

D EYRSINC2 3 305

T EMP: How many years has ... not worked 6
 straight months

 YRSINCE2 In how many of those
 (difference between INTYR and EMAKMYR)
 years did ... not work 6 straight
 months?

U All adults (18-75) with EMAKMYR=INTYR-1,
 AND EYRSINCE=2

V -1 .Not in universe

V 1:61 .Number of years

D AYRSINC2 1 308

T EMP: Allocation flag for EYRSINC2

 YRSINCE2 Allocation flag for years has
 ... not worked 6 straight months

V 0 .Not imputed

V 1 .Statistical imputation (hot
 .deck)

V 2 .Cold deck imputation

V 3 .Logical imputation (derivation)

D EWRK35HR 2 309

T EMP: Has ... generally worked 35 or more
 hours per week

 WRK35HR During the time since (EMAKMYR)

SIPP 2001 WAVE 1 TOPICAL MODULE

DATA SIZE BEGIN

V .deck)

V 2 .Cold deck imputation

V 3 .Logical imputation (derivation)

D TFSTYRFR 4 334

T EMP: Start year, first spell of caregiving
FRSTYR@FSTYRFRM When was the first time
that this happened (Please report the
beginning of the period)

U All adults (21-62) and EOFF6MTN=1 and
EOTHIME=1

V -1 .Not in universe

V 1963:2001 .Year this first happened

D AFSTYRFR 1 338

T EMP: Allocation flag for TFSTYRFR
FRSTYR@FSTYRFRM Allocation flag for
TFSTYRFR

V 0 .Not imputed

V 1 .Statistical imputation (hot
.deck)

V 2 .Cold deck imputation

V 3 .Logical imputation (derivation)

D TFSTYRTO 4 339

T EMP: End year, first spell of caregiving
FRSTYR@FSTYRTO When was the first time
that this happened? (Please report the
end of the period)

U All adults (21-62) and EOFF6MTN=1 and
EOTHIME=1

V -1 .Not in universe

V 1967:2001 .Year this first happened

DATA SIZE BEGIN

D AFSTYRTO 1 343

T EMP: Allocation flag for TFSTYRTO
FRSTYR@FSTYRTO Allocation flag for
TFSTYRTO (Please report the end of the
period)

V 0 .Not imputed

V 1 .Statistical imputation (hot
.deck)

V 2 .Cold deck imputation

V 3 .Logical imputation (derivation)

D EFRSTRSN 2 344

T EMP: 1st of 2+ spells ...caring for child,
eld, or disab
FRSTRSN For the first spell, which one
of the following was ... taking care of?

U All adults (21-62) with EOTHIME=1

V -1 .Not in universe

V 1 .A minor child

V 2 .An elderly family member

V 3 .A disabled but non-elderly
.family member

D AFRSTRSN 1 346

T EMP: Allocation flag for EFRSTRSN
FRSTRSN Allocation flag for EFRSTRSN

V 0 .Not imputed

V 1 .Statistical imputation (hot
.deck)

V 2 .Cold deck imputation

V 3 .Logical imputation (derivation)

D FILLER 2 347

T Filler

SOURCE AND ACCURACY STATEMENT
for the 2001 Public Use Files from the
Survey of Income and Program Participation¹

SOURCE OF DATA

The data was collected in the 2001 panel of the Survey of Income and Program Participation (SIPP). The SIPP universe is the noninstitutionalized resident population living in the United States. The population includes persons living in group quarters, such as dormitories, rooming houses, and religious group dwellings. Crew members of merchant vessels, Armed Forces personnel living in military barracks, and institutionalized persons, such as correctional facility inmates and nursing home residents, were not eligible to be in the survey. Also, United States citizens residing abroad were not eligible to be in the survey. Foreign visitors who work or attend school in this country and their families were eligible; all others were not eligible to be in the survey. With the exceptions noted above, persons who were at least 15 years of age at the time of the interview were eligible to be in the survey.

The 2001 panel of the SIPP sample is located in 322 Primary Sampling Units (PSUs), each consisting of a county or a group of contiguous counties. Within these PSUs, living quarters (LQs) were systematically selected from lists of addresses prepared for the 1990 decennial census to form the bulk of the sample. To account for LQs built within each of the sample areas after the 1990 census, a sample containing clusters of four LQs was drawn of permits issued for construction of residential LQs up until shortly before the beginning of the panel.

In jurisdictions that don't issue building permits or have incomplete addresses, we systematically sampled expected clusters of four LQs which were listed by field personnel and then subsampled in the field. In addition, we selected sample LQs from a supplemental frame that included LQs identified as missed in the 1990 census.

For the first interview of the panel, Wave 1, we obtained interviews from occupants of about 35,100 of the 50,400 designated living quarters. We found most of the remaining 15,300 living quarters in the panel to be vacant, demolished, converted to nonresidential use, or otherwise ineligible for the survey. However, we did not interview approximately 5,400 of the 15,300 living quarters in the panel because the occupants, (1) refused to be interviewed, (2) could not be found at home, (3) were temporarily absent, or (4) were otherwise unavailable. Thus, occupants of about 87 percent of all eligible living quarters participated in the first interview of the panel.

¹ For questions or further assistance with the information provided in this document contact Jennifer A. Guarino of the Demographic Statistical Methods Division on (301) 763-6445 or via the e-mail using jennifer.a.guarino@census.gov.

For subsequent interviews, only original sample persons (those in Wave 1 sample households and interviewed in Wave 1) and persons living with them were eligible to be interviewed. We followed original sample persons if they moved to a new address, unless the new address was more than 100 miles from a SIPP sample area. Then, we attempted telephone interviews.

Sample households within a given panel are divided into four random subsamples of nearly equal size. These subsamples are called rotation groups and one rotation group is interviewed each month. Each household in the sample was scheduled to be interviewed at 4 month intervals over a period of roughly 4 years beginning in February 2001. The reference period for the questions is the 4-month period preceding the interview month. In general, one cycle of four interviews covering the entire sample, using the same questionnaire, is called a wave.

The public use files include core and supplemental (**topical module**) data. Core questions are repeated at each interview over the life of the panel. Topical modules include questions which are asked only in certain waves. The 2001 panel topical modules are given in Table 1.

Table 2 indicates the reference months and interview months for the collection of data from each rotation group for the 2001 panel. For example, Wave 1 rotation group 1 of the 2001 panel was interviewed in February 2001 and data for the reference months October 2000 through January 2001 were collected.

Estimation. We used several stages of weight adjustments in the estimation procedure to derive the SIPP cross-sectional person level weights. We gave each person a base weight (**BW**) equal to the inverse of probability of selection of a person's household. We applied two noninterview adjustment factors. One adjusted the weights of interviewed persons in interviewed households to account for households which were eligible for the sample but which field representatives could not interview at the first interview (F_{N1}). The second compensated for person noninterviews occurring in subsequent interviews (F_{N2}). We used a Duplication Control Factor (**DCF**) which adjusts for subsampling done in the field when the number of sample units is much larger than expected. We applied a Mover's Weight (**MW**), which adjusts for persons in the SIPP universe who move into sample households after wave 1. The last weight applied is the Second Stage Adjustment Factor (F_{2s}). This weight adjusts estimates to population controls and causes husbands' and wives' weights to be equal.

The final cross-sectional weight is $Fw_c = BW \times DCF \times F_{n1} \times F_{2s}$ for wave 1 and is $Fw_c = IW \times F_{n2} \times F_{2s}$ for waves 2+, where **IW** is either $BW \times DCF \times F_{n1}$ or **MW**. James (1995) and Siegel (1995a) describe SIPP cross-sectional weighting in greater detail.

Researchers both inside and outside the Census Bureau conducted evaluations of SIPP weighting methodology and researched alternative methodologies. Several improvements to SIPP weighting methods were implemented beginning with the 1996 panel. They are described below.

- We dropped the first stage factor (F_{1s}) from cross-sectional weighting. This factor adjusted for differences between the Census count of population and an estimate of that count based on Census data for sample PSUs. James (1994) found that it did not reduce variance as was previously believed. Jabine, et al (1990) describe the first stage factor used in earlier panels.
- We are using additional variables in nonresponse adjustment. We added high/low poverty stratum code to the Wave 1 nonresponse adjustment, and we added household income, geographic division, and number of imputations for selected income and asset items to the nonresponse adjustment for waves 2+. Research by Rizzo, et al (1994) and by Folsom and Witt (1994) pointed out the potential of the latter three variables in reducing nonresponse bias.
- We redefined nonresponse adjustment cells for waves 2+ weighting. We formed the nonresponse cells by successively partitioning data from five panels by whichever variable most reduced the bias of the household income to poverty threshold ratio. We used data from a sixth panel to evaluate the results. We calculated the nonresponse bias of six variables at waves two and seven for both the new cells and the original cells using initial weights and data from the most recent interview in the calculations. The new cells had lower bias for five of the six variables (Siegel, 1995b).

Research was conducted on a number of promising weighting improvements. Allen and Petroni (1994) reported on an adjustment for mover attrition. Folsom and Witt (1994) and Rizzo, et al (1994) studied alternative nonresponse adjustments using response propensity models. Each study computed weights using an alternative methodology. The researchers then compared estimates of various items to benchmarks. The benchmarks came from administrative records and survey data with less nonresponse than the SIPP. The comparisons did not provide strong evidence of lower bias using the alternative weighting methods.

Additional Methodology

Use of Weights. Each household and each person within each household on each wave tape has four weights. These four weights are reference month specific and therefore can be used only to form reference month estimates. Reference month estimates can be averaged to form estimates of monthly averages over some period of time.

Example, using the proper weights, one can estimate the monthly average number of households in a specified income range over November and December 2001. To estimate monthly averages of a given measure (such as, total, mean) over a number of consecutive months, sum the monthly estimates and divide by the number of months.

To form an estimate for a particular month, use the reference month weight for the month of interest, summing over all persons or households with the characteristic of interest whose reference period includes the month of interest. Multiply the sum by a factor to account for the

number of rotations contributing data for the month. This factor equals four divided by the number of rotations contributing data for the month. For example, December 2000 data is only available from rotations 1, 2, and 3 for Wave 1 of the 2001 panel (See Table 2), so a factor of 4/3 must be applied.

When estimates for months with less than four rotations worth of data are constructed from a wave file, factors greater than 1 must be applied. However, when core data from consecutive waves are used together, data from all four rotations may be available, in which case the factors are equal to 1.

These tapes contain no weight for characteristics that involve a persons's or household's status over two or more months (such as, number of households with a 50 percent increase in income between December 2000 and January 2001).

Producing Estimates for Census Regions and States. The total estimate for a region is the sum of the state estimates in that region. Using this sample, estimates for individual states are subject to very high variance and are not recommended. The state codes on the file are primarily of use in linking respondent characteristics with appropriate contextual variables (for example, state-specific welfare criteria) and for tabulating data by user-defined groupings of states.

ACCURACY OF ESTIMATES

SIPP estimates are based on a sample; they may differ somewhat from the figures that would have been obtained if a complete census had been taken using the same questionnaire, instructions, and enumerators. There are two types of errors possible in an estimate based on a sample survey: nonsampling and sampling. We are able to provide estimates of the magnitude of SIPP sampling error, but this is not true of nonsampling error. Found in the next sections are descriptions of sources of SIPP nonsampling error, followed by a discussion of sampling error, its estimation, and its effect in data analyses.

Nonsampling Error. Nonsampling errors can be attributed to many sources:

- inability to obtain information about all cases in the sample
- definitional difficulties
- differences in the interpretation of questions
- inability or unwillingness on the part of the respondents to provide correct information
- inability to recall information, errors made in the following: collection such as in recording or coding the data, processing the data, estimating values for missing data
- biases resulting from the differing recall periods caused by the interviewing pattern used
- and undercoverage.

Quality control and edit procedures were used to reduce errors made by respondents, coders and interviewers. More detailed discussions of the existence and control of nonsampling errors in the SIPP can be found in the *SIPP Quality Profile, 1998 SIPP Working Paper Number 230, issued May 1999*.

Undercoverage in SIPP results from missed living quarters and missed persons within sample households. It is known that undercoverage varies with age, race, and sex. Generally, undercoverage is larger for males than for females and larger for Blacks than for non-Blacks. Ratio estimation to independent age-race-sex population controls partially corrects for the bias due to survey undercoverage. However, biases exist in the estimates to the extent that persons in missed households or missed persons in interviewed households have characteristics different from those of interviewed persons in the same age-race-sex group. Further, the independent population controls used have been adjusted for undercoverage in the Census.

A common measure of survey coverage is the coverage ratio, the estimated population before ratio adjustment divided by the independent population control. The Table below shows SIPP coverage ratios for age-sex-race groups for one month-February 2001 prior to the weighting adjustment. The SIPP coverage ratios exhibit some variability from month to month, but these are a typical set of coverage ratios. Other Census Bureau household surveys [like the Current Population Survey] experience similar coverage.

SIPP Coverage Ratios - Age by Non-Black/Black Status and Sex

Age	Non-Black		Black	
	M	F	M	F
15	0.9175	1.1235	0.7044	0.7749
16-17	0.8640	0.9289	0.8826	0.9433
18-19	0.8620	0.8647	0.8274	0.8339
20-21	0.8848	0.8041	0.6255	0.9596
22-24	0.7859	0.8692	0.5857	0.6705
25-29	0.8022	0.8254	0.8504	0.8386
30-34	0.8721	0.9063	0.8792	0.7991
35-39	0.9212	0.9855	0.7119	0.8982
40-44	0.9058	0.9321	0.8059	0.9653
45-49	0.9009	0.9761	0.6856	0.7758
50-54	0.9667	0.9181	0.8993	1.2103
60-61	0.8405	0.8961	1.0210	0.9877
62-64	0.9866	1.0698	0.9914	0.9618
65-69	0.9304	0.9423	1.0646	0.7759
70-74	0.8836	0.9362	0.7896	1.3338
75-79	0.8952	1.0046	-----	0.9104
80-84	0.8974	0.9651	-----	-----
85+	0.9558	0.9669	-----	-----

These coverage ratios are for February 2001.

Comparability with Other Estimates. Caution should be exercised when comparing data from this with data from other SIPP products or with data from other surveys. The comparability problems are caused by such sources as the seasonal patterns for many characteristics, different nonsampling errors, and different concepts and procedures. Refer to the *SIPP Quality Profile* for known differences with data from other sources and further discussions.

Sampling Variability. Standard errors indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration, but do not measure any systematic biases in the data. The standard errors for the most part measure the variations that occurred by chance because a sample rather than the entire population was surveyed.

USES AND COMPUTATION OF STANDARD ERRORS

Confidence Intervals. The sample estimate and its standard error enable one to construct confidence intervals, ranges that would include the average result of all possible samples with a known probability. For example, if all possible samples were selected, each of these being surveyed under essentially the same conditions and using the same sample design, and if an estimate and its standard error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average result of all possible samples.
3. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average result of all possible samples.

The average estimate derived from all possible samples is or is not contained in any particular computed interval. However, for a particular sample, one can say with a specified confidence that the average estimate derived from all possible samples is included in the confidence interval.

Hypothesis Testing. Standard errors may also be used for hypothesis testing, a procedure for distinguishing between population characteristics using sample estimates. The most common types of hypotheses tested are 1) the population characteristics are identical versus 2) they are different. Tests may be performed at various levels of significance, where a level of significance is the probability of concluding that the characteristics are different when, in fact, they are identical.

To perform the most common test, compute the difference $X_A - X_B$, where X_A and X_B are sample estimates of the characteristics of interest. A later section explains how to derive an estimate of the standard error of the difference $X_A - X_B$. Let that standard error be S_{DIFF} . If $X_A - X_B$ is between -1.6 times S_{DIFF} and $+1.6$ times S_{DIFF} , no conclusion about the characteristics is justified at the 10 percent significance level. If, on the other hand, $X_A - X_B$ is smaller than -1.6 times S_{DIFF} or larger than $+1.6$ times S_{DIFF} , the observed difference is significant at the 10 percent level. In this event, it is commonly accepted practice to say that the characteristics are different. Of course, sometimes this conclusion will be wrong. When the characteristics are the same, there is a 10 percent chance of concluding that they are different.

Note that as more tests are performed, more erroneous significant differences will occur. For example, at the 10 percent significance level, if 100 independent hypothesis tests are performed in which there are no real differences, it is likely that about 10 erroneous differences will occur. Therefore, the significance of any single test should be interpreted cautiously.

Note Concerning Small Estimates and Small Differences. Because of the large standard errors involved, there is little chance that estimates will reveal useful information when computed on a base smaller than 200,000. Care must be taken in the interpretation of small differences since even a small amount of nonsampling error can cause a borderline difference to appear significant or not, thus distorting a seemingly valid hypothesis test.

Calculating Standard Errors for SIPP Estimates. There are three main ways we calculate the Standard Errors for SIPP Estimates. They are as follows:

- Replicate Weighting Methods,
 - Generalized Variance parameters (denoted as a and b),
 - Simplified tables using the a and b parameters.
- SIPP uses the Replicate Weighting Method to produce Generalized Variance parameters. Using the Generalized Variance parameters, we create simplified tables.

Standard Error Parameters and Tables and Their Use. Most SIPP estimates have greater standard errors than those obtained through a simple random sample because PSUs are sampled and clusters of living quarters are sampled for the SIPP in the area and new construction frames. To derive standard errors that would be applicable to a wide variety of estimates and could be prepared at a moderate cost, a number of approximations were required. Estimates with similar standard error behavior were grouped together and two parameters (denoted a and b) were developed to approximate the standard error behavior of each group of estimates. Because the actual standard error behavior was not identical for all estimates within a group, the standard errors computed from these parameters provide an indication of the order of magnitude of the standard error for any specific estimate. These a and b parameters vary by characteristic and by demographic subgroup to which the estimate applies. Table 3 provides base a and b parameters to be used for the 2001 panel estimates. Table 9 provides parameters for calculating 2001 topical module variances.

The factors provided in Table 4 when multiplied by the base parameters of Table 3 for a given subgroup and type of estimate give the a and b parameters for that subgroup and estimate type for the specified reference period. For example, the base a and b parameters for total number of households are -0.00002502 and 2,655, respectively. For Wave 1 the factor for October 2000 is 4 since only 1 rotation month of data is available. So, the a and b parameters for total household income in January 2001 based on Wave 1 are -0.00002502 and 2,655, respectively. Also for Wave 1, the factor for the first quarter of 2001 is 1.2222 since 9 rotation months of data are available (rotations 1 and 2 provide 1 and 2 rotation months, respectively, while rotations 3 and 4 provide 3 rotations months each). So the a and b parameters for total number of households in the first quarter of 2001 are -0.00003058 and 3,245, respectively for Wave 1.

The a and b parameters may be used to calculate the standard error for estimated numbers and percentages. Because the actual standard error behavior was not identical for all estimates within a group, the standard errors computed from these parameters provide an indication of the order of magnitude of the standard error for any specific estimate. Methods for using these parameter for computation of approximate standard errors are given in the following sections.

For those users who wish further simplification, we have also provided general standard errors in Tables 5 through 8. Note that these standard errors only apply when data from all four rotations are used and must be adjusted by a factor from Table 3. The standard errors resulting from this simplified approach are less accurate. Methods for using these parameters and tables for computation of standard errors are given in the following sections.

The procedures described below apply only to reference month estimates or averages of reference month estimates. Refer to the section "Use of Weights" for a more detailed discussion of the construction of estimates.

Variance stratum codes and half sample codes are included on the tapes to enable the user to compute the variances directly and more accurately by methods such as balanced repeated replications (BRR). William G. Cochran provides a list of references discussing the application of this technique. (See Sampling Techniques, 3rd Ed., New York: John Wiley and Sons, 1977, p. 321.)

Standard Errors of Estimated Numbers. The approximate standard error, s_x , of an estimated number of persons, households, families, unrelated individuals and so forth, can be obtained in two ways. Both apply when data from all four rotations are used to make the estimate. However, only the second method should be used when less than four rotations of data are available for the estimate. Note that neither method should be applied to dollar values.

The standard error may be obtained by the use of the formula

$$s_x = fs \tag{1}$$

where f is the appropriate f factor from Table 3, and s is the standard error on the estimate

obtained by interpolation from Table 5 or 6. Alternatively, s_x may be approximated by the formula

$$s_x = \sqrt{ax^2 + bx} \quad (2)$$

from which the standard errors in Tables 7 and 8 were calculated. Here x is the size of the estimate and a and b are the parameters associated with the particular type of characteristic being estimated. Use of formula 2 will provide more accurate results than the use of formula 1.

Illustration.

Suppose SIPP estimates for Wave 1 of the 2001 panel show that there were 1,700,000 black households with monthly household income above \$4,000. The appropriate parameters and factor from Table 3 and the appropriate general standard error from Table 5 are

$$a = -0.00017727 \quad b = 2,318 \quad f = 0.93 \quad s = 66,636$$

Using formula 1, the approximate standard error is

$$s_x = (0.93)(66,636) = 61,971$$

Using formula 2, the approximate standard error is

$$\sqrt{(-0.00017727)(1,700,000)^2 + (2,318)(1,700,000)} = 58,551$$

Using the standard error based on formula 2, the approximate 90-percent confidence interval as shown by the data is from 1,641,449 to 1,758,551. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90% of all samples.

Standard Error of a Mean. A mean is defined here to be the average quantity of some item (other than persons, families, or households) per person, family or household. For example, it could be the average monthly household income of females age 25 to 34. The standard error of a mean can be approximated by formula 3 below. Because of the approximations used in developing formula 3, an estimate of the standard error of the mean obtained from this formula will generally underestimate the true standard error. The formula used to estimate the standard error of a mean \bar{x} is

$$s_{\bar{x}} = \sqrt{\left(\frac{b}{y}\right) s^2} \quad (3)$$

where y is the size of the base, s^2 is the estimated population variance of the item and b is the parameter associated with the particular type of item.

The population variance s^2 may be estimated by one of two methods. In both methods, we assume x_i is the value of the item for unit "I." (Unit may be person, family, or household). To use the first method, the range of values for the item is divided into "c" intervals. The upper and lower boundaries of interval j are Z_{j-1} and Z_j , respectively. Each unit is placed into one of "c" groups such that $Z_{j-1} < x_i \leq Z_j$.

The estimated population variance, s^2 , is given by the formula:

$$s^2 = \sum_{j=1}^c p_j m_j^2 - \bar{x}^2, \quad (4)$$

where p_j is the estimated proportion of units in group j , and $m_j = (Z_{j-1} + Z_j)/2$. The most representative value of the item in group j is assumed to be m_j . If group "c" is open-ended, or there is no upper interval boundary exists, then an approximate value for m_c is

$$m_c = \frac{3}{2} Z_{c-1}.$$

The mean, \bar{x} can be obtained using the following formula:

$$\bar{x} = \sum_{j=1}^c p_j m_j$$

In the second method, the estimated population variance is given by

$$s^2 = \frac{\sum_{i=1}^n w_i x_i^2}{\sum_{i=1}^n w_i} - \bar{x}^2, \quad (5)$$

where there are n units with the item of interest and w_i is the final weight for unit "I" ($\sum w_i = Y$). The mean, \bar{x} , can be obtained from the formula

$$\bar{x} = \frac{\sum_{i=1}^n w_i x_i}{\sum_{i=1}^n w_i}.$$

Illustration.

Suppose that based on Wave 1 data, the distribution of monthly cash income for persons age 25 to 34 during the month of January 2001 is given in Table 10.

Using formula 4 and the mean monthly cash income of \$2,530 the approximate population variance, s^2 , is

$$s^2 = \left(\frac{1,371}{39,851} \right) (150)^2 + \left(\frac{1,651}{39,851} \right) (450)^2 + \dots + \left(\frac{1,493}{39,851} \right) (9,000)^2 - (2,530)^2 = 3,159,887.$$

Using formula 3 and the appropriate base b parameter from Table 3, the estimated standard error of a mean \bar{x} is

$$s_{\bar{x}} = \sqrt{\left(\frac{3,730}{39,851,000} \right) (3,159,887)} = \$17.20$$

Standard error of an aggregate. An aggregate is defined to be the total quantity of an item summed over all the units in a group. The standard error of an aggregate can be approximated using formula 6.

As with the estimate of the standard error of a mean, the estimate of the standard error of an aggregate will generally underestimate the true standard error. Let y be the size of the base, s^2 be the estimated population variance of the item obtained using formula (4) or (5) and b be the parameter associated with the particular type of item. The standard error of an aggregate is:

$$s_x = \sqrt{(b) (y) s^2} \tag{6}$$

Standard Errors of Estimated Percentages. The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more, e.g., the percent of people employed is more reliable than the estimated number of people employed. When the numerator and denominator of the percentage have different parameters, use the parameter (and appropriate factor) of the numerator. If proportions are presented instead of percentages, note that the standard error of a

proportion is equal to the standard error of the corresponding percentage divided by 100. There are two types of percentages commonly estimated. The first is the percentage of persons, families or households sharing a particular characteristic such as the percent of persons owning their own home. The second type is the percentage of money or some similar concept held by a particular group of persons or held in a particular form. Examples are the percent of total wealth held by persons with high income and the percent of total income received by persons on welfare.

For the percentage of persons, families, or households, the approximate standard error, $s_{(x,p)}$, of the estimated percentage p can be obtained by the formula

$$s_{(x,p)} = fs \tag{7}$$

when data from all four rotations are used to estimate p .

In this formula, f is the appropriate f factor from Table 3 and s is the standard error of the estimate from Table 7 or 8.

Alternatively, it may be approximated by the formula

$$s_{(x,p)} = \sqrt{\frac{b}{x} (p) (100-p)} \tag{8}$$

from which the standard errors in Tables 7 and 8 were calculated. Here x is the size of the subclass of social units which is the base of the percentage, p is the percentage ($0 < p < 100$), and b is the parameter associated with the characteristic in the numerator. Use of this formula will give more accurate results than use of formula 7 above and should be used when data from less than four rotations are used to estimate p .

Illustration.

Suppose that, in the month of January 2001, 6.7 percent of the 16,812,000 persons in nonfarm households with a mean monthly household cash income of \$4,000 to \$4,999, were black. Using formula 8 and the b parameter of 4,948 from Table 3 and a factor of 1 for the month of January 2001 from Table 4, the approximate standard error is

$$\sqrt{\frac{4,948}{(16,812,000)} (6.7) (100-6.7)} = 0.43 \text{ percent}$$

Consequently, the 90 percent confidence interval as shown by these data is from 6.3 to 7.1 percent.

For percentages of money, a more complicated formula is required. A percentage of money will usually be estimated in one of two ways. It may be the ratio of two aggregates:

$$P_I = 100 (X_A / X_N)$$

or it may be the ratio of two means with an adjustment for different bases:

$$P_I = 100 \left(\hat{p}_A \bar{x}_A / \bar{x}_N \right)$$

where x_A and x_N are aggregate money figures, \bar{x}_A and \bar{x}_N are mean money figures, and \hat{p}_A is the estimated number in group A divided by the estimated number in group N. In either case, we estimate the standard error as

$$s_I = \sqrt{\left(\frac{\hat{p}_A \bar{x}_A}{\bar{x}_N} \right)^2 \left[\left(\frac{s_p}{\hat{p}_A} \right)^2 + \left(\frac{s_A}{\bar{x}_A} \right)^2 + \left(\frac{s_B}{\bar{x}_N} \right)^2 \right]}, \quad (9)$$

where s_p is the standard error of \hat{p}_A , s_A is the standard error of \bar{x}_A and s_B is the standard error of \bar{x}_N . To calculate s_p , use formula 8. The standard errors of \bar{x}_N and \bar{x}_A may be calculated using formula 3.

It should be noted that there is frequently some correlation between \hat{p}_A , \bar{x}_N , and \bar{x}_A . Depending on the magnitude and sign of the correlations, the standard error will be over or underestimated.

Illustration.

Suppose that in January 2001, 9.8% of the households own rental property, the mean value of rental property is \$72,121, the mean value of assets is \$78,734, and the corresponding standard errors are 0.31%, \$5799, and \$2867. In total there are 86,790,000 households. Then, the percent of all household assets held in rental property is

$$= 100 \left((0.098) \frac{72121}{78734} \right) = 9.0\%$$

Using formula (9), the appropriate standard error is

$$s_I = \sqrt{\left(\frac{(0.098)(72121)}{78734} \right)^2 \left[\left(\frac{0.0031}{0.098} \right)^2 + \left(\frac{5799}{72121} \right)^2 + \left(\frac{2867}{78734} \right)^2 \right]}$$

$$= 0.008$$

$$= 0.8\%$$

Standard Error of a Difference. The standard error of a difference between two sample estimates is approximately equal to

$$s_{(x-y)} = \sqrt{s_x^2 + s_y^2} \quad (10)$$

where s_x and s_y are the standard errors of the estimates x and y . The estimates can be numbers, percents, ratios, etc. The above formula assumes that the correlation coefficient between the characteristics estimated by x and y is zero. If the correlation is really positive (negative), then this assumption will tend to cause overestimates (underestimates) of the true standard error.

Illustration.

Suppose that SIPP estimates show the number of persons age 35-44 years with monthly cash income of \$4,000 to \$4,999 was 3,186,000 in the month of January 2001 and the number of persons age 25-34 years with monthly cash income of \$4,000 to \$4,999 in the same time period was 2,619,000. Then, using parameters from Table 3 and formula 2, the standard errors of these numbers are approximately 108,189 and 98,224, respectively. The difference in sample estimates is 567,000 and using formula 10, the approximate standard error of the difference is

$$\sqrt{(108,189)^2 + (98,224)^2} = 146,126$$

Suppose that it is desired to test at the 10 percent significance level whether the number of persons with monthly cash income of \$4,000 to \$4,999 was different for persons age 35-44 years than for persons age 25-34 years. To perform the test, compare the difference of 567,000 to the product $1.6 \times 146,126 = 233,802$. Since the difference is less than 1.6 times the standard error of the difference, the data show that the two age groups are not significantly different at the 10 percent significance level.

Standard Error of a Median. The median quantity of some item such as income for a given group of persons, families, or households is that quantity such that at least half the group have as much or more and at least half the group have as much or less. The sampling variability of an estimated median depends upon the form of the distribution of the item as well as the size of the group. To calculate standard errors on medians, the procedure described below may be used.

An approximate method for measuring the reliability of an estimated median is to determine a confidence interval about it. (See the section on sampling variability for a general discussion of confidence intervals.) The following procedure may be used to estimate the 68-percent confidence limits and hence the standard error of a median based on sample data.

1. Determine, using either formula 7 or formula 8, the standard error of an estimate of 50 percent of the group.
2. Add to and subtract from 50 percent the standard error determined in step 1.

3. Using the distribution of the item within the group, calculate the quantity of the item such that the percent of the group with more of the item is equal to the smaller percentage found in step 2. This quantity will be the upper limit for the 68-percent confidence interval. In a similar fashion, calculate the quantity of the item such that the percent of the group with more of the item is equal to the larger percentage found in step 2. This quantity will be the lower limit for the 68-percent confidence interval.
4. Divide the difference between the two quantities determined in step 3 by two to obtain the standard error of the median.

To perform step 3, it will be necessary to interpolate. Different methods of interpolation may be used. The most common are simple linear interpolation and Pareto interpolation. The appropriateness of the method depends on the form of the distribution around the median. If density is declining in the area, then we recommend Pareto interpolation. If density is fairly constant in the area, then we recommend linear interpolation. Note, however, that Pareto interpolation can never be used if the interval contains zero or negative measures of the item of interest. Interpolation is used as follows. The quantity of the item such that p percent have more of the item is

$$X_{pN} = \exp\left[\left(\frac{\ln\left(\frac{pN}{N_1}\right)}{\ln\left(\frac{N_2}{N_1}\right)}\right) \ln\left(\frac{A_2}{A_1}\right)\right] A_1 \quad (11)$$

if Pareto Interpolation is indicated and

$$X_{pN} = \left[\frac{pN - N_1}{N_2 - N_1} (A_2 - A_1) + A_1 \right] \quad (12)$$

if linear interpolation is indicated, where

N is the size of the group,

A_1 and A_2 are the lower and upper bounds, respectively, of the interval in which X_{pN} falls,

N_1 and N_2 are the estimated number of group members owning more than A_1 and A_2 , respectively,

exp refers to the exponential function and

Ln refers to the natural logarithm function.

Illustration.

To illustrate the calculations for the sampling error on a median, we return to Table 10. The median monthly income for this group is \$2,158. The size of the group is 39,851,000.

1. Using formula 8, the standard error of 50 percent on a base of 39,851,000 is about 0.5 percentage points.
2. Following step 2, the two percentages of interest are 49.5 and 50.5.
3. By examining Table 10, we see that the percentage 49.5 falls in the income interval from 2000 to 2499. (Since 55.5% receive more than \$2,000 per month, the dollar value corresponding to 49.5 must be between \$2,000 and \$2,500). Thus, $A_1 = \$2,000$, $A_2 = \$2,500$, $N_1 = 22,106,000$, and $N_2 = 16,307,000$.

In this case, we decided to use Pareto interpolation. Therefore, the upper bound of a 68% confidence interval for the median is

$$\$2,000 \exp \left[\left(\text{Ln} \left(\frac{(.495)(39,851,000)}{22,106,000} \right) / \text{Ln} \left(\frac{16,307,000}{22,106,000} \right) \right) \text{Ln} \left(\frac{2,500}{2,000} \right) \right] = \$2174$$

Also by examining Table 10, we see that 50.5 falls in the same income interval. Thus, A_1, A_2, N_1 and N_2 are the same. We also use Pareto interpolation for this case. So the lower bound of a 68% confidence interval for the median is

$$\$2,000 \exp \left[\left(\text{Ln} \left(\frac{(.505)(39,851,000)}{22,106,000} \right) / \text{Ln} \left(\frac{16,307,000}{22,106,000} \right) \right) \text{Ln} \left(\frac{2,500}{2,000} \right) \right] = \$2142$$

Thus, the 68-percent confidence interval on the estimated median is from \$2142 to \$2174. An approximate standard error is

$$\frac{\$2174 - \$2142}{2} = \$16$$

Standard Errors of Ratios of Means and Medians. The standard error for a ratio of means or medians is approximated by:

$$s_{\frac{x}{y}} = \sqrt{\left(\frac{x}{y} \right)^2 \left[\left(\frac{s_y}{y} \right)^2 + \left(\frac{s_x}{x} \right)^2 \right]} \quad (13)$$

where x and y are the means or medians, and s_x and s_y are their associated standard errors. Formula 13 assumes that the means are not correlated. If the correlation between the population means estimated by x and y are actually positive (negative), then this procedure will tend to produce overestimates (underestimates) of the true standard error for the ratio of means.

Standard Errors Using SAS or SPSS. Standard errors and their associated variance, calculated by SAS or SPSS statistical software package, do not accurately reflect the SIPP's complex sample design. Erroneous conclusions will result if these standard errors are used directly. We provide adjustment factors by characteristics that should be used to correctly compensate for likely underestimates. The factors called DEFF available in Table 4, must be applied to SAS or SPSS generated variances. The square root of DEFF can be directly applied to similarly generated standard errors. These factors approximate design effects which adjust statistical measures for sample designs more complex than simple random sample.

Table 1. 2001 Panel Topical Modules

<u>Wave</u>	<u>Topical Module</u>
1	Reciency History and Employment History
2	Work Disability; Education & Training; Marital; Migration; and Fertility Histories; and Household Relationships
3	Eligibility and Assets & Liabilities; Medical Expenses/Utilization of Health Care - Adults and Children; Work Related Expenses and Child Support Paid
4	Annual Income & Retirement Accounts; Taxes; Work Schedule; and Child Care
5	School Enrollment & Financing; Child Support; Support for Non-Household Members; Disability; Employer Provided Health Benefits
6	Assets, Liabilities, and Eligibility; Medical Expenses/Utilization of Health Care - Adults and Children; Work Related Expenses and Child Support Paid
7	Annual Income & Retirement Accounts; Taxes; and Retirement & Pension Plan Coverage; Home Health Care; Children's Well-Being
8	Adult Well-Being; Child Support Agreements; Support for Non-Household Members; Functional Limitations and Disability - Adults and Children
9	Eligibility and Assets & Liabilities; Medical Expenses/Utilization of Health Care - Adult and Children; Work Related Expenses and Child Support Paid

Table 2. Reference Months for Each Interview Month - 2001 Panel

Month of Interview	Wave/ Rotation	Reference Period																					
		<u>4th Quarter</u> (2000)			<u>1st Quarter</u> (2001)			<u>2nd Quarter</u> (2001)			<u>3rd Quarter</u> (2001)			<u>4th Quarter</u> (2001)			...	<u>3rd Quarter</u> (2003)			<u>4th Quarter</u> (2003)		
		O	N	D	J	F	M	A	M	J	J	A	S	O	N	D		M	J	J	A	S	O
Feb 01	1/1	1	2	3	4																		
March	1/2		1	2	3	4																	
April	1/3			1	2	3	4																
May	1/4				1	2	3	4															
June	2/1					1	2	3	4														
July	2/2						1	2	3	4													
Aug	2/3							1	2	3	4												
Sept	2/4								1	2	3	4											
Oct	3/1									1	2	3	4										
Nov	3/2										1	2	3	4									
Dec	3/3											1	2	3	4								
Jan 02	3/4												1	2	3	4							
Feb	4/1																						
March	4/2																						
April	4/3																						
May	4/4																						
June	8/1																						
July	8/2																						
Aug	8/3																2	3	4				
Sept	8/4																1	2	3	4			
Oct	9/1																	1	2	3	4		
Nov	9/2																		1	2	3	4	
Dec	9/3																				1	2	3
Jan 04	9/4																					1	2

Table 3: SIPP Indirect Generalized Variance Parameters for the 2001 Panel

Characteristics	Parameters			
	a	b	DEFF	f
PEOPLE				
16+ Poverty and Program Participation	-0.00002150	4,551	1.88	0.88
Male	-0.00004463	4,551	1.88	0.88
Female	-0.00004151	4,551	1.88	0.88
16+ Income and Labor Force	-0.00001763	3,730	1.55	0.80
Male	-0.00003658	3,730	1.55	0.80
Female	-0.00003402	3,730	1.55	0.80
Other (Person) Items	-0.00002129	5,879	2.44	1.00
Male	-0.00004357	5,879	2.44	1.00
Female	-0.00004165	5,879	2.44	1.00
Black (Person) Items	-0.00014001	4,948	2.05	0.92
Male	-0.00030350	4,948	2.05	0.92
Female	-0.00025988	4,948	2.05	0.92
Hispanic (Person) Items	-0.00025768	6,165	2.56	1.02
Male	-0.00050525	6,165	2.56	1.02
Female	-0.00052586	6,165	2.56	1.02
HOUSEHOLDS				
Total or White	-0.00002502	2,655	1.10	1.00
Black	-0.00017727	2,318	0.96	0.93
Hispanic	-0.00041964	3,185	1.32	1.10

Note 1: Use the "Other (Person) Items" parameters for tabulations of persons 15+ in the labor force, retirement tabulations, 0+ program participation, 0+ benefits, 0+ income, and 0+ labor force tabulations, in addition to any other types of person tabulations not specifically covered by another characteristic in this Table.

Table 4. Factors to be Applied to Table 6 Base Parameters to Obtain Parameters for Various Reference Periods

<u># of available rotation months¹</u>	<u>factor</u>
Monthly estimate	
1	4.0000
2	2.0000
3	1.3333
4	1.0000
1st Quarter 2001 to 4th Quarter 2004	1.000

Note 1: The number of available rotation months for a given estimate is the sum of the number of rotations available for each month of the estimate.

Table 5. Standard Errors of Estimated Numbers of Households, Families, or Unrelated People (Numbers in Thousands)

Size of Estimate	Standard Error	Size of Estimate	Standard Error
200	23	25,000	225
300	28	30,000	239
500	36	40,000	257
750	44	50,000	265
1,000	51	60,000	263
2,000	72	70,000	251
3,000	88	75,000	229
5,000	115	80,000	190
7,500	136	90,000	124
10,000	155	100,000	102
15,000	185	105,000	54

Table 6. Standard Errors of Estimated Numbers of People (Numbers in Thousands)

Size of Estimate	Standard Error	Size of Estimate	Standard Error
200	34	90,000	597
300	42	100,000	612
500	54	110,000	624
750	66	120,000	632
1,000	77	130,000	636
2,000	108	140,000	637
3,000	132	150,000	635
5,000	170	160,000	629
7,500	207	170,000	620
10,000	238	180,000	607
15,000	289	190,000	590
25,000	366	200,000	569
30,000	396	210,000	544
40,000	448	220,000	513
50,000	491	230,000	475
60,000	525	240,000	429
70,000	554	250,000	373
75,000	567	260,000	298
80,000	578	275,500	59

Table 7. Standard Errors of Estimated Percentages of Households, Families, or Unrelated People

Base of Estimated Percentage (Thousands)	Estimated Percentages					
	<=1 or >=99	2 or 98	5 or 95	10 or 90	25 or 75	50
200	1.15	1.61	2.51	3.46	4.99	5.76
300	0.94	1.32	2.05	2.82	4.07	4.70
500	0.72	1.02	1.59	2.19	3.16	3.64
750	0.59	0.83	1.30	1.78	2.58	2.97
1,000	0.51	0.72	1.12	1.55	2.23	2.58
2,000	0.36	0.51	0.79	1.09	1.58	1.82
3,000	0.30	0.42	0.65	0.89	1.29	1.49
5,000	0.23	0.32	0.50	0.69	1.00	1.15
7,500	0.19	0.26	0.41	0.56	0.81	0.94
10,000	0.16	0.23	0.36	0.49	0.71	0.81
15,000	0.13	0.19	0.29	0.40	0.58	0.67
25,000	0.10	0.14	0.22	0.31	0.45	0.52
30,000	0.09	0.13	0.21	0.28	0.41	0.47
40,000	0.08	0.11	0.18	0.24	0.35	0.41
50,000	0.07	0.10	0.16	0.22	0.32	0.36
60,000	0.07	0.09	0.14	0.20	0.29	0.33
70,000	0.06	0.09	0.13	0.18	0.27	0.31
75,000	0.06	0.09	0.13	0.18	0.26	0.30
80,000	0.06	0.08	0.13	0.17	0.25	0.28
90,000	0.05	0.08	0.12	0.16	0.24	0.27
100,000	0.05	0.07	0.11	0.15	0.22	0.26
105,000	0.05	0.07	0.11	0.15	0.22	0.25

Table 8. Standard Errors of Estimated Percentages of People

Base of Estimated Percentage (Thousands)	Estimated Percentages					
	<=1 or >=99	2 or 98	5 or 95	10 or 90	25 or 75	50
200	1.71	2.40	3.74	5.14	7.42	8.57
300	1.39	1.96	3.05	4.20	6.06	7.00
600	0.98	1.39	2.16	2.97	4.29	4.95
1,000	0.76	1.07	1.67	2.30	3.32	3.83
2,000	0.54	0.76	1.18	1.63	2.35	2.71
5,000	0.34	0.48	0.75	1.03	1.48	1.71
7,500	0.28	0.39	0.61	0.84	1.21	1.40
10,000	0.24	0.34	0.53	0.73	1.05	1.21
15,000	0.20	0.28	0.43	0.59	0.86	0.99
20,000	0.17	0.24	0.37	0.51	0.74	0.86
25,000	0.15	0.21	0.33	0.46	0.66	0.77
30,000	0.14	0.20	0.31	0.42	0.61	0.70
50,000	0.11	0.15	0.24	0.33	0.47	0.54
75,000	0.09	0.12	0.19	0.27	0.38	0.44
100,000	0.08	0.11	0.17	0.23	0.33	0.38
125,000	0.07	0.10	0.15	0.21	0.30	0.34
150,000	0.06	0.09	0.14	0.19	0.27	0.31
200,000	0.05	0.08	0.12	0.16	0.23	0.27
225,000	0.05	0.07	0.11	0.15	0.22	0.26
250,000	0.05	0.07	0.11	0.15	0.21	0.24
260,000	0.05	0.07	0.10	0.14	0.21	0.24
275,500	0.05	0.06	0.10	0.14	0.20	0.23

Table 9. 2001 Wave 1 Topical Module Generalized Variance Parameters

	<u>a</u>	<u>b</u>
Employment History		
Both Sexes 18+	-0.00001833	3730
Males 18+	-0.00003812	3730
Females 18+	-0.00003529	3730
Reciency History		
Both Sexes 18+	-0.00002236	4551
Males 18+	-0.00004651	4551
Females 18+	-0.00004305	4551

Use the "15+ Income and Labor Force" core parameter for tabulations of reasons for not working/reservation wage and work related income.

Table 10. Distribution of Monthly Cash Income Among Persons 25 to 34 Years Old

	Total	under \$300	\$300 to \$599	\$600 to \$899	\$900 to \$1,199	\$1,200 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$3,499	\$3,500 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 and over
Thousands in interval	39,85	1371	165	225	2734	3452	6278	5799	4730	3723	2519	2619	1223	1493
Percent with at least as much as lower bound of interval	--	100.0	96.6	92.4	86.7	79.9	71.2	55.5	40.9	29.1	19.7	13.4	6.8	3.7

CONTROL COUNTS

Item	ScFac	Total	NonNum	NegNum	Val - R	Val - D	Val - 0	0	1	2	3	4	5	6	7	8	9
SSUSEQ	3	90408	0	0	0	0	0	1597	1852	1786	1695	1733	1745	1720	1660	1893	1762
SSUID	0	90408	90408	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPANEL	2	90408	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWAVE	0	90408	0	0	0	0	0	0	90408	0	0	0	0	0	0	0	0
SROTATON	0	90408	0	0	0	0	0	0	22870	22657	22469	22412	0	0	0	0	0
TFI PSST	0	90408	0	0	0	0	0	0	1349	209	0	2016	738	10969	0	1038	1110
SHHADID	1	90408	0	0	0	0	0	0	90408	0	0	0	0	0	0	0	0
SINTHHID	1	90408	0	0	0	0	0	0	90408	0	0	0	0	0	0	0	0
EOUTCOME	1	90408	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RFID	1	90408	0	0	0	0	0	87731	2591	83	3	0	0	0	0	0	0
RFID2	1	90408	0	2841	0	0	0	85382	2099	83	3	0	0	0	0	0	0
EPPI DX	1	90408	0	0	0	0	0	90243	165	0	0	0	0	0	0	0	0
EENTAID	1	90408	0	0	0	0	0	0	90408	0	0	0	0	0	0	0	0
EPPPNUM	2	90408	0	0	0	0	0	0	90408	0	0	0	0	0	0	0	0
EPOPSTAT	0	90408	0	0	0	0	0	0	69549	20859	0	0	0	0	0	0	0
EPPINTVW	0	90408	0	0	0	0	0	0	45728	22554	1267	0	20859	0	0	0	0
EPPM S4	0	90408	0	0	0	0	0	0	90408	0	0	0	0	0	0	0	0
ESEX	0	90408	0	0	0	0	0	0	43503	46905	0	0	0	0	0	0	0
ERACE	0	90408	0	0	0	0	0	0	72737	12826	1234	3611	0	0	0	0	0
EORIGIN	0	90408	0	0	0	0	0	0	394	887	5568	1141	388	8379	243	5101	2793
WPFINWGT	8	90408	0	0	0	0	2	90300	103	1	0	2	0	0	0	0	0
ERRP	0	90408	0	0	0	0	0	0	23898	11208	17826	28088	1570	902	941	1809	92
TAGE	0	90408	0	0	0	0	1228	0	1424	1422	1359	1361	1358	1353	1399	1439	1408
EMS	0	90408	0	0	0	0	0	0	36610	883	4547	6848	1634	39886	0	0	0
EPNSPOUS	2	90408	0	0	0	0	0	0	36610	0	0	0	0	0	0	0	0
EPNMDM	2	90408	0	0	0	0	0	0	29685	0	0	0	0	0	0	0	0
EPNDAD	2	90408	0	0	0	0	0	0	22405	0	0	0	0	0	0	0	0
EPNGUARD	2	90408	0	63240	0	0	0	0	26775	0	0	0	0	0	0	0	0
RDESGPNT	0	90408	0	20859	0	0	0	0	25422	44127	0	0	0	0	0	0	0
EEDUCATE	0	90408	0	20859	0	0	0	0	0	0	0	0	0	0	0	0	0
ELGTKEY	6	90408	0	0	0	0	0	1597	1852	1786	1695	1733	1745	1720	1660	1893	1762
ERCUNV	0	90408	0	73728	0	0	0	0	16680	0	0	0	0	0	0	0	0
EYBG120M	0	90408	0	89870	0	0	0	0	42	31	33	39	42	41	43	46	64
AYBG120M	0	90408	0	0	0	0	90245	0	0	24	139	0	0	0	0	0	0
TYBG120Y	2	90408	0	89870	0	0	0	0	0	0	0	0	0	0	0	0	0
AYBG120Y	0	90408	0	0	0	0	90342	0	0	0	66	0	0	0	0	0	0
EWBG120M	0	90408	0	89151	0	0	0	0	112	99	93	85	93	96	83	107	117
AWBG120M	0	90408	0	0	0	0	90178	0	0	47	183	0	0	0	0	0	0

TWBG120Y	2	90408	0	89151	0	0	0	0	0	0	0	0	0	0	0	0	0
AWBG120Y	0	90408	0	0	0	0	90310	0	0	16	82	0	0	0	0	0	0
EFBG120M	0	90408	0	88257	0	0	0	0	211	136	121	98	115	171	109	153	264
AFBG120M	0	90408	0	0	0	0	89639	0	0	376	393	0	0	0	0	0	0
TFBG120Y	2	90408	0	88257	0	0	0	0	0	0	0	0	0	0	0	0	0
AFBG120Y	0	90408	0	0	0	0	90119	0	115	0	174	0	0	0	0	0	0
TKCOVB1Y	2	90408	0	89909	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB1Y	0	90408	0	0	0	0	90075	0	0	0	333	0	0	0	0	0	0
EKCOVB1M	0	90408	0	89909	0	0	0	0	39	46	46	42	35	49	43	40	42
AKCOVB1M	0	90408	0	0	0	0	90050	0	0	5	353	0	0	0	0	0	0
TKCOVB3Y	2	90408	0	90220	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB3Y	0	90408	0	0	0	0	90243	0	0	0	165	0	0	0	0	0	0
EKCOVB3M	0	90408	0	90220	0	0	0	0	19	14	11	17	10	17	16	15	26
AKCOVB3M	0	90408	0	0	0	0	90242	0	0	5	161	0	0	0	0	0	0
TKCOVB4Y	2	90408	0	90401	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB4Y	0	90408	0	0	0	0	90402	0	0	0	6	0	0	0	0	0	0
EKCOVB4M	0	90408	0	90401	0	0	0	0	1	0	0	1	0	0	1	0	2
AKCOVB4M	0	90408	0	0	0	0	90402	0	0	0	6	0	0	0	0	0	0

Item	ScFac	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
SSUSEQ	3	1780	2012	1862	1774	1776	1744	1706	1774	1692	1804	1714	1874	1663	1737	1877
SSUID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPANEL	2	0	0	0	0	0	0	0	0	0	0	90408	0	0	0	0
SWAVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SROTATON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TFIPSSST	0	285	223	5414	2439	0	222	504	4103	1888	882	959	1375	1422	0	1429
SHHADID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SINTHHID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EOUTCOME	1	0	0	0	0	0	0	0	0	0	0	90408	0	0	0	0
RFID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RFID2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPIDX	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EENTAID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPPNUM	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPOPSTAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPINTVW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPMS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESEX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERACE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EORIGIN	0	1520	693	1703	1197	711	398	240	1777	0	0	3978	3804	125	1144	469
WFFLNWGT	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERRP	0	1646	1232	268	928	0	0	0	0	0	0	0	0	0	0	0
TAGE	0	1458	1485	1375	1400	1390	1352	1380	1291	1271	1182	1202	1132	1100	1181	1107
EMS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNSPOUS	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNMDM	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNDAD	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNGUARD	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RDESGPNT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EEDUCATE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ELGTKEY	6	1780	2012	1862	1774	1776	1744	1706	1774	1692	1804	1714	1874	1663	1737	1877
ERCUNV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYBG120M	0	62	45	50	0	0	0	0	0	0	0	0	0	0	0	0
AYBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TYBG120Y	2	0	0	0	0	0	0	0	0	0	346	192	0	0	0	0
AYBG120Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EWBG120M	0	129	118	125	0	0	0	0	0	0	0	0	0	0	0	0
AWBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TWBG120Y	2	0	0	0	0	0	0	0	0	0	714	543	0	0	0	0
AWBG120Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EFBG120M	0	270	249	254	0	0	0	0	0	0	0	0	0	0	0	0
AFBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TFBG120Y	2	0	0	0	0	0	0	0	0	0	1228	923	0	0	0	0

AFBG120Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TKCOVB1Y	2	0	0	0	0	0	0	0	0	0	451	48	0	0	0	0
AKCOVB1Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EKCOVB1M	0	52	31	34	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB1M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TKCOVB3Y	2	0	0	0	0	0	0	0	0	0	170	18	0	0	0	0
AKCOVB3Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EKCOVB3M	0	16	13	14	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB3M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TKCOVB4Y	2	0	0	0	0	0	0	0	0	0	6	1	0	0	0	0
AKCOVB4Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EKCOVB4M	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB4M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Item	ScFac	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
SSUSEQ	3	1668	1806	1839	1841	1644	1869	1966	2071	1725	1871	1708	1738	1695	1772	1774
SSUID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPANEL	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWAVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SROTATON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TFIPSSST	0	1861	2944	1808	1190	2217	503	801	498	435	2734	325	5701	2787	0	3405
SHHADID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SINTHHID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EOUTCOME	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RFID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RFID2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPIDX	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EENTAID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPPNUM	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPOPSTAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPINTVW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPMS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESEX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERACE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EORIGIN	0	785	668	327	630	0	10374	1403	271	2565	446	382	0	0	0	7427
WFFLNWGT	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERRP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAGE	0	1097	1160	1123	1256	1353	1314	1269	1274	1260	1331	1292	1432	1433	1420	1505
EMS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNSPOUS	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNDOM	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNDAD	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNGUARD	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RDESGPNT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EEDUCATE	0	0	0	0	0	0	0	358	774	1403	2743	2770	3152	3180	1352	20371
ELGTKEY	6	1668	1806	1839	1841	1644	1869	1966	2071	1725	1871	1708	1738	1695	1772	1774
ERCUNV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AYBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TYBG120Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AYBG120Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EWBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AWBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TWBG120Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AWBG120Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EFBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AFBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TFBG120Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

AFBG120Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TKCOVB1Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB1Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EKCOVB1M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB1M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TKCOVB3Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB3Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EKCOVB3M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB3M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TKCOVB4Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB4Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EKCOVB4M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB4M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Item	ScFac	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
SSUSEQ	3	1726	1634	1704	1827	1771	1771	1817	1772	1809	1910	1448	0	0	0	0
SSUID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPANEL	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWAVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SROTATON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TFIPSSST	0	1243	1053	4016	0	274	1302	0	1636	6884	739	0	2266	0	1739	675
SHHADID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SINTHHID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EOUTCOME	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RFID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RFID2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPIDX	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EENTAID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPPNUM	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPOPSTAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPINTVW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPMS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESEX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERACE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EORIGIN	0	22477	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WPFINWGT	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERRP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAGE	0	1519	1447	1465	1457	1490	1343	1337	1290	1278	1243	1208	1097	1044	1162	1117
EMS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNSPOUS	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNDOM	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNDAD	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNGUARD	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RDESGPNT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EEDUCATE	0	12357	2362	2082	2107	9685	3431	824	598	0	0	0	0	0	0	0
ELGTKEY	6	1726	1634	1704	1827	1771	1771	1817	1772	1809	1910	1448	0	0	0	0
ERCUNV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AYBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TYBG120Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AYBG120Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EWBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AWBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TWBG120Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AWBG120Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EFBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AFBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TFBG120Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

AFBG120Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TKCOVB1Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB1Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EKCOVB1M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB1M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TKCOVB3Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB3Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EKCOVB3M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB3M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TKCOVB4Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB4Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EKCOVB4M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB4M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Item	ScFac	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69
SSUSEQ	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SSUID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPANEL	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWAVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SROTATON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TFIPSSST	0	1797	0	0	0	0	0	483	518	0	0	0	0	0	0	0
SHHADID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SINTHHID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EOUTCOME	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RFID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RFID2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPIDX	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EENTAI D	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPPNUM	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPOPSTAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPINTVW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPMS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESEX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERACE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EORIGIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WPFINWGT	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERRP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAGE	0	889	870	839	876	810	730	668	691	655	648	675	625	596	561	583
EMS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNSPOUS	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNDOM	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNDAD	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNGUARD	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RDESGPNT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EEDUCATE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ELGTKEY	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERCUNV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AYBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TYBG120Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AYBG120Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EWBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AWBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TWBG120Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AWBG120Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EFBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AFBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TFBG120Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

AFBG120Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TKCOVB1Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB1Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EKCOVB1M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB1M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TKCOVB3Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB3Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EKCOVB3M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB3M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TKCOVB4Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB4Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EKCOVB4M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB4M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Item	ScFac	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
SSUSEQ	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SSUID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPANEL	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWAVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SROTATON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TFIPSSST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHHADID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SINTHHID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EOUTCOME	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RFID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RFID2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPIDX	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EENTAI D	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPPNUM	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPOPSTAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPINTVW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPMS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESEX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERACE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EORIGIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WPFINWGT	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERRP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAGE	0	598	593	550	534	558	490	474	449	405	409	394	302	292	300	1040
EMS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNSPOUS	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNMDM	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNDAD	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNGUARD	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RDESGPNT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EEDUCATE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ELGTKEY	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERCUNV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AYBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TYBG120Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AYBG120Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EWBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AWBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TWBG120Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AWBG120Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EFBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AFBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TFBG120Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

AFBG120Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TKCOVB1Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB1Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EKCOVB1M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB1M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TKCOVB3Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB3Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EKCOVB3M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB3M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TKCOVB4Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB4Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EKCOVB4M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB4M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Item	ScFac	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
SSUSEQ	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SSUID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPANEL	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWAVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SROTATON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TFIPSSST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHHADID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SINTHHID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EOUTCOME	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RFID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RFID2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPIDX	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EENTAID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPPNUM	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPOPSTAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPINTVW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPPMS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESEX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERACE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EORIGIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WPFINWGT	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERRP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAGE	0	231	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPNSPOUS	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53798
EPNMDM	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60723
EPNDAD	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68003
EPNGUARD	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	393
RDESGPNT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EEDUCATE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ELGTKEY	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERCUNV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AYBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TYBG120Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AYBG120Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EWBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AWBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TWBG120Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AWBG120Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EFBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AFBG120M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TFBG120Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

AFBG120Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TKCOVB1Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB1Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EKCOVB1M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB1M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TKCOVB3Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB3Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EKCOVB3M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB3M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TKCOVB4Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB4Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EKCOVB4M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKCOVB4M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Item	ScFac	Total	NonNum	NegNum	Val - R	Val - D	Val - 0	0	1	2	3	4	5	6	7	8	9
EARCUNV	0	90408	0	24882	0	0	0	0	65526	0	0	0	0	0	0	0	0
ECURFS	0	90408	0	87998	0	0	0	0	1045	1365	0	0	0	0	0	0	0
ACURFS	0	90408	0	0	0	0	90273	0	135	0	0	0	0	0	0	0	0
EAPLFS	0	90408	0	27292	0	0	0	0	5861	57255	0	0	0	0	0	0	0
AAPLFS	0	90408	0	0	0	0	86770	0	3638	0	0	0	0	0	0	0	0
ERECVFS	0	90408	0	84547	0	0	0	0	4661	1200	0	0	0	0	0	0	0
ARECVFS	0	90408	0	0	0	0	89948	0	460	0	0	0	0	0	0	0	0
EFSTRM	0	90408	0	84702	0	0	0	0	1060	492	518	405	360	799	341	365	428
AFSTRM	0	90408	0	0	0	0	87748	0	2660	0	0	0	0	0	0	0	0
TFSSTRYR	2	90408	0	84702	0	0	0	0	0	0	0	0	0	0	0	0	0
AFSTRYR	0	90408	0	0	0	0	89436	0	578	102	292	0	0	0	0	0	0
EFSLM	0	90408	0	84702	0	0	0	0	484	599	620	553	476	545	283	363	428
AFSLM	0	90408	0	0	0	0	88069	0	2339	0	0	0	0	0	0	0	0
TFSLY	2	90408	0	84702	0	0	0	0	0	0	0	0	0	0	0	0	0
AFSLY	0	90408	0	0	0	0	89527	0	573	54	254	0	0	0	0	0	0
TFSTIMES	0	90408	0	84702	0	0	0	0	3762	905	326	164	176	373	0	0	0
AFSTIMES	0	90408	0	0	0	0	89558	0	850	0	0	0	0	0	0	0	0
ECURAFDC	0	90408	0	89815	0	0	0	0	199	394	0	0	0	0	0	0	0
ACURAFDC	0	90408	0	0	0	0	90310	0	98	0	0	0	0	0	0	0	0
EAPLAFDC	0	90408	0	76734	0	0	0	0	1850	11824	0	0	0	0	0	0	0
AAPLAFDC	0	90408	0	0	0	0	89899	0	509	0	0	0	0	0	0	0	0
ERCVAFDC	0	90408	0	88558	0	0	0	0	1538	312	0	0	0	0	0	0	0
ARCVAFDC	0	90408	0	0	0	0	90318	0	90	0	0	0	0	0	0	0	0
EAFDCSTM	0	90408	0	88671	0	0	0	0	386	138	139	105	117	188	102	124	123
AAFDCSTM	0	90408	0	0	0	0	89675	0	733	0	0	0	0	0	0	0	0
TAFDCSTY	2	90408	0	88671	0	0	0	0	0	0	0	0	0	0	0	0	0
AAFDCSTY	0	90408	0	0	0	0	90181	0	85	13	129	0	0	0	0	0	0
EAFDCLM	0	90408	0	88671	0	0	0	0	223	144	146	147	147	208	87	112	139
AAFDCLM	0	90408	0	0	0	0	89715	0	693	0	0	0	0	0	0	0	0
TAFDCLY	2	90408	0	88671	0	0	0	0	0	0	0	0	0	0	0	0	0
AAFDCLY	0	90408	0	0	0	0	90177	0	101	7	123	0	0	0	0	0	0
TAFDCTIM	0	90408	0	88671	0	0	0	0	1109	279	120	65	48	116	0	0	0
AAFDCCTIM	0	90408	0	0	0	0	90151	0	257	0	0	0	0	0	0	0	0
ECURSSI	0	90408	0	88347	0	0	0	0	585	1476	0	0	0	0	0	0	0
ACURSSI	0	90408	0	0	0	0	89226	0	1182	0	0	0	0	0	0	0	0
EAPLSSI	0	90408	0	26943	0	0	0	0	1417	62048	0	0	0	0	0	0	0
AAPLSSI	0	90408	0	0	0	0	87991	0	2417	0	0	0	0	0	0	0	0
ERECVSSI	0	90408	0	88991	0	0	0	0	495	922	0	0	0	0	0	0	0
ARECVSSI	0	90408	0	0	0	0	90346	0	62	0	0	0	0	0	0	0	0
ESSISTRM	0	90408	0	89328	0	0	0	0	243	62	68	117	66	161	55	43	90
ASSISTRM	0	90408	0	0	0	0	89731	0	677	0	0	0	0	0	0	0	0
TSSISTRY	2	90408	0	89328	0	0	0	0	0	0	0	0	0	0	0	0	0
ASSISTRY	0	90408	0	0	0	0	89951	0	369	36	52	0	0	0	0	0	0

ESSILM	0	90408	0	89328	0	0	0	74	158	146	209	177	114	27	26	45
ASSILM	0	90408	0	0	0	0	89852	0	556	0	0	0	0	0	0	0
TSSILY	2	90408	0	89328	0	0	0	0	0	0	0	0	0	0	0	0
ASSILY	0	90408	0	0	0	0	89993	0	370	13	32	0	0	0	0	0
EAHI UNV	0	90408	0	20859	0	0	0	69549	0	0	0	0	0	0	0	0
TCDBEGYR	2	90408	0	84315	0	0	0	0	0	0	0	0	0	0	0	0
ACDBEGYR	0	90408	0	0	0	0	87814	0	2594	0	0	0	0	0	0	0
ECDBEGMD	0	90408	0	86380	0	0	0	505	293	275	236	180	890	181	332	261
ACDBEGMD	0	90408	0	0	0	0	87665	0	2743	0	0	0	0	0	0	0
EHIALLCV	0	90408	0	38027	0	0	0	38811	13570	0	0	0	0	0	0	0
AHIALLCV	0	90408	0	0	0	0	87100	0	3308	0	0	0	0	0	0	0
THI NOYR	2	90408	0	76838	0	0	0	0	0	0	0	0	0	0	0	0
AHI NOYR	0	90408	0	0	0	0	90004	0	0	32	372	0	0	0	0	0

Item	ScFac	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
EARCUNV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ECURFS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACURFS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EAPLFS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AAPLFS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERECVFS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARECVFS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EFSTRM	0	387	308	243	0	0	0	0	0	0	0	0	0	0	0	0
AFSTRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TFSSTRYR	2	0	0	0	0	0	0	0	0	0	5325	381	0	0	0	0
AFSSTRYR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EFSLM	0	402	357	596	0	0	0	0	0	0	0	0	0	0	0	0
AFSLM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TFSLY	2	0	0	0	0	0	0	0	0	0	4213	1493	0	0	0	0
AFSLY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TFSTIMES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AFSTIMES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ECURAFDC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACURAFDC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EAPLAFDC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AAPLAFDC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERCVAFDC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCVAFDC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EAFDCSTM	0	106	123	86	0	0	0	0	0	0	0	0	0	0	0	0
AAFDCSTM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAFDCSTY	2	0	0	0	0	0	0	0	0	0	1654	83	0	0	0	0
AAFDCSTY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EAFDCLM	0	107	107	170	0	0	0	0	0	0	0	0	0	0	0	0
AAFDCLM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAFDCLY	2	0	0	0	0	0	0	0	0	0	1348	389	0	0	0	0
AAFDCLY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAFDCTIM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AAFDCCTIM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ECURSSI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACURSSI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EAPLSSI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AAPLSSI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERECVSSI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARECVSSI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESSISTRM	0	76	45	54	0	0	0	0	0	0	0	0	0	0	0	0
ASSISTRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TSSI STRY	2	0	0	0	0	0	0	0	0	0	1023	57	0	0	0	0
ASSI STRY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ESSILM	0	23	32	49	0	0	0	0	0	0	0	0	0	0	0	0
ASSILM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TSSILY	2	0	0	0	0	0	0	0	0	0	512	568	0	0	0	0
ASSILY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EAHI UNV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TCDBEGYR	2	0	0	0	0	0	0	0	0	0	3783	2310	0	0	0	0
ACDBEGYR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ECDBEGMD	0	276	308	291	0	0	0	0	0	0	0	0	0	0	0	0
ACDBEGMD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHI ALLCV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AHI ALLCV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THI NOYR	2	0	0	0	0	0	0	0	0	0	11963	1607	0	0	0	0
AHI NOYR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Item	ScFac	Total	NonNum	NegNum	Val - R	Val - D	Val - 0	0	1	2	3	4	5	6	7	8	9
EHI NOMTH	0	90408	0	87708	0	0	0	0	217	107	177	151	199	267	201	284	332
AHI NOMTH	0	90408	0	0	0	0	89971	0	147	32	258	0	0	0	0	0	0
EHI EVRCV	0	90408	0	73253	0	0	0	0	8676	8479	0	0	0	0	0	0	0
AHI EVRCV	0	90408	0	0	0	0	88530	0	1878	0	0	0	0	0	0	0	0
THI CVYR	2	90408	0	81732	0	0	0	0	0	0	0	0	0	0	0	0	0
AHI CVYR	0	90408	0	0	0	0	89665	0	0	36	707	0	0	0	0	0	0
EHI CVMTH	0	90408	0	87104	0	0	0	0	245	160	178	149	184	318	202	254	416
AHI CVMTH	0	90408	0	0	0	0	89720	0	177	36	475	0	0	0	0	0	0
EAEMUNV	0	90408	0	29178	0	0	0	61230	0	0	0	0	0	0	0	0	0
TLSTWRKY	2	90408	0	73674	0	0	2534	0	0	0	0	0	0	0	0	0	0
ALSTWRKY	0	90408	0	0	0	0	88455	0	1793	160	0	0	0	0	0	0	0
ELSTWRKM	0	90408	0	85889	0	0	0	0	351	229	274	266	277	485	364	597	520
ALSTWRKM	0	90408	0	0	0	0	89468	0	718	222	0	0	0	0	0	0	0
TPRVJBYR	2	90408	0	87863	0	0	242	0	0	0	0	0	0	0	0	0	0
APRVJBYR	0	90408	0	0	0	0	90098	0	207	103	0	0	0	0	0	0	0
EPRVJBMN	0	90408	0	88495	0	0	0	0	113	43	64	62	78	135	119	217	319
APRVJBMN	0	90408	0	0	0	0	89892	0	223	293	0	0	0	0	0	0	0
TFRMYR	2	90408	0	78299	0	0	0	0	0	0	0	0	0	0	0	0	0
AFRMYR	0	90408	0	0	0	0	88478	0	1801	129	0	0	0	0	0	0	0
EFRMRN	0	90408	0	87058	0	0	0	0	558	273	260	284	363	518	230	237	213
AFRMRN	0	90408	0	0	0	0	89511	0	698	199	0	0	0	0	0	0	0
TMAKNYR	2	90408	0	31954	0	0	1036	0	0	0	0	0	0	0	0	0	0
AMAKNYR	0	90408	0	0	0	0	84262	0	6086	0	60	0	0	0	0	0	0
EMNRESN	0	90408	0	86596	0	0	0	0	513	17	60	721	507	115	223	1443	213
AMNRESN	0	90408	0	0	0	0	89994	0	414	0	0	0	0	0	0	0	0
EYRSINCE	0	90408	0	33020	0	0	0	0	36074	21314	0	0	0	0	0	0	0
AYRSINCE	0	90408	0	0	0	0	86407	0	4001	0	0	0	0	0	0	0	0
EYRSINC2	1	90408	0	69094	0	0	0	11909	4534	1845	995	1072	943	16	0	0	0
AYRSINC2	0	90408	0	0	0	0	85745	0	4639	24	0	0	0	0	0	0	0
EWRK35HR	0	90408	0	32990	0	0	0	0	47493	9925	0	0	0	0	0	0	0
AWRK35HR	0	90408	0	0	0	0	87496	0	2912	0	0	0	0	0	0	0	0
EOFF6MTN	0	90408	0	42637	0	0	0	0	9027	38744	0	0	0	0	0	0	0
AOFF6MTN	0	90408	0	0	0	0	86168	0	4230	10	0	0	0	0	0	0	0
TNOWRKFR	2	90408	0	81381	0	0	0	0	0	0	0	0	0	0	0	0	0
ANOWRKFR	0	90408	0	0	0	0	89026	0	1138	53	191	0	0	0	0	0	0
TNOWRKTO	2	90408	0	81381	0	0	0	0	0	0	0	0	0	0	0	0	0
ANOWRKTO	0	90408	0	0	0	0	89073	0	1140	8	187	0	0	0	0	0	0
ENWRESN	0	90408	0	81381	0	0	0	0	8155	522	350	0	0	0	0	0	0
ANWRESN	0	90408	0	0	0	0	89580	0	828	0	0	0	0	0	0	0	0
EOTHIME	0	90408	0	81381	0	0	0	0	1778	7249	0	0	0	0	0	0	0
AOTHIME	0	90408	0	0	0	0	89595	0	813	0	0	0	0	0	0	0	0
ECNTOTHR	0	90408	0	88630	0	0	0	0	1026	408	175	67	47	13	10	4	4
ACNTOTHR	0	90408	0	0	0	0	89953	0	450	3	2	0	0	0	0	0	0

TFSTYRFR	2	90408	0	88630	0	0	0	0	0	0	0	0	0	0	0	0
AFSTYRFR	0	90408	0	0	0	0	89652	0	481	133	142	0	0	0	0	0
TFSTYRTO	2	90408	0	88630	0	0	0	0	0	0	0	0	0	0	0	0
AFSTYRTO	0	90408	0	0	0	0	89597	0	618	6	187	0	0	0	0	0
EFRSTRSN	0	90408	0	88630	0	0	0	1664	69	45	0	0	0	0	0	0
AFRSTRSN	0	90408	0	0	0	0	89951	0	457	0	0	0	0	0	0	0
FILLER	0	90408	0	0	0	0	17439	0	0	0	0	0	0	0	0	0

Item	ScFac	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
EHI NOMTH	0	249	237	279	0	0	0	0	0	0	0	0	0	0	0	0
AHI NOMTH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHI EVRCV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AHI EVRCV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THI CVYR	2	0	0	0	0	0	0	0	0	0	6433	2243	0	0	0	0
AHI CVYR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHI CVMTH	0	384	353	461	0	0	0	0	0	0	0	0	0	0	0	0
AHI CVMTH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EAEMUNV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TLSTWRKY	2	0	0	0	0	0	0	0	0	0	11052	3148	0	0	0	0
ALSTWRKY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ELSTWRKM	0	447	358	351	0	0	0	0	0	0	0	0	0	0	0	0
ALSTWRKM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TPRVJBYR	2	0	0	0	0	0	0	0	0	0	668	1635	0	0	0	0
APRVJBYR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPRVJBMN	0	282	251	230	0	0	0	0	0	0	0	0	0	0	0	0
APRVJBMN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TFRMYR	2	0	0	0	0	0	0	0	0	0	10088	2021	0	0	0	0
AFRMYR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EFRMRN	0	181	133	100	0	0	0	0	0	0	0	0	0	0	0	0
AFRMRN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMAKNYR	2	0	0	0	0	0	0	0	0	0	56803	615	0	0	0	0
AMAKNYR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMNRESN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AMNRESN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYRSINCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AYRSINCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYRSINC2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AYRSINC2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EWRK35HR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AWRK35HR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EOFF6MTN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AOFF6MTN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TNOWRKFR	2	0	0	0	0	0	0	0	0	0	8498	529	0	0	0	0
ANOWRKFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TNOWRKTO	2	0	0	0	0	0	0	0	0	0	6231	2796	0	0	0	0
ANOWRKTO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENWRESN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANWRESN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EOTHIME	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AOTHIME	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ECNTOTHR	0	8	0	6	3	0	0	0	0	0	1	1	0	1	3	0
ACNTOTHR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TFSTYRFR	2	0	0	0	0	0	0	0	0	0	1764	14	0	0	0	0
AFSTYRFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TFSTYRTO	2	0	0	0	0	0	0	0	0	0	1764	14	0	0	0	0
AFSTYRTO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EFRSTRSN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AFRSTRSN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILLER	0	15975	0	0	0	0	0	0	0	0	0	15424	0	0	0	0

Item	ScFac	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
EH1 NOMTH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AH1 NOMTH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EH1 EVRCV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AH1 EVRCV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TH1 CVYR	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AH1 CVYR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EH1 CVMTH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AH1 CVMTH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EAEMUNV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TLSTWRKY	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALSTWRKY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ELSTWRKM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALSTWRKM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TPRVJBYR	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
APRVJBYR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPRVJBMN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
APRVJBMN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TFRMYR	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AFRMYR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EFRMRN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AFRMRN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMAKMYR	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AMAKMYR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMNRESN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AMNRESN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYRSINCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AYRSINCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYRSINC2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AYRSINC2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EWRK35HR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AWRK35HR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EOFF6MTN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AOFF6MTN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TNOWRKFR	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANOWRKFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TNOWRKTO	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANOWRKTO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENWRESN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANWRESN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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ACNTOTHR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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AFSTYRFR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TFSTYRTO	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AFSTYRTO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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AFRSTRSN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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AHI NOMTH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHI EVRCV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AHI EVRCV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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AMAKNYR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMNRESN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AMNRESN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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APPENDIX A

2001 SIPP WAVE 1 TOPICAL MODULE QUESTIONNAIRE

Table of Contents

A. Recipiency History Topical Module 1

B. Employment History Topical Module 5

Section A. Reciprocity History Topical Module

-CURFS-

Besides the food stamps you received during the last four months, have there been any other times when you were authorized to receive food stamps?

- (1) Yes
- (2) No

-APLFS-

Have you ever applied for the Federal Government's Food Stamp Program?

- (1) Yes
- (2) No

-RECVFS-

Have you EVER been authorized to receive food stamps?

- (1) Yes
- (2) No

-FSWHEN-

When did you first start receiving food stamps?

MONTH: ____
YEAR: ____

-TMFSLONG-

When did you last receive food stamps?

MONTH: ____
YEAR: ____

-TMFSTIME-

How many times in all have there been when you received food stamps?

-CURADC-

Besides the public assistance such as AFDC, TANF or [state's name public assistance] received during the last four months, have there been any other times when you were authorized to receive public assistance?

- (1) Yes
 - (2) No
-

-APLAFDC-

Have you EVER applied for public assistance such as AFDC, TANF or [state's name public assistance]?

- (1) Yes
 - (2) No
-

-RECVAFDC-

Have you EVER received any public assistance benefits such as AFDC, TANF or [state's name public assistance]?

- (1) Yes
 - (2) No
-

-AFDCWHEN-

When did you first start receiving public assistance benefits such as AFDC, TANF or [state's name public assistance]?

MONTH: ____
YEAR: ____

-TMAFDCLG-

When did you last receive public assistance such as AFDC, TANF or [state's name public assistance]?

MONTH: ____

YEAR: ____

-AFDCTIME-

How many times in all have there been when you received public assistance such as AFDC, TANF or [state's name public assistance]?

-CURSSI-

Besides the Supplemental Security Income you received during the last four months, have there been any other times when you were authorized to receive Supplemental Security Income benefits?

(1) Yes

(2) No

-APLSSI-

Have you EVER applied for benefits from the program called SSI or Supplemental Security Income?

(1) Yes

(2) No

-RECVSSI-

Have you EVER received SSI benefits?

(1) Yes

(2) No

-SSIWHEN-

When did you first start receiving SSI benefits?

MONTH: ____

YEAR: ____

-TMSSILNG-

When did you last receive SSI?

MONTH: ____

YEAR: ____

End of Recipency History Topical Module

Section B. Employment History Topical Module

-EMPHINTRO-

Now I have some questions about your previous jobs or businesses.

PRESS ENTER TO CONTINUE

-LSTWRKY1-

In what year did you last work at a paid job or business?

ENTER (N) FOR NEVER WORKED

YEAR: ____

-LSTWRKM1-

In what month was that?

MONTH: ____

-PRVJOBYR-

Before [reference month 1], in what year did you last work at a paid job or business?

ENTER (N) FOR NEVER WORKED AT ANOTHER JOB/BUSINESS

YEAR: ____

-PRVJOBMN-

In what month was that?

MONTH: ____

-FRMRYR-

In what year did you START that job or business?

YEAR: _____

-FRMRMN-

In what month was that?

MONTH: _____

-SIXMTHYR-

How old were you when you FIRST worked 6 straight months at some job or business?

IF THE RESPONDENT PROVIDES AN AGE, ENTER THE RESPONSE IN THE "AGE" SPACE; IF THE RESPONDENT PREFERS TO ANSWER IN TERMS OF A CALENDAR YEAR, ENTER THE YEAR (THAT IS, 19--) IN THE "YEAR" SPACE. PRESS ENTER TO MOVE TO "YEAR" SPACE.) WE ARE ONLY INTERESTED IN WORK AFTER AGE 15. ENTER AN AGE OR YEAR AFTER THE RESPONDENT TURNED 15.

ENTER (N) FOR NEVER WORKED MORE THAN 6 STRAIGHT MONTHS AT A JOB OR BUSINESS

AGE: _____ OR YEAR: _____

-YRSIXMTH-

That would be around [calculated month/year]. Is that correct?

- (1) Yes
 - (2) No
-

-SXMTHYR2-

I'm sorry. What year was it?

YEAR: _____

-NO6REASN-

What is the main reason you never worked at a paid job or business?

- (1) Taking care of a minor child
- (2) Taking care of an elderly family member
- (3) Taking care of a disabled but non-elderly family member
- (4) Other family or home responsibilities
- (5) Own illness or disability
- (6) Could not find work
- (7) Did not want to work
- (8) Going to school
- (9) Other

-YRSINCE-

Did you work at least 6 straight months during each year?

- (1) Yes
- (2) No

-YRSINCE2-

There have been [#] years since [calculated month/year].
In how many of those [#] years did you NOT work 6 straight months?

ENTER NUMBER OF YEARS OR (A) FOR ALL

NUMBER OF YEARS: _____

-WRK35HR-

During the time you have worked, have you generally worked 35 or more hours per week?

- (1) Yes
 - (2) No
-

-OFF6MTH-

Since [calculated month/year] have there been any periods lasting 6 months or longer when you did not work at a paid job or business because you were taking care of a child, an elderly person, or a disabled person?

- (1) Yes
- (2) No

-NOWRKSPL-

When was the MOST RECENT time period that this happened?
Please report the beginning and ending years of the period.

FROM: _____ TO: _____

-NWRESN-

(ASK OR VERIFY)

At that time which ONE of the following were you taking care of ...?

READ ALL ANSWERS. ENTER ONLY ONE RESPONSE.

- (1) A minor child
- (2) An elderly family member
- (3) A disabled but non-elderly family member

-OTHTIMES-

Since [calculated month/year] were there any other periods of 6 months or longer when you did not work at a paid job or business because you were taking care of a child, an elderly person, or a disabled person?

- (1) Yes
- (2) No

-CNTOTHR-

How many other times did this happen?

-FRSTYR-

When was the first time that this happened?

FROM: _____ TO: _____

-FRSTRSN-

(ASK OR VERIFY)

At that time which ONE of the following were you taking care of ...?

READ ALL ANSWERS. ENTER ONLY ONE RESPONSE.

- (1) A minor child
 - (2) An elderly family member
 - (3) A disabled but non-elderly family member
-

APPENDIX B

Working Papers

This appendix provides a list of SIPP Working Papers. These papers are available on the Census Bureau's Internet site <http://www.census.gov>

Old	New	
(8401)	1	(Update No. 1, Revised 12/85) "An Overview of the Survey of Income and Program Participation," D. NELSON, D. B. MCMILLEN, and D. KASPRZYK (Census Bureau)
(8501)	2	"The Survey of Income and Program Participation: Uses and Applications," K. S. SHORT (Census Bureau)
(8502)	3	"Applications of a Matched File Linking the Bureau of the Census Survey of Income and Program Participation and Economic Data," S. HABER (The George Washington University)
(8503)	4	"Using the Survey of Income and Program Participation for Research on the Older Population," D. B. MCMILLEN, C. M. TAEUBER, and J. MARKS (Census Bureau)
(8504)	5	"Summary of the Content of the 1984 Panel of the Survey of Income and Program Participation," D. T. FRANKEL (Census Bureau)
(8505)	6	"Enhancing Data from the Survey of Income and Program Participation with Data from Economic Censuses and Surveys," D. K. SATER (Census Bureau)
(8506)	7	"Methodologies for Imputing Longitudinal Survey Items," V. J. HUGGINS, L. WEIDMAN, and M. E. SAMUHEL (Census Bureau)
(8507)	8	"New Household Survey and the CPS: A Look at Labor Force Differences," P. M. RYSCAVAGE (Census Bureau) and J. E. BREGGER (Bureau of Labor Statistics)
(8601)	9	"Some Aspects of SIPP," compiled and edited by R. A. HERRIOT and D. KASPRZYK (Census Bureau)
(8602)	10	"Nonsampling Error Issues in the SIPP," G. KALTON (University of Michigan), D. B. MCMILLEN, and D. KASPRZYK (Census Bureau)
(8603)	11	"An Investigation of Model-Based Imputation Procedures Using Data from the Income Survey Development Program," V. J. HUGGINS and L. WEIDMAN (Census Bureau)
(8604)	12	"Food Stamp Participation: A Comparison of SIPP with Administrative Records," S. CARLSON and R. DALRYMPLE (Food and Nutrition Service)
(8605)	13	"SIPP Longitudinal Household Estimation for the Proposed Longitudinal Definition," L. R. ERNST (Census Bureau)
(8606)	14	"A Comparison of Seven Imputation Procedures for the 1979 Panel of the Income Survey Development Program," V. J. HUGGINS (Census Bureau)

APPENDIX B - WORKING PAPERS

Old	New	
(8607)	15	"An Investigation of the Imputation of Monthly Earnings for the Survey of Income and Program Participation Using Regression Models," V. J. HUGGINS and L. WEIDMAN (Census Bureau)
(8608)	16	"Evaluation of Training Materials and Methods for the Survey of Income and Program Participation," M. HOLT (Survey Research Consultant)
(8609)	17	"Patterns of Household Composition and Family Status Change," C. F. CITRO (ASA/Census Research Fellow), and H. W. WATTS (Department of Economics, Columbia University)
(8610)	18	"Composite Estimation for SIPP:A Preliminary Report," R. P. CHAKRABARTY (Census Bureau)
(8611)	19	"Longitudinal Household Concepts in SIPP: Preliminary Results," C. F. CITRO (ASA/Census Research Fellow), D. J. HERNANDEZ, and R. A. HERRIOT (Census Bureau)
(8612)	20	"Following Children in the Survey of Income and Program Participation," E. K. MCARTHUR, and K. S. SHORT (Census Bureau)
(8613)	21	"SIPP Labor Force Transitions: Problems and Promises," P. RYSCAV AGE and K. S. SHORT (Census Bureau)
(8614)	22	"Augmenting Data Reported in the Survey of Income and Program Participation with Administrative Record Data--A Brief Discussion," D. K. SATER (Census Bureau)
(8701)	23	"Tracking Persons Over Time," A. C. JEAN and E. K. MCARTHUR (Census Bureau)
(8702)	24	"Preliminary Data from the SIPP 1983-84 Longitudinal Research File," J. F. CODER, D. BURKHEAD, A. FELDMAN-HARKINS, and J. MCNEIL (Census Bureau)
(8703)	25	"Work Experience Data from SIPP," P. RYSCAVAGE and A. FELDMAN-HARKINS (Census Bureau)
(8704)	26	"The Treatment of Person-Wave Nonresponse in Longitudinal Surveys," G. KALTON, J. LEPKOWSKI, S. HEERINGA, TING-KWONG LIN, and M. E. MILLER (Survey Research Center, University of Michigan)
(8705)	27	"SIPP: Filling Data Gaps on the Poverty and Social Welfare Fronts," P. RYSCAVAGE (Census Bureau)
(8706)	28	"Response Errors in Labor Surveys: Comparisons of Self and Proxy," D. HILL (University of Michigan)
(8707)	29	"Differences Between SIPP and Food and Nutrition Service Program Data on Child Nutrition and WIC Program Participation," L. KU and R. DALRYMPLE (Food and Nutrition Service, U.S. Department of Agriculture)
(8708)	30	"Quality Profile for the Survey of Income and Program Participation," K. KING, R. PETRONI, and R. SINGH (Census Bureau)

SIPP FILES

Old	New	
(8709)	31	"Survey of Income and Program Participation (SIPP) Sample Loss and the Efforts to Reduce It," D. NELSON, C. BOWIE, and A. WALKER (Census Bureau)
(8710)	32	"The Impact of Imputation Procedures on Distributional Characteristics of the Low Income Population," P. DOYLE (Mathematica Policy Research), and R. DALRYMPLE (Food and Nutrition Service, U.S. Department of Agriculture)
(8711)	33	"Job Tenure, Lifetime Work Interruptions and Wage Differentials," J. MCNEIL, E. LAMAS (Census Bureau), and S. HABER (The George Washington University)
(8712)	34	"Measuring the Bias in Gross Flows in the Presence of Auto-Correlated Response Errors," D. HUBBLE (Census Bureau), and D. JUDKINS (Westat, Inc.)
(8713)	35	"Investigation of Possible Causes of Transition Patterns from SIPP," L. WEIDMAN (Census Bureau)
(8714)	36	"Household and Income Sources: Monthly Averages for 1984," J. MOORMAN (Census Bureau)
(8715)	37	"Creating SIPP Longitudinal Files Using OSIRIS IV," M. SERVAIS (University of Michigan)
(8716)	38	"Transition In and Out of Poverty: New Data from the Survey of Income and Program Participation," P. RUGGLES (The Urban Institute), and R. WILLIAMS (Congressional Budget Office)
(8717)	39	"On Their Own: The Self-Employed and Others in Private Business," S. HABER (The George Washington University), E. LAMAS (Census Bureau), and J. LICHTENSTEIN (U.S. Small Business Administration)
(8718)	40	"Factors Associated with Household Net Worth," E. LAMAS and J. MCNEIL (Census Bureau)
(8719)	41	"Exploring Changes in Health Care Coverage Using the SIPP Longitudinal Research File," D. BURKHEAD and A. FELDMAN and HARKINS (Census Bureau)
(8720)	42	"The Analysis of Geographical Mobility and Life Events with the SIPP," D. DAHMANN and E. MCARTHUR (Census Bureau)
(8721)	43	"A Review of the Use of Administrative Records in the Survey of Income and Program Participation," C. BOWIE and D. KASPRZYK (Census Bureau)
(8722)	44	"Survey of Income and Program Participation Update," D. KASPRZYK (Census Bureau)
(8723)	45	"Measuring Poverty with the SIPP and the CPS," R. WILLIAMS (Congressional Budget Office)
(8724)	46	"The Statistical Invisible Minority Aged," C. TAEUBER (Census Bureau), and E. ATTAH (Atlanta University)

Old	New	
(8725)	47	"An Analysis of the SIPP Asset and Liability Feedback Experiment," E. LAMAS and J. MCNEIL (Census Bureau)
(8801)	48	"The Impact of the Unit of Analysis on Measures of Serial Multiple Program Participation," P. DOYLE and S. K. LONG (Mathematica Policy Research, Inc.)
(8802)	49	"Short-Term Fluctuations in Income and Their Impacts on the Characteristics of the Low-Income Population: New Data from the Survey of Income and Program Participation," P. RUGGLES (The Urban Institute)
(8803)	50	"Residential Mobility of One-Person Households," J. WITTE and H. LAHMANN (German Institute for Economic Research)
(8804)	51	"Year-Apart Estimates of Household Net Worth from the Survey of Income and Program Participation," J. MCNEIL and E. LAMAS (Census Bureau)
(8805)	52	"Measuring Poverty and Crises: A Comparison of Annual and Subannual Accounting Periods Using the Survey of Income and Program Participation," M. DAVID and J. FITZGERALD (Institute for Research on Poverty)
(8806)	53	"Using Administrative Record Data to Evaluate the Quality of Survey Estimates," J. MOORE and K. MARQUIS (Census Bureau)
(8807)	54	"The Wealth of the Aged and Nonaged, 1984," D. RADNER (Social Security Administration)
(8808)	55	"Examining the Dynamics of Health Insurance Loss: A Tale of Two Cohorts, A. C. MONHEIT and C. L. SCHUR (National Center for Health Services Research)
(8809)	56	"The Dynamics of Medicaid Enrollment," P. FARLEY-SHORT, J. A. CANTOR and A. C. MONHEIT (National Center for Health Services Research)
(8810)	57	"The Discouraged Worker Effect: A Reappraisal Using Spell Duration Data, A. MARTINI (University of Wisconsin-Madison)
(8811)	58	"Income as a Proxy for the Economic Status of the Elderly," D. J. CHOLLET and R. B. FRIEDLAND (Employee Benefit Research Institute)
(8812)	59	"The SIPP: Data from the Social Security Administration's 1987 Annual Statistical Supplement."
(8813)	60	"Participation in Industrial Training Programs," S. HABER (The George Washington University)
(8814)	61	"A Methodological Study Using Administrative Records: The Special Frames Study of the Income Survey Development Program," W. J. LOGAN (Social Security Administration),. D. KASPRZYK and R. CAVANAUGH (Census Bureau)
(8815)	62	"The Effect of Income Taxation on Labor Supply When Deductions are Endogenous, R. K. TRIEST (The Johns Hopkins University)

SIPP FILES

Old	New	
(8816)	63	"A Comparison of Gross Changes in Labor Force Status from SIPP and CPS," P. RYSCAVAGE and A. FELDMAN-HARKINS (Census Bureau)
(8817)	64	"How are the Elderly Housed? New Data from the 1984 Survey of Income and Program Participation," A. GOLDSTEIN (Census Bureau)
(8818)	65	"Welfare Recipient as Observed in the SIPP," J. CODER (Census Bureau) and P. RUGGLES (The Urban Institute)
(8819)	66	"Reservation Wages and Subsequent Acceptance Wages of Unemployed Persons, P. RYSCAVAGE (Census Bureau)
(8820)	67	"Selected References from the Income Survey Development Program (ISDP) and Survey of Income and Program Participation (SIPP)."
(8821)	68	"Training, Wage Growth, Firm Size," S. HABER (The George Washington University) and E. LAMAS (Census Bureau)
(8822)	69	"Defining and Measuring Nonmetro Poverty: Results from the Survey of Income and Program Participation," R. HOPPE (Economic Research Service, U.S. Department of Agriculture)
(8823)	70	"Nonresponse Adjustment Methods for Demographic Surveys at the U.S. Bureau of the Census," R. SINGH and R. PETRONI (Census Bureau)
(8824)	71	"Testing Telephone Interviewing in the Survey of Income and Program Participation and Some Early Results," S. DURANT and P. GBUR (Census Bureau)
(8825)	72	"Excluding Sample that Misses Some Interviews from SIPP Longitudinal Estimates," L. R. ERNST and D. GILLMAN (Census Bureau)
(8826)	73	"The Employment of Mothers and the Prevention of Poverty," M. HILL (University of Michigan) and H. HARTMANN (Rutgers University)
(8827)	74	"Using Administrative Record Data to Describe SIPP Response Errors," J. MOORE and K. MARQUIS (Census Bureau)
(8828)	75	"A Look at Welfare Dependency Using the 1984 SIPP Panel File," J. CODER, D. BURKHEAD, and A. FELDMAN-HARKINS (Census Bureau)
(8829)	76	"Census Bureau Microdata: Providing Useful Research Data While Protecting the Anonymity of Respondents," G. GATES (Census Bureau)
(8830)	77	"The Survey of Income and Program Participation: An Overview and Discussion of Research Issues," D. KASPRZYK (Census Bureau)
(8901)	78	"Quality of SIPP Estimates," R. P. SINGH, L. WEIDMAN, and G. SHAPIRO (Census Bureau)
(8902)	79	"Two Notes on Sampling Variance Estimates from the 1984 SIPP Public-Use Files," B. BYE and S. J. GALLICCHIO (Social Security Administration)

APPENDIX B - WORKING PAPERS

Old	New	
(8903)	80	"Longitudinal vs. Retrospective Measures of Work Experience," P. RYSCAVAGE and J. CODER (Census Bureau)
(8904)	81	"Analyzing the Characteristics of Blacks: A Comparison of Data from SIPP and CPS," R. FARLEY and L. J. NEIDERT (University of Michigan)
(8905)	82	"Enhanced Demographic-Economic Data Sets," R. HERRIOT, C. BOWIE, D. KASPRZYK, and S. HABER (Census Bureau)
(8906)	83	"Reflections on the Income Estimates from the Initial Panel of the Survey of Income and Program Participation (SIPP)," D. VAUGHAN (Social Security Administration)
(8907)	84	"Measuring Spells of Unemployment and Their Outcomes," P. RYSCAVAGE (Census Bureau)
(8908)	85	"Welfare Dependency and its Causes: Determinants of the Duration of Welfare Spells," P. RUGGLES (The Urban Institute)
(8909)	86	"Measuring the Duration of Poverty Spells," P. RUGGLES (The Urban Institute) and R. WILLIAMS (Congressional Budget Office)
(8910)	87	"Methods of Processing Unit Data Longitudinally on the SIPP," K. SMITH (Congressional Budget Office)
(8911)	88	"Composite Estimation for SIPP Annual Estimates," R. P. CHAKRABARTY (Census Bureau)
(8912)	89	"Research and Evaluation Conducted on the Survey of Income and Program Participation," R. PETRONI, T. CARMODY, and V. HUGGINS (Census Bureau)
(8913)	90	"A Poisson Model of Response and Procedural Error Analysis of SIPP Reinterview Data," D. HILL (University of Michigan)
(8914)	91	"The Economic Resources of the Elderly," S. CRYSTAL and D. SHEA (Rutgers University)
(8915)	92	"Multivariate Analysis by Users of SIPP Micro-Data Files" R. P. CHAKRABARTY (Census Bureau)
(8916)	93	"A Resource-Based Model of Living Arrangements among the Unmarried Elderly," J. E. MUTCHLER and J. A. BURR (University of Buffalo)
(8917)	94	"Measuring Household Change at the Individual Level Using Data from SIPP," A. SPEARE, JR. and R. AVERY (Brown University)
(8918)	95	"The Effect of Child Care Costs on Married Women's Labor Force Participation, R. CONNELLY (Bowdoin College)
(8919)	96	"Income and Assets of Social Security Beneficiaries by Type of Benefit," S. GRAD (Social Security Administration)

SIPP FILES

Old	New	
(8920)	97	"Development and Evaluation of a Survey-Based Type of Benefit Classification for the Social Security Program," D. VAUGHAN (Social Security Administration)
(8921)	98	"Wave Seam Effects in the SIPP," N. YOUNG (The Urban Institute)
(8922)	99	"Components of Longitudinal Household Change for 1984-1985: An Evaluation of National Estimates from the SIPP," D. J. HERNANDEZ (Census Bureau)
(8923)	100	"Database Design for Large-Scale, Complex Data," M. H. DAVID and A. ROBBIN (University of Wisconsin)
(8924)	101	"Measuring the Frequency and Consequences of Job Separations: Data from the Survey of Income and Program Participation," J. MCNEIL and E. LAMAS (Census Bureau)
(8925)	102	"The Regular Receipt of Child Support: A Multi-Step Process," J. PETERSON and C. NORD (Child Trends, Inc.)
(8926)	103	"The Potential for Comparative Panel Research Using Data from the Survey of Income and Program Participation and the German Socio-Economic Panel, J. C. WITTE (Harvard University)
(8927)	104	"Offer Arrivals Versus Acceptance: Interpreting Demographic Reemployment Patterns in the Search Framework," T. J. DEVINE (The Pennsylvania State University)
(8928)	105	"Findings from the SIPP Fringe Benefits Feasibility Study: Response Rates and Data Quality," S. HABER (The George Washington University)
(9001)	106	"Recent Developments in the Survey of Income and Program Participation, C. BOWIE (Census Bureau)
(9002)	107	"An Analysis of Leaving Home Using Data from the 1984 Panel of the SIPP, A. SPEARE, JR., R. AVERY, and F. GOLDSCHIEDER (Brown University)
(9003)	108	"The Effect of the Marriage Market on First Marriages: Evidence from SIPP, J. FITZGERALD (Bowdoin College)
(9004)	109	"Counting Spells of Unemployment," P. RYSCAVAGE and K. SHORT (Census Bureau)
(9005)	110	"The Elderly and Their Sources of Income: Implications for Rural Development," R. HOPPE (Economic Research Service, U.S. Department of Agriculture)
(9006)	111	"Alternative Estimates of Economic Well-Being by Age Using Data on Wealth and Income," D. RADNER (Social Security Administration)
(9007)	112	"Longitudinal Analysis of Federal Survey Data," P. RUGGLES (Joint Economic Committee)
(9008)	113	"Measurement Errors in SIPP Program Reports," K. H. MARQUIS and J. C. MOORE (Census Bureau)
(9009)	114	"Handling Single Wave Nonresponse in Panel Surveys," R. SINGH, V. HUGGINS, and D. KASPRZYK (Census Bureau)

APPENDIX B - WORKING PAPERS

Old	New	
(9010)	115	"Nonresponse Research for the SIPP," R. PETRONI (Census Bureau)
(9011)	116	"The Seam Effect in Panel Surveys," G. KALTON, D. HILL, and M. MILLER (University of Michigan)
(9012)	117	"The Effects of Being Uninsured on Health Care Service Use: Estimates from the SIPP," S. H. LONG and J. RODGERS (Congressional Budget Office)
(9013)	118	"Wage Differential and Job Changes," S. SENINGER and D. GREENBERG (University of Maryland) From SIP
(9014)	119	"Wages and Employment Among the Working Poor: New Evidence P, S. K. LONG (The Urban Institute) and A. MARTINI (Mathematica Policy Research)
(9015)	120	"Pension Portability & Labor Mobility: Evidence from SIPP," A. GUSTMAN (Dartmouth College) and T. STEINMEIER (Texas Tech University)
(9016)	121	"Response & Procedural Error Variance in Surveys: An Application of Poisson and Newman Type A Regression," D. HILL (University of Toledo)
(9017)	122	"Aging and the Income Value of Housing Wealth," S. F. VENTI (Dartmouth College) and D. A. WISE (Harvard University)
(9018)	123	"Welfare Participation and Welfare Recidivism: The Role of Family Events, S. K. LONG (The Urban Institute)
(9019)	124	"Racial Differences in Health and Health Care Service Utilization: The Effect of Socioeconomic Status," J. E. MUTCHLER and J. A. BURR (State University of New York at Buffalo)
(9020)	125	"Living Benefits: Closing the Gap for LTC Financing," D. G. SHEA (Pennsylvania State University)
(9021)	126	"SIPP Record Check Results: Implications for Measurement Principles and Practice, K. H. MARQUIS and J. C. MOORE (Census Bureau)
(9022)	127	"Workers with Disabilities in Large and Small Firms: Profiles from the SIPP," D. DRURY (Berkeley Planning Associates)
(9023)	128	"Entry into Marriage and the Transition to Adulthood Among Recent Firth Cohorts of Young Adults in the United States and the Federal Republic of Germany," J. WITTE (Harvard University)
(9024)	129	"The Saving Effect of Tax-Deferred Retirement Accounts: Evidence from the SIPP, S. VENTI (Dartmouth College) and D. A. WISE (Harvard University)
(9025)	130	"Children and Welfare: Patterns of Multiple Program Participation," S. K. LONG (The Urban Institute)
(9026)	131	"Household and Nonhousehold Living Arrangements in Later Life: A Longitudinal Analysis of A Social Process," J. E. MUTCHLER and J. A. BURR (University of Buffalo)

SIPP FILES

Old	New	
(9027)	132	"The SIPP Event History Calendar: Aiding Respondents in the Dating of Longitudinal Process," R. KOMINSKI (Census Bureau)
(9028)	133	"Estimates of Employer Contributions for Health Insurance by Worker Characteristics," S. HABER (George Washington University)
(9029)	134	"Two Notes on Relating the Risk of Disclosure for Microdata and Geographic Area Size," B. GREENBERG and L. VOSHELL (Census Bureau)
(9030)	135	"Childcare Effects on Social Security Benefits (91 ARC)," H. M. IAMS (Social Security Administration)
(9031)	136	"The Effect of the Medicaid Program on Welfare Participation & Labor Supply," R. MOFFIT (Brown University) and B. WOLFE (University of Wisconsin)
(9032)	137	"Proxy Reports: Results from a Record Check Study," J. C. MOORE (Census Bureau)
(9033)	138	"Spells Without Health Insurance: What Affects Spell Durations and Who are the Chronically Uninsured?," T. MCBRIDE and K. SWARTZ (The Urban Institute)
(9034)	139	"Spells without Health Insurance: Distributions of Durations and their Link to Point-in-Time Estimates of the Uninsured," K. SWARTZ and T. MCBRIDE (The Urban Institute)
(9035)	140	"Discrete Time Models of Entry into Marriage Based on Retrospective Marital Histories of Young Adults in the U.S. and the Federal Republic of Germany," J. WITTE (Harvard University)
(9101)	141	"Trends in Income and Wealth of the Elderly in the 1980's," P. RYSCAVAGE (Census Bureau)
(9102)	142	"The Impact of Survey and Questionnaire Design on Longitudinal Labor Force Measures," A. MARTINI (Mathematica Policy Research) and P. RYSCAVAGE (Census Bureau)
(9103)	143	"Using SIPP to Analyze Black-White Differences in Youth Employment," G. C. CAIN and P. M. GLEASON (University of Wisconsin)
(9104)	144	"A Random-Effects Approach to Attrition Bias in the SIPP Health Insurance Data," J. A. KLERMAN (The Rand Corporation)
(9105)	145	"Alternative Samples for Welfare Duration in SIPP: Does Attrition Matter?," J. FITZGERALD (Census Bureau/Bowdoin College) X. ZUO (Census Bureau/Shanghai Academy of Social Science)
(9106)	146	"Job-Exits and Job-to-Job Transitions in the United States: An Empirical Analysis Using SIPP," T. J. DEVINE (Pennsylvania State University)
(9107)	147	"The Flow of Household Income in the 1984 Survey of Income and Program Participation," H. W. WATTS (Census Bureau/Columbia University), D. B. MCMILLEN (Census Bureau) and L. MOELLER (Census Bureau/Columbia University)

Old	New	
(9108)	148	"The Survey of Income and Program Participation as a Source of Data on Children and Families: A Comparison of Estimates Derived from SIPP with Estimates from Other Sources," C. WINQUIST NORD and A. RHOADS (Child Trends, Inc.)
(9109)	149	"Health Insurance Coverage Among the Elderly," V. WILCOX-GOK (Department of Economics and Institute for Health) J. RUBIN (Health Care Policy, and Aging Research)
(9110)	150	"A Cognitive Approach to Redesigning Measurement in the Survey of Income and Program Participation," K. H. MARQUIS, J. C. MOORE and K. E. BOGEN (Census Bureau)
(9111)	151	"Effects of Measurement Error on Occupational Event History Analysis," D. H. HILL (University of Toledo)
(9112)	152	"Record Use by Respondents," R. KOMINSKI (Census Bureau)
(9113)	153	"Reciprocity History and Left-Censored Spells of Program Participation in the SIPP," K. SHORT and J. EARGLE (Census Bureau)
(9114)	154	"Receipt of Food Stamps by Longitudinal Households and Individuals in the SIPP," N. R. BURSTEIN (Abt Associates Inc.)
(9115)	155	"Within-PSU Sort and Stratification Research to Improve Survey Efficiency," M. GORSAK, K. MANSUR, D. FENSTERMAKER and R. PETRONI (Census Bureau)
(9116)	156	"Marital Separation and the Economic Well-Being of Children and Their Absent Fathers," S. M. BIANCHI (Census Bureau)
(9117)	157	"Rationale for a SIPP-Based Microsimulation Model of SSI and OASDI," B. WIXON and D. R. VAUGHAN (Social Security Administration)
(9118)	158	"Implementing an SSI Model Using the Survey of Income and Program Participation," D. R. VAUGHAN and B. WIXON (Social Security Administration)
(9119)	159	"Local Labor Markets and Local Area Effects on Welfare Duration: Evidence from SIPP," J. FITZGERALD (Census Bureau) X. ZUO (Dowdoin College and Shanghai Academy of Social Science)
(9120)	160	"Oversampling the Low-Income Population in the Survey of Income and Program Participation (SIPP)," G. D. WELLER, V. J. HUGGINS and R. P. SINGH (Census Bureau)
(9121)	161	"Estimates of the Uninsured Population from the Survey of Income and Program Participation: Size, Characteristics, and the Possibility of Attrition Bias," K. SWARTZ (The Urban Institute)
(9201)	162	"Changes in Parent-Child Coresidence in Later Life," A. SPEARE, JR. (Census Bureau/Brown University) and R. AVERY (Brown University)
(9202)	163	"Who Helps Whom in Older Parent-Child Families," A. SPEARE, JR. (Population Studies and Training Center) R. AVERY (Brown University)

SIPP FILES

Old	New	
(9203)	164	"Testing Alternative Household Roster Questions for the Survey of Income and Program Participation," D. CANTOR and C. EDWARDS
(9204)	165	"Pretest Results of an Alternative Measurement Design for the Survey of Income and Program Participation," K. BOGEN, J. C. MOORE and K. H. MARQUIS (Center for Survey Methods Research and Census Bureau)
(9205)	166	"Dependent and Independent Data Collection in Panel Surveys: Analysis of 1985, 1986 SIPP Occupation and Industry Data," D. H. HILL (Survey Research Institute/University of Toledo)
(9206)	167	"The Survey of Income and Program Participation in the 1990's," D. H. WEINBERG and R. J. PETRONI (Census Bureau)
(9207)	168	"A Statistical Profile of At-Risk Children in the United States," C. WINQUIST NORD and A. RHOADS (Child Trends, Inc.)
(9208)	169	"Social Security Earnings of Wives Relative to Their Husbands: A Cohort Analysis", H. M. IAMS (Social Security Administration)
(9209)	170	"Private Health Insurance and the Utilization of Medical Care by the Elderly, V. WILCOX-GOK and J. RUBIN
(9210)	171	"Analyzing Spells of Program Participation in the SIPP," G. KALTON, D. P. MILLER, AND J. LEPKOWSKI
(9211)	172	"Time in Panel Effects in the SIPP," G. KALTON, J. M. LEPKOWSI, S. G. PENNELL, D. P. MILLER AND E. LUIS.
(9301)	173	"Multiple Program Use in a Dynamic Context: Data from the SIPP," R. M. BLANK (Northwestern University) and P. RUGGLES (The Urban Institute)
(9302)	174	"A Comparative Analysis of the Labor Force Activities of Ethnic Populations," F. D. WILSON (University of Wisconsin-Madison ASA/NSF/Census Fellow) and L. L. WU (University of Wisconsin-Madison)
(9303)	175	"Variance Estimation by User of SIPP Micro-Data Files," R. P. CHAKRABARTY (Census Bureau)
(9304)	176	"Measurements of Job Exits: What Difference Does Ambiguity Make?," T. J. DEVINE (Pennsylvania State University)
(9305)	177	"The Seasonality of Moving: An Analysis of Data from the Survey of Income and Program Participation," D. DEARE (Census Bureau)
(9306)	178	"The Quality of Census Bureau Survey Data Among Respondents with High Income," C. T. NELSON (Census Bureau)
(9307)	179	"Modeling Food Stamp Participation in the Presence of Reporting Errors," C. R. BOLLINGER and M. DAVID (University of Wisconsin)

Old	New	
(9308)	180	"The Seam Effect in SIPP's Labor Force Data: Did the Recession Make it Worse?," P. RYSCAVAGE (Census Bureau)
(9309)	181	"Where's Papa? Fathers' Role in Child Care" M. O'CONNELL (Census Bureau)
(9310)	182	"Effectiveness of Oversampling Low Income Households in the Survey of Income and Program Participation" T. ALLEN, R. PETRONI and R. SINGH
(9311)	183	"Informal Mechanisms for Government Decision-Making: Case Study of a Team Approach to Redesigning the Survey of Income and Program Participation," D. H. WEINBERG (Census Bureau)
(9312)	184	"The Earned Income Tax Credit: Participation, Compliance, and Antipoverty Effectiveness," J. K. SCHOLZ (University of Wisconsin-Madison)
(9313)	185	"Effects of a Cognitive Interviewing Approach on Response Quality in a Pretest for the SIPP," K. H. MARQUIS, J. C. MOORE and K. BOGEN (Census Bureau)
(9314)	186	"Cross-Sectional Imputation and Longitudinal Editing Procedures in the Survey of Income and Program Participation," S. G. PENNELL (The University of Michigan)
(9315)	187	"Who's Wealthy? Who's Not? Stability and Change in Sociodemographic Covariate Structures of Positive, Zero, and Negative Net Worth Data in the Survey of Income and Program Participation," K. C. LAND and S. T. RUSSELL
(9316)	188	"Are College-Educated Young Persons Finding Good Jobs? A Look at Some of the Evidence" P. RYSCAVAGE (Census Bureau)
(9401)	189	"A Comparison of Attrition in the Panel Study of Income Dynamics and the Survey of Income and Program Participation," J. E. ZABEL
(9402)	190	"The Effect of Attrition on Income and Poverty Estimates from the Survey of Income and Program Participation (SIPP)," E. LAMAS, J. TIN and J. EARGLE
(9403)	191	"An Analysis of Attrition in the PSID and SIPP with an Application to a Model of Labor Market Behavior," J. E. ZABEL
(9404)	192	"Mover Nonresponse Adjustment Research for the Survey of Income and Program Participation," T. M. ALLEN and R. J. PETRONI
(9405)	193	"Use of Administrative Data in SIPP Longitudinal Estimation," S. M. DORINSKI and H. HUANG
(9406)	194	"Longitudinal Imputation of SIPP Food Stamp Benefits," A. TREMBLAY
(9407)	195	"Testing a New Attrition Nonresponse Adjustment Method for SIPP," R. E. FOLSOM and M. B. WITT
(9408)	196	"Oversampling in Panel Surveys," R. SINGH, R. J. PETRONI and T. M. ALLEN (U.S. Bureau of the Census)

SIPP FILES

Old	New	
(9409)	197	"An Experiment to Reduce Measurement Error in the SIPP: Preliminary Results," K. H. MARQUIS, J. C. MOORE and K. BOGEN (Census Bureau)
(9410)	198	"Changing Social Security Survivorship Benefits and the Poverty of Widows," M. D. HURD (State University of New York and D. A. WISE (Harvard University)
(9411)	199	"Weighting Schemes for Household Panel Surveys," G. KALTON and J. M. BRICK (Westat, Inc.)
(9412)	200	"Weighting Adjustments for Panel Nonresponse in the SIPP," L. RIZZO, G. KALTON and J. M. BRICK (Westat, Inc.)
(9413)	201	"Overview of SIPP Nonresponse Research Data," S. MACK and R. PETRONI (Census Bureau)
(9414)	202	"Regression Weighting Methods for SIPP Data," A. B. AN, F. J. BREIDT and W. A. FULLER (Iowa State University)
(9415)	203	"The Redesign of the SIPP," V. J. HUGGINS and D. P. FISCHER (Census Bureau)
(9501)	204	"Adjusting for Attrition in Event History Analysis," D. H. HILL (Survey Research Institute, University of Toledo)
(9502)	205	"Regression Adjustment for Nonresponse," A. B. AN and W. A. FULLER (Iowa State University)
(9503)	206	"Nonresponse Research Plans for the Survey of Income and Program Participation," S. P. MACK and P. J. WAITE (Census Bureau)
(9504)	207	"Income Poverty Times Series Data from the Survey of Income and Program Participation," V. J. HUGGINS and F. WINTERS (Census Bureau)
(9505)	208	"Longitudinal Imputation of SIPP Food Stamp Benefits," A. TREMBLAY (Census Bureau)
(9506)	209	"Continuing Research on Use of Administrative Data in SIPP Longitudinal Estimation," S. M. DORINSKI (Census Bureau)
(9507)	210	"Overview of Redesign Methodology for the Survey of Income and Program Participation," P. H. SIEGEL and S. P. MACK (Census Bureau)
(9508)	211	"Research on Characteristics of Survey of Income and Program Participation Nonrespondents Using IRS Data," M. R. HENDRICK, K. E. KING and J. B. BIENIAS (Census Bureau)
(9601)	212	"The SIPP Cognitive Research Evaluation Experiment: Basic Results and Documentation," J. C. MOORE, K. H. MARQUIS and K. BOGEN (Census Bureau)
(9602)	213	"The Effects of Special Saving Programs on Saving and Wealth," J. M. POTERBA, S. F. VENTI and D.A. WISE (National Bureau of Economic Research)

Old	New	
(9603)	214	"Past is Prologue: Simulating Lifetime Social Security Earnings for the Twenty-First Century," H. M. IAMS and S. H. SANDELL (Office of Research & Statistics, Social Security Administration)
(9604)	215	"Evaluating the Quality of Income Data Collected in the Annual Supplement to the March Current Population Survey and the Survey of Income and Program Participation," J. CODER and L. SCOON-ROGERS (Census Bureau)
(9605)	216	"Compensating for Missing Wave Data in the Survey of Income and Program Participation," T. R. WILLIAMS and L. BAILEY (Census Bureau)
(9606)	217	"The Effect of the SIPP Redesign on Employment and Earnings Data," E. LAMAS, T. PALUMBO and J. EARGLE (Census Bureau)
(9607)	218	"A Comparative Analysis of Health Insurance Coverage Estimated: Data from CPS and SIPP," R. L. BENNEFIELD
(9611)	222	"Program Participation and Attrition: The Empirical Evidence," J. TIN (Census Bureau)
(9612)	223	"Reducing the Welfare Dependence of Single- Mother Families: Health Related Employment Barriers and Policy Responses," J. KIMMEL
(9613)	224	"Who Moonlights and Why? Evidence from the SIPP," J. KIMMEL and K. S. CONWAY (Census Bureau)
	225	"Changing Social Security Benefits to Reflect Child Care Years: A Policy Proposal Whose Time Has Passed," H. M. IAMS and S. SANDELL
	226	"Comparing Certain Effects of Redesign on Data from the Survey of Income and Program Participation," E. C. HOCK and F. WINTERS
	227	"The Structure and Consequences of Eligibility Rules for a Social Program: A Study of the Job Training Partnership Act (JTPA)," T. J. DEVINE and J. J. HECKMAN
	228	"Developing Extended Measures of Well-Being: Minimum Income and Subjective Income Assessments," R. KOMINSKI and K. SHORT
	229	"Surveys-On-Call: On-Line Access to Survey Data, S. FURUKAWA and E. LAMAS
	230	"SIPP Quality Profile, 1998," G. KALTON (3 rd Edition, Westat)
	231	"Preliminary Estimates on Caregiving from Wave 7 of the 1996 Survey of Income and Program Participation," J. M. MCNEIL
	232	"The Survey of Income and Program Participation - Recent History and Future Developments," D. WEINBERG
	233	"The Survey of Income and Program Participation - The Wealth of U.S. Families: Analysis of Recent Census Data," J. M. ANDERSON

SIPP FILES

Old	New
234	"The Survey of Income and Program Participation (SIPP) Methods Panel Improving Income Measurement," PAT DOYLE, BETSY MARTIN, and JEFF MOORE
235	"Social Security Benefit Reporting in the Survey of Income and Program Participation and in Social Security Administration Records," JANICE A. OLSON
236	"Food Stamp Receipt: Those Who Left Versus Those Who Stayed in a Time of Welfare Reform," JOHN J. HISNANICK, and KATHRINE G. WALKER
237	"Home Equity, Wealth, and Financial Assets of U.S. Households in 1995," JOSEPH M. ANDERSON
238	"The Assessment of Survey of Income and Program Participation (SIPP) Benefit Data Using Longitudinal Administrative Records," MINH HUYNH, KALMAN RUPP, and JAMES SEARS
239	"Type of OASDI Benefit and Year of Death based on an Exact Match to Social Security Administration Benefit Records, 1990 and 1991 Panels of the Survey of Income and Program Participation (SIPP): Description of the Development of the Data for Public Release and a Preliminary Evaluation of Data Quality," DENTON R. VAUGHAN
240	"Using the Survey of Income and Program Participation for Policy Analysis," DANIEL H. WEINBERG
241	"AAPOR Roundtable: Improving Income Measurement," PAT DOYLE
242	"Longitudinal Attrition in Survey of Income and Program Participation (SIPP) and Survey of Program Dynamics (SPD)," DENTON VAUGHAN

APPENDIX C

User Notes

This section is reserved for any information relevant to the *SIPP 2001 Panel, Wave 1 Topical Module Microdata File* that indicates specific problems with the data, or that becomes available after the file is released. Any such information should be filed behind this page.

User Notes will be sent to all users who purchased their file or technical documentation from the Census Bureau.