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SURVEY OF INCOME AND PROGRAM PARTICIPATION (SIPP)
2008 PANEL
WAVE 9 TOPICAL MODULE MICRODATA FILE

ABSTRACT

Survey of Income and Program Participation (SIPP) 2008 Panel Wave 9 Topical Module Microdata File, [machine-readable data file] / conducted by the U.S. Census Bureau. Washington: The Bureau [producer and distributor], 2014.

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 demographics and social characteristics that are also contained in the core file. The identifying information includes sample unit, household address id, and entry address id. Demographic and social characteristics include age, sex, race (White alone; Black alone; Asian alone; Residual), ethnic origin, marital status, household relationship, and education. Data in this topical module file include informal care-giving and adult well-being.

The sample in each wave consists of 4 rotation groups, each interviewed in a different month. For Wave 9, the interview months were from May 2011 to August 2011. 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 each interview or "wave." This file contains the results of the ninth 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. No geography below the national level is shown on this file. State and metropolitan status are shown. Codes are included for 50 individual States and the District of Columbia, **although the sample was not designed to produce State estimates**.

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. The unit observation is one record for each person in sample.

File Size: 82,260 logical records; 598 characters per record

File Sort Sequence of Sample Units: Sampling unit sequence number, by entry address ID, by person number within sampling unit and reference month.

Reference Materials

Survey of Income and Program Participation (SIPP) 2008 Panel, Wave 9 Topical Module Microdata File Technical Documentation. The documentation includes this abstract, the data dictionary, an index to the data dictionary, 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. It is available at http://www.census.gov/programs-surveys/sipp/methodology/users-guide.html

Related Reports Online and in Print

Related 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. These reports are available online in PDF in the Publications Library at http://www.census.gov/prod/www/

Related Machine-Readable Data Files

SIPP files from all Waves of the 1984 through 1993 Panels, 1996 Panel, 2001 Panel, 2004 Panel, and 2008 Panel are available from the Customer Services Center. Files (1990 forward) may be downloaded from the SIPP FTP website at http://thedataweb.rm.census.gov/ftp/sipp_ftp.html

File Availability

You can order the file on disc from the Customer Services Center at (301) 763-INFO (4636) or through our online sales catalog (click “Catalogs” on the Census Bureau’s home page). This file also may be downloaded from the SIPP FTP website at http://thedataweb.rm.census.gov/ftp/sipp_ftp.html

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	Sample unit identifier
SPANEL	Panel year
SWAVE	Wave of data collection
SROTATON	Rotation of data collection
TFIPSST	FIPS State Code
EOUTCOME	Interview status code for this household
SHHADID	Household address ID differentiates hhlds in sample unit
SINTHHID	Household address ID of person in interview month
RFID	Family ID number for this month
RFID2	Family ID excluding related subfamily members
EPPIDX	Person index
EENTAID	Address ID of household where person entered sample
EPPPNUM	Person number
EPOPSTAT	Population status based on age in fourth reference month
EPPINTVW	Person's interview status
EPPMIS4	Person's fourth month interview status
ESEX	Sex of this person
ERACE	Race of this person
EORIGIN	Spanish, Hispanic or Latino
WPFINWGT	Person weight
ERRP	Household relationship
EMS	Marital status
EPNMOM	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
EEDUCATE	Highest degree received or grade completed

Geographic Coverage

United States. State and metropolitan status are shown. Codes are included for 50 individual States and the District of Columbia, **although the sample was not designed to produce State estimates**. The file identifies the metropolitan status code for each household.

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 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 respondents' 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 2008 WAVE 9 TOPICAL MODULE MICRODATA FILES

Key to Concept Labels

AW - Adult Well Being Topical Module Variables
ED - Education Variables
FA - Family Variables
HH - Household Variables
IC - Informal Care Giving Topical Module Variables
PE - Person, Demographic, and Coverage Variables
SU - Sample Unit Variables
WW - Weighting Variables

Description	Variable	Position
AW: A non-relative helped with paying gas, oil, electric	RABGHLP2	493 - 494
AW: Ability to meet essential expenses	EABMEET	457 - 458
AW: Adequacy of public transportation	EAPTRAN	448 - 449
AW: Afraid to walk alone at night.	EACWALK	369 - 370
AW: Allocation flag for EABCUT	AABCUT	504 - 504
AW: Allocation flag for EABDENT	AABDENT	546 - 546
AW: Allocation flag for EABDOCT	AABDOCT	532 - 532
AW: Allocation flag for EABEVCT	AABEVCT	476 - 476
AW: Allocation flag for EABGAS	AABGAS	490 - 490
AW: Allocation flag for EABMEET	AABMEET	459 - 459
AW: Allocation flag for EABPHON	AABPHON	518 - 518
AW: Allocation flag for EABRENT	AABRENT	462 - 462
AW: Allocation flag for EACALRM	AACALRM	392 - 392
AW: Allocation flag for EACARRY	AACARRY	380 - 380
AW: Allocation flag for EACHSAF	AACHSAF	386 - 386
AW: Allocation flag for EACNSAF	AACNSAF	383 - 383
AW: Allocation flag for EACSTAY	AACSTAY	374 - 374
AW: Allocation flag for EACWALK	AACWALK	371 - 371
AW: Allocation flag for EACWITH	AACWITH	377 - 377
AW: Allocation flag for EADAIR	AADAIR	317 - 317
AW: Allocation flag for EADCELL	AADCELL	323 - 323
AW: Allocation flag for EADCOMP	AADCOMP	320 - 320
AW: Allocation flag for EADDISH	AADDISH	296 - 296
AW: Allocation flag for EADFRZ	AADFRZ	302 - 302
AW: Allocation flag for EADMICR	AADMICR	311 - 311
AW: Allocation flag for EADREFR	AADREFR	299 - 299
AW: Allocation flag for EADSTOV	AADSTOV	308 - 308
AW: Allocation flag for EADTELV	AADTELV	305 - 305
AW: Allocation flag for EADVCR	AADVCR	314 - 314
AW: Allocation flag for EAFBALN	AAFBALN	586 - 586
AW: Allocation flag for EAFCHLD	AAFCHLD	589 - 589
AW: Allocation flag for EAFDAY.	AAFDAY	598 - 598
AW: Allocation flag for EAFDM1-EAFDM5.	AAFDM	580 - 580
AW: Allocation flag for EAFLAST	AAFLAST	583 - 583
AW: Allocation flag for EAFLESS	AAFLESS	595 - 595
AW: Allocation flag for EAFOOD1	AAFOOD1	569 - 569
AW: Allocation flag for EAFSKIP	AAFSKIP	592 - 592

Description	Variable	Position
AW: Allocation flag for EAHCOOL	AAHCOOL	359 - 359
AW: Allocation flag for EAHFURN	AAHFURN	353 - 353
AW: Allocation flag for EAHLPAG	AAHLPAG	566 - 566
AW: Allocation flag for EAHLPFM	AAHLPFM	560 - 560
AW: Allocation flag for EAHLPFR	AAHLPFR	563 - 563
AW: Allocation flag for EAHPRIV	AAHPRIV	362 - 362
AW: Allocation flag for EAHREPR	AAHREPR	347 - 347
AW: Allocation flag for EAHROOM	AAHROOM	329 - 329
AW: Allocation flag for EAHSAT	AAHSAT	365 - 365
AW: Allocation flag for EAHSPAC	AAHSPAC	350 - 350
AW: Allocation flag for EAHWARM	AAHWARM	356 - 356
AW: Allocation flag for EANGHBR	AANGHBR	411 - 411
AW: Allocation flag for EANSAT	AANSAT	414 - 414
AW: Allocation flag for EAPDIFF	AAPDIFF	438 - 438
AW: Allocation flag for EAPFIRE.	AAPFIRE	447 - 447
AW: Allocation flag for EAPHOMS	AAPHOMS	432 - 432
AW: Allocation flag for EAPHOSP	AAPHOSP	441 - 441
AW: Allocation flag for EAPMAGN	AAPMAGN	426 - 426
AW: Allocation flag for EAPNOSC	AAPNOSC	435 - 435
AW: Allocation flag for EAPOLIC	AAPOLIC	444 - 444
AW: Allocation flag for EAPPRIV	AAPPRIV	423 - 423
AW: Allocation flag for EAPPUBS	AAPPUBS	429 - 429
AW: Allocation flag for EAPSAT	AAPSAT	453 - 453
AW: Allocation flag for EAPSCHL	AAPSCHL	420 - 420
AW: Allocation flag for EAPTRAN	AAPTRAN	450 - 450
AW: Allocation flag for RABCHLP	AABCHLP	515 - 515
AW: Allocation flag for RABDHLP	AABDHLP	543 - 543
AW: Allocation flag for RABEHLP	AABEHLP	487 - 487
AW: Allocation flag for RABGHLP	AABGHLP	501 - 501
AW: Allocation flag for RABPHLP	AABPHLP	529 - 529
AW: Allocation flag for RABRHLP	AABRHLP	473 - 473
AW: Allocation flag for RABTHLP	AABTHLP	557 - 557
AW: Allocation flag for RACMOVE	AACMOVE	395 - 395
AW: Allocation flag for RACWDOG	AACWDOG	389 - 389
AW: Allocation flag for RADDRYR	AADDRYR	293 - 293
AW: Allocation flag for RADPHON	AADPHON	326 - 326
AW: Allocation flag for RADWASH	AADWASH	290 - 290
AW: Allocation flag for RAHMOVE	AAHMOVE	368 - 368
AW: Allocation flag for RANMOVE	AANMOVE	417 - 417
AW: Allocation flag for RAPMOVE	AAPMOVE	456 - 456
AW: Allocation flag for house conditions	AAHOUSE	344 - 344
AW: Allocation flag for neighborhood conditions	AANCOND	408 - 408
AW: Ate less than felt you should	EAFLESS	593 - 594
AW: Carry something with you when go out.	EACARRY	378 - 379
AW: Children attend home school	EAPHOMS	430 - 431
AW: Children attend magnet, charter school	EAPMAGN	424 - 425
AW: Children attend private school	EAPPRIV	421 - 422
AW: Children attend public school	EAPPUBS	427 - 428

Description	Variable	Position
AW: Not enough to eat --4 months ago	EAFDM1	570 - 571
AW: Not enough to eat --current month	EAFDM5	578 - 579
AW: Not enough to eat --last month	EAFDM4	576 - 577
AW: Number of rooms in home	TAHROOM	327 - 328
AW: Other source helped w/ problem paying gas,oil,bills	RABGHLP5	499 - 500
AW: Other source helped w/ problem paying rent/mortgage	RABRHLP5	471 - 472
AW: Other source helped when evicted from home or apt	RABEHLP5	485 - 486
AW: Other source helped when gas co turned off service	RABCHLP5	513 - 514
AW: Other source helped when telephone co turned off ser	RABPHLP5	527 - 528
AW: Other source helped with problem seeing a dentist	RABTHLP5	555 - 556
AW: Other source helped with problem seeing a doctor	RABDHLP5	541 - 542
AW: Overall satisfaction with home	EAHSAT	363 - 364
AW: Overall satisfaction with neighborhood	EANSAT	412 - 413
AW: Prefer a different school for any child	EAPDIFF	436 - 437
AW: Problem in neighb trash, litter	EANTRSH	400 - 401
AW: Problem in neighborhood abandoned buildings	EANABAN	402 - 403
AW: Problem in neighborhood industries	EANIND	404 - 405
AW: Problem in neighborhood odors, fumes	EANODOR	406 - 407
AW: Problem in neighborhood street noise	EANTRAF	396 - 397
AW: Problem in neighborhood street repair	EANSTRT	398 - 399
AW: Problem with broken windows	EAHWIND	334 - 335
AW: Problem with exposed electrical wires	EAHWIRE	336 - 337
AW: Problem with holes in the floor	EAHHOLE	342 - 343
AW: Problem with holes or cracks in wall or ceiling	EAHCRAC	340 - 341
AW: Problem with leaking roof	EAHLEAK	332 - 333
AW: Problem with pests	EAHPEST	330 - 331
AW: Problem with plumbing that doesn't work	EAHPLUM	338 - 339
AW: Public services undesirable, would like to move	RAPMOVE	454 - 455
AW: Satisfaction with coolness of home in summer	EAHCOOL	357 - 358
AW: Satisfaction with fire department services	EAPFIRE	445 - 446
AW: Satisfaction with furnishings in home	EAHFURN	351 - 352
AW: Satisfaction with general state of repair of home	EAHREPR	345 - 346
AW: Satisfaction with hospitals, health clinics, doctors	EAPHOSP	439 - 440
AW: Satisfaction with police services	EAPOLIC	442 - 443
AW: Satisfaction with privacy home offers	EAHPRIV	360 - 361
AW: Satisfaction with public schools	EAPSCHL	418 - 419
AW: Satisfaction with public services	EAPSAT	451 - 452
AW: Satisfaction with relationship with neighbors	EANGHBR	409 - 410
AW: Satisfaction with room or space in home	EAHSPAC	348 - 349
AW: Satisfaction with warmth of home in winter	EAHWARM	354 - 355
AW: Social serv helped w/ problem paying rent/mortgage	RABRHLP3	467 - 468
AW: Social serv helped when telephone co turned off serv	RABPHLP3	523 - 524
AW: Social services helped when evicted from home or apt	RABEHLP3	481 - 482
AW: Social services helped when gas co turned off serv	RABCHLP3	509 - 510
AW: Social services helped with problem paying gas, oil	RABGHLP3	495 - 496
AW: Social services helped with problem seeing a dentist	RABTHLP3	551 - 552
AW: Social services helped with problem seeing a doctor	RABDHLP3	537 - 538
AW: Stayed at home at certain times.	EACSTAY	372 - 373
AW: Sufficiency of food eaten in household	EAFOOD1	567 - 568
AW: Take someone with you when go out.	EACWITH	375 - 376
AW: Telephone company disconnected service	EABPHON	516 - 517
AW: Threat of crime enough that would move.	RACMOVE	393 - 394

Description	Variable	Position
IC: Allocation flag for THRST01	AHRST01	142 - 142
IC: Allocation flag for THRST02	AHRST02	148 - 148
IC: Allocation flag for THRST03	AHRST03	154 - 154
IC: Allocation flag for THRST04	AHRST04	183 - 183
IC: Allocation flag for THRST05	AHRST05	189 - 189
IC: Allocation flag for THRST06	AHRST06	195 - 195
IC: Allocation flag for THRST07	AHRST07	228 - 228
IC: Allocation flag for THRST08	AHRST08	234 - 234
IC: Allocation flag for THRST09	AHRST09	243 - 243
IC: Allocation flag for THRST10	AHRST10	270 - 270
IC: Allocation flag for THRST11	AHRST11	276 - 276
IC: Allocation flag for THRST12	AHRST12	285 - 285
IC: Allocation flag for TNUMNHM	ANUMNHM	201 - 201
IC: Allocation flag for TYRST01	AYRST01	124 - 124
IC: Allocation flag for TYRST02	AYRST02	165 - 165
IC: Allocation flag for TYRST03	AYRST03	207 - 207
IC: Allocation flag for TYRST04	AYRST04	249 - 249
IC: Companionship provided to Non-HH member 1	ECOMPT03	235 - 236
IC: Companionship provided to Non-HH member 2	ECOMPT04	277 - 278
IC: Dress assistance provided to HH member 1	EADLT01	125 - 126
IC: Dress assistance provided to HH member 2	EADLT02	166 - 167
IC: Dress assistance provided to Non-HH member 1	EADLT03	211 - 212
IC: Dress assistance provided to Non-HH member 2	EADLT04	253 - 254
IC: Financial assistance provided to HH member 1	EMNYT01	131 - 132
IC: Financial assistance provided to HH member 2	EMNYT02	172 - 173
IC: Financial assistance provided to Non-HH member 1	EMNYT03	217 - 218
IC: Financial assistance provided to Non-HH member 2	EMNYT04	259 - 260
IC: For which person(s) assist provided to (1st HH mem)	EHHM1	114 - 117
IC: For which person(s) assist provided to (2nd HH mem)	EHHM2	155 - 158
IC: Hours per week care provided to HH member 1	THRST01	140 - 141
IC: Hours per week care provided to HH member 2	THRST04	181 - 182
IC: Hours per week care provided to Non-HH member 1	THRST07	226 - 227
IC: Hours per week care provided to Non-HH member 2	THRST10	268 - 269
IC: Hours unpaid care/assist from other to NH member 1	THRST08	232 - 233
IC: Hrs of professional care/assist to Non-HH member 1	THRST09	241 - 242
IC: Hrs of professional care/assist to Non-HH member 2	THRST12	283 - 284
IC: Hrs of professional care/assistance to HH member 1	THRST03	152 - 153
IC: Hrs of professional care/assistance to HH member 2	THRST06	193 - 194
IC: Hrs unpaid care/assistance by other(s) to HH mem 1	THRST02	146 - 147
IC: Hrs unpaid care/assistance by other(s) to HH mem 2	THRST05	187 - 188
IC: Medical assistance provided to HH member 1	EMEDT01	128 - 129
IC: Medical assistance provided to HH member 2	EMEDT02	169 - 170
IC: Medical assistance provided to Non-HH member 1	EMEDT03	214 - 215
IC: Medical assistance provided to Non-HH member 2	EMEDT04	256 - 257
IC: Number of years care provided to HH member 1	TYRST01	122 - 123
IC: Number of years care provided to HH member 2	TYRST02	163 - 164
IC: Number of years care provided to Non-HH member 1	TYRST03	205 - 206
IC: Number of years care provided to Non-HH member 2	TYRST04	247 - 248
IC: Other assistance provided to HH member 1	EOTHLP01	137 - 138
IC: Other assistance provided to HH member 2	EOTHLP02	178 - 179
IC: Other assistance provided to Non-HH member 1	EOTHLP03	223 - 224
IC: Other assistance provided to Non-HH member 2	EOTHLP04	265 - 266

ALPHABETICAL VARIABLE LISTING TO
2008 WAVE 9 TOPICAL MODULE FILE

Key to Concept Labels

AW - Adult Well Being Topical Module Variables
ED - Education Variables
FA - Family Variables
HH - Household Variables
IC - Informal Care Giving Topical Module Variables
PE - Person, Demographic, and Coverage Variables
SU - Sample Unit Variables
WW - Weighting Variables

Variable		Description	Position
AABCHLP	AW:	Allocation flag for RABCHLP	515 - 515
AABCUT	AW:	Allocation flag for EABCUT	504 - 504
AABDENT	AW:	Allocation flag for EABDENT	546 - 546
AABDHLP	AW:	Allocation flag for RABDHLP	543 - 543
AABDOCT	AW:	Allocation flag for EABDOCT	532 - 532
AABEHLP	AW:	Allocation flag for RABEHLP	487 - 487
AABEVCT	AW:	Allocation flag for EABEVCT	476 - 476
AABGAS	AW:	Allocation flag for EABGAS	490 - 490
AABGHLP	AW:	Allocation flag for RABGHLP	501 - 501
AABMEET	AW:	Allocation flag for EABMEET	459 - 459
AABPHLP	AW:	Allocation flag for RABPHLP	529 - 529
AABPHON	AW:	Allocation flag for EABPHON	518 - 518
AABRENT	AW:	Allocation flag for EABRENT	462 - 462
AABRHLP	AW:	Allocation flag for RABRHLP	473 - 473
AABTHLP	AW:	Allocation flag for RABTHLP	557 - 557
AACALRM	AW:	Allocation flag for EACALRM	392 - 392
AACARRY	AW:	Allocation flag for EACARRY	380 - 380
AACHSAF	AW:	Allocation flag for EACHSAF	386 - 386
AACMOVE	AW:	Allocation flag for RACMOVE	395 - 395
AACNSAF	AW:	Allocation flag for EACNSAF	383 - 383
AACSTAY	AW:	Allocation flag for EACSTAY	374 - 374
AACWALK	AW:	Allocation flag for EACWALK	371 - 371
AACWDOG	AW:	Allocation flag for RACWDOG	389 - 389
AACWITH	AW:	Allocation flag for EACWITH	377 - 377
AADAIR	AW:	Allocation flag for EADAIR	317 - 317
AADCELL	AW:	Allocation flag for EADCELL	323 - 323
AADCOMP	AW:	Allocation flag for EADCOMP	320 - 320
AADDISH	AW:	Allocation flag for EADDISH	296 - 296
AADDRYR	AW:	Allocation flag for RADDRYR	293 - 293
AADFRZ	AW:	Allocation flag for EADFRZ	302 - 302
AADLT01	IC:	Allocation flag for EADLT01	127 - 127
AADLT02	IC:	Allocation flag for EADLT02	168 - 168
AADLT03	IC:	Allocation flag for EADLT03	213 - 213
AADLT04	IC:	Allocation flag for EADLT04	255 - 255
AADMICR	AW:	Allocation flag for EADMICR	311 - 311

Variable		Description	Position
AADPHON	AW:	Allocation flag for RADPHON	326 - 326
AADREFR	AW:	Allocation flag for EADREFR	299 - 299
AADSTOV	AW:	Allocation flag for EADSTOV	308 - 308
AADTELV	AW:	Allocation flag for EADTELV	305 - 305
AADVCR	AW:	Allocation flag for EADVCR	314 - 314
AADWASH	AW:	Allocation flag for RADWASH	290 - 290
AAFBALN	AW:	Allocation flag for EAFBALN	586 - 586
AAFCHLD	AW:	Allocation flag for EAFCHLD	589 - 589
AAFDAY	AW:	Allocation flag for EAFDAY.	598 - 598
AAFDM	AW:	Allocation flag for EAFDM1-EAFDM5.	580 - 580
AAFLAST	AW:	Allocation flag for EAFLAST	583 - 583
AAFLESS	AW:	Allocation flag for EAFLESS	595 - 595
AAFOOD1	AW:	Allocation flag for EAFOOD1	569 - 569
AAFSKIP	AW:	Allocation flag for EAFSKIP	592 - 592
AAHCOOL	AW:	Allocation flag for EAHCOOL	359 - 359
AAHFURN	AW:	Allocation flag for EAHFURN	353 - 353
AAHLPAG	AW:	Allocation flag for EAHLPAG	566 - 566
AAHLPFM	AW:	Allocation flag for EAHLPFM	560 - 560
AAHLPFR	AW:	Allocation flag for EAHLPFR	563 - 563
AAHMOVE	AW:	Allocation flag for RAHMOVE	368 - 368
AAHOUSE	AW:	Allocation flag for house conditions	344 - 344
AAHPRIV	AW:	Allocation flag for EAHPRIV	362 - 362
AAHREPR	AW:	Allocation flag for EAHREPR	347 - 347
AAHROOM	AW:	Allocation flag for EAHROOM	329 - 329
AAHSAT	AW:	Allocation flag for EAHSAT	365 - 365
AAHSPAC	AW:	Allocation flag for EAHSPAC	350 - 350
AAHWARM	AW:	Allocation flag for EAHWARM	356 - 356
AANCOND	AW:	Allocation flag for neighborhood conditions	408 - 408
AANGHBR	AW:	Allocation flag for EANGHBR	411 - 411
AANMOVE	AW:	Allocation flag for RANMOVE	417 - 417
AANSAT	AW:	Allocation flag for EANSAT	414 - 414
AAPDIFF	AW:	Allocation flag for EAPDIFF	438 - 438
AAPFIRE	AW:	Allocation flag for EAPFIRE.	447 - 447
AAPHOMS	AW:	Allocation flag for EAPHOMS	432 - 432
AAPHOSP	AW:	Allocation flag for EAPHOSP	441 - 441
AAPMAGN	AW:	Allocation flag for EAPMAGN	426 - 426
AAPMOVE	AW:	Allocation flag for RAPMOVE	456 - 456
AAPNOSC	AW:	Allocation flag for EAPNOSC	435 - 435
AAPOLIC	AW:	Allocation flag for EAPOLIC	444 - 444
AAPPRIV	AW:	Allocation flag for EAPPRIV	423 - 423
AAPPUBS	AW:	Allocation flag for EAPPUBS	429 - 429
AAPSAT	AW:	Allocation flag for EAPSAT	453 - 453
AAPSCHL	AW:	Allocation flag for EAPSCHL	420 - 420
AAPTRAN	AW:	Allocation flag for EAPTRAN	450 - 450
ACAREHHM	IC:	Allocation flag for ECAREHHM	110 - 110
ACARENHM	IC:	Allocation flag for ECARENHM	198 - 198
ACARENUM	IC:	Allocation flag for TCARENUM	113 - 113
ACOMPT03	IC:	Allocation flag for ECOMPT03	237 - 237
ACOMPT04	IC:	Allocation flag for ECOMPT04	279 - 279
AHCT01	IC:	Allocation flag for EHCT01	151 - 151
AHCT02	IC:	Allocation flag for EHCT02	192 - 192
AHCT03	IC:	Allocation flag for EHCT03	240 - 240
AHCT04	IC:	Allocation flag for EHCT04	282 - 282

Variable		Description	Position
AHHM1	IC:	Allocation flag for EHHM1	118 - 118
AHHM2	IC:	Allocation flag for EHHM2	159 - 159
AHRST01	IC:	Allocation flag for THRST01	142 - 142
AHRST02	IC:	Allocation flag for THRST02	148 - 148
AHRST03	IC:	Allocation flag for THRST03	154 - 154
AHRST04	IC:	Allocation flag for THRST04	183 - 183
AHRST05	IC:	Allocation flag for THRST05	189 - 189
AHRST06	IC:	Allocation flag for THRST06	195 - 195
AHRST07	IC:	Allocation flag for THRST07	228 - 228
AHRST08	IC:	Allocation flag for THRST08	234 - 234
AHRST09	IC:	Allocation flag for THRST09	243 - 243
AHRST10	IC:	Allocation flag for THRST10	270 - 270
AHRST11	IC:	Allocation flag for THRST11	276 - 276
AHRST12	IC:	Allocation flag for THRST12	285 - 285
AMEDT01	IC:	Allocation flag for EMEDT01	130 - 130
AMEDT02	IC:	Allocation flag for EMEDT02	171 - 171
AMEDT03	IC:	Allocation flag for EMEDT03	216 - 216
AMEDT04	IC:	Allocation flag for EMEDT04	258 - 258
AMNYT01	IC:	Allocation flag for EMNYT01	133 - 133
AMNYT02	IC:	Allocation flag for EMNYT02	174 - 174
AMNYT03	IC:	Allocation flag for EMNYT03	219 - 219
AMNYT04	IC:	Allocation flag for EMNYT04	261 - 261
ANUMNHM	IC:	Allocation flag for TNUMNHM	201 - 201
AOPT01	IC:	Allocation flag for EOPT01	145 - 145
AOPT02	IC:	Allocation flag for EOPT02	186 - 186
AOPT03	IC:	Allocation flag for EOPT03	231 - 231
AOPT04	IC:	Allocation flag for EOPT04	273 - 273
AOTHLP01	IC:	Allocation flag for EOTHLP01	139 - 139
AOTHLP02	IC:	Allocation flag for EOTHLP02	180 - 180
AOTHLP03	IC:	Allocation flag for EOTHLP03	225 - 225
AOTHLP04	IC:	Allocation flag for EOTHLP04	267 - 267
AOUTT01	IC:	Allocation flag for EOUTT01	136 - 136
AOUTT02	IC:	Allocation flag for EOUTT02	177 - 177
AOUTT03	IC:	Allocation flag for EOUTT03	222 - 222
AOUTT04	IC:	Allocation flag for EOUTT04	264 - 264
APVDCARE	IC:	Allocation flag for EPVDCARE	107 - 107
ARELT01	IC:	Allocation flag for ERELT01	121 - 121
ARELT02	IC:	Allocation flag for ERELT02	162 - 162
ARELT03	IC:	Allocation flag for ERELT03	204 - 204
ARELT04	IC:	Allocation flag for ERELT04	246 - 246
ARESOF3	IC:	Allocation flag for ERESOF3	210 - 210
ARESOF4	IC:	Allocation flag for ERESOF4	252 - 252
AYRST01	IC:	Allocation flag for TYRST01	124 - 124
AYRST02	IC:	Allocation flag for TYRST02	165 - 165
AYRST03	IC:	Allocation flag for TYRST03	207 - 207
AYRST04	IC:	Allocation flag for TYRST04	249 - 249
EABCUT	AW:	Gas or electric company turned off service	502 - 503
EABDENT	AW:	Did not see a dentist when needed	544 - 545
EABDOCT	AW:	Did not see a doctor when needed	530 - 531
EABEVCT	AW:	Evicted from home or apartment	474 - 475
EABGAS	AW:	Did not pay gas, oil, or electricity bills	488 - 489
EABMEET	AW:	Ability to meet essential expenses	457 - 458
EABPHON	AW:	Telephone company disconnected service	516 - 517

Variable		Description	Position
EABRENT	AW:	Did not pay rent or mortgage	460 - 461
EACALRM	AW:	Household has safety devices, alarm system.	390 - 391
EACARRY	AW:	Carry something with you when go out.	378 - 379
EACHSAF	AW:	Consider home safe from crime.	384 - 385
EACNSAF	AW:	Consider neighborhood safe from crime.	381 - 382
EACSTAY	AW:	Stayed at home at certain times.	372 - 373
EACWALK	AW:	Afraid to walk alone at night.	369 - 370
EACWITH	AW:	Take someone with you when go out.	375 - 376
EADAIR	AW:	Household has air conditioner	315 - 316
EADCELL	AW:	Household has cell or mobile phone	321 - 322
EADCOMP	AW:	Household has personal computer	318 - 319
EADDISH	AW:	Household has dishwasher	294 - 295
EADFRZ	AW:	Household has food freezer	300 - 301
EADLT01	IC:	Dress assistance provided to HH member 1	125 - 126
EADLT02	IC:	Dress assistance provided to HH member 2	166 - 167
EADLT03	IC:	Dress assistance provided to Non-HH member 1	211 - 212
EADLT04	IC:	Dress assistance provided to Non-HH member 2	253 - 254
EADMICR	AW:	Household has microwave	309 - 310
EADREFR	AW:	Household has refrigerator	297 - 298
EADSTOV	AW:	Household has stove	306 - 307
EADTELV	AW:	Household has color television	303 - 304
EADVCR	AW:	Household has VCR or DVD	312 - 313
EAFBALN	AW:	Couldn't afford balanced meals	584 - 585
EAFCHLD	AW:	Children were not eating enough	587 - 588
EAFDAY	AW:	Didn't eat for a whole day	596 - 597
EAFDM1	AW:	Not enough to eat --4 months ago	570 - 571
EAFDM2	AW:	Not enough to eat --3 months ago	572 - 573
EAFDM3	AW:	Not enough to eat --2 months ago	574 - 575
EAFDM4	AW:	Not enough to eat --last month	576 - 577
EAFDM5	AW:	Not enough to eat --current month	578 - 579
EAFLAST	AW:	Food we bought just didn't last	581 - 582
EAFLESS	AW:	Ate less than felt you should	593 - 594
EAFOOD1	AW:	Sufficiency of food eaten in household	567 - 568
EAFSKIP	AW:	Cut size or skipped meals	590 - 591
EAHCOOL	AW:	Satisfaction with coolness of home in summer	357 - 358
EAHCRAC	AW:	Problem with holes or cracks in wall or ceiling	340 - 341
EAHFURN	AW:	Satisfaction with furnishings in home	351 - 352
EAHHOLE	AW:	Problem with holes in the floor	342 - 343
EAHLEAK	AW:	Problem with leaking roof	332 - 333
EAHLPAG	AW:	how much help expect to get from others	564 - 565
EAHLPFM	AW:	how much help expect to get from family	558 - 559
EAHLPFR	AW:	how much help expect to get from friends	561 - 562
EAHPEST	AW:	Problem with pests	330 - 331
EAHPLUM	AW:	Problem with plumbing that doesn't work	338 - 339
EAHPRIV	AW:	Satisfaction with privacy home offers	360 - 361
EAHREPR	AW:	Satisfaction with general state of repair of home	345 - 346
EAHSAT	AW:	Overall satisfaction with home	363 - 364
EAHSPAC	AW:	Satisfaction with room or space in home	348 - 349
EAHWARM	AW:	Satisfaction with warmth of home in winter	354 - 355
EAHWIND	AW:	Problem with broken windows	334 - 335
EAHWIRE	AW:	Problem with exposed electrical wires	336 - 337
EAICUNV	IC:	Universe indicator.	103 - 104
EANABAN	AW:	Problem in neighborhood abandoned buildings	402 - 403
EANGHBR	AW:	Satisfaction with relationship with neighbors	409 - 410
EANIND	AW:	Problem in neighborhood industries	404 - 405

Variable		Description	Position
EANODOR	AW:	Problem in neighborhood odors, fumes	406 - 407
EANSAT	AW:	Overall satisfaction with neighborhood	412 - 413
EANSTRT	AW:	Problem in neighborhood street repair	398 - 399
EANTRAF	AW:	Problem in neighborhood street noise	396 - 397
EANTRSH	AW:	Problem in neighb trash, litter	400 - 401
EAPDIFF	AW:	Prefer a different school for any child	436 - 437
EAPFIRE	AW:	Satisfaction with fire department services	445 - 446
EAPHOMS	AW:	Children attend home school	430 - 431
EAPHOSP	AW:	Satisfaction with hospitals, health clinics, doctors	439 - 440
EAPMAGN	AW:	Children attend magnet, charter school	424 - 425
EAPNOSC	AW:	Children not in school	433 - 434
EAPOLIC	AW:	Satisfaction with police services	442 - 443
EAPPRIV	AW:	Children attend private school	421 - 422
EAPPUBS	AW:	Children attend public school	427 - 428
EAPSAT	AW:	Satisfaction with public services	451 - 452
EAPSCHL	AW:	Satisfaction with public schools	418 - 419
EAPTRAN	AW:	Adequacy of public transportation	448 - 449
EAWBUNV	AW:	Universe indicator	286 - 287
ECAREHHM	IC:	Provides care or assistance to household (HH) member	108 - 109
ECARENHM	IC:	Provide care/assistance to persons outside home (NH)	196 - 197
ECOMPT03	IC:	Companionship provided to Non-HH member 1	235 - 236
ECOMPT04	IC:	Companionship provided to Non-HH member 2	277 - 278
EEDUCATE	ED:	Highest Degree received or grade completed	90 - 91
EENTAID	PE:	Address ID of hhld where person entered sample	42 - 44
EHCT01	IC:	Receipt of professional hlth care service- HH mem 1	149 - 150
EHCT02	IC:	Receipt of professional hlth care service- HH mem 2	190 - 191
EHCT03	IC:	Receipt of professional hlth care service- NH mem 1	238 - 239
EHCT04	IC:	Receipt of professional hlth care service- NH mem 2	280 - 281
EHHM1	IC:	For which person(s) assist provided to (1st HH mem)	114 - 117
EHHM2	IC:	For which person(s) assist provided to (2nd HH mem)	155 - 158
EMEDT01	IC:	Medical assistance provided to HH member 1	128 - 129
EMEDT02	IC:	Medical assistance provided to HH member 2	169 - 170
EMEDT03	IC:	Medical assistance provided to Non-HH member 1	214 - 215
EMEDT04	IC:	Medical assistance provided to Non-HH member 2	256 - 257
EMNYT01	IC:	Financial assistance provided to HH member 1	131 - 132
EMNYT02	IC:	Financial assistance provided to HH member 2	172 - 173
EMNYT03	IC:	Financial assistance provided to Non-HH member 1	217 - 218
EMNYT04	IC:	Financial assistance provided to Non-HH member 2	259 - 260
EMS	PE:	Marital status	71 - 71
EOPT01	IC:	Similar unpaid care provided by other to HH mem 1	143 - 144
EOPT02	IC:	Similar unpaid care provided by other to HH mem 2	184 - 185
EOPT03	IC:	Similar unpaid care provided by other to NH member 1	229 - 230
EOPT04	IC:	Similar unpaid care provided by other to NH member 2	271 - 272
EORIGIN	PE:	Spanish, Hispanic or Latino	55 - 56
EOTHLP01	IC:	Other assistance provided to HH member 1	137 - 138
EOTHLP02	IC:	Other assistance provided to HH member 2	178 - 179
EOTHLP03	IC:	Other assistance provided to Non-HH member 1	223 - 224
EOTHLP04	IC:	Other assistance provided to Non-HH member 2	265 - 266
EOUTCOME	HH:	Interview Status code for this household	30 - 32
EOUTT01	IC:	Transportation assistance provided to HH member 1	134 - 135
EOUTT02	IC:	Transportation assistance provided to HH member 2	175 - 176
EOUTT03	IC:	Transportation assistance provided to Non-HH mem 1	220 - 221
EOUTT04	IC:	Transportation assistance provided to Non-HH mem 2	262 - 263

Variable		Description	Position
EPNDAD	PE:	Person number of father	80 - 83
EPNGUARD	PE:	Person number of guardian	84 - 87
EPNMOM	PE:	Person number of mother	76 - 79
EPNSPOUS	PE:	Person number of spouse	72 - 75
EPOPSTAT	PE:	Population status based on age in 4th reference month	49 - 49
EPPIDX	PE:	Person index	39 - 41
EPPINTVW	PE:	Person's interview status	50 - 51
EPPMIS4	PE:	Person's 4th month interview status	52 - 52
EPPPNUM	PE:	Person number	45 - 48
EPVDCARE	IC:	Provides care or assistance to HH or NH person(s)	105 - 106
ERACE	PE:	The race(s) the respondent is	54 - 54
ERELT01	IC:	Relationship of giver to HH receiver 1	119 - 120
ERELT02	IC:	Relationship of giver to HH receiver 2	160 - 161
ERELT03	IC:	Relationship of giver to Non-HH member receiver 1	202 - 203
ERELT04	IC:	Relationship of giver to Non-HH member receiver 2	244 - 245
ERESOF3	IC:	Type of residence of Non-HH member 1	208 - 209
ERESOF4	IC:	Type of residence of Non-HH member 2	250 - 251
ERRP	PE:	Household relationship	67 - 68
ESEX	PE:	Sex of this person	53 - 53
FILLER		Filler	599 - 600
LGTKEY	PE:	Person longitudinal key	92 - 99
RABCHLP1	AW:	Family helped when gas/electric co turned off serv	505 - 506
RABCHLP2	AW:	Friend helped when gas/electric co turned off serv	507 - 508
RABCHLP3	AW:	Social services helped when gas co turned off serv	509 - 510
RABCHLP4	AW:	Nonprofit helped when gas company turned off service	511 - 512
RABCHLP5	AW:	Other source helped when gas co turned off service	513 - 514
RABDHLP1	AW:	Family helped with problem seeing a doctor	533 - 534
RABDHLP2	AW:	Friend helped with problem seeing a doctor	535 - 536
RABDHLP3	AW:	Social services helped with problem seeing a doctor	537 - 538
RABDHLP4	AW:	Nonprofit helped with problem seeing a doctor	539 - 540
RABDHLP5	AW:	Other source helped with problem seeing a doctor	541 - 542
RABEHLP1	AW:	Family helped when evicted from home or apartment	477 - 478
RABEHLP2	AW:	Friend helped when evicted from home or apartment	479 - 480
RABEHLP3	AW:	Social services helped when evicted from home or apt	481 - 482
RABEHLP4	AW:	Nonprofit helped when evicted from home or apt	483 - 484
RABEHLP5	AW:	Other source helped when evicted from home or apt	485 - 486
RABGHLP1	AW:	Family helped w/ problem paying gas, oil, electric	491 - 492
RABGHLP2	AW:	A non-relative helped with paying gas, oil, electric	493 - 494
RABGHLP3	AW:	Social services helped with problem paying gas, oil	495 - 496
RABGHLP4	AW:	Nonprofit helped with problem paying gas, oil, bills	497 - 498
RABGHLP5	AW:	Other source helped w/ problem paying gas,oil,bills	499 - 500
RABPHLP1	AW:	Family helped when telephone co disconnected serv	519 - 520
RABPHLP2	AW:	Friend helped when telephone co turned off service	521 - 522
RABPHLP3	AW:	Social serv helped when telephone co turned off serv	523 - 524
RABPHLP4	AW:	Nonprofit helped when telephone co turned off serv	525 - 526
RABPHLP5	AW:	Other source helped when telephone co turned off ser	527 - 528
RABRHLP1	AW:	Family helped with problem paying rent or mortgage	463 - 464
RABRHLP2	AW:	Friend helped with problem paying rent or mortgage	465 - 466
RABRHLP3	AW:	Social serv helped w/ problem paying rent/mortgage	467 - 468
RABRHLP4	AW:	Nonprofit helped with problem paying rent/mortgage	469 - 470
RABRHLP5	AW:	Other source helped w/ problem paying rent/mortgage	471 - 472
RABTHLP1	AW:	Family helped with problem seeing a dentist	547 - 548
RABTHLP2	AW:	Friend helped with problem seeing a dentist	549 - 550
RABTHLP3	AW:	Social services helped with problem seeing a dentist	551 - 552
RABTHLP4	AW:	Nonprofit helped with problem seeing a dentist	553 - 554

Variable		Description	Position
RABTHLP5	AW:	Other source helped with problem seeing a dentist	555 - 556
RACMOVE	AW:	Threat of crime enough that would move.	393 - 394
RACWDOG	AW:	Household has dog for protection.	387 - 388
RADDRYR	AW:	Household has clothes dryer	291 - 292
RADPHON	AW:	Household has telephone	324 - 325
RADWASH	AW:	Household has washing machine	288 - 289
RAHMOVE	AW:	Home undesirable enough to move.	366 - 367
RANMOVE	AW:	Neighborhood undesirable, would like to move	415 - 416
RAPMOVE	AW:	Public services undesirable, would like to move	454 - 455
RDESGPNT	PE:	Designated parent or guardian flag	88 - 89
RFID	FA:	Family ID Number for this month	33 - 35
RFID2	FA:	Family ID excluding related subfamily members	36 - 38
SHHADID	SU:	Hhld Address ID differentiates hhlds in sample unit	27 - 29
SINTHHID	SU:	Hhld Address ID of person in interview month	100 - 102
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
TAGE	PE:	Age as of last birthday	69 - 70
TAHROOM	AW:	Number of rooms in home	327 - 328
TCARENUM	IC:	Provide care/assistance to- number of HH person(s)	111 - 112
TFIPSST	HH:	FIPS State Code	25 - 26
THRST01	IC:	Hours per week care provided to HH member 1	140 - 141
THRST02	IC:	Hrs unpaid care/assistance by other(s) to HH mem 1	146 - 147
THRST03	IC:	Hrs of professional care/assistance to HH member 1	152 - 153
THRST04	IC:	Hours per week care provided to HH member 2	181 - 182
THRST05	IC:	Hrs unpaid care/assistance by other(s) to HH mem 2	187 - 188
THRST06	IC:	Hrs of professional care/assistance to HH member 2	193 - 194
THRST07	IC:	Hours per week care provided to Non-HH member 1	226 - 227
THRST08	IC:	Hours unpaid care/assist from other to NH member 1	232 - 233
THRST09	IC:	Hrs of professional care/assist to Non-HH member 1	241 - 242
THRST10	IC:	Hours per week care provided to Non-HH member 2	268 - 269
THRST11	IC:	Similar unpaid care provided by other to NH member 2	274 - 275
THRST12	IC:	Hrs of professional care/assist to Non-HH member 2	283 - 284
TNUMNHM	IC:	Provide care/assistance to- number of NH person(s)	199 - 200
TYRST01	IC:	Number of years care provided to HH member 1	122 - 123
TYRST02	IC:	Number of years care provided to HH member 2	163 - 164
TYRST03	IC:	Number of years care provided to Non-HH member 1	205 - 206
TYRST04	IC:	Number of years care provided to Non-HH member 2	247 - 248
WPFINWGT	WW:	Person weight	57 - 66

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 EMEDT02     2    169
T IC: Medical assistance provided to HH member 2
     HH07B@2 Now think about last month, what
     kind of assistance did ... give to ...?
     Did ... help with medical needs such as
     taking medicines or changing bandages?
     Universe =               All persons 15
     years of age or over in  two or more
     person households  ECAREHHM eq 1 and
     ECARENUM ge 2
V         -1 .Not in Universe
V          1 .Yes
V          2 .No
D EAPHOSP  2     439
T AW: Satisfaction with hospitals, health
  clinics, doctors
     AW30_CS4@1 Are you very satisfied,
     somewhat satisfied, somewhat dissatisfied,
     or very dissatisfied with each of the
     following services in your neighborhood:
     Hospitals, health clinics, and doctors?
     Universe =               All households
V         -1 .Not in Universe
V          1 .Very satisfied
V          2 .Somewhat satisfied
V          3 .Somewhat dissatisfied
V          4 .Very dissatisfied
V          5 .Haven't lived here long enough to
V            .know
```

SURVEY OF INCOME AND PROGRAM PARTICIPATION,
2008 PANEL WAVE 9 TOPICAL MODULE FILE DATA DICTIONARY

```
DATA         SIZE   BEGIN

D SSUSEQ       5       1
T SU: Sequence Number of Sample Unit - Primary
  Sort Key

U All persons
V    1:65000 .Sequence Number

D SSUID       12       6
T SU: Sample Unit Identifier
     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.
U All persons
V 000000000000:999999999999 .Scrambled Id

D SPANEL       4      18
T SU: Sample Code - Indicates Panel Year

U All persons
V       2008 .Panel Year

D SWAVE        2      22
T SU: Wave of data collection
     There were 13 waves of data collection in
     the 2008 Panel
U All persons
V       1:13 .Wave of data collection

D SROTATON     1      24
T SU: Rotation of data collection
     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.
U All persons
V        1:4 .Rotation of data collection

D TFIPSST      2      25
T HH: FIPS State Code
     FIPS State Code Federal Information
     Processing Standards state (and state
     equivalent) code for the 50 states, and
     DC.
U All persons
V         01 .Alabama
V         02 .Alaska
V         04 .Arizona
```

```
V         05 .Arkansas
V         06 .California
V         08 .Colorado
V         09 .Connecticut
V         10 .Delaware
V         11 .DC
V         12 .Florida
V         13 .Georgia
V         15 .Hawaii
V         16 .Idaho
V         17 .Illinois
V         18 .Indiana
V         19 .Iowa
V         20 .Kansas
V         21 .Kentucky
V         22 .Louisiana
V         23 .Maine
V         24 .Maryland
V         25 .Massachusetts
V         26 .Michigan
V         27 .Minnesota
V         28 .Mississippi
V         29 .Missouri
V         30 .Montana
V         31 .Nebraska
V         32 .Nevada
V         33 .New Hampshire
V         34 .New Jersey
V         35 .New Mexico
V         36 .New York
V         37 .North Carolina
V         38 .North Dakota
V         39 .Ohio
V         40 .Oklahoma
V         41 .Oregon
V         42 .Pennsylvania
V         44 .Rhode Island
V         45 .South Carolina
V         46 .South Dakota
V         47 .Tennessee
V         48 .Texas
V         49 .Utah
V         50 .Vermont
V         51 .Virginia
V         53 .Washington
V         54 .West Virginia
V         55 .Wisconsin
V         56 .Wyoming

D SHHADID     3     27
T SU: Hhld Address ID differentiates hhlds in
  sample unit
     Household Address ID.  This field
     differentiates households within the
     sample PSU, segment, serial, serial
     suffix; that is, households spawned from
     an original sample household.
```

```
U All persons
V    011:139 .Household Address ID

D EOUTCOME    3     30
T HH: Interview Status code for this household

U All persons in households
V        201 .Completed interview
V        203 .Compl. partial- missing data; no
V            .TYPE-Z
V        207 .Complete partial - TYPE-Z; no
V            .futher followup
V        213 .TYPE-A, language problem
V        216 .TYPE-A, no one home (noh)
V        217 .TYPE-A, temporarily absent (ta)
V        218 .TYPE-A, hh refused
V        219 .TYPE-A, other occupied (specify)
V        234 .TYPE-B, entire hh institut. or
V            .temp. ineligible
V        248 .TYPE-C, other (specify)
V        249 .TYPE-C, sample adjustment
V        250 .TYPE-C, hh deceased
V        251 .TYPE-C, moved out of country
V        252 .TYPE-C, living in armed forces
V            .barracks
V        253 .TYPE-C, on active duty in Armed
V            .Forces
V        254 .TYPE-C, no one over age 15 years
V            .in household
V        255 .TYPE-C, no Wave 1 persons
V            .remaining in household
V        260 .TYPE-D, moved address unknown
V            .-SPAWN
V        261 .TYPE-D, moved within U.S. but
V            .outside SIPP -SPAWN
V        262 .TYPE-C, merged with another SIPP
V            .household
V        270 .TYPE-C, mover, no longer located
V            .in FR's area -PARENT
V        271 .TYPE-C, mover, new address
V            .located in same FR's area
V            .-PARENT
V        280 .TYPE-D, mover, no longer located
V            .in FR's assignment area
V            .-SPAWN

D RFID        3     33
T FA: Family ID Number for this month
     Family ID number may be used to identify
     all persons in the same family in a given
     month.  This ID is used for primary
     families, unrelated subfamilies, and
     primary and secondary individuals.
     Persons in related subfamilies have the
     primary family ID in this field.
U All persons
V      1:120 .Family ID number
```

```
D RFID2       3     36
T FA: Family ID excluding related subfamily
  members
     Family ID number excluding members of
     related subfamilies. This ID is used for
     all persons except related subfamily
     members.
U All persons except those in related subfamilies
   (excludes persons with ESFTYPE = 2)
V         -1 .Not in Universe
V      1:120 .Family ID number

D EPPIDX      3     39
T PE: Person index
     Person index.  This field differentiates
        persons within the sample unit. Person
         index is unique within the sample unit
     and      wave.
U All persons
V      1:999 .Person index

D EENTAID     3     42
T PE: Address ID of hhld where person entered
  sample
     Address ID of the household that this
     person belonged to at the time this person
     first became part of the sample.
U All persons
V    011:139 .Entry address ID

D EPPPNUM     4     45
T PE: Person number
     Person number.  This field differentiates
     persons within the sample unit. Person
     number is unique within the sample unit.
U All persons
V  0101:1399 .Person number

D EPOPSTAT    1     49
T PE: Population status based on age in 4th
  reference month
     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.
U All persons
V          1 .Adult (15 years of age or older)
V          2 .Child (Under 15 years of age)

D EPPINTVW    2     50
T PE: Person's interview status

U All persons
V          1 .Interview (self)
V          2 .Interview (proxy)
```

```
V          3 .Noninterview - Type Z
V          4 .Noninterview - pseudo Type Z.
V            .Left sample during the
V            .reference period
V          5 .Children under 15 during
V            .reference period

D EPPMIS4     1     52
T PE: Person's 4th month interview status
     Person's interview status for month 4
U All persons
V          1 .Interview
V          2 .Non-interview

D ESEX        1     53
T PE: Sex of this person

U All persons
V          1 .Male
V          2 .Female

D ERACE       1     54
T PE: The race(s) the respondent is
     What race(s) does ... consider
     herself/himself to be? 1 White 2 Black or
     African American 3 American Indian or
     Alaska Native 4 Asian 5 Native Hawaiian or
     Other Pacific Islander
U All persons
V          1 .White alone
V          2 .Black alone
V          3 .Asian alone
V          4 .Residual

D EORIGIN     2     55
T PE: Spanish, Hispanic or Latino
     Is ... Spanish, Hispanic or Latino?
U All persons
V          1 .Yes
V          2 .No

D WPFINWGT   10     57
T WW: Person weight
     Final person weight Four implied decimal
     places.
U All persons
V 0.0000:99999.9999 .Final person weight

D ERRP        2     67
T PE: Household relationship

U All persons
V          1 .Reference person with related
V            .persons in household
V          2 .Reference Person without related
V            .persons in household
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 person
V          8 .Other relative of reference 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     69
T PE: Age as of last birthday
     Edited and imputed age as of last
     birthday. Topcoding combines persons into
     last two single year of age groups. User
     should combine 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     71
T PE: Marital status

U All adults (EPOPSTAT = 1)
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     72
T PE: Person number of spouse

U All persons
V  0101:1399 .Person number
V       9999 .Spouse not in household or person
V            .not married

D EPNMOM      4     76
T PE: Person number of mother

U All persons
V  0101:1399 .Person number
V       9999 .No mother in household

D EPNDAD      4     80
T PE: Person number of father

U All persons
V  0101:1399 .Person number
V       9999 .No father in household
```

```
D EPNGUARD    4     84
T PE: Person number of guardian

U All persons, 19 years and under  TAGE
V -1 .Not in Universe
V  0101:1399 .Person number
V       9999 .Guardian not in household

D RDESGPNT    2     88
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     90
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 age 15 and over
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
V         35 .9th Grade
V         36 .10th Grade
V         37 .11th Grade
V         38 .12th grade, no diploma
V         39 .High School Graduate - (diploma
V            .or GED or equivalent)
V         40 .Some college, but no degree
V         41 .Diploma or certificate from a
V            .vocational, technical,
V            .trade or business school
V            .beyond high
V         43 .Associate (2-yr) college degree
V            .(include
V            .academic/occupational
V            .degree)
V         44 .Bachelor's degree (for example:
V            .BA, AB, BS)
V         45 .Master's degree (For example: MA,
V            .MS, MEng, MEd, MSW, MBA)
V         46 .Professional School degree (for
V            .example: MD(doctor),DDS(dentist),JD(la-
V            .wyer)
V         47 .Doctorate degree (for example:
V            .Ph.D., Ed.D)

D LGTKEY      8     92
T PE: Person longitudinal key
```

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     NOTE: This variable is not used on the
     Preliminary Wave 1 file. 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.
U All persons
V 1001:70000001 .Longitudinal Key

D SINTHHID    3    100
T SU: Hhld Address ID of person in interview
  month
     Address ID of this person at time of
     interview (fifth month).  Universe =
             All persons
V          0 .Not In Universe
V    011:139 .Household Address ID

D EAICUNV     2    103
T IC: Universe indicator.
     Universe indicator.  Universe =
        All adults.
V         -1 .Not in Universe
V          1 .In universe

D EPVDCARE    2    105
T IC: Provides care or assistance to HH or NH
  person(s)
     HH01A There are situations in which people
     provide regular unpaid care of assistance
     to a family member or friend who has a
     long-term illness or a disability. During
     the past month, did ... provide any such
     care or assistance to a family member or
     friend living here or living elsewhere?
     INCLUDE ONLY UNPAID CARE OR ASSISTANCE
     ACTIVITIES. INCLUDE ONLY THOSE ACTIVITIES
     MADE NECESSARY BY THE ILLNESS OR
     DISABILITY OF THE RECIPIENT.  Universe =
                 All persons 15 years of age or
     older
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D APVDCARE    1    107
T IC: Allocation flag for EPVDCARE
     HH01A Allocation flag for providing care
     or assistance for household or
     non-household person(s)
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
```

```
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D ECAREHHM    2    108
T IC: Provides care or assistance to household
  (HH) member
     HH02 Did ... provide such care or
     assistance to someone living here in the
     past month?  Universe =               All
     persons 15 years of age or over in  two or
     more person households and who  provide
     care to someone (EPOPSTAT eq 1  and
     (EHHNUMPP ge 2 and EPVDCARE eq 1)
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D ACAREHHM    1    110
T IC: Allocation flag for ECAREHHM
     HH02 Allocation flag for providing care or
     assistance to household (HH) member
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D TCARENUM    2    111
T IC: Provide care/assistance to- number of HH
  person(s)
     HH03 During the past month, for how many
     persons living here did ... provide care
     or assistance?  Universe =
     All persons 15 years of age or over in
     two or more person households and who
     provide care to someone in the household
     (ECAREHHM eq 1)
V         -1 .Not in Universe
V        1:2 .Number of persons

D ACARENUM    1    113
T IC: Allocation flag for TCARENUM
     HH03 Allocation flag for providing care or
     assistance to- number of household (HH)
     person(s)
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EHHM1       4    114
T IC: For which person(s) assist provided to
  (1st HH mem)
     HH04@1 For which person(s) in this
     household did ... provide care or
     assistance?  (Please list only the two
     persons for whom ... provided the most
     assistance.) Universe =               All
```

```
     persons 15 years of age and  ECARENUM ge 1
V         -1 .Not in Universe
V  0101:1299 .Person number
V       9999 .Unknown person number

D AHHM1       1    118
T IC: Allocation flag for EHHM1
     HH04@1 Allocation flag for which 1st HH
     person(s) receiving assistance.
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D ERELT01     2    119
T IC: Relationship of giver to HH receiver 1
     HH05A What is ... relationship to ...?
     Universe =               All persons 15
     years of age or over intwo or more
     person households and  ECAREHHM eq 1 and
     ECARENUM ge 1
V         -1 .Not in Universe
V          1 .Spouse
V          2 .Partner
V          3 .Child
V          4 .Grandchild
V          5 .Parent
V          6 .Brother/sister
V          7 .Other relative
V          8 .Nonrelative
V          9 .Relationship not identified

D ARELT01     1    121
T IC: Allocation flag for ERELT01
     HH05A Allocation flag for relationship of
     giver to HH receiver 1.
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D TYRST01     2    122
T IC: Number of years care provided to HH
  member 1
     HH06A For how many years have ... provided
     care or assistance to ...?  Universe =
               All persons 15 years of age or
     over  in two or more person households and
      ECAREHHM eq 1
V         -1 .Not in Universe
V          0 .Less than 1 year of care provided
V          1 .1 year of care provided
V          2 .2 years of care provided
V          3 .3 years of care provided
V          4 .4 years of care provided
V          5 .5 years of care provided
V          6 .6 years of care provided
```

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V          7 .7 years of care provided
V          8 .8 to 9 years of care provided
V          9 .10 to 14 years of care provided
V         10 .15 to 19 years of care provided
V         11 .20 to 29 years of care provided
V         12 .30+ years of care provided

D AYRST01     1    124
T IC: Allocation flag for TYRST01
     HH06A Allocation flag for number of years
     care provided to HH member 1
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EADLT01     2    125
T IC: Dress assistance provided to HH member 1
     HH07A@1 What kind of assistance did ...
     give to ...? Did ... help him/her dress,
     eat, bathe, or get to the bathroom?
     Universe =               All persons 15
     years of age or over intwo or more
     person households and  ECAREHHM eq 1
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AADLT01     1    127
T IC: Allocation flag for EADLT01
     HH07A@1 Allocation flag for dress
     assistance provided to HH member 1 such as
     dress, eat, bathe, or get to the bathroom
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EMEDT01     2    128
T IC: Medical assistance provided to HH member 1
     HH07A@2 What kind of assistance did ...
     give to ...? Did ... help with medical
     needs such as taking medicines or changing
     bandages?  Universe =               All
     persons 15 years of age or over in  two or
     more person households and  ECAREHHM eq 1
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AMEDT01     1    130
T IC: Allocation flag for EMEDT01
     HH07A@2 Allocation flag for kind of
     assistance provided medical needs to HH
     member 1
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
```

```
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EMNYT01     2    131
T IC: Financial assistance provided to HH
  member 1
     HH07A@3 What kind of assistance did ...
     give to ...? Did ... help him/her keep
     track of bills, checks, or other financial
     matters?  Universe =              All
     persons 15 years of age or over in  two or
     more person households and  ECAREHHM eq 1
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AMNYT01     1    133
T IC: Allocation flag for EMNYT01 HH07A@3
     Allocation flag for kinds of
     assistance provided bills, checks, or
     other financial matters to household (HH)
     member 1
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EOUTT01     2    134
T IC: Transportation assistance provided to HH
  member 1
     HH07A@4 What kind of assistance did ...
     give to ...? Did ... help by taking
     him/her shopping or to the doctor's
     office?  Universe =               All
     persons 15 years of age or over intwo or
     more person households and  ECAREHHM eq 1
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AOUTT01     1    136
T IC: Allocation flag for EOUTT01
     HH07A@4 Allocation flag for kinds of
     assistance provided transportation to HH
     member 1
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EOTHLP01    2    137
T IC: Other assistance provided to HH member 1
     HH07A@5 Now think about last month, what
     kind of assistance did ... give to ...?
     Did ... help in any other way?  Universe =
                   All persons 15 years of age
     or over in two  or more person households
```

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     (ECARENUM ge 2)  and ECAREHHM eq 1
V          -1 .Not in Universe
V           1 .Yes
V           2 .No

D AOTHLP01    1    139
T IC: Allocation flag for EOTHLP01
     HH07A@5 Allocation flag for other
     assistance provided to HH member 1
V           0 .Not imputed
V           1 .Statistical imputation (hot deck)
V           2 .Cold deck imputation
V           3 .Logical imputation (derivation)

D THRST01     2    140
T IC: Hours per week care provided to HH member
  1
     HH08A On average, how many hours a week
     did ... usually spend providing care or
     assistance for ... in the past month?
     Universe =               All persons 15
     years of age or over intwo or more
     person households and  ECAREHHM eq 1
V          -1 .Not in Universe
V           1 .1 to 2 hours of care provided
V           2 .3 hours of care provided
V           3 .4 hours of care provided
V           4 .5 hours of care provided
V           5 .6 to 7 hours of care provided
V           6 .8 hours of care provided
V           7 .9 to 11 hours of care provided
V           8 .12 to 14 hours of care provided
V           9 .15 to 19 hours of care provided
V          10 .20 to 24 hours of care provided
V          11 .25 to 29 hours of care provided
V          12 .30 to 39 hours of care provided
V          13 .40 to 49 hours of care provided
V          14 .50 to 59 hours of care provided
V          15 .60 to 79 hours of care provided
V          16 .80 to 89 hours of care provided
V          17 .90 to 119 hours of care provided
V          18 .120 to 159 hours of care provided
V          19 .160+ hours of care provided

D AHRST01     1    142
T IC: Allocation flag for THRST01
     HH08A Allocation for the number of hours
     per week care is provided to HH member 1
V           0 .Not imputed
V           1 .Statistical imputation (hot deck)
V           2 .Cold deck imputation
V           3 .Logical imputation (derivation)

D EOPT01      2    143
T IC: Similar unpaid care provided by other to
  HH mem 1
     HH09A Did ... receive similar unpaid care
```

```
     or assistance from anyone other than you
     in the past month?  Universe =
       All persons 15 years of age or over in
     two or more person households and
     ECAREHHM eq 1
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AOPT01      1    145
T IC: Allocation flag for EOPT01
     HH09A Allocation flag for receipt of
     similar unpaid care or assistance from any
     other persons to HH member 1
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D THRST02     2    146
T IC: Hrs unpaid care/assistance by other(s) to
  HH mem 1
     HH10A Think about the unpaid care and
     assistance provided by other person(s) in
     the past month, on average, how many hours
     per week did ... usually receive care or
     assistance?  Universe =               All
     persons 15 years of age or over in two or
     more person households and ECAREHHM eq 1
     and  EOPT01 eq 1
V         -1 .Not in Universe
V          1 .1 to 2 hours of unpaid care
V            .provided
V          2 .3 hours of unpaid care provided
V          3 .4 hours of unpaid care provided
V          4 .5 to 6 hours of unpaid care
V            .provided
V          5 .7 to 8 hours of unpaid care
V            .provided
V          6 .9 to 10 hours of unpaid care
V            .provided
V          7 .11 to 14 hours of unpaid care
V            .provided
V          8 .15 to 19 hours of unpaid care
V            .provided
V          9 .20 to 29 hours of unpaid care
V            .provided
V         10 .30 to 39 hours of unpaid care
V            .provided
V         11 .40 to 59 hours of unpaid care
V            .provided
V         12 .60 to 69 hours of unpaid care
V            .provided
V         13 .70 to 99 hours of unpaid care
V            .provided
V         14 .100 to 149 hours of unpaid care
V            .provided
```

```
V         15 .150+ hours of unpaid care provided

D AHRST02     1    148
T IC: Allocation flag for THRST02
     HH10A Allocation flag for hours of unpaid
     care or assistance by other(s) to HH
     member 1
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EHCT01      2    149
T IC: Receipt of professional hlth care
  service- HH mem 1
     HH12A Sometimes people receive home health
     care services such as visits by nurses or
     therapists or home health aides. Did ...
     receive professional home health services
     in the past month?  Universe =
       All persons 15 years of age or over in
     two or  more person households and
     ECAREHHM eq 1
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AHCT01      1    151
T IC: Allocation flag for EHCT01
     HH12A Allocation flag for receipt of
     professional home health services of HH
     member 1
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D THRST03     2    152
T IC: Hrs of professional care/assistance to HH
  member 1
     HH12A1 In terms of professional care and
     assistance from home health care services,
     how many hours per week did ... usually
     receive in the past month?  Universe =
               All persons 15 years of age or
     over in two  or more person households and
     ECAREHHM eq 1  and EHCT01 eq 1
V         -1 .Not in Universe
V          1 .1 hour of professional care
V            .provided
V          2 .2 hours of professional care
V            .provided
V          3 .3 hours of professional care
V            .provided
V          4 .4 hours of professional care
V            .provided
V          5 .5 hours of professional care
```

```
V            .provided
V          6 .6 hours of professional care
V            .provided
V          7 .7 to 10 hours of professional
V            .care provided
V          8 .11 to 14 hours of professional
V            .care provided
V          9 .15 to 19 hours of professional
V            .care provided
V         10 .20 to 24 hours of professional
V            .care provided
V         11 .25 to 39 hours of professional
V            .care provided
V         12 .40 to 59 hours of professional
V            .care provided
V         13 .60+ hours of professional care
V            .provided

D AHRST03     1    154
T IC: Allocation flag for THRST03
      HH12A1 Allocation flag for hours of
      professional care or assistance to HH
      member 1
V           0 .Not imputed
V           1 .Statistical imputation (hot deck)
V           2 .Cold deck imputation
V           3 .Logical imputation (derivation)

D EHHM2       4    155
T IC: For which person(s) assist provided to
  (2nd HH mem)
      HH04@2 For which person(s) in this
      household did ... provide care or
      assistance?  Please list only the two
      persons for whom ... provided the most
      assistance.  Universe =               All
      persons 15 years of age or over  in two or
      more person households and  ECAREHHM eq 1
      and ECARENUM ge 2
V          -1 .Not in Universe
V  0101:1299 .Person number
V       9999 .Unknown person number

D AHHM2       1    159
T IC: Allocation flag for EHHM2
      HH04@2 Allocation flag for which 2nd HH
      person(s) receiving assistance.
V           0 .Not imputed
V           1 .Statistical imputation (hot deck)
V           2 .Cold deck imputation
V           3 .Logical imputation (derivation)

D ERELT02     2    160
T IC: Relationship of giver to HH receiver 2
      HH05B What is...relationship to...?
      Universe =               All persons 15
      years of age or over in  two or more
```

```
     person households and  ECAREHHM eq 1 and
     ECARENUM ge 2
V         -1 .Not in Universe
V          1 .Spouse
V          2 .Partner
V          3 .Child
V          4 .Grandchild
V          5 .Parent
V          6 .Brother/sister
V          7 .Other relative
V          8 .Nonrelative
V          9 .Relationship not identified

D ARELT02     1    162
T IC: Allocation flag for ERELT02
     HH05B Allocation flag for relationship of
     giver to HH receiver 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D TYRST02     2    163
T IC: Number of years care provided to HH
  member 2
     HH06B For how many years have ... provided
     care or assistance to ...?  Universe =
               All persons 15 years of age or
     over in  two or more person households
     ECAREHHM eq 1 and ECARENUM ge 2
V         -1 .Not in Universe
V          0 .Less than 1 year of care provided
V          1 .1 year of care provided
V          2 .2 years of care provided
V          3 .3 years of care provided
V          4 .4 years of care provided
V          5 .5 years of care provided
V          6 .6 years of care provided
V          7 .7 years of care provided
V          8 .8 to 9 years of care provided
V          9 .10 to 13 years of care provided
V         10 .14 to 29 years of care provided
V         11 .30+ years of care provided

D AYRST02     1    165
T IC: Allocation flag for TYRST02
     HH06B Allocation flag for number of years
     care provided to HH member 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EADLT02     2    166
T IC: Dress assistance provided to HH member 2
     HH07B@1 Now think about last month, what
     kind of assistance did ... give to ...?
```

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     Did ... help him/her dress, eat, bathe, or
     get to the bathroom?  Universe =
         All persons 15 years of age or over in
      two or more person households  ECAREHHM
     eq 1 and ECARENUM ge 2
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AADLT02     1    168
T IC: Allocation flag for EADLT02
     HH07B@1 Allocation flag for dress
     assistance provided to HH member 2 such as
     dress, eat, bathe, or get to the bathroom
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EMEDT02     2    169
T IC: Medical assistance provided to HH member 2
     HH07B@2 Now think about last month, what
     kind of assistance did ... give to ...?
     Did ... help with medical needs such as
     taking medicines or changing bandages?
     Universe =               All persons 15
     years of age or over in  two or more
     person households  ECAREHHM eq 1 and
     ECARENUM ge 2
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AMEDT02     1    171
T IC: Allocation flag for EMEDT02
     HH07B@2 Allocation flag for kind of
     assistance provided medical needs to HH
     member 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EMNYT02     2    172
T IC: Financial assistance provided to HH
  member 2
     HH07B@3 Now think about last month, what
     kind of assistance did ... give to ...?
     Did ... help him/her keep track of bills,
     checks, or other financial matters?
     Universe =               All persons 15
     years of age or over in  two or more
     person households  ECAREHHM eq 1 and
     ECARENUM ge 2
V         -1 .Not in Universe
V          1 .Yes
V          2 .No
```

```
D AMNYT02     1    174
T IC: Allocation flag for EMNYT02
     HH07B@3 Allocation flag for kinds of
     assistance provided bills, checks, or
     other financial matters to HH member 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EOUTT02     2    175
T IC: Transportation assistance provided to HH
  member 2
     HH07B@4 Now think about last month, what
     kind of assistance did ... give to ...?
     Did ... help by taking him/her shopping or
     to the doctor's office?  Universe =
            All persons 15 years of age or over
     in  two or more person households
     ECAREHHM eq 1 and ECARENUM ge 2
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AOUTT02     1    177
T IC: Allocation flag for EOUTT02
     HH07B@4 Allocation flag for kinds of
     assistance provided transportation to HH
     member 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EOTHLP02    2    178
T IC: Other assistance provided to HH member 2
     HH07B@5 Now think about last month, what
     kind of assistance did ... give to ...?
     Did ... help in any other way?  Universe =
                   All persons 15 years of age
     or over in two  or more person households
     (ECARENUM ge 2)  and ECAREHHM eq 1
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AOTHLP02    1    180
T IC: Allocation flag for EOTHLP02
     HH07B@5 Allocation flag for other
     assistance provided to HH member 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D THRST04     2    181
```

```
T IC: Hours per week care provided to HH member
  2
     HH08B On average, how many hours a week
     did ... usually spend providing care or
     assistance for ... in the past month?
     Universe =               All persons 15
     years of age or over in  two or more
     person households (ECARENUM ge 2)  and
     ECAREHHM eq 1
V         -1 .Not in Universe
V          1 .1 hour of care provided
V          2 .2 to 3 hours of care provided
V          3 .4 hours of care provided
V          4 .5 hours of care provided
V          5 .6 to 7 hours of care provided
V          6 .8 to 10 hours of care provided
V          7 .11 to 14 hours of care provided
V          8 .15 to 20 hours of care provided
V          9 .21 to 39 hours of care provided
V         10 .40 to 59 hours of care provided
V         11 .60 to 99 hours of care provided
V         12 .100 to 149 hours of care provided
V         13 .150+ hours of care provided

D AHRST04     1    183
T IC: Allocation flag for THRST04
     HH08B Allocation for the number of hours
     per week care is provided to HH member 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EOPT02      2    184
T IC: Similar unpaid care provided by other to
  HH mem 2
     HH09B Did ... receive similar unpaid care
     or assistance from anyone other than you
     in the past month?  Universe =
       All persons 15 years of age or over in
     two or more person households  ECAREHHM eq
     1 and ECARENUM ge 2
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AOPT02      1    186
T IC: Allocation flag for EOPT02
     HH09B Allocation flag for receipt of
     similar unpaid care or assistance from any
     other persons to HH member 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imutation
V          3 .Logical imputation (derivation)

D THRST05     2    187
```

```
T IC: Hrs unpaid care/assistance by other(s) to
  HH mem 2
     HH10B Think about the unpaid care and
     assistance provided by other person(s) in
     the past month, on average, how many hours
     per week did ... usually receive care or
     assistance?  Universe =              All
     persons 15 years of age or over in two or
     more person households and ECAREHHM eq 1
     and EOPT02 eq 1 and ECARENUM ge 2
V         -1 .Not in Universe
V          1 .1 to 2 hours of unpaid care
V            .provided
V          2 .3 to 5 hours of unpaid care
V            .provided
V          3 .6 to 10 hours of unpaid care
V            .provided
V          4 .11 to 39 hours of unpaid care
V            .provided
V          5 .40 to 99 hours of unpaid care
V            .provided
V          6 .100+ hours of unpaid care provided

D AHRST05     1    189
T IC: Allocation flag for THRST05
     HH10B Allocation flag for hours of unpaid
     care or assistance by other(s) to HH
     member 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EHCT02      2    190
T IC: Receipt of professional hlth care
  service- HH mem 2
     HH12B Sometimes people receive
     professional home health care services
     such as visits by nurses or therapists or
     home health aides.  Did ... receive
     professional home health care services in
     the past month?  Universe =
     All persons 15 years of age or over in
     two or more person households  ECAREHHM eq
     1 and ECARENUM ge 2
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AHCT02      1    192
T IC: Allocation flag for EHCT02
     Allocation flag for receipt of
     professional home health care services of
     HH member 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
```

```
V          3 .Logical imputation (derivation)

D THRST06     2    193
T IC: Hrs of professional care/assistance to HH
  member 2
     HH12B1 In terms of professional care and
     assistance from home health care services,
     how many hours per week did ... usually
     receive in the past month?  Universe =
                All persons 15 years of age or
     over in  two or more person households and
      ECAREHHM eq 1 and EHCT02 eq 1 and
     ECARENUM ge 2
V         -1 .Not in Universe
V          1 .1 to 5 hours of professional care
V            .provided
V          2 .6 to 19 hours of professional
V            .care provided
V          3 .20+ hours of professional care
V            .provided

D AHRST06     1    195
T IC: Allocation flag for THRST06
     HH12B1 Allocation flag for hours of
     professional home health care services to
     HH member 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D ECARENHM    2    196
T IC: Provide care/assistance to persons
  outside home (NH)
     HH13 During the past month, did ...
     provide any unpaid care or assistance to
     any persons who lived outside of ... home?
     INCLUDE ONLY UNPAID CARE OR ASSISTANCE
     ACTIVITIES. INCLUDE ONLY THOSE ACTIVITIES
     MADE NECESSARY BY THE ILLNESS OR
     DISABILITY OF THE RECIPIENT.  Universe =
                  All persons 15 years of age or
     over and  EPVDCARE eq 1
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D ACARENHM    1    198
T IC: Allocation flag for ECARENHM
     HH13 Allocation flag for providing care or
     assistance to persons outside of home (NH)
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D TNUMNHM     2    199
```

```
T IC: Provide care/assistance to- number of NH
  person(s)
     HH14 For how many persons living outside
     of ... home did ... provide care or
     assistance in the past month?  Universe =
                  All persons 15 years of age
     or over and  EPVDCARE eq 1 and ECARENHM eq
     1
V         -1 .Not in Universe
V        1:3 .Number of persons

D ANUMNHM     1    201
T IC: Allocation flag for TNUMNHM
     HH14 Allocation flag for providing care or
     assistance number of non household (NH)
     persons
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D ERELT03     2    202
T IC: Relationship of giver to Non-HH member
  receiver 1
     HH16A What is ... relationship to ...?
     Universe =               All persons 15
     years of age or over intwo or more
     person households and  ECARENHM eq 1 and
     ENUMNHM ge 1
V         -1 .Not in Universe
V          1 .Spouse
V          2 .Partner
V          3 .Child
V          4 .Grandchild
V          5 .Parent
V          6 .Brother/sister
V          7 .Other relative
V          8 .Nonrelative
V          9 .Relationship not identified

D ARELT03     1    204
T IC: Allocation flag for ERELT03
     HH16A Allocation flag relationship of
     giver to non-household (NH) receiver 1
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D TYRST03     2    205
T IC: Number of years care provided to Non-HH
  member 1
     HH17A For how many years have ... provided
     care or assistance to ...?  Universe =
               All persons 15 years of age or
     over  and EPVDCARE eq 1 and ECARENHM eq 1
V         -1 .Not in Universe
```

```
V          0 .Less than 1 year of care provided
V          1 .1 year of care provided
V          2 .2 years of care provided
V          3 .3 years of care provided
V          4 .4 years of care provided
V          5 .5 years of care provided
V          6 .6 to 8 years of care provided
V          7 .9 to 10 years of care provided
V          8 .11 to 19 years of care provided
V          9 .20+ years of care provided

D AYRST03     1    207
T IC: Allocation flag for TYRST03
     HH17A Allocation flag for number of years
     care provided to non-household (NH) member
     1
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D ERESOF3     2    208
T IC: Type of residence of Non-HH member 1
     HH18A In what type of residence did ...
     live?  Was it in an ordinary residence,
     such as a house or apartment, or was it
     some type of care facility?  Universe =
                 All persons 15 years of age or
     over and  EPVDCARE eq 1 and ECARENHM eq 1
V         -1 .Not in Universe
V          1 .House or apartment
V          2 .Care facility
V          3 .Other

D ARESOF3     1    210
T IC: Allocation flag for ERESOF3
     HH18A Allocation flag for type of
     residence of non-household (NH) member 1
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EADLT03     2    211
T IC: Dress assistance provided to Non-HH
  member 1
     HH19A@1 What kind of assistance did ...
     give to ...? Did ... help him/her dress,
     eat, bathe, or get to the bathroom?
     Universe =               All persons 15
     years of age or over  and EPVDCARE eq 1
     and ECARENHM eq 1
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AADLT03     1    213
```

```
T IC: Allocation flag for EADLT03
     HH19A@1 Allocation flag for dress
     assistance provided to non-household (NH)
     member 1 such as dress, eat, bathe, or get
     to the bathroom
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EMEDT03     2    214
T IC: Medical assistance provided to Non-HH
  member 1
     HH19A@2 What kind of assistance did ...
     give to ...? Did ... help with medical
     needs such as taking medicines or changing
     bandages?  Universe =               All
     persons 15 years of age or over  and
     EPVDCARE eq 1 and ECARENHM eq 1
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AMEDT03     1    216
T IC: Allocation flag for EMEDT03
     HH19A@2 Allocation flag for kind of
     assistance provided medical needs to
     non-household (NH) member 1
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EMNYT03     2    217
T IC: Financial assistance provided to Non-HH
  member 1
     HH19A@3 What kind of assistance did ...
     give to ...? Did ... help him/her keep
     track of bills, checks, or other financial
     matters?  Universe =               All
     persons 15 years of age or over  and
     EPVDCARE eq 1 and ECARENHM eq 1
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AMNYT03     1    219
T IC: Allocation flag for EMNYT03
     HH19A@3 Allocation flag for kinds of
     assistance provided bills, checks, or
     other financial matters to non-houeshold
     (NH) member 1
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)
```

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D EOUTT03     2    220
T IC: Transportation assistance provided to
  Non-HH mem 1
     HH19A@4 What kind of assistance did ...
     give to ...? Did ... help by taking
     him/her shopping or to the doctor's
     office?  Universe =              All
     persons 15 years of age or over  and
     EPVDCARE eq 1 and ECARENHM eq 1
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AOUTT03     1    222
T IC: Allocation flag for EOUTT03
     HH19A@4 Allocation flag for kinds of
     assistance provided transportation to
     non-household (NH) member 1
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EOTHLP03    2    223
T IC: Other assistance provided to Non-HH
  member 1
     HH19A@5 What kind of assistance did ...
     give to ...?  Help in any other way?
     Universe =               All persons 15
     years of age or over and  EPVDCARE eq 1
     and ECARENHM eq 1
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AOTHLP03    1    225
T IC: Allocation flag for EOTHLP03
     HH19A@5 Allocation flag for other
     assistance provided to non-household (NH)
     member 1
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D THRST07     2    226
T IC: Hours per week care provided to Non-HH
  member 1
     HH20A On average, how many hours a week
     did ... usually spend providing care or
     assistance for ...?  Universe =
        All persons 15 years of age or over and
      EPVDCARE eq 1 and ECARENHM eq 1
V         -1 .Not in Universe
V          1 .1 hour of care provided
V          2 .2 hours of care provided
V          3 .3 hours of care provided
```

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V          4 .4 hours of care provided
V          5 .5 hours of care provided
V          6 .6 hours of care provided
V          7 .7 to 8 hours of care provided
V          8 .9 to 10 hours of care provided
V          9 .11 to 15  hours of care provided
V         10 .16 to 20 hours of care provided
V         11 .21 to 30 hours of care provided
V         12 .31 to 40 hours of care provided
V         13 .41+ hours of care provided

D AHRST07     1    228
T IC: Allocation flag for THRST07
     HH20A Allocation for the number of hours
     per week care is provided to non-household
     (NH) member 1
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EOPT03      2    229
T IC: Similar unpaid care provided by other to
  NH member 1
     HH21A During the past month, did ...
     receive similar unpaid care or assistance
     from any other persons?  Universe =
            All persons 15 years of age or over
      and EPVDCARE eq 1 and ECARENHM eq 1
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AOPT03      1    231
T IC: Allocation flag for EOPT03
     HH21A Allocation flag for receipt of
     similar unpaid care or assistance from any
     other persons to non-household (NH) member
     1
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D THRST08     2    232
T IC: Hours unpaid care/assist from other to NH
  member 1
     HH21A1 Think about last month, how many
     hours per week of unpaid care or
     assistance did ... usually receive from
     that person?  Universe =               All
     persons 15 years of age or over and
     EPVDCARE eq 1 and ECARENHM eq 1 and
     EOPT03 eq 1
V         -1 .Not in Universe
V          1 .1 hour of unpaid care provided
V          2 .2 hours of unpaid care provided
```

```
V          3 .3 hours of unpaid care provided
V          4 .4 hours of unpaid care provided
V          5 .5 hours of unpaid care provided
V          6 .6 to 7 hours of unpaid care
V            .provided
V          7 .8 to 9 hours of unpaid care
V            .provided
V          8 .10 hours of unpaid care provided
V          9 .11 to 14 hours of unpaid care
V            .provided
V         10 .15 to 19 hours of unpaid care
V            .provided
V         11 .20 to 23 hours of unpaid care
V            .provided
V         12 .24 to 29 hours of unpaid care
V            .provided
V         13 .30 to 39 hours of unpaid care
V            .provided
V         14 .40 to 49 hours of unpaid care
V            .provided
V         15 .50 to 89 hours of unpaid care
V            .provided
V         16 .90 to 149 hours of unpaid care
V            .provided
V         17 .150+ hours of unpaid care provided

D AHRST08     1    234
T IC: Allocation flag for THRST08
     HH21A1 Allocation flag for receipt of
     similar unpaid care or assistance from any
     other persons to non-household member 1
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D ECOMPT03    2    235
T IC: Companionship provided to Non-HH member 1
     HH22A During the past month, did ...
     regularly spend time with ... in order to
     provide companionship and emotional
     support because of his/her long-term
     illness or disability?  Universe =
           All persons 15 years of age or over
     and EPVDCARE eq 1 and ECARENHM eq 1
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D ACOMPT03    1    237
T IC: Allocation flag for ECOMPT03
     HH22A Allocation flag for regularly
     spending time to provide companionship and
     emotional support to non-household (NH)
     member 1
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
```

```
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EHCT03      2    238
T IC: Receipt of professional hlth care
  service- NH mem 1
     HH24A Sometimes people receive
     professional home health care services
     such as visits by nurses or therapists or
     home health aides.  Did ... receive
     professional home health care or
     assistance in the past month?  Universe =
                  All persons 15 years of age
     or over  and EPVDCARE eq 1 and ECARENHM eq
     1
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AHCT03      1    240
T IC: Allocation flag for EHCT03
     HH24A Allocation flag for receipt of
     professional home health services of
     non-household (NH) member 1
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D THRST09     2    241
T IC: Hrs of professional care/assist to Non-HH
  member 1
     HH24A1 Ihttp://www.census.gov/programs-
     surveys/sipp/tech-documentation/data-
     dictionaries/data-dictionaries-2008.htmln
     terms of professional care and assistance
     from home health care services, how many
     hours per week did ... usually receive in
     the past month?             Universe =
               All persons 15 years of age or
     over and  EPVDCARE eq 1 and ECARENHM eq 1
     and  EHCT03 eq 1
V         -1 .Not in Universe
V          1 .1 hour of care provided
V          2 .2 hours of care provided
V          3 .3 hours of care provided
V          4 .4 hours of care provided
V          5 .5 hours of care provided
V          6 .6 hours of care provided
V          7 .7 to 8 hours of care provided
V          8 .9 to 10 hours of care provided
V          9 .11 to 15 hours of care provided
V         10 .16 to 20 hours of care provided
V         11 .21 to 39 hours of care provided
V         12 .40 to 79 hours of care provided
V         13 .80 to 139 hours of care provided
V         14 .140 to 159 hours of care provided
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V         15 .160+ hours of care provided

D AHRST09     1    243
T IC: Allocation flag for THRST09
     HH24A1 Allocation flag for receipt of
     professional care or assistance to
     non-household (NH) member 1
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D ERELT04     2    244
T IC: Relationship of giver to Non-HH member
  receiver 2
     HH16B What is...relationship to...?
     Universe =               All persons 15
     years of age or over intwo or more
     person households and  ECARENHM eq 1 and
     ENUMNHM ge 2
V         -1 .Not in Universe
V          1 .Spouse
V          2 .Partner
V          3 .Child
V          4 .Grandchild
V          5 .Parent
V          6 .Brother/sister
V          7 .Other relative
V          8 .Nonrelative
V          9 .Relationship not identified

D ARELT04     1    246
T IC: Allocation flag for ERELT04
     HH16B Allocation flag relationship of
     giver to non-household (NH) receiver 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D TYRST04     2    247
T IC: Number of years care provided to Non-HH
  member 2
     HH17B For how many years have ... provided
     care or assistance to ...?  Universe =
               All persons 15 years of age or
     over  EPVDCARE eq 1 and ECARENHM eq 1 and
     ENUMNHM ge 2
V         -1 .Not in Universe
V          0 .Less than 1 year of care provided
V          1 .1 year of care provided
V          2 .2 years of care provided
V          3 .3 years of care provided
V          4 .4 years of care provided
V          5 .5 years of care provided
V          6 .6 to 9 years of care provided
V          7 .10 to 19 years of care provided
V          8 .20+ years of care provided
```

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D AYRST04     1    249
T IC: Allocation flag for TYRST04
      HH17B Allocation flag for number of years
      care provided to non-household (NH) member
      2
V           0 .Not imputed
V           1 .Statistical imputation (hot deck)
V           2 .Cold deck imputation
V           3 .Logical imputation (derivation)

D ERESOF4     2    250
T IC: Type of residence of Non-HH member 2
      HH18B In what type of residence did ...
      live in the past month?  Was it in an
      ordinary residence, such as a house or
      apartment, or was it some type of care
      facility?  Universe =               All
      persons 15 years of age or over  EPVDCARE
      eq 1 and ECARENHM eq 1 and  ENUMNHM ge 2
V          -1 .Not in Universe
V           1 .House or apartment
V           2 .Care facility
V           3 .Other

D ARESOF4     1    252
T IC: Allocation flag for ERESOF4
      HH18B Allocation flag for type of
      residence of non-household (NH) member 2
V           0 .Not imputed
V           1 .Statistical imputation (hot deck)
V           2 .Cold deck imputation
V           3 .Logical imputation (derivation)

D EADLT04     2    253
T IC: Dress assistance provided to Non-HH
  member 2
      HH19B@1 What kind of assistance did ...
      give to ...? Did ... help him/her dress,
      eat bathe, or get to the bathroom?
      Universe =               All persons 15
      years of age or over  EPVDCARE eq 1 and
      ECARENHM eq 1 and  ENUMNHM ge 2
V          -1 .Not in Universe
V           1 .Yes
V           2 .No

D AADLT04     1    255
T IC: Allocation flag for EADLT04
      HH19B@1 Allocation flag for dress
      assistance provided to non-household (NH)
      member 2 such as dress, eat, bathe, or get
      to the bathroom
V           0 .Not imputed
V           1 .Statistical imputation (hot deck)
V           2 .Cold deck imputation
V           3 .Logical imputation (derivation)

D EMEDT04     2    256
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T IC: Medical assistance provided to Non-HH
  member 2
     HH19B@2 What kind of assistance did ...
     give to ...? Did ... help with medical
     needs such as taking medicines or changing
     bandages?  Universe =               All
     persons 15 years of age or over  EPVDCARE
     eq 1 and ECARENHM eq 1 and  ENUMNHM ge 2
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AMEDT04     1    258
T IC: Allocation flag for EMEDT04 HH19B@2
     Allocation flag for kind of
     assistance provided medical needs to
     non-household (NH) member 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EMNYT04     2    259
T IC: Financial assistance provided to Non-HH
  member 2
     HH19B@3 What kind of assistance did...give
     to ...? Did ... help him/her keep track of
     bills, checks, or other financial matters?
      Universe =               All persons 15
     years of age or over  EPVDCARE eq 1 and
     ECARENHM eq 1 and  ENUMNHM ge 2
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AMNYT04     1    261
T IC: Allocation flag for EMNYT04
     HH19B@3 Allocation flag for kinds of
     assistance provided bills, checks, or
     other financial matters to non-household
     member 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EOUTT04     2    262
T IC: Transportation assistance provided to
  Non-HH mem 2
     HH19B@4 What kind of assistance did ...
     give to ...? Did ... help by taking
     him/her shopping or to the doctor's
     office?  Universe =              All
     persons 15 years of age or over  EPVDCARE
     eq 1 and ECARENHM eq 1 and  ENUMNHM ge 2
V         -1 .Not in Universe
V          1 .Yes
```

```
V          2 .No

D AOUTT04     1    264
T IC: Allocation flag for EOUTT04
     HH19B@4 Allocation flag for kinds of
     assistance provided transportation to
     non-household (NH) member 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EOTHLP04    2    265
T IC: Other assistance provided to Non-HH
  member 2
     HH19B@5 What kind of assistance did ...
     give to ...? Did ... help in any other
     way?  Universe =               All persons
     15 years of age or over(ENUMNHM ge 2)
     and EPVDCARE eq 1 and  ECARENHM eq 1
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AOTHLP04    1    267
T IC: Allocation flag for EOTHLP04
     HH19B@5 Allocation flag for other
     assistance provided to non-household (NH)
     member 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D THRST10     2    268
T IC: Hours per week care provided to Non-HH
  member 2
     HH20B On average, how many hours a week
     did ... usually spend providing care or
     assistance for ...?  Universe =
        All persons 15 years of age or over
     (ENUMNHM ge 2) and EPVDCARE eq 1 and
     ECARENHM eq 1
V         -1 .Not in Universe
V          1 .1 hour of care provided
V          2 .2 hours of care provided
V          3 .3 hours of care provided
V          4 .4 hours of care provided
V          5 .5 hours of care provided
V          6 .6 hours of care provided
V          7 .7 to 9 hours of care provided
V          8 .10 hours of care provided
V          9 .11 to 19 hours of care provided
V         10 .20 to 39 hours of care provided
V         11 .40+ hours of care provided

D AHRST10     1    270
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T IC: Allocation flag for THRST10
     HH20B Allocation for the number of hours
     per week care is provided to non-household
     (NH) member 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EOPT04      2    271
T IC: Similar unpaid care provided by other to
  NH member 2
     HH21B During the past month, did ...
     receive similar unpaid care or assistance
     from any other persons?  Universe =
            All persons 15 years of age or over
      EPVDCARE eq 1 and ECARENHM eq 1 and
     ENUMNHM ge 2
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AOPT04      1    273
T IC: Allocation flag for EOPT04
     HH21B Allocation flag for receipt of
     similar unpaid care or assistance from any
     other persons to non-household (NH) member
     2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D THRST11     2    274
T IC: Similar unpaid care provided by other to
  NH member 2
     HH21B1 Think about the last month, how
     many hours per week of unpaid care or
     assistance did ... usually receive from
     that person(s)?  Universe =
     All persons 15 years of age or over
     (ENUMNHM ge 2) and EPVDCARE eq 1 and
     ECARENHM eq 1 and EOPT04 eq 1
V         -1 .Not in Universe
V          1 .1 hour of unpaid care provided
V          2 .2 hours of unpaid care provided
V          3 .3 hours of unpaid care provided
V          4 .4 hours of unpaid care provided
V          5 .5 hours of unpaid care provided
V          6 .6 hours of unpaid care provided
V          7 .7 to 9 hours of unpaid care
V            .provided
V          8 .10 to 19 hours of unpaid care
V            .provided
V          9 .20 to 29 hours of unpaid care
V            .provided
V         10 .30 to 49 hours of unpaid care
```

```
V            .provided
V         11 .50 to 79 hours of unpaid care
V            .provided
V         12 .80 to 119 hours of unpaid care
V            .provided
V         13 .120+ hours of unpaid care provided

D AHRST11     1    276
T IC: Allocation flag for THRST11
     HH21B1 Allocation flag for receipt of
     similar unpaid care or assistance from any
     other persons to non-household member 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D ECOMPT04    2    277
T IC: Companionship provided to Non-HH member 2
     HH22B During the past month, did ...
     regularly spend time with ... in order to
     provide companionship and emotional
     support because of his/her long-term
     illness or disability?  Universe =
           All persons 15 years of age or over
     EPVDCARE eq 1 and ECARENHM eq 1 and
     ENUMNHM ge 2
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D ACOMPT04    1    279
T IC: Allocation flag for ECOMPT04
     HH22B Allocation flag for regularly
     spending time to provide companionship and
     emotional support to non-household (NH)
     member 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EHCT04      2    280
T IC: Receipt of professional hlth care
  service- NH mem 2
     HH24B Sometimes people receive home health
     care services such as visits by nurses or
     therapists or home health aides.  Did ...
     receive professional health care or
     assistance during the past month?
     Universe =               All persons 15
     years of age or over  EPVDCARE eq 1 and
     ECARENHM eq 1 and  ENUMNHM ge 2
V         -1 .Not in Universe
V          1 .Yes
V          2 .No
```

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D AHCT04      1    282
T IC: Allocation flag for EHCT04
     HH24B Allocation flag for receipt of
     professional home health services of
     non-household (NH) member 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D THRST12     2    283
T IC: Hrs of professional care/assist to Non-HH
  member 2
     HH24B1 In terms of professional care and
     assistance from home health care services,
     how many hours per week did ... receive
     professional health care or assistance
     during the past month?  Universe =
           All persons 15 years of age or over
     (ENUMNHM ge 2) and EPVDCARE eq 1 and
     ECARENHM eq 1 and EHCT04 eq 1
V         -1 .Not in Universe
V          1 .1 hour of care provided
V          2 .2 hours of care provided
V          3 .3 hours of care provided
V          4 .4 hours of care provided
V          5 .5 to 7 hours of care provided
V          6 .8 to 9 hours of care provided
V          7 .10 to 14 hours of care provided
V          8 .15 to 19 hours of care provided
V          9 .20 to 29 hours of care provided
V         10 .30 to 39 hours of care provided
V         11 .40 to 149 hours of care provided
V         12 .150+ hours of care provided

D AHRST12     1    285
T IC: Allocation flag for THRST12
     HH24B1 Allocation flag for receipt of
     professional home health care services to
     non-household (NH) member 2
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAWBUNV     2    286
T AW: Universe indicator
     Universe indicator  Universe =
       All households
V         -1 .Not in Universe
V          1 .In universe

D RADWASH     2    288
T AW: Household has washing machine
     AW5_CNDUR@01, AW6_CBLD1 Do you currently
     have the following items in your home, in
     working condition? Washing machine.  You
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     didn't list a washing machine in your
     home.  Is there a washing machine in your
     BUILDING provided for your use?  Universe
     =               All households
V         -1 .Not in Universe
V          1 .Yes
V          2 .Not in home, but one is provided
V            .in the same building
V          3 .No, no washing machine

D AADWASH     1    290
T AW: Allocation flag for RADWASH
     Allocation flag for RADWASH for consumer
     durable items
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D RADDRYR     2    291
T AW: Household has clothes dryer
     AW5_CNDUR@02, AW7_CBLD2 Do you currently
     have the following items in your home, in
     working condition? Clothes dryer.You
     didn't list a dryer in your home.  Is
     there a dryer in your BUILDING provided
     for your use?  Universe =
     All households
V         -1 .Not in Universe
V          1 .Yes
V          2 .Not in home, but one is provided
V            .in the same building
V          3 .No, no clothes dryer

D AADDRYR     1    293
T AW: Allocation flag for RADDRYR
     Allocation flag for RADDRYR for consumer
     durable items
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EADDISH     2    294
T AW: Household has dishwasher
     AW5_CNDUR@03 Do you currently have the
     following items in your home, in working
     condition? Dishwasher  Universe =
          All households
V         -1 .Not in Universe
V          1 .Yes
V          2 .No, no dishwasher

D AADDISH     1    296
T AW: Allocation flag for EADDISH
     Allocation flag for EADDISH for consumer
     durable items
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V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EADREFR     2    297
T AW: Household has refrigerator
     AW5_CNDUR@04 Do you currently have the
     following items in your home, in working
     condition? refrigerator  Universe =
            All households
V         -1 .Not in Universe
V          1 .Yes
V          2 .No, no refrigerator

D AADREFR     1    299
T AW: Allocation flag for EADREFR
     Allocation flag for EADREFR for consumer
     durable items
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EADFRZ      2    300
T AW: Household has food freezer
     AW5_CNDUR@05 Do you currently have the
     following items in your home, in working
     condition? stand-alone food freezer
     (separate from refrigerator)  Universe =
                 All households
V         -1 .Not in Universe
V          1 .Yes
V          2 .No, no food freezer

D AADFRZ      1    302
T AW: Allocation flag for EADFRZ
     Allocation flag for EADFRZ for consumer
     durable items
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EADTELV     2    303
T AW: Household has color television
     AW5_CNDUR@6 Do you currently have the
     following items in your home, in working
     condition? Color television  Universe =
                All households
V         -1 .Not in Universe
V          1 .Yes
V          2 .No color television

D AADTELV     1    305
T AW: Allocation flag for EADTELV
     Allocation flag for EADTELV for consumer
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     durable items
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EADSTOV     2    306
T AW: Household has stove
     AW5_CNDUR@07 Do you currently have the
     following items in your home, in working
     condition? Gas or electric stove (with or
     without oven)  Universe =
     All households
V         -1 .Not in Universe
V          1 .Yes
V          2 .No, no stove

D AADSTOV     1    308
T AW: Allocation flag for EADSTOV
     Allocation flag for EADSTOV for consumer
     durable items
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EADMICR     2    309
T AW: Household has microwave
     AW5_CNDUR@08 Do you currently have the
     following items in your home, in working
     condition? Microwave oven.  Universe =
               All households
V         -1 .Not in Universe
V          1 .Yes
V          2 .No, no microwave

D AADMICR     1    311
T AW: Allocation flag for EADMICR
     Allocation flag for EADMICR for consumer
     durable items
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EADVCR      2    312
T AW: Household has VCR or DVD
     AW5_CNDUR@09 Do you currently have the
     following items in your home, VCR or DVD
     (or other video recorder - player such as
     TiVo)  Universe =               All
     households
V         -1 .Not in Universe
V          1 .Yes
V          2 .No, no VCR or DVD (or other video
V            .recorder - player such as
V            .TiVo)
```

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D AADVCR      1    314
T AW: Allocation flag for EADVCR
     Allocation flag for EADVCR for consumer
     durable items
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EADAIR      2    315
T AW: Household has air conditioner
     AW5_CNDUR@10 Do you currently have the
     following items in your home, in working
     condition?  Air conditioner (central or
     room)  Universe =               All
     households
V         -1 .Not in Universe
V          1 .Yes
V          2 .No, no air conditioning

D AADAIR      1    317
T AW: Allocation flag for EADAIR
     Allocation flag for EADAIR for consumer
     durable items
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EADCOMP     2    318
T AW: Household has personal computer
     AW5_CNDUR@11 Do you currently have the
     following items in your home, in working
     condition?  Personal computer  Universe =
                  All households
V         -1 .Not in Universe
V          1 .Yes
V          2 .No, no personal computer

D AADCOMP     1    320
T AW: Allocation flag for EADCOMP
     Allocation flag for EADCOMP for consumer
     durable items
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EADCELL     2    321
T AW: Household has cell or mobile phone
     AW5_CNDUR@12 Do you currently have the
     following items in your home, in working
     condition?  Cellular phone or mobile phone
      Universe =               All households
V         -1 .Not in Universe
V          1 .Yes
```

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V          2 .No, no cell phone or mobile phone

D AADCELL     1    323
T AW: Allocation flag for EADCELL
     Allocation flag for EADCELL consumer
     durable items
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D RADPHON     2    324
T AW: Household has telephone
     AW5_CNDUR@13, AW8_CBLD13 Do you currently
     have the following items in your home, in
     working condition?  Regular telephone.
     You didn't list a telephone in your home.
     Is there a way for people to reach you by
     telephone?  Universe =               All
     households
V         -1 .Not in Universe
V          1 .Yes, phone in home
V          2 .No phone in home, but can be
V            .reached by neighbor,
V            .common, or pay phone
V          3 .No phone in home, but can be
V            .reached by cell or mobile
V            .phone.
V          4 .No phone in home, but can be
V            .reached by other device.
V          5 .No, cannot be reached by telephone

D AADPHON     1    326
T AW: Allocation flag for RADPHON
     Allocation flag for RADPHON consumer
     durable items
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D TAHROOM     2    327
T AW: Number of rooms in home
     AW9_ROOMS How many rooms are there in your
     home?  Universe =               All
     households.
V         -1 .Not in Universe
V        1:9 .Rooms

D AAHROOM     1    329
T AW: Allocation flag for EAHROOM
     Allocation flag for number of rooms in home
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)
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D EAHPEST     2    330
T AW: Problem with pests
     AW10_HOUSE1@1 Are any of the following
     conditions present in your home? Problem
     with pests such as rats, mice, roaches, or
     other insects.  Universe =
     All households.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D EAHLEAK     2    332
T AW: Problem with leaking roof
     AW10_HOUSE1@2 Are any of the following
     conditions present in your home? A leaking
     roof or ceiling.  Universe =
     All households.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D EAHWIND     2    334
T AW: Problem with broken windows
     AW10_HOUSE1@3 Are any of the following
     conditions present in your home? Broken
     window glass or windows that can't shut.
     Universe =               All households.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D EAHWIRE     2    336
T AW: Problem with exposed electrical wires
     AW10_HOUSE1@4 Are any of the following
     conditions present in your home? Exposed
     electrical wires in the finished areas of
     your home.  Universe =               All
     households.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D EAHPLUM     2    338
T AW: Problem with plumbing that doesn't work
     AW10_HOUSE1@5 Are any of the following
     conditions present in your home? A toilet,
     hot water heater or other plumbing that
     doesn't work.  Universe =
     All households.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D EAHCRAC     2    340
T AW: Problem with holes or cracks in wall or
  ceiling
     AW10_HOUSE1@6 Are any of the following
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     conditions present in your home? Holes in
     the walls or ceiling, or cracks  wider
     than the edge of a dime.  Universe =
             All households.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D EAHHOLE     2    342
T AW: Problem with holes in the floor
     AW10_HOUSE1@7 Are any of the following
     conditions present in your home? Holes in
     the floor big enough for someone to catch
     their foot on.  Universe =
     All households.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AAHOUSE     1    344
T AW: Allocation flag for house conditions
     Allocation flag for EAHPEST, EAHLEAK,
     EAHWIND, EAHWIRE, EAHPLUM, EAHCRAC,
     EAHHOLE, problems with pests, leaks,
     broken windows exposed electrical wires,
     plumbing that doesn't work, holes or
     cracks in wall or ceiling, and/or holes in
     floor
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAHREPR     2    345
T AW: Satisfaction with general state of repair
  of home
     AW11_HOUSE2@1 Are you very satisfied,
     somewhat satisfied, somewhat dissatisfied
     or very dissatisfied with the following:
     The general state of repair of your home.
     Universe =               All households
V         -1 .Not in Universe
V          1 .Very satisfied
V          2 .Somewhat satisfied
V          3 .Somewhat dissatisfied
V          4 .Very dissatisfied
V          5 .Haven't lived here long enough to
V            .know

D AAHREPR     1    347
T AW: Allocation flag for EAHREPR
     Allocation flag for satisfaction with
     general state of repair of home
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)
```

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D EAHSPAC     2    348
T AW: Satisfaction with room or space in home
     AW11_HOUSE2@2 Are you very satisfied,
     somewhat satisfied, somewhat dissatisfied
     or very dissatisfied with the following:
     The amount of room or space in your home.
     Universe =               All households
V         -1 .Not in Universe
V          1 .Very satisfied
V          2 .Somewhat satisfied
V          3 .Somewhat dissatisfied
V          4 .Very dissatisfied
V          5 .Haven't lived here long enough to
V            .know

D AAHSPAC     1    350
T AW: Allocation flag for EAHSPAC
     Allocation flag for satisfaction with room
     or space in home
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAHFURN     2    351
T AW: Satisfaction with furnishings in home
     AW11_HOUSE2@3 Are you very satisfied,
     somewhat satisfied, somewhat dissatisfied
     or very dissatisfied with the following:
     The furnishings in your home.  Universe =
                  All households
V         -1 .Not in Universe
V          1 .Very satisfied
V          2 .Somewhat satisfied
V          3 .Somewhat dissatisfied
V          4 .Very dissatisfied
V          5 .Haven't lived here long enough to
V            .know

D AAHFURN     1    353
T AW: Allocation flag for EAHFURN
     Allocation flag for satisfaction with
     furnishings in home
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAHWARM     2    354
T AW: Satisfaction with warmth of home in winter
     AW11_HOUSE2@4 Are you very satisfied,
     somewhat satisfied, somewhat dissatisfied
     or very dissatisfied with the following:
     The warmth of your home in winter.
     Universe =               All households
V         -1 .Not in Universe
```

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V          1 .Very satisfied
V          2 .Somewhat satisfied
V          3 .Somewhat dissatisfied
V          4 .Very dissatisfied
V          5 .Haven't lived here long enough to
V            .know

D AAHWARM     1    356
T AW: Allocation flag for EAHWARM
     Allocation flag for satisfaction with
     warmth of home in winter
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAHCOOL     2    357
T AW: Satisfaction with coolness of home in
  summer
     AW11_HOUSE2@5 Are you very satisfied,
     somewhat satisfied, somewhat dissatisfied
     or very dissatisfied with the following:
     The coolness of your home in summer.
     Universe =               All households
V         -1 .Not in Universe
V          1 .Very satisfied
V          2 .Somewhat satisfied
V          3 .Somewhat dissatisfied
V          4 .Very dissatisfied
V          5 .Haven't lived here long enough to
V            .know

D AAHCOOL     1    359
T AW: Allocation flag for EAHCOOL
     Allocation flag for satisfaction with
     coolness of home in summer
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAHPRIV     2    360
T AW: Satisfaction with privacy home offers
     AW11_HOUSE2@6 Are you very satisfied,
     somewhat satisfied, somewhat dissatisfied
     or very dissatisfied with the following:
     The amount of privacy your home offers.
     Universe =               All households
V         -1 .Not in Universe
V          1 .Very satisfied
V          2 .Somewhat satisfied
V          3 .Somewhat dissatisfied
V          4 .Very dissatisfied
V          5 .Haven't lived here long enough to
V            .know

D AAHPRIV     1    362
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T AW: Allocation flag for EAHPRIV
     Allocation flag for satisfaction with the
     amount of privacy your home offers.
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAHSAT      2    363
T AW: Overall satisfaction with home
     AW12_SATLV1 Overall, how satisfied are you
     with your home?  Universe =
     All households
V         -1 .Not in Universe
V          1 .Very satisfied
V          2 .Somewhat satisfied
V          3 .Somewhat dissatisfied
V          4 .Very dissatisfied

D AAHSAT      1    365
T AW: Allocation flag for EAHSAT
     Allocation flag for satisfaction with home
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D RAHMOVE     2    366
T AW: Home undesirable enough to move.
     AW13_SATLV2 Are conditions in your home
     undesirable enough that you would like to
     move?  Universe =               All
     households.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AAHMOVE     1    368
T AW: Allocation flag for RAHMOVE
     Allocation flag for home undesirable
     enough to move.
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EACWALK     2    369
T AW: Afraid to walk alone at night.
     AW14_CRIME1 Is there any area right around
     your home that is, within a mile where you
     would be afraid to walk alone at night?
     Universe =               All households.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AACWALK     1    371
```

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T AW: Allocation flag for EACWALK
     Allocation flag for afraid to walk alone
     at night
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EACSTAY     2    372
T AW: Stayed at home at certain times.
     AW15_CRIME2@1 In the past month, have you
     done any of the following because you
     thought you might be unsafe ... Have you
     stayed in your home at certain times?
     Universe =               All households
V         -1 .Not in Universe
V          1 .Stayed in our home at certain
V            .times.
V          2 .Did not stay in home.

D AACSTAY     1    374
T AW: Allocation flag for EACSTAY
     Allocation flag for staying at home due to
     concern of safety.
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EACWITH     2    375
T AW: Take someone with you when go out.
     AW15_CRIME2@2 In the past month, have you
     done any of the following because you
     thought you might be unsafe ... Have you
     taken someone with you or traveled with
     other people when going out into your
     neighborhood?   Universe =
     All households
V         -1 .Not in Universe
V          1 .Has taken someone with.
V          2 .Did not take someone with.

D AACWITH     1    377
T AW: Allocation flag for EACWITH
     Allocation flag for taking someone with
     you due to concern for safety.
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EACARRY     2    378
T AW: Carry something with you when go out.
     AW15_CRIME2@3 In the past month, have you
     done any of the following because you
     thought you might be unsafe .. Have you
     carried anything to protect yourself?
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     Universe =               All households
V         -1 .Not in Universe
V          1 .Carried anything to protect self.
V          2 .Did not carry anything.

D AACARRY     1    380
T AW: Allocation flag for EACARRY
     Allocation flag for carrying something for
     protection due to concern for safety.
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EACNSAF     2    381
T AW: Consider neighborhood safe from crime.
     AW16_CRIME3 Do you consider your
     neighborhood very safe from crime,
     somewhat safe, somewhat unsafe, or very
     unsafe?  Universe =               All
     households.
V         -1 .Not in Universe
V          1 .Very safe
V          2 .Somewhat safe
V          3 .Somewhat unsafe
V          4 .Very unsafe

D AACNSAF     1    383
T AW: Allocation flag for EACNSAF
     Allocation flag for consider neighborhood
     safe from crime.
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EACHSAF     2    384
T AW: Consider home safe from crime.
     AW17_CRIME4 How about your home?  Do you
     consider it very safe from crime, somewhat
     safe, somewhat unsafe, or very unsafe?
     Universe =               All households.
V         -1 .Not in Universe
V          1 .Very safe
V          2 .Somewhat safe
V          3 .Somewhat unsafe
V          4 .Very unsafe

D AACHSAF     1    386
T AW: Allocation flag for EACHSAF
     Allocation flag for consider home safe
     from crime
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)
```

```
D RACWDOG     2    387
T AW: Household has dog for protection.
     AW18_CRIME5, AW19_CRIME6 We are interested
     in finding out if people do anything in
     particular to keep thieves or intruders
     out of their homes.  Does your household
     have a dog? When you got (this dog/these
     dogs), was it in part to keep your home
     safe from thieves or intruders?  Universe
     =               All households
V         -1 .Not in Universe
V          1 .Has dog to keep home safe from
V            .intruders.
V          2 .Has dog, not to keep home safe
V          3 .Does not have dog

D AACWDOG     1    389
T AW: Allocation flag for RACWDOG
     Allocation flag for household has dog for
     protection
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EACALRM     2    390
T AW: Household has safety devices, alarm
  system.
     AW20_CRIME7 Does your household have any
     special safety DEVICES such as electric
     timers for lights, or an alarm system?
     Universe =               All households.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AACALRM     1    392
T AW: Allocation flag for EACALRM
     Allocation flag for household has safety
     devices, alarm system
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D RACMOVE     2    393
T AW: Threat of crime enough that would move.
     AW21_SATLV3 Overall, is the threat of
     crime where you live undesirable enough
     that you would like to move?  Universe =
                 All households.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AACMOVE     1    395
T AW: Allocation flag for RACMOVE
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     Allocation flag for threat of crime enough
     that would move
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EANTRAF     2    396
T AW: Problem in neighborhood street noise
     AW22_NBRHD1@1 Do you think any of the
     following conditions are problems in your
     neighborhood?   Street noise or heavy
     street traffic.  Universe =
     All households.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D EANSTRT     2    398
T AW: Problem in neighborhood street repair
     AW22_NBRHD1@2 Do you think any of the
     following conditions are problems in your
     neighborhood?   Streets in need of repair
     Universe =               All households.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D EANTRSH     2    400
T AW: Problem in neighb   trash, litter
     AW22_NBRHD1@3 Do you think any of the
     following conditions are problems in your
     neighborhood?   Trash, litter, or garbage
     in the streets and lots  Universe =
            All households.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D EANABAN     2    402
T AW: Problem in neighborhood abandoned
  buildings
     AW22_NBRHD1@4 Do you think any of the
     following conditions are problems in your
     neighborhood?   Rundown or abandoned houses
     or buildings  Universe =               All
     households.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D EANIND      2    404
T AW: Problem in neighborhood industries
     AW22_NBRHD1@5 Do you think any of the
     following conditions are problems in your
     neighborhood?   Industries, businesses, or
     other non-residential activities.
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     Universe =               All households.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D EANODOR     2    406
T AW: Problem in neighborhood odors, fumes
     AW22_NBRHD1@6 Do you think any of the
     following conditions are problems in your
     neighborhood?   Odors, smoke, or gas fumes.
      Universe =               All households.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AANCOND     1    408
T AW: Allocation flag for neighborhood
  conditions
     Allocation flag for EANTRAF, EANSTRT,
     EANTRSH, EANBAN, EANIND, EANODOR
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EANGHBR     2    409
T AW: Satisfaction with relationship with
  neighbors
     AW23_NBRHD2 How satisfied are you with
     your relationship with your neighbors?
     Universe =               All households
V         -1 .Not in Universe
V          1 .Very satisfied
V          2 .Somewhat satisfied
V          3 .Somewhat dissatisfied
V          4 .Very dissatisfied

D AANGHBR     1    411
T AW: Allocation flag for EANGHBR
     Allocation flag for satisfaction with
     relationship with neighbors
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EANSAT      2    412
T AW: Overall satisfaction with neighborhood
     AW24_SATLV4 Overall, how satisfied are you
     with conditions in your neighborhood?
     Universe =               All households
V         -1 .Not in Universe
V          1 .Very satisfied
V          2 .Somewhat satisfied
V          3 .Somewhat dissatisfied
V          4 .Very dissatisfied
```

```
D AANSAT      1    414
T AW: Allocation flag for EANSAT
     Allocation flag for overall satisfaction
     with neighborhood
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D RANMOVE     2    415
T AW: Neighborhood undesirable, would like to
  move
     AW25_SATLV5 Is your neighborhood
     undesirable enough that you would like to
     move?  Universe =               All
     households.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AANMOVE     1    417
T AW: Allocation flag for RANMOVE
     Allocation flag for neighborhood
     undesirable, would like to move
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAPSCHL     2    418
T AW: Satisfaction with public schools AW27_CS1
     How satisfied are you with the local
     public schools in your neighborhood?
      Universe =               Households with
     at least one child under 18.
V         -1 .Not in Universe
V          1 .Very satisfied
V          2 .Somewhat satisfied
V          3 .Somewhat dissatisfied
V          4 .Very dissatisfied

D AAPSCHL     1    420
T AW: Allocation flag for EAPSCHL
     Allocation flag for satisfaction with
     public schools
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAPPRIV     2    421
T AW: Children attend private school
     AW28_CS2@1 We are interested in schools
     from kindergarten through 12th grade.  Do
     any of the children in your household
     attend: Private school?  Universe =
            Households with at least one child
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     under 18.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AAPPRIV     1    423
T AW: Allocation flag for EAPPRIV
     Allocation flag for children who attend
     private school
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAPMAGN     2    424
T AW: Children attend magnet, charter school
     AW28_CS2@2 We are interested in schools
     from kindergarten through 12th grade. Do
     any of the children in your household
     attend: Magnet, charter, or other public
     school apart from the assigned school?
     Universe =               Households with
     at least one child under 18.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AAPMAGN     1    426
T AW: Allocation flag for EAPMAGN
     Allocation flag for children who attend
     Magnet, charter school
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAPPUBS     2    427
T AW: Children attend public school
     AW28_CS2@3 We are interested in schools
     from kindergarten through 12th grade.  Do
     any of the children in your household
     attend: Assigned public school?  Universe
     =               Households with at least
     one child under 18.
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AAPPUBS     1    429
T AW: Allocation flag for EAPPUBS
     Allocation flag for children who attend
     public school
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)
```

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D EAPHOMS     2    430
T AW: Children attend home school
      AW28_CS2@4 We are interested in schools
      from kindergarten through 12th grade.  Do
      any of the children in your household
      attend: Home school?  Universe =
          Households with at least one child
      under 18.
V          -1 .Not in Universe
V           1 .Yes
V           2 .No

D AAPHOMS     1    432
T AW: Allocation flag for EAPHOMS
      Allocation flag for children who attend
      home school
V           0 .Not imputed
V           1 .Statistical imputation (hot deck)
V           2 .Cold deck imputation
V           3 .Logical imputation (derivation)

D EAPNOSC     2    433
T AW: Children not in school
      AW28_CS2@5 We are interested in schools
      from kindergarten through 12th grade. Do
      any of the children in your household
      attend: Not in school or other
      arrangement?  Universe =
      Households with at least one child under
      18.
V          -1 .Not in Universe
V           1 .Yes
V           2 .No

D AAPNOSC     1    435
T AW: Allocation flag for EAPNOSC
      Allocation flag for children who are not
      in school
V           0 .Not imputed
V           1 .Statistical imputation (hot deck)
V           2 .Cold deck imputation
V           3 .Logical imputation (derivation)

D EAPDIFF     2    436
T AW: Prefer a different school for any child
      AW29_CS3 Would  you or the other adults in
      the household prefer a different school
      for any child in this home?  Universe =
                 Households with at least one
      child under 18  attending school (EAPPRIV,
      EAPMAGN, EAPPUBS, or EAPHOMS equal 1)
V          -1 .Not in Universe
V           1 .Yes
V           2 .No

D AAPDIFF     1    438
T AW: Allocation flag for EAPDIFF
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     Allocation flag for prefer different
     school for any child
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAPHOSP     2    439
T AW: Satisfaction with hospitals, health
  clinics, doctors
     AW30_CS4@1 Are you very satisfied,
     somewhat satisfied, somewhat dissatisfied,
     or very dissatisfied with each of the
     following services in your neighborhood:
     Hospitals, health clinics, and doctors?
     Universe =               All households
V         -1 .Not in Universe
V          1 .Very satisfied
V          2 .Somewhat satisfied
V          3 .Somewhat dissatisfied
V          4 .Very dissatisfied
V          5 .Haven't lived here long enough to
V            .know

D AAPHOSP     1    441
T AW: Allocation flag for EAPHOSP
     Allocation flag for satisfaction with:
     hospitals, health clinics, and doctors
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAPOLIC     2    442
T AW: Satisfaction with police services
     AW30_CS4@2 Are you very satisfied,
     somewhat satisfied, somewhat dissatisfied,
     or very dissatisfied with each of the
     following services in your neighborhood:
     Police services  Universe =
     All households
V         -1 .Not in Universe
V          1 .Very satisfied
V          2 .Somewhat satisfied
V          3 .Somewhat dissatisfied
V          4 .Very dissatisfied
V          5 .Haven't lived here long enough to
V            .know

D AAPOLIC     1    444
T AW: Allocation flag for EAPOLIC
     Allocation flag for satisfaction with
     police services
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)
```

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D EAPFIRE     2    445
T AW: Satisfaction with fire department services
     AW30_CS4@3 Are you very satisfied,
     somewhat satisfied, somewhat dissatisfied,
     or very dissatisfied with each of the
     following services in your neighborhood:
     Fire department services  Universe =
             All households
V          -1 .Not in Universe
V           1 .Very satisfied
V           2 .Somewhat satisfied
V           3 .Somewhat dissatisfied
V           4 .Very dissatisfied
V           5 .Haven't lived here long enough to
V             .know

D AAPFIRE     1    447
T AW: Allocation flag for EAPFIRE.
     Allocation flag for satisfaction with fire
     department services
V           0 .Not imputed
V           1 .Statistical imputation (hot deck)
V           2 .Cold deck imputation
V           3 .Logical imputation (derivation)

D EAPTRAN     2    448
T AW: Adequacy of public transportation
     AW31_CS5 Are the public transportation
     services available in your neighborhood
     adequate for you?  Universe =
      All households
V          -1 .Not in Universe
V           1 .Yes
V           2 .No
V           3 .Not sure because you do not use
V             .public transportation

D AAPTRAN     1    450
T AW: Allocation flag for EAPTRAN
     Allocation flag for adequacy of public
     transportation
V           0 .Not imputed
V           1 .Statistical imputation (hot deck)
V           2 .Cold deck imputation
V           3 .Logical imputation (derivation)

D EAPSAT      2    451
T AW: Satisfaction with public services
     AW32_SATLV6 Overall, how satisfied are you
     with the public services in your
     neighborhood?   Universe =
     All households
V          -1 .Not in Universe
V           1 .Very satisfied
V           2 .Somewhat satisfied
V           3 .Somewhat dissatisfied
```

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V          4 .Very dissatisfied

D AAPSAT      1    453
T AW: Allocation flag for EAPSAT
     Allocation flag for satisfaction with
     public services
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D RAPMOVE     2    454
T AW: Public services undesirable, would like
  to move
     AW33_SATLV7 Are the public services
     undesirable enough that you would like to
     move?  Universe =               All
     households
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AAPMOVE     1    456
T AW: Allocation flag for RAPMOVE
     Allocation flag for public services
     undesirable enough that you would like to
     move
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EABMEET     2    457
T AW: Ability to meet essential expenses
     AW34_MEET Next are questions about
     difficulties people sometimes have in
     meeting their essential household expenses
     for such things as mortgage or rent
     payments, utility bills, or important
     medical care. During the past 12 months,
     has there been a time when (YOU/YOUR
     HOUSEHOLD) did not meet all of your
     essential expenses?  Universe =
        All households
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AABMEET     1    459
T AW: Allocation flag for EABMEET
     Allocation flag for ability to meet
     essential expenses
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)
```

```
D EABRENT     2    460
T AW: Did not pay rent or mortgage
     AW35_NEED1 The following are some of the
     specific difficulties people experience
     with household expenses. Was there any
     time in the past 12 months when (YOU/YOUR
     HOUSEHOLD) did not pay the full amount of
     the rent or mortgage?  Universe =
          All households
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AABRENT     1    462
T AW: Allocation flag for EABRENT
     Allocation flag for did not pay rent or
     mortgage
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D RABRHLP1    2    463
T AW: Family helped with problem paying rent or
  mortgage
     AW35_NEED, AW36_GETH1, AW37_WHOH1 When ...
     had this problem, did any person or
     organization help?  Who was that? A family
     member or relative.  Universe =
        Households with problem paying rent or
     mortgage  (EABRENT equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D RABRHLP2    2    465
T AW: Friend helped with problem paying rent or
  mortgage
     AW35_NEED, AW36_GETH1, AW37_WHOH1 When ...
     had this problem, did any person or
     organization help?  Who was that?A
     friend, neighbor or other non-relative.
     Universe =               Households with
     problem paying rent or mortgage  (EABRENT
     equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D RABRHLP3    2    467
T AW: Social serv helped w/ problem paying
  rent/mortgage
     AW35_NEED, AW36_GETH1, AW37_WHOH1 When ...
     had this problem, did any person or
     organization help?  Who was that?  A
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     department of social services.  Universe =
                  Households with problem
     paying rent or mortgage  (EABRENT equals
     1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D RABRHLP4    2    469
T AW: Nonprofit helped with problem paying
  rent/mortgage
     AW35_NEED, AW36_GETH1, AW37_WHOH1 When ...
     had this problem, did any person or
     organization help?  Who was that?  A
     church or nonprofit group.  Universe =
               Households with problem paying
     rent or mortgage  (EABRENT equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D RABRHLP5    2    471
T AW: Other source helped w/ problem paying
  rent/mortgage
     AW35_NEED, AW36_GETH1, AW37_WHOH1 When ...
     had this problem, did any person or
     organization help?  Who was that?  Other
     source of help.  Universe =
     Households with problem paying rent or
     mortgage  (EABRENT equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D AABRHLP     1    473
T AW: Allocation flag for RABRHLP
     Allocation flag for RABRHLP1-RABRHLP5, who
     helped with problem paying rent or mortgage
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EABEVCT     2    474
T AW: Evicted from home or apartment
     AW38_NEED2 Was there any time in the past
     12 months when ... were evicted from your
     home or apartment for not paying the rent
     or mortgage?  Universe =
     Households with problem paying the
     mortgage (EABRENT=1)
V         -1 .Not in Universe
V          1 .Yes
V          2 .No
```

```
D AABEVCT     1    476
T AW: Allocation flag for EABEVCT
     Allocation flag for evicted from home or
     apartment
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D RABEHLP1    2    477
T AW: Family helped when evicted from home or
  apartment
     AW39_GETH2, AW40_WHOH2 When ... had this
     problem, did any person or organization
     help?  Who was that?   A family member or
     relative  Universe =
     Households evicted from home or apartment
     (EABEVCT equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not  received from this
V            .source
V          3 .No help received from any source

D RABEHLP2    2    479
T AW: Friend helped when evicted from home or
  apartment
     AW39_GETH2, AW40_WHOH2 When ... had this
     problem, did any person or organization
     help?  Who was that?   A friend, neighbor
     or other non-relative  Universe =
          Households evicted from home or
     apartment (EABEVCT equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not  received from this
V            .source
V          3 .No help received from any source

D RABEHLP3    2    481
T AW: Social services helped when evicted from
  home or apt
     AW39_GETH2, AW40_WHOH2 When ... had this
     problem, did any person or organization
     help?  Who was that? A department of
     social services  Universe =
     Households evicted from home or apartment
     (EABEVCT equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not  received from this
V            .source
V          3 .No help received from any source

D RABEHLP4    2    483
T AW: Nonprofit helped when evicted from home
```

```
  or apt
     AW39_GETH2, AW40_WHOH2 When ... had this
     problem, did any person or organization
     help?  Who was that? A church or nonprofit
     group  Universe =               Households
     evicted from home or apartment (EABEVCT
     equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not  received from this
V            .source
V          3 .No help received from any source

D RABEHLP5    2    485
T AW: Other source helped when evicted from
  home or apt
     AW39_GETH2, AW40_WHOH2 When ... had this
     problem, did any person or organization
     help?  Who was that? Other source of help
     Universe =               Households
     evicted from home or apartment (EABEVCT
     equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not  received from this
V            .source
V          3 .No help received from any source

D AABEHLP     1    487
T AW: Allocation flag for RABEHLP
     Allocation flag for RABEHLP1-5 who helped
     when evicted from home or apartment
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EABGAS      2    488
T AW: Did not pay gas, oil, or electricity bills
     AW41_NEED3 How about not paying the full
     amount of the gas, oil, or electricity
     bills?  Was there a time in the past 12
     months when that happened to ...?
     Universe =               All households
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AABGAS      1    490
T AW: Allocation flag for EABGAS
     Allocation flag for did not pay gas, oil,
     or electricity bills
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)
```

```
D RABGHLP1    2    491
T AW: Family helped w/ problem paying gas, oil,
  electric
     AW42_GETH3, AW43_WHOH3 When ... had this
     problem, did any person or organization
     help?  Who was that?   A family member or
     relative  Universe =
     Households with problem paying gas, oil,
     or electricity  bills (EABGAS equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D RABGHLP2    2    493
T AW: A non-relative helped with paying gas,
  oil, electric
     AW42_GETH3, AW43_WHOH3 When ... had this
     problem, did any person or organization
     help?  Who was that?   A friend, neighbor
     or other non-relative  Universe =
          Households with problem paying gas,
     oil, or  electricity bills (EABGAS equals
     1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D RABGHLP3    2    495
T AW: Social services helped with problem
  paying gas, oil
     AW42_GETH3, AW43_WHOH3 When ... had this
     problem, did any person or organization
     help?  was that?  A department of social
     services  Universe =
     Households with problem paying gas, oil,
     or  electricity bills (EABGAS equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D RABGHLP4    2    497
T AW: Nonprofit helped with problem paying gas,
  oil, bills
     AW42_GETH3, AW43_WHOH3 When ... had this
     problem, did any person or organization
     help?  Who was that?  A church or
     nonprofit group  Universe =
     Households with problem paying gas, oil,
     or  electricity bills (EABGAS equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source
```

```
D RABGHLP5    2    499
T AW: Other source helped w/ problem paying
  gas,oil,bills
     AW42_GETH3, AW43_WHOH3 When ... had this
     problem, did any person or organization
     help?  Who was that? Other source of help
     Universe =               Households with
     problem paying gas, oil, or  electricity
     bills (EABGAS equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D AABGHLP     1    501
T AW: Allocation flag for RABGHLP
     Allocation flag for RABGHLP1-5, who helped
     with problem paying gas, oil, or
     electricity bills
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EABCUT      2    502
T AW: Gas or electric company turned off service
     AW44_NEED4 In the past 12 months did the
     gas or electric company turn off service,
     or the oil company not deliver oil?
     Universe =               Households with
     problem paying gas, oil or electric
     (EABGAS=1)
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AABCUT      1    504
T AW: Allocation flag for EABCUT
     Allocation flag for gas or electric
     company turned off service
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D RABCHLP1    2    505
T AW: Family helped when gas/electric co turned
  off serv
     AW45_GETH4, AW46_WHOH4 When ... had this
     problem, did any person or organization
     help?  Who was that?   A family member or
     relative  Universe =
     Households where gas or electric company
     turned off  service (EABCUT equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
```

```
V          3 .No help received from any source

D RABCHLP2    2    507
T AW: Friend helped when gas/electric co turned
  off serv
     AW45_GETH4, AW46_WHOH4 When ... had this
     problem, did any person or organization
     help?  Who was that?  A friend, neighbor
     or other non-relative  Universe =
          Households where gas or electric
     company turned off  service (EABCUT equals
     1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D RABCHLP3    2    509
T AW: Social services helped when gas co turned
  off serv
     AW45_GETH4, AW46_WHOH4 When ... had this
     problem, did any person or organization
     help?  Who was that?  A department of
     social services  Universe =
     Households where gas or electric company
     turned  off service (EABCUT equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D RABCHLP4    2    511
T AW: Nonprofit helped when gas company turned
  off service
     AW45_GETH4, AW46_WHOH4 When ... had this
     problem, did any person or organization
     help?  Who was that?  A church or
     nonprofit group  Universe =
     Households where gas or electric company
     turned off  service (EABCUT equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D RABCHLP5    2    513
T AW: Other source helped when gas co turned
  off service
     AW45_GETH4, AW46_WHOH4 When ... had this
     problem, did any person or organization
     help?  Who was that?  Other source of help
      Universe =               Households where
     gas or electric company turned  off
     service (EABCUT equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
```

```
V          3 .No help received from any source

D AABCHLP     1    515
T AW: Allocation flag for RABCHLP
     Allocation flag for RABCHLP1-5, who helped
     when gas or electric company turned off
     service
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EABPHON     2    516
T AW: Telephone company disconnected service
     AW47_NEED5 How about the telephone company
     disconnecting service because payments
     were not made?  Was there a time in the
     past 12 months when that happened to ...?
     Universe =               All households
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AABPHON     1    518
T AW: Allocation flag for EABPHON
     Allocation flag for telephone company
     disconnected service
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D RABPHLP1    2    519
T AW: Family helped when telephone co
  disconnected serv
     AW48_GETH5, AW49_WHOH5 When ... had this
     problem, did any person or organization
     help?  Who was that?   A family member or
     relative  Universe =
     Households where telephone company turned
     off service  (EABPHON equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D RABPHLP2    2    521
T AW: Friend helped when telephone co turned
  off service
     AW48_GETH5, AW49_WHOH5 When ... had this
     problem, did any person or organization
     help?  Who was that?   A friend, neighbor
     or other non-relative  Universe =
          Households where telephone company
     turned off service  (EABPHON equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
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V          2 .Help not received from this source
V          3 .No help received from any source

D RABPHLP3    2    523
T AW: Social serv helped when telephone co
  turned off serv
     AW48_GETH5, AW49_WHOH5 When ... had this
     problem, did any person or organization
     help?  Who was that?  A department of
     social services  Universe =
     Households where telephone company turned
     off service  (EABPHON equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D RABPHLP4    2    525
T AW: Nonprofit helped when telephone co turned
  off serv
     AW48_GETH5, AW49_WHOH5 When ... had this
     problem, did any person or organization
     help?  Who was that?  A church or
     nonprofit group  Universe =
     Households where telephone company turned
     off service  (EABPHON equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D RABPHLP5    2    527
T AW: Other source helped when telephone co
  turned off ser
     AW48_GETH5, AW49_WHOH5 When ... had this
     problem, did any person or organization
     help?  Who was that?  Other source of help
      Universe =               Households where
     telephone company turned off service
     (EABPHON equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D AABPHLP     1    529
T AW: Allocation flag for RABPHLP
     Allocation flag for RABPHLP1-5, who helped
     when telephone company disconnected service
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EABDOCT     2    530
T AW: Did not see a doctor when needed
     AW50_NEED6 In the past 12 months was there
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     a time (YOU/ANYONE IN YOUR HOUSEHOLD)
     needed to see a doctor or go to the
     hospital but did not go?  Universe =
             All households
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AABDOCT     1    532
T AW: Allocation flag for EABDOCT
     Allocation flag for did not see a doctor
     when needed
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D RABDHLP1    2    533
T AW: Family helped with problem seeing a doctor
     AW51_GETH6, AW52_WHOH6 When ... had this
     problem, did any person or organization
     help?  Who was that?  A family member or
     relative  Universe =
     Households with problem seeing a doctor
     when needed  (EABDOCT equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D RABDHLP2    2    535
T AW: Friend helped with problem seeing a doctor
     AW51_GETH6, AW52_WHOH6 When ... had this
     problem, did any person or organization
     help?  Who was that?  A friend, neighbor
     or other non-relative  Universe =
          Households with problem seeing a
     doctor when needed  (EABDOCT equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D RABDHLP3    2    537
T AW: Social services helped with problem
  seeing a doctor
     AW51_GETH6, AW52_WHOH6 When ... had this
     problem, did any person or organization
     help?  Who was that?  A department of
     social services  Universe =
     Households with problem seeing a doctor
     when needed  (EABDOCT equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source
```

```
D RABDHLP4    2    539
T AW: Nonprofit helped with problem seeing a
  doctor
     AW51_GETH6, AW52_WHOH6 When ... had this
     problem, did any person or organization
     help?  Who was that?   A church or
     nonprofit group  Universe =
     Households with problem seeing a doctor
     when needed  (EABDOCT equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D RABDHLP5    2    541
T AW: Other source helped with problem seeing a
  doctor
     AW51_GETH6, AW52_WHOH6 When ... had this
     problem, did any person or organization
     help?  Who was that?  Other source of help
      Universe =               Households with
     problem seeing a doctor when needed
     (EABDOCT equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D AABDHLP     1    543
T AW: Allocation flag for RABDHLP
     Allocation flag for RABDHLP1-5, who helped
     with problem seeing a doctor when needed
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EABDENT     2    544
T AW: Did not see a dentist when needed
     AW53_NEED7 In the past 12 months was there
     a time (YOU/ANYONE IN YOUR HOUSEHOLD)
     needed to see a dentist did not go?
     Universe =               All households
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AABDENT     1    546
T AW: Allocation flag for EABDENT
     Allocation flag for did not see a dentist
     when needed
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D RABTHLP1    2    547
```

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T AW: Family helped with problem seeing a
  dentist
     AW54_GETH7, AW55_WHOH7 When ... had this
     problem, did any person or organization
     help?  Who was that?  A family member or
     relative  Universe =
     Households with problem seeing a dentist
     when needed  (EABDENT equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D RABTHLP2    2    549
T AW: Friend helped with problem seeing a
  dentist
     AW54_GETH7, AW55_WHOH7 When ... had this
     problem, did any person or organization
     help?  Who was that?  A friend, neighbor
     or other non-relative  Universe =
          Households with problem seeing a
     dentist when needed  (EABDENT equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D RABTHLP3    2    551
T AW: Social services helped with problem
  seeing a dentist
     AW54_GETH7, AW55_WHOH7 When ... had this
     problem, did any person or organization
     help?  Who was that?  A department of
     social services  Universe =
     Households with problem seeing a dentist
     when needed  (EABDENT equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D RABTHLP4    2    553
T AW: Nonprofit helped with problem seeing a
  dentist
     AW54_GETH7, AW55_WHOH7 When ... had this
     problem, did any person or organization
     help? Who was that?   A church or
     nonprofit group  Universe =
     Households with problem seeing a dentist
     when needed  (EABDENT equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D RABTHLP5    2    555
T AW: Other source helped with problem seeing a
```

```
  dentist
     AW54_GETH7, AW55_WHOH7 When ... had this
     problem, did any person or organization
     help?  Who was that?  Other source of help
      Universe =               Households with
     problem seeing a dentist when needed
     (EABDENT equals 1)
V         -1 .Not in Universe
V          1 .Help received from this source
V          2 .Help not received from this source
V          3 .No help received from any source

D AABTHLP     1    557
T AW: Allocation flag for RABTHLP
     Allocation flag for RABTHLP1-5, who helped
     with problem seeing a dentist when needed
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAHLPFM     2    558
T AW: how much help expect to get from family
     AW56_HELP1 If ... had a problem with which
     you needed help (for example,sickness or
     moving), how much help would you expect to
     get from family living nearby?  Universe =
                   All households
V         -1 .Not in Universe
V          1 .All of the help needed
V          2 .Most of the help needed
V          3 .Very little of the help needed
V          4 .No help

D AAHLPFM     1    560
T AW: Allocation flag for EAHLPFM
     Allocation flag for how much help expect
     to get from family
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAHLPFR     2    561
T AW: how much help expect to get from friends
     AW57_HELP2 If ... had a problem with which
     you needed help (for example,sickness or
     moving), how much help would you expect to
     get from friends?  Universe =
      All households
V         -1 .Not in Universe
V          1 .All of the help needed
V          2 .Most of the help needed
V          3 .Very little of the help needed
V          4 .No help

D AAHLPFR     1    563
```

```
T AW: Allocation flag for EAHLPFR
     Allocation flag for how much help expect
     to get from friends
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAHLPAG     2    564
T AW: how much help expect to get from others
     AW58_HELP3 If ... had a problem with which
     you needed help (for example,sickness or
     moving), how much help would you expect to
     get from other people in the community
     besides family and friends, such as a
     social agency or a church?  Universe =
               All households
V         -1 .Not in Universe
V          1 .All of the help needed
V          2 .Most of the help needed
V          3 .Very little of the help needed
V          4 .No help

D AAHLPAG     1    566
T AW: Allocation flag for EAHLPAG
     Allocation flag for how much help expect
     to get from others
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAFOOD1     2    567
T AW: Sufficiency of food eaten in household
     AW59_FOOD1 Getting enough food can also be
     a problem for some people.  Which of these
     statements best describes the food eaten
     in your household in the last four months:
      Universe =               All households
V         -1 .Not in Universe
V          1 .Enough of the kinds of food we
V            .want
V          2 .Enough but not always the kinds
V            .of food we want to eat
V          3 .Sometimes not enough to eat
V          4 .Often not enough to eat

D AAFOOD1     1    569
T AW: Allocation flag for EAFOOD1
     Allocation flag for sufficiency of food
     eaten in household
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAFDM1      2    570
```

```
T AW: Not enough to eat --4 months ago
     AW60_FOOD2@1 In which of the last four
     months did (YOU/ANYONE IN YOUR HOUSEHOLD)
     NOT have enough to eat?  Universe =
            All households reporting not enough
     to eat (EAFOOD1  equals 3 or 4)
V         -1 .Not in Universe
V          1 .Yes, did not have enough to eat -
V            .4 mos. ago [Fill month 1]
V          2 .No, enough to eat

D EAFDM2      2    572
T AW: Not enough to eat --3 months ago
     AW60_FOOD2@2 In which of the last four
     months did ... NOT have enough to eat?
     Universe =               All households
     reporting not enough to eat  (EAFOOD1
     equals 3 or 4)
V         -1 .Not in Universe
V          1 .Yes, did not have enough to eat -
V            .3 mos. ago [Fill month 2]
V          2 .No, enough to eat

D EAFDM3      2    574
T AW: Not enough to eat --2 months ago
     AW60_FOOD2@3 In which of the last four
     months did ... NOT have enough to eat?
     Universe =               All households
     reporting not enough to eat  (EAFOOD1
     equals 3 or 4)
V         -1 .Not in Universe
V          1 .Yes, did not have enough to eat -
V            .2 mos. ago [Fill month 3]
V          2 .No, enough to eat

D EAFDM4      2    576
T AW: Not enough to eat --last month
     AW60_FOOD2@4 In which of the last four
     months did ... NOT have enough to eat?
     Universe =               All households
     reporting not enough to eat (EAFOOD1
     equals 3 or 4)
V         -1 .Not in Universe
V          1 .Yes, did not have enough to eat -
V            .last month  [Fill month 4]
V          2 .No, enough to eat

D EAFDM5      2    578
T AW: Not enough to eat --current month
     AW60_FOOD2@5 In which of the last four
     months did ... NOT have enough to eat?
     Universe =               All households
     reporting not enough to eat (EAFOOD1
     equals 3 or 4)
V         -1 .Not in Universe
V          1 .Yes, did not have enough to eat -
V            .current month [Fill month 5]
```

```
V          2 .No, enough to eat

D AAFDM       1    580
T AW: Allocation flag for EAFDM1-EAFDM5.
     Allocation flag for EAAFDM1-5, month not
     enough to eat.
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)}

D EAFLAST     2    581
T AW: Food we bought just didn't last
     AW61_FOOD3 I'm going to read you some
     statements that people have made about
     their food situation.  For these
     statements, please tell me whether it was
     OFTEN TRUE, SOMETIMES TRUE, or NEVER TRUE
     for ... in the last four months. "The food
     that (I/WE) bought just didn't last and
     (I/WE) didn't have money to get more." Was
     that often, sometimes or never true for
     ... in the last four months?  Universe =
                 All households
V         -1 .Not in Universe
V          1 .Often true
V          2 .Sometimes true
V          3 .Never true

D AAFLAST     1    583
T AW: Allocation flag for EAFLAST
     Allocation flag for food we bought just
     didn't last
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)}

D EAFBALN     2    584
T AW: Couldn't afford balanced meals
     AW62_FOOD4 I'm going to read you some
     statements that people have made about
     their food situation.  For these
     statements, please tell me whether it was
     OFTEN TRUE, SOMETIMES TRUE, or NEVER TRUE
     for ... in the last four months. The next
     statement is: "(I/WE) couldn't afford to
     eat balanced meals."Was that often,
     sometimes or never true for ... in the
     last four months?  Universe =
      All households
V         -1 .Not in Universe
V          1 .Often true
V          2 .Sometimes true
V          3 .Never true

D AAFBALN     1    586
```

```
T AW: Allocation flag for EAFBALN
     Allocation flag for we couldn't afford
     balanced meals
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAFCHLD     2    587
T AW: Children were not eating enough
     AW63_FOOD5 I'm going to read you some
     statements that people have made about
     their food situation.  For these
     statements, please tell me whether it was
     OFTEN TRUE, SOMETIMES TRUE, or NEVER TRUE
     for ... in the last four months. The next
     statement is: "(MY CHILD WAS/OUR CHILD
     WAS/ THE CHILDREN WERE) not eating enough
     because (I/WE) couldn't afford enough
     food." Was that often, sometimes or never
     true for ... in the last four months?
     Universe =               All households
     with children under 18 reporting not
     enough to eat or food  didn't last or
     couldn't afford balanced meals.
     (EAFBALN=1 or 2, OR EAFLAST=1 or 2, OR
     EAFOOD1=3 or 4)
V         -1 .Not in Universe
V          1 .Often true
V          2 .Sometimes true
V          3 .Never true

D AAFCHLD     1    589
T AW: Allocation flag for EAFCHLD
     Allocation flag for children not eating
     enough
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAFSKIP     2    590
T AW: Cut size or skipped meals
     AW64_FOOD6 The next few questions refer to
     adults in the household. In the past four
     months did you or the other adults in the
     household ever cut the size of your meals
     or skip meals because there wasn't enough
     money for food?  Universe =
     All households reporting not enough to eat
     or  food didn't last or couldn't afford
     balanced meals.  (EAFBALN=1 or 2, or
     EAFLAST=1 or 2, or EAFOOD1=3 or 4)
V         -1 .Not in Universe
V          1 .Yes
V          2 .No
```

```
D AAFSKIP     1    592
T AW: Allocation flag for EAFSKIP
     Allocation flag for cut size or skipped
     meals
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAFLESS     2    593
T AW: Ate less than felt you should
     AW65_FOOD7 The next few questions refer to
     adults in the household. In the past four
     months did you or the other adults in the
     household ever eat less than you felt you
     should because there wasn't enough money
     to buy food?  Universe =               All
     households reporting not enough to eat or
     food didn't last or couldn't afford
     balanced meal.  (EAFBALN=1 or 2, or
     EAFLAST=1 or 2, or EAFOOD1=3 or 4)
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AAFLESS     1    595
T AW: Allocation flag for EAFLESS
     Allocation flag for ate less than felt you
     should
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
V          2 .Cold deck imputation
V          3 .Logical imputation (derivation)

D EAFDAY      2    596
T AW: Didn't eat for a whole day
     AW66_FOOD8 The next few questions refer to
     adults in the household. In the past four
     months did you or the other adults in the
     household ever not eat for a whole day
     because there wasn't enough money for
     food?  Universe =               All
     households reporting child didn't eat
     enough or adults  cut size/skipped  meals
     or adults ate less than they felt they
     should  (EAFCHLD=1 or 2, or EAFSKIP=1, or
     EAFLESS=1)
V         -1 .Not in Universe
V          1 .Yes
V          2 .No

D AAFDAY      1    598
T AW: Allocation flag for EAFDAY.
     Allocation flag for didn't eat for a whole
     day
V          0 .Not imputed
V          1 .Statistical imputation (hot deck)
```

```
V           2 .Cold deck imputation
V           3 .Logical imputation (derivation)

D FILLER      2    599
T Filler
```

SOURCE AND ACCURACY STATEMENT FOR THE SURVEY OF INCOME AND PROGRAM PARTICIPATION 2008 WAVE 1 TO WAVE 11 PUBLIC USE FILES[1]

SOURCE OF DATA

Source of Data. The data were collected in the 2008 Panel of the Survey of Income and Program Participation (SIPP). The population represented in the 2008 SIPP (the population universe) is the civilian noninstitutionalized population living in the United States. The institutionalized population, which is excluded from the population universe, is composed primarily of the population in correctional institutions and nursing homes (91 percent of the 4.1 million institutionalized people in Census 2000).

The 2008 Panel of the SIPP sample is located in 351 Primary Sampling Units (PSUs), each consisting of a county or a group of contiguous counties. Of these 351 PSUs, 123 are self-representing (SR) and 228 are non-self-representing (NSR). SR PSUs have a probability of selection of one. NSR PSUs have a probability of selection of less than one. Within PSUs, housing units (HUs) were systematically selected from the master address file used for the 2000 decennial census. To account for HUs built within each of the sample areas after the 2000 census, a sample containing clusters of four HUs was drawn from permits issued for construction of residential HUs 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 HUs which were then listed by field personnel.

Households were classified into two strata, such that one strata had a higher concentration of low income households than the other. We oversampled the low income stratum by 44 percent to increase the accuracy of estimates for statistics of low income households and program participation. Analysts are strongly encouraged to use the SIPP weights when creating estimates since households are not selected with equal probability.

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 four-month intervals over a period of roughly five years beginning in September 2008. The reference period for the questions is the four-month period preceding the interview month. The most recent month is designated reference month 4, the earliest month is reference month 1. In general, one cycle of four interview months covering the entire sample, using the same questionnaire, is called a wave. For example, Wave 1 rotation group 1 of the 2008 Panel was interviewed in September 2008 and data for the reference months May 2008 through August 2008 were collected.

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[1] For questions or further assistance with the information provided in this document contact: Tracy Mattingly of the Demographic Statistical Methods Division at (301) 763-6445 or via the e-mail at Tracy.L.Mattingly@census.gov.

In Wave 1, the 2008 SIPP began with a sample of about 65,500 HUs. About 13,500 of these HUs were found to be vacant, demolished, converted to nonresidential use, or otherwise ineligible for the survey. Field Representatives (FRs) were able to obtain interviews for about 42,000 of the eligible HUs. FRs were unable to interview approximately 10,000 eligible HUs 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 81 percent of all eligible HUs participated in the first interview of the panel.

For subsequent interviews, only original sample people (those in Wave 1 sample households and interviewed in Wave 1) and people living with them are eligible to be interviewed. The SIPP sample includes original sample people if they move to a new address, unless the new address was more than 100 miles from a SIPP sample area. In this case, FRs attempt telephone interviews.

Since SIPP follows all original sample members, those members that form new households are also included in the SIPP sample. This expansion of original households can be estimated within the interviewed sample, but is impossible to determine within the non-interviewed sample. Therefore, a growth factor based on the growth in the known sample is used to estimate the unknown expansion of the non-interviewed households.

Growth factors account for the additional nonresponse stemming from the expansion of non-interviewed households. They are used to get a more accurate estimate of the weighted number of non-interviewed HUs at each wave, called sample loss. To calculate sample loss we use Formula (1):

$$Sample\ Loss = \frac{(A_1 \times GF) + A_C + D_C}{I_C + (A_1 \times GF) + A_C + D_C} \quad (1)$$

where A_1 is the weighted number of Type A non-interviewed households in Wave 1, A_C is the weighted number of Type A non-interviewed households in the Current Wave, D_C is the weighted number of Type D non-interviewed households in the current wave, I_C is the weighted number of interviewed households in the current wave, and GF is the growth factor associated with the current wave.

Table A. Sample Loss and Response Rate for SIPP 2008								
			Type As		Type Ds			
Wave	Eligible HUs	Interviewed HUs	Total	Weighted Rate	Total	Weighted Rate	Growth Factor	Weighted Sample Loss
1	52,031	42,032	9,999	19.2%				19.2%
2	42,481	39,000	2,921	6.9%	560	1.3%	1.01	26.1%
3	42,779	37,651	4,159	9.7%	969	2.3%	1.02	28.9%
4	43,176	36,195	5,693	13.2%	1,288	2.9%	1.03	32.4%
5	43,422	35,873	6,060	14.0%	1,489	3.3%	1.04	33.2%
6	43,544	34,891	6,894	15.9%	1,759	4.0%	1.04	35.2%
7	43,619	33,827	7,901	18.2%	1,891	4.2%	1.05	37.5%
8	43,609	33,417	8,231	19.0%	1,961	4.3%	1.05	38.2%
9	43,621	32,567	8,880	20.4%	2,174	4.7%	1.04	39.6%
10	43,690	31,445	9,877	22.7%	2,368	5.1%	1.05	41.9%
11	43,720	31,007	10,256	23.5%	2,457	5.3%	1.05	42.7%

Table B. Percent of Type As by Nonresponse Status for SIPP 2008						
Wave	Language Problem	Unable to Locate	No One Home	Temporarily Absent	Household Refused	Other
1	1.2%	0.8%	16.6%	3.4%	67.2%	10.9%
2	0.8%		19.2%	5.2%	61.3%	13.4%
3	0.5%		18.6%	5.7%	60.7%	14.5%
4	0.4%		18.4%	3.9%	62.5%	14.7%
5	0.3%		16.6%	3.4%	64.7%	15.1%
6	0.4%		14.8%	3.7%	67.8%	13.3%
7	0.4%		15.3%	2.9%	62.8%	18.7%
8	0.2%		13.7%	2.4%	62.7%	20.9%
9	0.3%		13.8%	2.7%	62.7%	20.5%
10	0.3%		12.0%	2.2%	65.7%	19.9%
11	0.3%		10.8%	1.8%	71.4%	15.8%

Note that in Table A the Wave 1 weighted sample loss rate is the same as the weighted Type A rate since growth factors and Type D (movers) are not applicable until Wave 2.

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 2008 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 2008 panel. For example, Wave 1 rotation group 1 of the 2008 panel was interviewed in September 2008 and data for the reference months May 2008 through August 2008 were collected.

Estimation. The SIPP estimation procedure involves several stages of weight adjustments to derive the cross-sectional person level weights. First, each person is given a base weight (BW) equal to the inverse of the probability of selection of a person's household. Next, a Duplication Control Factor (DCF) is used to adjust for subsampling done in the field when the number of sample units is much larger than expected. Then a noninterview adjustment factor is applied to account for households which were eligible for the sample but which FRs could not interview in Wave 1(F_{N1})**.** Similarly for subsequent waves *i*, the noninterview adjustment factor is (F_{Ni}). A Mover's Weight (MW) is applied in Waves 2+ to adjust for persons in the SIPP universe who move into sample households after Wave 1. The last adjustment is the Second Stage Adjustment Factor (F_{2S}). This adjusts estimates to population controls and equalizes husbands' and wives' weights. The 2008 Panel adjusts weights to both national and state level controls.

The final cross-sectional weight is $FW_c = BW * DCF * FN_1 * F_{2S}$ for Wave 1 and is $FW_c = IW * FN_2 * F_{2S}$ for Waves 2+, where IW is either $BW * DCF * F_{N1}$ or MW. Additional details of the weighting process are in *SIPP 2008: Cross-Sectional Weighting Specifications for Wave 1 and Wave 2+.*

Population Controls. The 2008 SIPP estimation procedure adjusts weighted sample results to agree with independently derived population estimates of the civilian noninstitutional population. National family type controls are obtained by taking the Current Population Survey (CPS) weights and doing a "March type" family equalization. That is, wives' weights are assigned to husbands and then proportionally adjusted to the weights of persons by month, rotation group, race, sex, age, and by the marital and family status of householders. This attempts to correct for undercoverage and thereby reduces the mean square error of the estimates. The national and state level population controls are obtained directly from the Population Division and are prepared each month to agree with the most current set of population estimates released by the U.S. Census Bureau's population estimates and projections program.

The national level controls are distributed by demographic characteristics as follows:

- Age, Sex, and Race (White Alone, Black Alone, and all other groups combined)
- Age, Sex, and Hispanic Origin

The state level controls are distributed by demographic characteristics as follows:

- State by Age and Sex
- State by Hispanic origin
- State by Race (Black Alone, all other groups combined)

The estimates begin with the latest decennial census as the base and incorporate the latest available information on births and deaths along with the latest estimates of net international migration.

The net international migration component in the population estimates includes a combination of:

- Legal migration to the U.S.,
- Emigration of foreign born and native people from the U.S.,
- Net movement between the U.S. and Puerto Rico,
- Estimates of temporary migration, and
- Estimates of net residual foreign-born population, which include unauthorized migration.

Because the latest available information on these components lags the survey date, to develop the estimate for the survey date, it is necessary to make short-term projections of these components.

Use of Weights. There are three primary weights for the analysis of SIPP data. The person month weight (one for each reference month) is for analyzing data at the person level. Everyone in the sample in a given reference month has a person month weight. The person month weight of the household reference person is used to analyze data at the household level (a household may consist of related and unrelated persons). The person month weight of the family reference person is the family weight. Use this weight to analyze family level questions. Weights are also available in the public use files for related subfamilies. Chapter 8 of the *SIPP Users' Guide* provides additional information on how to use these weights.

By selecting the appropriate reference month weight an analyst can obtain the average of an item such as income across several calendar months.

> **Example.** Using the proper weights, one can estimate the monthly average number of households in a specified income range over August 2008 to September 2008. To estimate monthly averages of a given measure, e.g., 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.

The core wave file does not contain weights for characteristics that involve a person's or household's status over two or more months (such as, number of households with a 50 percent increase in income between December 2008 and January 2009).

Adjusting Estimates Which Use Less than the Full Sample. 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. Multiply the sum by a factor to account for the number of rotations contributing data for the month. This factor equals 4 divided by the number of rotations contributing data for the month. For example, July 2008 data are only available from rotations 1-3 for Wave 1 of the 2008 Panel, so a factor of 4/3.1.3333 must be applied. A list of appropriate factors is in Table 3.

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: sampling and nonsampling. For a given estimator, the difference between an estimate based on a sample and the estimate that would result if the sample were to include the entire population is known as sampling error. For a given estimator, the difference between the estimate that would result if the sample were to include the entire population and the true population value being estimated is known as nonsampling error. We are able to provide estimates of the magnitude of SIPP sampling error, but this is not true of nonsampling error.

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
- 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 HUs and missed persons within sample HUs. 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.

A common measure of survey coverage is the coverage ratio, the estimated population before ratio adjustment divided by the independent population control. Table C below shows SIPP coverage ratios for age-sex-race groups for one month, December 2011, prior to the ratio 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 CPS] experience similar coverage.

Table C. SIPP Average Coverage Ratios for December 2011 for Age by Race and Sex						
Age	White Only		Black Only		Residual	
	Male	Female	Male	Female	Male	Female
<15	0.83	0.83	0.73	0.72	0.77	0.86
15	0.92	0.88	0.81	0.69	0.98	0.98
16-17	0.87	0.86	0.81	0.70	0.99	0.97
18-19	0.83	0.84	0.80	0.72	0.98	0.99
20-21	0.74	0.75	0.65	0.68	1.00	0.93
22-24	0.65	0.66	0.65	0.69	0.89	0.88
25-29	0.64	0.70	0.44	0.58	0.78	0.78
30-34	0.75	0.81	0.51	0.71	0.76	0.77
35-39	0.83	0.87	0.63	0.77	0.73	0.84
40-44	0.82	0.88	0.66	0.75	0.80	0.90
45-49	0.83	0.87	0.81	0.70	0.98	1.01
50-54	0.84	0.89	0.79	0.86	0.99	1.01
55-59	0.91	0.97	0.83	1.04	0.98	1.05
60-61	0.95	1.01	0.89	1.02	1.02	1.04
62-64	1.02	1.04	0.89	1.01	1.03	1.06
65-69	0.93	0.93	1.07	1.00	0.99	0.96
70-74	0.96	0.95	1.06	1.08	1.00	0.97
75-79	0.91	0.97	1.10	1.07	0.99	1.00
80-84	0.98	1.02	1.02	1.02	0.99	0.95
85+	0.94	0.93	1.08	1.02	0.95	1.04

Comparability with Other Estimates. Caution should be exercised when comparing this data 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 a confidence interval. A confidence interval is a range about a given estimate that has a known probability of including the result of a complete enumeration. 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 1.645 standard errors below the estimate to 1.645 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 $(-1.645 \times S_{DIFF})$ and $(+1.645 \times S_{DIFF})$, 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 $(-1.645 \times S_{DIFF})$ or larger than $(+1.645 \times S_{DIFF})$, 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. We recommend that users report only those differences that are significant at the 10 percent level or better. 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. A Bonferroni correction can be done to account for this potential problem that consists of dividing your stated level of significance by the number of tests you are performing. This correction results in a conservative test of significance.

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 75,000. Also, nonsampling error in one or more of the small number of cases providing the estimation can cause large relative error in that particular estimate. 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 (SEs) for SIPP Estimates. They are as follows:

- Direct estimates using replicate weighting methods;
- Generalized variance function parameters (denoted as a and b); and
- Simplified tables of SEs based on the a and b parameters.

While the replicate weight methods provide the most accurate variance estimates, this approach requires more computing resources and more expertise on the part of the user. The Generalized Variance Function (GVF) parameters provide a method of balancing accuracy with resource usage as well as smoothing effect on SE estimates across time. SIPP uses the Replicate Weighting Method to produce GVF parameters (see K. Wolter, *Introduction to Variance Estimation,* for more information). The GVF parameters are used to create the simplified tables of SEs.

Standard Error Parameters and Tables and Their Use. Most SIPP estimates have greater standard errors than those obtained through a simple random sample because of its two-stage cluster sample design. 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 as 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 4 provides a and b parameters for the core domains to be used for the 2008 Panel Wave 1 to Wave 11 estimates. The base a and b parameters for the topical modules for Wave 1 to Wave 11 are found in Table 5.

For those users who wish further simplification, we have also provided base standard errors for estimates of totals and percentages in Tables 6 through 9. Note that these base standard errors only apply when data from all four rotations are used and must be adjusted by an f factor provided in Table 4. 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.

Adjusting Standard Error Parameters for Estimates Which Use Less Than the Full Sample
If some rotation groups are unavailable to contribute data to a given estimate, then the estimate and its standard error need to be adjusted. The adjustment of the estimate is described in the previous section. The standard error is adjusted by multiplying the appropriate a and b parameters by a factor equal to 4 divided by the number of rotation groups contributing data to the estimate or it can be taken from Table 3 where the factor is given for each single reference month, May 2008 to August 2008.

For monthly and quarterly estimates, use Table 3 to select the adjustment factor appropriate to the number of rotation months. Multiply this factor by the a and b base parameters of Table 4 to produce a and b parameters for the variance estimate for a specific subgroup and reference period.

Illustration 1.
Using Table 4 for Wave 1 of the 2008 panel, the base a and b parameters for total number of households are -0.00002703 and 3,179, respectively. Using Table 3 for Wave 1, the factor for June 2008 is 2 *since only two rotation months of data are available*. So the a and b parameters for the variance estimate of a white household characteristic in June 2008 based on Wave 1 are:

$$-0.00002703 \times 2 = -0.00005406 \; and \; 3{,}179 \times 2 = 6{,}358, respectively.$$

Similarly, the factor from Table 3 for the third quarter of 2008 is 1.0370, since the only data available are the eleven rotation months from Wave 1. (Rotation 1 provides three rotation months, rotation 2 provides three rotation months, rotation 3 provides three rotation months, and rotation 4 provides two rotation months of data.) Thus, the a and b parameters for the variance estimate of a white household characteristic in the third quarter of 2008 are:

$$-0.00002703 \times 1.0370 = -0.00002803 \; and \; 3{,}179 \times 1.0370 = 3{,}297, respectively.$$

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 Formula (2) 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 Formula (2):

$$s_x = f \times s, \tag{2}$$

where f is the appropriate f factor from Table 4, and s is the base standard error on the estimate obtained by interpolation from Tables 6 or 7.

Alternatively, s_x may be approximated by Formula (3):

$$s_x = \sqrt{ax^2 + bx} \tag{3}$$

This formula was used to calculate the base standard errors in Tables 6 and 7. Here x is the size of the estimate and a and b are the parameters from Table 4 which are associated with the characteristic being estimated (and the wave which applies). Use of Formula (3) will generally provide more accurate results than the use of Formula (2).

Illustration 2.
Suppose SIPP estimates based on Wave 1 of the 2008 panel show that there were 2,000,000 females aged 25 to 44 with a monthly income of greater than $6,000 in September 2008. The appropriate parameters and factor from Table 4 and the appropriate general standard error from Table 7 are:

$$a = -0.00002917 \qquad b = 3{,}584 \qquad f = 0.989 \qquad s = 85{,}282$$

Using Formula (2), the approximate standard error is:

$$s_x = 0.989 \times 85{,}282 = 84{,}344.$$

Using Formula (3), the approximate standard error is:

$$s_x = \sqrt{(-0.00002917 \times 2{,}000{,}000^2) + (3{,}584 + 2{,}000{,}000)} = 83{,}972\ females.$$

Using the standard error based on Formula (3), the approximate 90-percent confidence interval as shown by the data is from 1,861,866 to 2,138,134 females $(i.e., 2{,}000{,}000 \pm 1.645 \times 83{,}972)$. 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 (4) below. Because of the approximations used in developing Formula (4), 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:

$$s_{\bar{x}} = \sqrt{\left(\frac{b}{y}\right) s^2}, \tag{4}$$

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 i^{th} unit. (A 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 lower and upper boundaries of interval j are Z_{j-1} and Z_j, respectively. Each unit, x_i, is placed into one of c intervals such that $Z_{j-1} < x_i \leq Z_j$. The estimated population mean, $\bar{x}$, and variance, s^2, are given by the formulas:

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

$$s^2 = \sum_{j=1}^{c} p_j m_j^2 - \bar{x}^2 \qquad (5)$$

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

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

In the second method, the estimated population mean, $\bar{x}$, and variance, s^2 are given by:

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

$$s^2 = \frac{\sum_{i=1}^{n} w_i x_i^2}{\sum_{i=1}^{n} w_i} - \bar{x}^2 \qquad (6)$$

where there are n units with the item of interest and w_i is the final weight for i^{th} unit. (Note that $\sum w_i = y$.)

Illustration 3.

Suppose that based on Wave 1 data, the distribution of monthly cash income for persons age 25 to 34 during the month of September 2008 is given in Table 10. Using these data, the mean monthly cash income for persons aged 25 to 34 is $2,530. Applying Formula (5), the approximate population variance, s^2, is:

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

Using Formula (4) and a base b parameter of 3,584, the estimated standard error of a mean $\bar{x}$ is:

$$s_{\bar{x}} = \sqrt{\frac{3{,}584}{39{,}851{,}000} \times 3{,}159{,}887} = \$16.86$$

Thus, the approximate 90-percent confidence interval as shown by the data ranges from $2,502.27 to $2,557.73.

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 (7). 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 (5) or Formula (6) and b be the parameter associated with the particular type of item. The standard error of an aggregate is:

$$s_x = \sqrt{b \times y \times s^2}. \tag{7}$$

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 people sharing a particular characteristic such as the percent of people owning their own home. The second type is the percentage of money or some similar concept held by a particular group of people or held in a particular form. Examples are the percent of total wealth held by people with high income and the percent of total income received by people on welfare.

For the percentage of people, the approximate standard error, $s_{(x,p)}$, of the estimated percentage p can be obtained by the formula:

$$s_{(x,p)} = f \times s, \tag{8}$$

when data from all four rotations are used to estimate p. In this formula, f is the appropriate f factor from Table 4 (for the appropriate wave) and s is the base standard error of the estimate from Tables 8 or 9.

Alternatively, it may be approximated by the formula:

$$s_{(x,p)} = \sqrt{\frac{b}{x}(p)(100-p)}, \tag{9}$$

from which the standard errors in Tables 8 and 9 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 Formula (9) will give more accurate results than use of Formula (8) above and should be used when data from less than four rotations are used to estimate p.

Illustration 4.
Suppose that in September 2008, 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 (9), a b parameter of 3,534, and a factor of 1 from Table 3 since all four rotations are used, the approximate standard error is:

$$s_{(x,p)} = \sqrt{\frac{3{,}534}{16{,}812{,}000} \times 6.7 \times (100 - 6.7)} = 0.36\ percent$$

Consequently, the 90 percent confidence interval as shown by these data is from 6.11 to 7.29 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:

$$p_I = 100\left(\frac{x_A}{x_N}\right),$$

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

$$p_I = 100\left(\hat{p}_A\left(\frac{\bar{x}_A}{\bar{x}_N}\right)\right),$$

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

$$s_I = \sqrt{\left(\frac{\hat{p}_A \bar{x}_A}{\bar{x}_N}\right)^2 \left[\left(\frac{s_p}{\hat{p}_A}\right)^2 + \left(\frac{s_A}{\bar{x}_A}\right)^2 + \left(\frac{s_B}{\bar{x}_N}\right)^2\right]}, \tag{10}$$

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 (9). The standard errors of $\bar{x}_N$ and $\bar{x}_A$ may be calculated using Formula (4).

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 5.
Suppose that in September 2008, 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 0.18%, $5,468, and $2,703, respectively. In total there are 86,790,000 households. Then, the percent of all household assets held in rental property is:

$$100\left(0.098 \times \frac{72{,}121}{78{,}734}\right) = 9.0\%$$

Using Formula (10), the appropriate standard error is:

$$s_I = \sqrt{\left(\frac{0.098 \times 72{,}121}{78{,}734}\right)^2 \left[\left(\frac{0.0018}{0.098}\right)^2 + \left(\frac{5{,}468}{72{,}121}\right)^2 + \left(\frac{2{,}703}{78{,}734}\right)^2\right]} = 0.7\%.$$

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

$$s_{(x-y)} = \sqrt{s_x^2 + s_y^2}, \tag{11}$$

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 6.
Suppose that for September 2008 SIPP estimates show the number of persons age 35-44 years with monthly cash income of $4,000 to $4,999 was 4,880,200 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 4,810,800. Then, using the parameters $a = -0.00001504$ and $b = 3{,}584$ from Table 4 and Formula (3),

the standard errors of these numbers are approximately 130,891 and 129,976, respectively. The difference in sample estimates is 69,400 and using Formula (11), the approximate standard error of the difference is:

$$\sqrt{130{,}891^2 + 129{,}976^2} = 184{,}462.$$

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 people age 35-44 years than for people age 25-34 years. To perform the test, compare the difference of 69,400 to the product $1.645 \times 184{,}462 = 303{,}440$. Since the difference is not greater than 1.645 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 items such as income for a given group of people 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.

The median, like the mean, can be estimated using either data which have been grouped into intervals or ungrouped data. If grouped data are used, the median is estimated using Formulas (12) or (13) with $p = 0.5$. If ungrouped data are used, the data records are ordered based on the value of the characteristic, then the estimated median is the value of the characteristic such that the weighted estimate of 50 percent of the subpopulation falls at or below that value and 50 percent is at or above that value. Note that the method of standard error computation which is presented here requires the use of grouped data. Therefore, it should be easier to compute the median by grouping the data and using Formulas (12) or (13).

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 (8) or Formula (9), 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:

$$X_{pN} = A_1 \times \exp\left[\left(\frac{\ln\left(\frac{pN}{N_1}\right)}{\ln\left(\frac{N_2}{N_1}\right)}\right)\ln\left(\frac{A_2}{A_1}\right)\right] \tag{12}$$

if Pareto Interpolation is indicated and:

$$X_{pN} = \left[A_1 + \left(\frac{PN - N_1}{N_2 - N_1}\right)(A_2 - A_1)\right], \tag{13}$$

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 7.
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 (9), 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 \$2,000 to \$2,499. (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, using Formula (12), the upper bound of a 68% confidence interval for the median is

$$\$2{,}000 \times \exp\left[\left(\frac{\ln\left(\frac{0.495 \times 39{,}851{,}000}{22{,}106{,}000}\right)}{\ln\left(\frac{16{,}307{,}000}{22{,}106{,}000}\right)}\right) \times \ln\left(\frac{2{,}500}{2{,}000}\right)\right] = \$2{,}174.$$

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

$$\$2{,}000 \times \exp\left[\left(\frac{\ln\left(\frac{0.505 \times 39{,}851{,}000}{22{,}106{,}000}\right)}{\ln\left(\frac{16{,}307{,}000}{22{,}106{,}000}\right)}\right) \times \ln\left(\frac{2{,}500}{2{,}000}\right)\right] = \$2{,}142.$$

Thus, the 68-percent confidence interval on the estimated median is from \$2,142 to \$2,174.

4. Then the approximate standard error of the median is

$$\frac{\$2{,}174 - \$2{,}142}{2} = \$16$$

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

$$s_{\frac{x}{y}} = \sqrt{\left(\frac{x}{y}\right)^2 \left[\left(\frac{s_y}{y}\right)^2 + \left(\frac{s_x}{x}\right)^2\right]}, \tag{14}$$

where x and y are the means or medians, and s_x and s_y are their associated standard errors. Formula (14) 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 under-estimates. The design effect (DEFF) factors that are 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 a simple random sample.

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Table 1. 2008 Panel Topical Modules			
W1	• Recipiency History • Employment History • Tax Rebates	W7	• Assets and Liabilities • Real Estate, Dependent Care, and Vehicles • Int Acct, Stocks, Mortg, Rental, Val of Bus, Other • Medical Expenses/Utilization of Health Care Services • Poverty (Work-related Expenses/Child Support Paid)
W2	• Work Disability • Education & Training History • Marital History • Migration History • Fertility History • Household Relationships • Tax Rebates	W8	• Annual Income and Retirement Accounts • Taxes • Child Care • Work Schedule
W3	• Welfare Reform • Retirement and Pension Plan Coverage	W9	• Informal Care-giving • Adult Well-being
W4	• Assets and Liabilities • Real Estate, Dependent Care, and Vehicles • Int Accts, Stocks, Mortg.,Val of Bus, Rental, Other • Medical Expenses/Utilization of Health Care Services • Poverty (Work-related Expenses/Child Support Paid) • Child Well-Being	W10	• Assets and Liabilities • Real Estate, Dependent Care, and Vehicles • Int Acct, Stocks, Mortg, Rental, Val of Bus, Other • Medical Expenses/Utilization of Health Care Services • Poverty (Work-related Expenses/Child Support Paid) • Child Well-Being
W5	• Annual Income and Retirement Accounts • Taxes • Child Care • Work Schedule	W11	• Retirement and Pension Plan Coverage
W6	• Adult Well-being • Child Support Agreements • Support for Non-household Memebers • Functional Limitations and Disability-Adults • Functional Limitations and Disability-Children • Employer-Provided Health Benefits	W12 - W16	• There are no topical modules planned for Waves 12 – 16.

Table 2. SIPP Panel 2008 Reference Months (horizontal) for Each Interview Month (vertical)[2]

Month of Interview	Wave / Rotation	2008				2009				2010				2011				2012			
		2nd Quarter	3rd Quarter		4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quar.
		May Jun	Jul Aug Sep		Oct Nov Dec	Jan Feb Mar	Apr May Jun	Jul Aug Sep	Oct Nov Dec	Jan Feb Mar	Apr May Jun	Jul Aug Sep	Oct Nov Dec	Jan Feb Mar	Apr May Jun	Jul Aug Sep	Oct Nov Dec	Jan Feb Mar	Apr May Jun	Jul Aug Sep	Oct Nov
Sep 08	1/1	1 2	3 4																		
Oct	1/2	1	2 3 4																		
Nov	1/3		1 2 3		4																
Dec	1/4		1 2		3 4																
Jan 09	2/1		1		2 3 4																
Feb	2/2				1 2 3	4															
Mar	2/3				1 2	3 4															
Apr	2/4				1	2 3 4															
May	3/1					1 2 3	4														
Jun	3/2					1 2	3 4														
July	3/3					1	2 3 4														
Aug	3/4						1 2 3	4													
Sep	4/1						1 2	3 4													
Oct	4/2						1	2 3 4													
Nov	4/3							1 2 3	4												
Dec	4/4							1 2	3 4												
Jan 10	5/1							1	2 3 4												
Feb	5/2								1 2 3	4											
Mar	5/3								1 2	3 4											
Apr	5/4								1	2 3 4											
May	6/1									1 2 3	4										
Jun	6/2									1 2	3 4										
July	6/3									1	2 3 4										
Aug	6/4										1 2 3	4									
Sep	7/1										1 2	3 4									
Oct	7/2										1	2 3 4									
Nov	7/3											1 2 3	4								
Dec	7/4											1 2	3 4								
Jan 11	8/1											1	2 3 4								
Feb	8/2												1 2 3	4							
Mar	8/3												1 2	3 4							
Apr	8/4												1	2 3 4							
May	9/1													1 2 3	4						
Jun	9/2													1 2	3 4						
July	9/3													1	2 3 4						
Aug	9/4														1 2 3	4					
Sep	10/1														1 2	3 4					
Oct	10/2														1	2 3 4					
Nov	10/3															1 2 3	4				
Dec	10/4															1 2	3 4				
Jan 12	11/1															1	2 3 4				
Feb	11/2																1 2 3	4			
Mar	11/3																1 2	3 4			
Apr	11/4																1	2 3 4			
May	12/1																	1 2 3	4		
Jun	12/2																	1 2	3 4		
July	12/3																	1	2 3 4		
Aug	12/4																		1 2 3	4	
Sep	13/1																		1 2	3 4	
Oct	13/2																		1	2 3 4	
Nov	13/3																			1 2 3	4
Dec	13/4																			1 2	3 4

[2] The SIPP 2008 panel has been extended to go through Wave 16.

Table 3. Factors to be Used When Using Less Than Full Sample	
Number of Available Rotation Months[3]	**Factor**
Monthly Estimate[4]	
1	4.0000
2	2.0000
3	1.3333
4	1.0000
Quarterly Estimate[5]	
6	1.8519
8	1.4074
9	1.2222
10	1.0494
11	1.0370
12	1.0000

[3] The number of available rotation months for a given estimate is the sum of the number of rotations available for each month of the estimates.

[4] Adjustment factors for monthly estimates are equal to 4 divided by the number of rotation groups contributing data to the estimate

[5] Adjustment factors for quarterly estimates are calculated as follows:
Assume:

1. No change within rotation (i.e., no change in value for a variable across months).
2. Rotations are independent.
3. All sigmas are equal.

The monthly factor for each month are equal to 4 divided by the number of rotation groups contributing data to the estimate. Therefore, the variance of the estimate for the full sample is: $\sum_{Rotation} Var(X_{Jan} + X_{Feb} + X_{March}) = 36\sigma^2$. The variance of the estimate for less than a full sample is: the sum of the squared monthly factors for each rotation month $* \sigma^2$. The adjustment factor for the quarterly estimate is: (the sum of the squared monthly factors for each rotation month $* \sigma^2$) $/(36\sigma^2)$.

Table 4. SIPP Generalized Variance Parameters for the 2008 Panel, Wave 1				
Domain	**Parameters**		**DEFF[6]**	***f***
	a	***b***		
Poverty and Program Participation, Persons 15+				
Total	-0.00001532	3,651	1.84	1.000
Male	-0.00003163	3,651		
Female	-0.00002971	3,651		
Income and Labor Force Participation, Persons 15+				
Total	-0.00001504	3,584	1.80	0.989
Male	-0.00003105	3,584		
Female	-0.00002917	3,584		
Other, Persons 0+				
Total (or White)	-0.00001223	3,661	1.84	1.000
Male	-0.00002496	3,661		
Female	-0.00002397	3,661		
Black, Persons 0+	-0.00009339	3,534	1.78	0.983
Male	-0.00020096	3,534		
Female	-0.00017447	3,534		
Hispanic, Persons 0+	-0.00009852	4,588	2.31	1.119
Male	-0.00019194	4,588		
Female	-0.00020241	4,588		
Households				
Total (or White)	-0.00002703	3,179	1.60	1.000
Black	-0.00021922	3,179		
Hispanic	-0.00023147	3,179		

Notes on Domain Usage for Table 4:

Poverty and Program Participation	Use these parameters for estimates concerning poverty rates, welfare program participation (e.g., foodstamp, SSI, TANF), and other programs for adults with low incomes.
Income and Labor Force	These parameters are for estimates concerning income, sources of income, labor force participation, economic well being other than poverty, employment related estimates (e.g., occupation, hours worked a week), and other income, job, or employment related estimates.
Other Persons	Use the "Other Persons" parameters for estimates of total (or white) persons aged 0+ in the labor force, and all other characteristics not specified in this table, for the total or white population.
Black/Hispanic Persons	Use these parameters for estimates of Black and Hispanic persons 0+.
Households	Use these parameters for all household level estimates.

[6] DEFF=b/sample interval, where sample interval=1,989

Table 4.(Cont.) SIPP Generalized Variance Parameters for the 2008 Panel, Wave 2-3				
Domain	**Parameters**		**DEFF[6]**	***f***
	a	***b***		
Poverty and Program Participation, Persons 15+				
Total	-0.00001786	4,295	2.16	1.083
Male	-0.00003687	4,295		
Female	-0.00003465	4,295		
Income and Labor Force Participation, Persons 15+				
Total	-0.00001721	4,137	2.08	1.063
Male	-0.00003552	4,137		
Female	-0.00003338	4,137		
Other, Persons 0+				
Total (or White)	-0.00001434	4,327	2.18	1.087
Male	-0.00002926	4,327		
Female	-0.00002811	4,327		
Black, Persons 0+	-0.00011484	4,376	2.20	1.093
Male	-0.00024713	4,376		
Female	-0.00021452	4,376		
Hispanic, Persons 0+	-0.00011685	5,561	2.80	1.232
Male	-0.00022778	5,561		
Female	-0.00023994	5,561		
Households				
Total (or White)	-0.00003137	3,722	1.87	1.082
Black	-0.00025251	3,722		
Hispanic	-0.00026735	3,722		

Notes on Domain Usage for Table 4:

Poverty and Program Participation	Use these parameters for estimates concerning poverty rates, welfare program participation (e.g., foodstamp, SSI, TANF), and other programs for adults with low incomes.
Income and Labor Force	These parameters are for estimates concerning income, sources of income, labor force participation, economic well being other than poverty, employment related estimates (e.g., occupation, hours worked a week), and other income, job, or employment related estimates.
Other Persons	Use the "Other Persons" parameters for estimates of total (or white) persons aged 0+ in the labor force, and all other characteristics not specified in this table, for the total or white population.
Black/Hispanic Persons	Use these parameters for estimates of Black and Hispanic persons 0+.
Households	Use these parameters for all household level estimates.

[6] DEFF=b/sample interval, where sample interval=1,989

Table 4.(Cont.) SIPP Generalized Variance Parameters for the 2008 Panel, Wave 4-6				
Domain	**Parameters**		**DEFF[6]**	***f***
	a	***b***		
Poverty and Program Participation, Persons 15+				
Total	-0.00001993	4,834	2.43	1.149
Male	-0.00004111	4,834		
Female	-0.00003867	4,834		
Income and Labor Force Participation, Persons 15+				
Total	-0.00001855	4,500	2.26	1.109
Male	-0.00003827	4,500		
Female	-0.00003600	4,500		
Other, Persons 0+				
Total (or White)	-0.00001592	4,851	2.44	1.151
Male	-0.00003248	4,851		
Female	-0.00003122	4,851		
Black, Persons 0+	-0.00012441	4,818	2.42	1.147
Male	-0.00026711	4,818		
Female	-0.00023288	4,818		
Hispanic, Persons 0+	-0.00012848	6,302	3.17	1.312
Male	-0.00025001	6,302		
Female	-0.00026432	6,302		
Households				
Total (or White)	-0.00003401	4,037	2.03	1.127
Black	-0.00026961	4,037		
Hispanic	-0.00029139	4,037		

Notes on Domain Usage for Table 4:

Poverty and Program Participation	Use these parameters for estimates concerning poverty rates, welfare program participation (e.g., foodstamp, SSI, TANF), and other programs for adults with low incomes.
Income and Labor Force	These parameters are for estimates concerning income, sources of income, labor force participation, economic well being other than poverty, employment related estimates (e.g., occupation, hours worked a week), and other income, job, or employment related estimates.
Other Persons	Use the "Other Persons" parameters for estimates of total (or white) persons aged 0+ in the labor force, and all other characteristics not specified in this table, for the total or white population.
Black/Hispanic Persons	Use these parameters for estimates of Black and Hispanic persons 0+.
Households	Use these parameters for all household level estimates.

[6] DEFF=b/sample interval, where sample interval=1,989

Table 4.(Cont.) SIPP Generalized Variance Parameters for the 2008 Panel, Wave 7-9				
Domain	**Parameters**		**DEFF[6]**	***f***
	a	***b***		
Poverty and Program Participation, Persons 15+				
Total	-0.00002221	5,426	2.73	1.217
Male	-0.00004571	5,426		
Female	-0.00004319	5,426		
Income and Labor Force Participation, Persons 15+				
Total	-0.00002011	4,913	2.47	1.158
Male	-0.00004139	4,913		
Female	-0.00003911	4,913		
Other, Persons 0+				
Total (or White)	-0.00001765	5,409	2.72	1.216
Male	-0.00003594	5,409		
Female	-0.00003467	5,409		
Black, Persons 0+	-0.00014401	5,635	2.83	1.241
Male	-0.00030883	5,635		
Female	-0.00026984	5,635		
Hispanic, Persons 0+	-0.00013176	6,604	3.32	1.343
Male	-0.00025629	6,604		
Female	-0.00027116	6,604		
Households				
Total (or White)	-0.00003687	4,425	2.22	1.180
Black	-0.00028880	4,425		
Hispanic	-0.00031165	4,425		

Notes on Domain Usage for Table 4:

Poverty and Program Participation	Use these parameters for estimates concerning poverty rates, welfare program participation (e.g., foodstamp, SSI, TANF), and other programs for adults with low incomes.
Income and Labor Force	These parameters are for estimates concerning income, sources of income, labor force participation, economic well being other than poverty, employment related estimates (e.g., occupation, hours worked a week), and other income, job, or employment related estimates.
Other Persons	Use the "Other Persons" parameters for estimates of total (or white) persons aged 0+ in the labor force, and all other characteristics not specified in this table, for the total or white population.
Black/Hispanic Persons	Use these parameters for estimates of Black and Hispanic persons 0+.
Households	Use these parameters for all household level estimates.

[6] DEFF=b/sample interval, where sample interval=1,989

Table 4.(Cont.) SIPP Generalized Variance Parameters for the 2008 Panel, Wave 10-11

Domain	Parameters		DEFF[6]	*f*
	a	***b***		
Poverty and Program Participation, Persons 15+				
Total	-0.00002316	5,688	2.86	1.247
Male	-0.00004766	5,688		
Female	-0.00004507	5,688		
Income and Labor Force Participation, Persons 15+				
Total	-0.00002171	5,331	2.68	1.207
Male	-0.00004467	5,331		
Female	-0.00004224	5,331		
Other, Persons 0+				
Total (or White)	-0.00001851	5,701	2.87	1.250
Male	-0.00003769	5,701		
Female	-0.00003638	5,701		
Black, Persons 0+	-0.00015183	5,978	3.01	1.279
Male	-0.00032574	5,978		
Female	-0.00028438	5,978		
Hispanic, Persons 0+	-0.00013671	6,966	3.50	1.379
Male	-0.00026565	6,966		
Female	-0.00028165	6,966		
Households				
Total (or White)	-0.00003865	4,637	2.33	1.125
Black	-0.00030277	4,637		
Hispanic	-0.00032246	4,637		

Notes on Domain Usage for Table 4:

Poverty and Program Participation	Use these parameters for estimates concerning poverty rates, welfare program participation (e.g., foodstamp, SSI, TANF), and other programs for adults with low incomes
Income and Labor Force	These parameters are for estimates concerning income, sources of income, labor force participation, economic well being other than poverty, employment related estimates (e.g., occupation, hours worked a week), and other income, job, or employment related estimates.
Other Persons	Use the "Other Persons" parameters for estimates of total (or white) persons aged 0+ in the labor force, and all other characteristics not specified in this table, for the total or white population.
Black/Hispanic Persons	Use these parameters for estimates of Black and Hispanic persons 0+.
Households	Use these parameters for all household level estimates.

[6] DEFF=b/sample interval, where sample interval=1,989

Table 5. SIPP Topical Module Generalized Variance Parameters for the 2008 Panel

Characteristics	Parameters	
	a	***b***
Employment History, Wave 1		
Both Sexes, Age 18+	-0.00001504	3,584
Male, Age 18+	-0.00003105	3,584
Female, Age 18+	-0.00002917	3,584
Recipiency History, Wave 1		
Both Sexes, Age 18+	-0.00001532	3,651
Male, Age 18+	-0.00003163	3,651
Female, Age 18+	-0.00002971	3,651
Fertility History, Wave 2		
Women	-0.00002596	3,240
Births	-0.00004735	5,907
Education History, Wave 2	-0.00001836	4,412
Marital History, Wave 2		
Some Household Members	-0.00002780	6,677
All Household Members	-0.00002566	8,113
Migration History, Wave 2	-0.00002060	4,939
Household Relationship, Wave 2	-0.00001359	4,093
Welfare Reform, Wave 3	-0.00005229	12,135
Assets and Liabilities		
Wave 4	-0.00001905	4,671
Wave 7	-0.00002124	5,178
Wave 10	-0.00002321	5,696
Child Well-Being (Under 18),		
Wave 4	-0.00005835	4,508
Wave 10	-0.00006757	5,292
Child Care (Age 0 to 15), Wave 5	-0.00006277	4,821
Wave 8	-0.00006694	5,216
Work Schedule (15+), Wave 5	-0.00001826	4,423
Child Support, Wave 6	-0.00004807	6,062
Support for Non-Household Members, Wave 6	-0.00002493	6,062
Health and Disability - Adults, Wave 6	-0.00002375	7,585

Table 6. Base Standard Errors of Estimated Numbers of Households or Families			
Size of Estimate	**Standard Error**	**Size of Estimate**	**Standard Error**
200,000	25,194	30,000,000	266,539
300,000	30,843	40,000,000	289,676
500,000	39,784	50,000,000	302,283
750,000	48,673	60,000,000	305,666
1,000,000	56,142	70,000,000	300,138
2,000,000	79,056	80,000,000	285,181
3,000,000	96,404	90,000,000	259,166
5,000,000	123,366	95,000,000	240,955
7,500,000	149,406	99,500,000	220,696
10,000,000	170,549	105,000,000	189,180
15,000,000	203,969	110,000,000	150,423
25,000,000	250,162	117,610,000	447

Note: These estimates are calculations using the Household Total (or White) a and b parameters from Table 4.

Table 7. Base Standard Errors of Estimated Numbers of Persons			
Size of Estimate	**Standard Error**	**Size of Estimate**	**Standard Error**
200,000	27,050	110,000,000	504,705
300,000	33,124	120,000,000	513,038
500,000	42,749	130,000,000	518,886
750,000	52,334	140,000,000	522,333
1,000,000	60,405	150,000,000	523,426
2,000,000	85,282	160,000,000	522,180
3,000,000	104,273	170,000,000	518,578
5,000,000	134,161	180,000,000	512,570
7,500,000	163,614	190,000,000	504,070
10,000,000	188,114	200,000,000	492,950
15,000,000	228,393	210,000,000	479,027
25,000,000	289,623	220,000,000	462,048
30,000,000	314,361	230,000,000	441,659
40,000,000	356,191	240,000,000	417,363
50,000,000	390,480	250,000,000	388,426
60,000,000	419,085	260,000,000	353,712
70,000,000	443,106	270,000,000	311,292
80,000,000	463,258	275,000,000	286,149
90,000,000	480,028	280,000,000	257,387
100,000,000	493,761	299,340,000	4,636

Notes: (1) These estimates are calculations using the Other Persons 0+ a and b parameter from Table 4.

(2) To calculate the standard for another domain multiply the standard error from this table by the appropriate f factor from Table 4.

Table 8. Base Standard Errors for Percentages of Households or Families						
Base of Estimated Percentages	**Estimated Percentages**					
	≤ 1 or ≥ 99	**2 or 98**	**5 or 95**	**10 or 90**	**25 or 75**	**50**
200,000	1.25%	1.77%	2.75%	3.78%	5.46%	6.30%
300,000	1.02%	1.44%	2.24%	3.09%	4.46%	5.15%
500,000	0.79%	1.12%	1.74%	2.39%	3.45%	3.99%
750,000	0.65%	0.91%	1.42%	1.95%	2.82%	3.26%
1,000,000	0.56%	0.79%	1.23%	1.69%	2.44%	2.82%
2,000,000	0.40%	0.56%	0.87%	1.20%	1.73%	1.99%
3,000,000	0.32%	0.46%	0.71%	0.98%	1.41%	1.63%
5,000,000	0.25%	0.35%	0.55%	0.76%	1.09%	1.26%
7,500,000	0.20%	0.29%	0.45%	0.62%	0.89%	1.03%
10,000,000	0.18%	0.25%	0.39%	0.53%	0.77%	0.89%
15,000,000	0.14%	0.20%	0.32%	0.44%	0.63%	0.73%
25,000,000	0.11%	0.16%	0.25%	0.34%	0.49%	0.56%
30,000,000	0.10%	0.14%	0.22%	0.31%	0.45%	0.51%
40,000,000	0.09%	0.12%	0.19%	0.27%	0.39%	0.45%
50,000,000	0.08%	0.11%	0.17%	0.24%	0.35%	0.40%
60,000,000	0.07%	0.10%	0.16%	0.22%	0.32%	0.36%
70,000,000	0.07%	0.09%	0.15%	0.20%	0.29%	0.34%
80,000,000	0.06%	0.09%	0.14%	0.19%	0.27%	0.32%
90,000,000	0.06%	0.08%	0.13%	0.18%	0.26%	0.30%
105,000,000	0.05%	0.08%	0.12%	0.17%	0.24%	0.28%
110,000,000	0.05%	0.08%	0.12%	0.16%	0.23%	0.27%
117,610,000	0.05%	0.07%	0.11%	0.16%	0.23%	0.26%

Note: These estimates are calculations using the Households Total (or White) b parameter from Table 4.

Table 9. Base Standard Errors for Percentages of Persons						
Base of Estimated Percentages	**Estimated Percentages**					
	≤ 1 or ≥ 99	**2 or 98**	**5 or 95**	**10 or 90**	**25 or 75**	**50**
200,000	1.35%	1.89%	2.95%	4.06%	5.86%	6.76%
300,000	1.10%	1.55%	2.41%	3.31%	4.78%	5.52%
500,000	0.85%	1.20%	1.86%	2.57%	3.71%	4.28%
750,000	0.70%	0.98%	1.52%	2.10%	3.03%	3.49%
1,000,000	0.60%	0.85%	1.32%	1.82%	2.62%	3.03%
2,000,000	0.43%	0.60%	0.93%	1.28%	1.85%	2.14%
3,000,000	0.35%	0.49%	0.76%	1.05%	1.51%	1.75%
5,000,000	0.27%	0.38%	0.59%	0.81%	1.17%	1.35%
7,500,000	0.22%	0.31%	0.48%	0.66%	0.96%	1.10%
10,000,000	0.19%	0.27%	0.42%	0.57%	0.83%	0.96%
15,000,000	0.16%	0.22%	0.34%	0.47%	0.68%	0.78%
25,000,000	0.12%	0.17%	0.26%	0.36%	0.52%	0.61%
30,000,000	0.11%	0.15%	0.24%	0.33%	0.48%	0.55%
40,000,000	0.10%	0.13%	0.21%	0.29%	0.41%	0.48%
50,000,000	0.09%	0.12%	0.19%	0.26%	0.37%	0.43%
60,000,000	0.08%	0.11%	0.17%	0.23%	0.34%	0.39%
70,000,000	0.07%	0.10%	0.16%	0.22%	0.31%	0.36%
100,000,000	0.06%	0.08%	0.13%	0.18%	0.26%	0.30%
110,000,000	0.06%	0.08%	0.13%	0.17%	0.25%	0.29%
120,000,000	0.05%	0.08%	0.12%	0.17%	0.24%	0.28%
130,000,000	0.05%	0.07%	0.12%	0.16%	0.23%	0.27%
140,000,000	0.05%	0.07%	0.11%	0.15%	0.22%	0.26%
150,000,000	0.05%	0.07%	0.11%	0.15%	0.21%	0.25%
160,000,000	0.05%	0.07%	0.10%	0.14%	0.21%	0.24%
170,000,000	0.05%	0.06%	0.10%	0.14%	0.20%	0.23%
180,000,000	0.04%	0.06%	0.10%	0.14%	0.20%	0.23%
190,000,000	0.04%	0.06%	0.10%	0.13%	0.19%	0.22%
200,000,000	0.04%	0.06%	0.09%	0.13%	0.19%	0.21%
210,000,000	0.04%	0.06%	0.09%	0.13%	0.18%	0.21%
220,000,000	0.04%	0.06%	0.09%	0.12%	0.18%	0.20%
230,000,000	0.04%	0.06%	0.09%	0.12%	0.17%	0.20%
240,000,000	0.04%	0.05%	0.09%	0.12%	0.17%	0.20%
250,000,000	0.04%	0.05%	0.08%	0.11%	0.17%	0.19%
280,000,000	0.04%	0.05%	0.08%	0.11%	0.16%	0.18%
299,340,000	0.03%	0.05%	0.08%	0.10%	0.15%	0.17%

Notes: (1) These estimates are calculations using the Other Persons 0+ a and b parameter from Table 4.

(2) To calculate the standard for another domain multiply the standard error from this table by the appropriate f factor from Table 4.

Table 10. Distribution of Monthly Cash Income Among People 25 to 34 Years Old
(Not Actual Data, Only Use for Calculation Illustrations)

	Interval of Monthly Cash Income												
	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
Number of People in Each Interval (in thousands)	1,371	1,651	2,259	2,734	3,452	6,278	5,799	4,730	3,723	2,519	2,619	1,223	1,493
Cumulative Number of People with at Least as Much as Lower Bound of Each Interval (in thousands)	39,851 (Total People)	38,480	36,829	34,570	31,836	28,384	22,106	16,307	11,577	7,854	5,335	2,716	1,493
Percent of People with at Least as Much as Lower Bound of Each Interval	100	96.6	92.4	86.7	79.9	71.2	55.5	40.9	29.1	19.7	13.4	6.8	3.7

WAVE 9 TOPICAL MODULE FREQUENCIES

SINTHHID	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	229	0.28	229	0.28
11	61158	74.35	61387	74.63
21	1525	1.85	62912	76.48
22	23	0.03	62935	76.51
23	8	0.01	62943	76.52
31	1925	2.34	64868	78.86
32	59	0.07	64927	78.93
33	2	0.00	64929	78.93
41	2354	2.86	67283	81.79
42	99	0.12	67382	81.91
43	5	0.01	67387	81.92
44	1	0.00	67388	81.92
51	2314	2.81	69702	84.73
52	92	0.11	69794	84.85
53	1	0.00	69795	84.85
61	2761	3.36	72556	88.20
62	110	0.13	72666	88.34
63	2	0.00	72668	88.34
71	3158	3.84	75826	92.18
72	95	0.12	75921	92.29
73	17	0.02	75938	92.31
81	2862	3.48	78800	95.79
82	89	0.11	78889	95.90
91	3230	3.93	82119	99.83
92	134	0.16	82253	99.99
93	7	0.01	82260	100.00

EAICUNV	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	16337	19.86	16337	19.86
1	65923	80.14	82260	100.00

EPVDCARE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	16337	19.86	16337	19.86
1	4232	5.14	20569	25.00
2	61691	75.00	82260	100.00

APVDCARE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75505	91.79	75505	91.79
1	6546	7.96	82051	99.75
3	209	0.25	82260	100.00

ECAREHHM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	78719	95.70	78719	95.70
1	1635	1.99	80354	97.68
2	1906	2.32	82260	100.00

ACAREHHM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81879	99.54	81879	99.54
1	381	0.46	82260	100.00

TCARENUM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	80625	98.01	80625	98.01
1	1511	1.84	82136	99.85
2	124	0.15	82260	100.00

ACARENUM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82067	99.77	82067	99.77
1	193	0.23	82260	100.00

AHHM1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82059	99.76	82059	99.76
3	201	0.24	82260	100.00

ERELT01	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	80625	98.01	80625	98.01
1	485	0.59	81110	98.60
2	31	0.04	81141	98.64
3	378	0.46	81519	99.10
4	33	0.04	81552	99.14
5	302	0.37	81854	99.51
6	58	0.07	81912	99.58
7	103	0.13	82015	99.70
8	44	0.05	82059	99.76
9	201	0.24	82260	100.00

ARELT01	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82059	99.76	82059	99.76
3	201	0.24	82260	100.00

TYRST01	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	80625	98.01	80625	98.01
0	281	0.34	80906	98.35
1	154	0.19	81060	98.54
2	197	0.24	81257	98.78
3	144	0.18	81401	98.96
4	93	0.11	81494	99.07
5	147	0.18	81641	99.25
6	72	0.09	81713	99.34
7	60	0.07	81773	99.41
8	65	0.08	81838	99.49
9	180	0.22	82018	99.71
10	75	0.09	82093	99.80
11	96	0.12	82189	99.91
12	71	0.09	82260	100.00

AYRST01	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82000	99.68	82000	99.68
1	260	0.32	82260	100.00

EADLT01	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	80625	98.01	80625	98.01
1	809	0.98	81434	99.00
2	826	1.00	82260	100.00

AADLT01	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82039	99.73	82039	99.73
1	221	0.27	82260	100.00

EMEDT01	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	80625	98.01	80625	98.01
1	1100	1.34	81725	99.35
2	535	0.65	82260	100.00

AMEDT01	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82039	99.73	82039	99.73
1	221	0.27	82260	100.00

EMNYT01	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	80625	98.01	80625	98.01
1	1014	1.23	81639	99.25
2	621	0.75	82260	100.00

AMNYT01	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82039	99.73	82039	99.73
1	221	0.27	82260	100.00

EOUTT01	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	80625	98.01	80625	98.01
1	1374	1.67	81999	99.68
2	261	0.32	82260	100.00

AOUTT01	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82041	99.73	82041	99.73
1	219	0.27	82260	100.00

EOTHLP01	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	80625	98.01	80625	98.01
1	600	0.73	81225	98.74
2	1035	1.26	82260	100.00

AOTHLP01	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82031	99.72	82031	99.72
1	229	0.28	82260	100.00

THRST01	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	80625	98.01	80625	98.01
1	95	0.12	80720	98.13
2	50	0.06	80770	98.19
3	61	0.07	80831	98.26
4	83	0.10	80914	98.36
5	62	0.08	80976	98.44
6	56	0.07	81032	98.51
7	125	0.15	81157	98.66
8	82	0.10	81239	98.76
9	72	0.09	81311	98.85
10	217	0.26	81528	99.11
11	63	0.08	81591	99.19
12	108	0.13	81699	99.32
13	134	0.16	81833	99.48
14	52	0.06	81885	99.54
15	98	0.12	81983	99.66
16	71	0.09	82054	99.75
17	72	0.09	82126	99.84
18	55	0.07	82181	99.90
19	79	0.10	82260	100.00

AHRST01	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81873	99.53	81873	99.53
1	387	0.47	82260	100.00

EOPT01	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	80625	98.01	80625	98.01
1	404	0.49	81029	98.50
2	1231	1.50	82260	100.00

AOPT01	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82037	99.73	82037	99.73
1	223	0.27	82260	100.00

THRST02	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81856	99.51	81856	99.51
1	38	0.05	81894	99.56
2	13	0.02	81907	99.57
3	30	0.04	81937	99.61
4	25	0.03	81962	99.64
5	15	0.02	81977	99.66
6	31	0.04	82008	99.69
7	21	0.03	82029	99.72
8	28	0.03	82057	99.75
9	54	0.07	82111	99.82
10	25	0.03	82136	99.85
11	47	0.06	82183	99.91
12	19	0.02	82202	99.93
13	21	0.03	82223	99.96
14	20	0.02	82243	99.98
15	17	0.02	82260	100.00

AHRST02	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82167	99.89	82167	99.89
1	93	0.11	82260	100.00

EHCT01	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	80625	98.01	80625	98.01
1	299	0.36	80924	98.38
2	1336	1.62	82260	100.00

AHCT01	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82026	99.72	82026	99.72
1	234	0.28	82260	100.00

THRST03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81961	99.64	81961	99.64
1	38	0.05	81999	99.68
2	31	0.04	82030	99.72
3	22	0.03	82052	99.75
4	30	0.04	82082	99.78
5	22	0.03	82104	99.81
6	16	0.02	82120	99.83
7	29	0.04	82149	99.87
8	14	0.02	82163	99.88
9	13	0.02	82176	99.90
10	25	0.03	82201	99.93
11	24	0.03	82225	99.96
12	23	0.03	82248	99.99
13	12	0.01	82260	100.00

AHRST03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82204	99.93	82204	99.93
1	56	0.07	82260	100.00

AHHM2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82238	99.97	82238	99.97
3	22	0.03	82260	100.00

ERELT02	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	82136	99.85	82136	99.85
1	4	0.00	82140	99.85
2	1	0.00	82141	99.86
3	32	0.04	82173	99.89
4	9	0.01	82182	99.91
5	24	0.03	82206	99.93
6	9	0.01	82215	99.95
7	14	0.02	82229	99.96
8	9	0.01	82238	99.97
9	22	0.03	82260	100.00

ARELT02	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82238	99.97	82238	99.97
3	22	0.03	82260	100.00

TYRST02	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	82136	99.85	82136	99.85
0	18	0.02	82154	99.87
1	10	0.01	82164	99.88
2	16	0.02	82180	99.90
3	5	0.01	82185	99.91
4	8	0.01	82193	99.92
5	13	0.02	82206	99.93
6	13	0.02	82219	99.95
7	5	0.01	82224	99.96
8	10	0.01	82234	99.97
9	13	0.02	82247	99.98
10	8	0.01	82255	99.99
11	5	0.01	82260	100.00

AYRST02	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82235	99.97	82235	99.97
1	25	0.03	82260	100.00

EADLT02	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	82136	99.85	82136	99.85
1	53	0.06	82189	99.91
2	71	0.09	82260	100.00

AADLT02	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82238	99.97	82238	99.97
1	22	0.03	82260	100.00

EMEDT02	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	82136	99.85	82136	99.85
1	84	0.10	82220	99.95
2	40	0.05	82260	100.00

AMEDT02	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82238	99.97	82238	99.97
1	22	0.03	82260	100.00

EMNYT02	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	82136	99.85	82136	99.85
1	68	0.08	82204	99.93
2	56	0.07	82260	100.00

AMNYT02	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82238	99.97	82238	99.97
1	22	0.03	82260	100.00

EOUTT02	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	82136	99.85	82136	99.85
1	94	0.11	82230	99.96
2	30	0.04	82260	100.00

AOUTT02	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82238	99.97	82238	99.97
1	22	0.03	82260	100.00

EOTHLP02	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	82136	99.85	82136	99.85
1	51	0.06	82187	99.91
2	73	0.09	82260	100.00

AOTHLP02	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82238	99.97	82238	99.97
1	22	0.03	82260	100.00

THRST04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	82136	99.85	82136	99.85
1	7	0.01	82143	99.86
2	5	0.01	82148	99.86
3	6	0.01	82154	99.87
4	10	0.01	82164	99.88
5	7	0.01	82171	99.89
6	14	0.02	82185	99.91
7	8	0.01	82193	99.92
8	14	0.02	82207	99.94
9	10	0.01	82217	99.95
10	18	0.02	82235	99.97
11	7	0.01	82242	99.98
12	9	0.01	82251	99.99
13	9	0.01	82260	100.00

AHRST04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82228	99.96	82228	99.96
1	32	0.04	82260	100.00

EOPT02	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	82136	99.85	82136	99.85
1	31	0.04	82167	99.89
2	93	0.11	82260	100.00

AOPT02	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82237	99.97	82237	99.97
1	23	0.03	82260	100.00

THRST05	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	82229	99.96	82229	99.96
1	5	0.01	82234	99.97
2	5	0.01	82239	99.97
3	5	0.01	82244	99.98
4	3	0.00	82247	99.98
5	10	0.01	82257	100.00
6	3	0.00	82260	100.00

AHRST05	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82251	99.99	82251	99.99
1	9	0.01	82260	100.00

EHCT02	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	82136	99.85	82136	99.85
1	26	0.03	82162	99.88
2	98	0.12	82260	100.00

AHCT02	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82238	99.97	82238	99.97
1	22	0.03	82260	100.00

THRST06	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	82234	99.97	82234	99.97
1	10	0.01	82244	99.98
2	12	0.01	82256	100.00
3	4	0.00	82260	100.00

AHRST06	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82253	99.99	82253	99.99
1	7	0.01	82260	100.00

ECARENHM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	78028	94.86	78028	94.86
1	2714	3.30	80742	98.15
2	1518	1.85	82260	100.00

ACARENHM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81830	99.48	81830	99.48
1	412	0.50	82242	99.98
3	18	0.02	82260	100.00

TNUMNHM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	79546	96.70	79546	96.70
1	2064	2.51	81610	99.21
2	463	0.56	82073	99.77
3	187	0.23	82260	100.00

ANUMNHM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82005	99.69	82005	99.69
1	255	0.31	82260	100.00

ERELT03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	79546	96.70	79546	96.70
1	29	0.04	79575	96.74
2	17	0.02	79592	96.76
3	362	0.44	79954	97.20
4	79	0.10	80033	97.29
5	693	0.84	80726	98.14
6	221	0.27	80947	98.40
7	407	0.49	81354	98.90
8	454	0.55	81808	99.45
9	452	0.55	82260	100.00

ARELT03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81808	99.45	81808	99.45
3	452	0.55	82260	100.00

TYRST03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	79546	96.70	79546	96.70
0	950	1.15	80496	97.86
1	358	0.44	80854	98.29
2	293	0.36	81147	98.65
3	243	0.30	81390	98.94
4	133	0.16	81523	99.10
5	233	0.28	81756	99.39
6	140	0.17	81896	99.56
7	154	0.19	82050	99.74
8	90	0.11	82140	99.85
9	120	0.15	82260	100.00

AYRST03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81775	99.41	81775	99.41
1	485	0.59	82260	100.00

ERESOF3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	79546	96.70	79546	96.70
1	2173	2.64	81719	99.34
2	403	0.49	82122	99.83
3	138	0.17	82260	100.00

ARESOF3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81796	99.44	81796	99.44
1	464	0.56	82260	100.00

EADLT03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	79546	96.70	79546	96.70
1	789	0.96	80335	97.66
2	1925	2.34	82260	100.00

AADLT03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81797	99.44	81797	99.44
1	463	0.56	82260	100.00

EMEDT03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	79546	96.70	79546	96.70
1	949	1.15	80495	97.85
2	1765	2.15	82260	100.00

AMEDT03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81794	99.43	81794	99.43
1	466	0.57	82260	100.00

EMNYT03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	79546	96.70	79546	96.70
1	1174	1.43	80720	98.13
2	1540	1.87	82260	100.00

AMNYT03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81795	99.43	81795	99.43
1	465	0.57	82260	100.00

EOUTT03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	79546	96.70	79546	96.70
1	1822	2.21	81368	98.92
2	892	1.08	82260	100.00

AOUTT03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81795	99.43	81795	99.43
1	465	0.57	82260	100.00

EOTHLP03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	79546	96.70	79546	96.70
1	1241	1.51	80787	98.21
2	1473	1.79	82260	100.00

AOTHLP03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81795	99.43	81795	99.43
1	465	0.57	82260	100.00

THRST07	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	79546	96.70	79546	96.70
1	336	0.41	79882	97.11
2	418	0.51	80300	97.62
3	214	0.26	80514	97.88
4	226	0.27	80740	98.15
5	240	0.29	80980	98.44
6	116	0.14	81096	98.58
7	191	0.23	81287	98.82
8	253	0.31	81540	99.12
9	203	0.25	81743	99.37
10	158	0.19	81901	99.56
11	134	0.16	82035	99.73
12	93	0.11	82128	99.84
13	132	0.16	82260	100.00

AHRST07	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81663	99.27	81663	99.27
1	597	0.73	82260	100.00

EOPT03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	79546	96.70	79546	96.70
1	1218	1.48	80764	98.18
2	1496	1.82	82260	100.00

AOPT03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81710	99.33	81710	99.33
1	550	0.67	82260	100.00

THRST08	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81042	98.52	81042	98.52
1	90	0.11	81132	98.63
2	129	0.16	81261	98.79
3	54	0.07	81315	98.85
4	72	0.09	81387	98.94
5	82	0.10	81469	99.04
6	51	0.06	81520	99.10
7	41	0.05	81561	99.15
8	98	0.12	81659	99.27
9	57	0.07	81716	99.34
10	42	0.05	81758	99.39
11	94	0.11	81852	99.50
12	58	0.07	81910	99.57
13	72	0.09	81982	99.66
14	107	0.13	82089	99.79
15	73	0.09	82162	99.88
16	48	0.06	82210	99.94
17	50	0.06	82260	100.00

AHRST08	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81823	99.47	81823	99.47
1	437	0.53	82260	100.00

ECOMPT03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	79546	96.70	79546	96.70
1	2114	2.57	81660	99.27
2	600	0.73	82260	100.00

ACOMPT03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81792	99.43	81792	99.43
1	468	0.57	82260	100.00

EHCT03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	79546	96.70	79546	96.70
1	843	1.02	80389	97.73
2	1871	2.27	82260	100.00

AHCT03	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81720	99.34	81720	99.34
1	540	0.66	82260	100.00

THRST09	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81417	98.98	81417	98.98
1	50	0.06	81467	99.04
2	83	0.10	81550	99.14
3	48	0.06	81598	99.20
4	44	0.05	81642	99.25
5	31	0.04	81673	99.29
6	36	0.04	81709	99.33
7	80	0.10	81789	99.43
8	58	0.07	81847	99.50
9	66	0.08	81913	99.58
10	69	0.08	81982	99.66
11	49	0.06	82031	99.72
12	91	0.11	82122	99.83
13	56	0.07	82178	99.90
14	27	0.03	82205	99.93
15	55	0.07	82260	100.00

AHRST09	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81911	99.58	81911	99.58
1	349	0.42	82260	100.00

ERELT04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81610	99.21	81610	99.21
1	2	0.00	81612	99.21
2	3	0.00	81615	99.22
3	70	0.09	81685	99.30
4	19	0.02	81704	99.32
5	95	0.12	81799	99.44
6	35	0.04	81834	99.48
7	123	0.15	81957	99.63
8	147	0.18	82104	99.81
9	156	0.19	82260	100.00

ARELT04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82104	99.81	82104	99.81
3	156	0.19	82260	100.00

TYRST04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81610	99.21	81610	99.21
0	147	0.18	81757	99.39
1	128	0.16	81885	99.54
2	80	0.10	81965	99.64
3	68	0.08	82033	99.72
4	38	0.05	82071	99.77
5	73	0.09	82144	99.86
6	41	0.05	82185	99.91
7	40	0.05	82225	99.96
8	35	0.04	82260	100.00

AYRST04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82086	99.79	82086	99.79
1	174	0.21	82260	100.00

ERESOF4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81610	99.21	81610	99.21
1	568	0.69	82178	99.90
2	64	0.08	82242	99.98
3	18	0.02	82260	100.00

ARESOF4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82101	99.81	82101	99.81
1	159	0.19	82260	100.00

EADLT04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81610	99.21	81610	99.21
1	127	0.15	81737	99.36
2	523	0.64	82260	100.00

AADLT04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82101	99.81	82101	99.81
1	159	0.19	82260	100.00

EMEDT04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81610	99.21	81610	99.21
1	158	0.19	81768	99.40
2	492	0.60	82260	100.00

AMEDT04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82101	99.81	82101	99.81
1	159	0.19	82260	100.00

EMNYT04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81610	99.21	81610	99.21
1	241	0.29	81851	99.50
2	409	0.50	82260	100.00

AMNYT04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82101	99.81	82101	99.81
1	159	0.19	82260	100.00

EOUTT04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81610	99.21	81610	99.21
1	398	0.48	82008	99.69
2	252	0.31	82260	100.00

AOUTT04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82102	99.81	82102	99.81
1	158	0.19	82260	100.00

EOTHLP04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81610	99.21	81610	99.21
1	305	0.37	81915	99.58
2	345	0.42	82260	100.00

AOTHLP04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82102	99.81	82102	99.81
1	158	0.19	82260	100.00

THRST10	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81610	99.21	81610	99.21
1	132	0.16	81742	99.37
2	129	0.16	81871	99.53
3	51	0.06	81922	99.59
4	47	0.06	81969	99.65
5	69	0.08	82038	99.73
6	21	0.03	82059	99.76
7	36	0.04	82095	99.80
8	65	0.08	82160	99.88
9	24	0.03	82184	99.91
10	55	0.07	82239	99.97
11	21	0.03	82260	100.00

AHRST10	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82082	99.78	82082	99.78
1	178	0.22	82260	100.00

EOPT04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81610	99.21	81610	99.21
1	237	0.29	81847	99.50
2	413	0.50	82260	100.00

AOPT04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82088	99.79	82088	99.79
1	172	0.21	82260	100.00

THRST11	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	82023	99.71	82023	99.71
1	33	0.04	82056	99.75
2	29	0.04	82085	99.79
3	17	0.02	82102	99.81
4	16	0.02	82118	99.83
5	12	0.01	82130	99.84
6	8	0.01	82138	99.85
7	16	0.02	82154	99.87
8	23	0.03	82177	99.90
9	26	0.03	82203	99.93
10	21	0.03	82224	99.96
11	11	0.01	82235	99.97
12	14	0.02	82249	99.99
13	11	0.01	82260	100.00

AHRST11	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82154	99.87	82154	99.87
1	106	0.13	82260	100.00

ECOMPT04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81610	99.21	81610	99.21
1	456	0.55	82066	99.76
2	194	0.24	82260	100.00

ACOMPT04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82094	99.80	82094	99.80
1	166	0.20	82260	100.00

EHCT04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81610	99.21	81610	99.21
1	154	0.19	81764	99.40
2	496	0.60	82260	100.00

AHCT04	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82076	99.78	82076	99.78
1	184	0.22	82260	100.00

THRST12	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	82106	99.81	82106	99.81
1	8	0.01	82114	99.82
2	10	0.01	82124	99.83
3	9	0.01	82133	99.85
4	12	0.01	82145	99.86
5	21	0.03	82166	99.89
6	24	0.03	82190	99.91
7	14	0.02	82204	99.93
8	8	0.01	82212	99.94
9	7	0.01	82219	99.95
10	15	0.02	82234	99.97
11	17	0.02	82251	99.99
12	9	0.01	82260	100.00

AHRST12	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82181	99.90	82181	99.90
1	79	0.10	82260	100.00

EAWBUNV	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	82260	100.00	82260	100.00

RADWASH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	72710	88.39	72710	88.39
2	4754	5.78	77464	94.17
3	4796	5.83	82260	100.00

AADWASH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	76444	92.93	76444	92.93
1	5816	7.07	82260	100.00

RADDRYR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	71041	86.36	71041	86.36
2	4785	5.82	75826	92.18
3	6434	7.82	82260	100.00

AADDRYR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	76435	92.92	76435	92.92
1	5825	7.08	82260	100.00

EADDISH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	57501	69.90	57501	69.90
2	24759	30.10	82260	100.00

AADDISH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	76365	92.83	76365	92.83
1	5895	7.17	82260	100.00

EADREFR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	81722	99.35	81722	99.35
2	538	0.65	82260	100.00

AADREFR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	76516	93.02	76516	93.02
1	5744	6.98	82260	100.00

EADFRZ	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	33813	41.11	33813	41.11
2	48447	58.89	82260	100.00

AADFRZ	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	76215	92.65	76215	92.65
1	6045	7.35	82260	100.00

EADTELV	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	81035	98.51	81035	98.51
2	1225	1.49	82260	100.00

AADTELV	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	76482	92.98	76482	92.98
1	5778	7.02	82260	100.00

EADSTOV	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	81278	98.81	81278	98.81
2	982	1.19	82260	100.00

AADSTOV	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	76489	92.98	76489	92.98
1	5771	7.02	82260	100.00

EADMICR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	80075	97.34	80075	97.34
2	2185	2.66	82260	100.00

AADMICR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	76410	92.89	76410	92.89
1	5850	7.11	82260	100.00

EADVCR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	76088	92.50	76088	92.50
2	6172	7.50	82260	100.00

AADVCR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	76334	92.80	76334	92.80
1	5926	7.20	82260	100.00

EADAIR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	73354	89.17	73354	89.17
2	8906	10.83	82260	100.00

AADAIR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	76356	92.82	76356	92.82
1	5904	7.18	82260	100.00

EADCOMP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	66844	81.26	66844	81.26
2	15416	18.74	82260	100.00

AADCOMP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	76262	92.71	76262	92.71
1	5998	7.29	82260	100.00

EADCELL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	74760	90.88	74760	90.88
2	7500	9.12	82260	100.00

AADCELL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	76635	93.16	76635	93.16
1	5625	6.84	82260	100.00

RADPHON	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	59578	72.43	59578	72.43
2	137	0.17	59715	72.59
3	6960	8.46	66675	81.05
4	25	0.03	66700	81.08
5	15560	18.92	82260	100.00

AADPHON	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	76873	93.45	76873	93.45
1	5387	6.55	82260	100.00

TAHROOM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	367	0.45	367	0.45
2	1088	1.32	1455	1.77
3	4125	5.01	5580	6.78
4	10886	13.23	16466	20.02
5	17488	21.26	33954	41.28
6	17192	20.90	51146	62.18
7	12340	15.00	63486	77.18
8	9228	11.22	72714	88.40
9	9546	11.60	82260	100.00

AAHROOM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	74696	90.80	74696	90.80
1	7564	9.20	82260	100.00

EAHPEST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	7930	9.64	7930	9.64
2	74330	90.36	82260	100.00

EAHLEAK	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	4329	5.26	4329	5.26
2	77931	94.74	82260	100.00

EAHWIND	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	3029	3.68	3029	3.68
2	79231	96.32	82260	100.00

EAHWIRE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	616	0.75	616	0.75
2	81644	99.25	82260	100.00

EAHPLUM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	1889	2.30	1889	2.30
2	80371	97.70	82260	100.00

EAHCRAC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	2827	3.44	2827	3.44
2	79433	96.56	82260	100.00

EAHHOLE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	730	0.89	730	0.89
2	81530	99.11	82260	100.00

AAHOUSE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	76004	92.39	76004	92.39
1	6256	7.61	82260	100.00

EAHREPR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	51696	62.84	51696	62.84
2	25076	30.48	76772	93.33
3	4039	4.91	80811	98.24
4	1349	1.64	82160	99.88
5	100	0.12	82260	100.00

AAHREPR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75448	91.72	75448	91.72
1	6812	8.28	82260	100.00

EAHSPAC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	53480	65.01	53480	65.01
2	22596	27.47	76076	92.48
3	4501	5.47	80577	97.95
4	1626	1.98	82203	99.93
5	57	0.07	82260	100.00

AAHSPAC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75434	91.70	75434	91.70
1	6826	8.30	82260	100.00

EAHFURN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	53723	65.31	53723	65.31
2	24873	30.24	78596	95.55
3	2876	3.50	81472	99.04
4	721	0.88	82193	99.92
5	67	0.08	82260	100.00

AAHFURN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75397	91.66	75397	91.66
1	6863	8.34	82260	100.00

EAHWARM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	57882	70.36	57882	70.36
2	18752	22.80	76634	93.16
3	3091	3.76	79725	96.92
4	1510	1.84	81235	98.75
5	1025	1.25	82260	100.00

AAHWARM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75252	91.48	75252	91.48
1	7008	8.52	82260	100.00

EAHCOOL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	54386	66.11	54386	66.11
2	21656	26.33	76042	92.44
3	3738	4.54	79780	96.99
4	1962	2.39	81742	99.37
5	518	0.63	82260	100.00

AAHCOOL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75326	91.57	75326	91.57
1	6934	8.43	82260	100.00

EAHPRIV	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	58701	71.36	58701	71.36
2	19542	23.76	78243	95.12
3	2651	3.22	80894	98.34
4	1275	1.55	82169	99.89
5	91	0.11	82260	100.00

AAHPRIV	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75375	91.63	75375	91.63
1	6885	8.37	82260	100.00

EAHSAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	55910	67.97	55910	67.97
2	23333	28.36	79243	96.33
3	2394	2.91	81637	99.24
4	623	0.76	82260	100.00

AAHSAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75534	91.82	75534	91.82
1	6726	8.18	82260	100.00

RAHMOVE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	5329	6.48	5329	6.48
2	76931	93.52	82260	100.00

AAHMOVE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	24481	29.76	24481	29.76
1	2035	2.47	26516	32.23
3	55744	67.77	82260	100.00

EACWALK	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	16512	20.07	16512	20.07
2	65748	79.93	82260	100.00

AACWALK	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75405	91.67	75405	91.67
1	6855	8.33	82260	100.00

EACSTAY	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	8506	10.34	8506	10.34
2	73754	89.66	82260	100.00

AACSTAY	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75385	91.64	75385	91.64
1	6875	8.36	82260	100.00

EACWITH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	7382	8.97	7382	8.97
2	74878	91.03	82260	100.00

AACWITH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75357	91.61	75357	91.61
1	6903	8.39	82260	100.00

EACARRY	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	5096	6.19	5096	6.19
2	77164	93.81	82260	100.00

AACARRY	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75337	91.58	75337	91.58
1	6923	8.42	82260	100.00

EACNSAF	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	48768	59.29	48768	59.29
2	27776	33.77	76544	93.05
3	4687	5.70	81231	98.75
4	1029	1.25	82260	100.00

AACNSAF	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75404	91.67	75404	91.67
1	6856	8.33	82260	100.00

EACHSAF	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	57372	69.74	57372	69.74
2	22600	27.47	79972	97.22
3	1911	2.32	81883	99.54
4	377	0.46	82260	100.00

AACHSAF	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75407	91.67	75407	91.67
1	6853	8.33	82260	100.00

RACWDOG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	7946	9.66	7946	9.66
2	24896	30.27	32842	39.92
3	49418	60.08	82260	100.00

AACWDOG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75239	91.46	75239	91.46
1	7021	8.54	82260	100.00

EACALRM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	23969	29.14	23969	29.14
2	58291	70.86	82260	100.00

AACALRM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	74904	91.06	74904	91.06
1	7356	8.94	82260	100.00

RACMOVE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	3541	4.30	3541	4.30
2	78719	95.70	82260	100.00

AACMOVE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	32535	39.55	32535	39.55
1	3100	3.77	35635	43.32
3	46625	56.68	82260	100.00

EANTRAF	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	11418	13.88	11418	13.88
2	70842	86.12	82260	100.00

EANSTRT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	11720	14.25	11720	14.25
2	70540	85.75	82260	100.00

EANTRSH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	5766	7.01	5766	7.01
2	76494	92.99	82260	100.00

EANABAN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	6779	8.24	6779	8.24
2	75481	91.76	82260	100.00

EANIND	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	3772	4.59	3772	4.59
2	78488	95.41	82260	100.00

EANODOR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	2718	3.30	2718	3.30
2	79542	96.70	82260	100.00

AANCOND	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75505	91.79	75505	91.79
1	6755	8.21	82260	100.00

EANGHBR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	54857	66.69	54857	66.69
2	23887	29.04	78744	95.73
3	2546	3.10	81290	98.82
4	970	1.18	82260	100.00

AANGHBR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	74543	90.62	74543	90.62
1	7717	9.38	82260	100.00

EANSAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	54802	66.62	54802	66.62
2	23897	29.05	78699	95.67
3	2750	3.34	81449	99.01
4	811	0.99	82260	100.00

AANSAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75137	91.34	75137	91.34
1	7123	8.66	82260	100.00

RANMOVE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	4304	5.23	4304	5.23
2	77956	94.77	82260	100.00

AANMOVE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	25349	30.82	25349	30.82
1	2303	2.80	27652	33.62
3	54608	66.38	82260	100.00

EAPSCHL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	39310	47.79	39310	47.79
1	26384	32.07	65694	79.86
2	12253	14.90	77947	94.76
3	2387	2.90	80334	97.66
4	1926	2.34	82260	100.00

AAPSCHL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	76134	92.55	76134	92.55
1	6126	7.45	82260	100.00

EAPPRIV	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	39310	47.79	39310	47.79
1	3519	4.28	42829	52.07
2	39431	47.93	82260	100.00

AAPPRIV	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	78308	95.20	78308	95.20
1	3952	4.80	82260	100.00

EAPMAGN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	39310	47.79	39310	47.79
1	2841	3.45	42151	51.24
2	40109	48.76	82260	100.00

AAPMAGN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	78309	95.20	78309	95.20
1	3951	4.80	82260	100.00

EAPPUBS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	39310	47.79	39310	47.79
1	30642	37.25	69952	85.04
2	12308	14.96	82260	100.00

AAPPUBS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	78326	95.22	78326	95.22
1	3934	4.78	82260	100.00

EAPHOMS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	39310	47.79	39310	47.79
1	1123	1.37	40433	49.15
2	41827	50.85	82260	100.00

AAPHOMS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	78321	95.21	78321	95.21
1	3939	4.79	82260	100.00

EAPNOSC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	39310	47.79	39310	47.79
1	4377	5.32	43687	53.11
2	38573	46.89	82260	100.00

AAPNOSC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	78328	95.22	78328	95.22
1	3932	4.78	82260	100.00

EAPDIFF	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	45847	55.73	45847	55.73
1	5147	6.26	50994	61.99
2	31266	38.01	82260	100.00

AAPDIFF	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	78740	95.72	78740	95.72
1	3520	4.28	82260	100.00

EAPHOSP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	55060	66.93	55060	66.93
2	20783	25.27	75843	92.20
3	3221	3.92	79064	96.11
4	1984	2.41	81048	98.53
5	1212	1.47	82260	100.00

AAPHOSP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	74018	89.98	74018	89.98
1	8242	10.02	82260	100.00

EAPOLIC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	56929	69.21	56929	69.21
2	20206	24.56	77135	93.77
3	2537	3.08	79672	96.85
4	1502	1.83	81174	98.68
5	1086	1.32	82260	100.00

AAPOLIC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	74055	90.03	74055	90.03
1	8205	9.97	82260	100.00

EAPFIRE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	63478	77.17	63478	77.17
2	16147	19.63	79625	96.80
3	801	0.97	80426	97.77
4	356	0.43	80782	98.20
5	1478	1.80	82260	100.00

AAPFIRE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	73682	89.57	73682	89.57
1	8578	10.43	82260	100.00

EAPTRAN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	27240	33.11	27240	33.11
2	15813	19.22	43053	52.34
3	39207	47.66	82260	100.00

AAPTRAN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	74916	91.07	74916	91.07
1	7344	8.93	82260	100.00

EAPSAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	53786	65.39	53786	65.39
2	24958	30.34	78744	95.73
3	2332	2.83	81076	98.56
4	1184	1.44	82260	100.00

AAPSAT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	73548	89.41	73548	89.41
1	8712	10.59	82260	100.00

RAPMOVE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	1427	1.73	1427	1.73
2	80833	98.27	82260	100.00

AAPMOVE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	26882	32.68	26882	32.68
1	2462	2.99	29344	35.67
3	52916	64.33	82260	100.00

EABMEET	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	14439	17.55	14439	17.55
2	67821	82.45	82260	100.00

AABMEET	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75080	91.27	75080	91.27
1	7180	8.73	82260	100.00

EABRENT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	7566	9.20	7566	9.20
2	74694	90.80	82260	100.00

AABRENT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75022	91.20	75022	91.20
1	7238	8.80	82260	100.00

RABRHLP1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	74694	90.80	74694	90.80
1	1127	1.37	75821	92.17
2	821	1.00	76642	93.17
3	5618	6.83	82260	100.00

RABRHLP2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	74694	90.80	74694	90.80
1	281	0.34	74975	91.14
2	1667	2.03	76642	93.17
3	5618	6.83	82260	100.00

RABRHLP3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	74694	90.80	74694	90.80
1	230	0.28	74924	91.08
2	1718	2.09	76642	93.17
3	5618	6.83	82260	100.00

RABRHLP4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	74694	90.80	74694	90.80
1	271	0.33	74965	91.13
2	1677	2.04	76642	93.17
3	5618	6.83	82260	100.00

RABRHLP5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	74694	90.80	74694	90.80
1	293	0.36	74987	91.16
2	1655	2.01	76642	93.17
3	5618	6.83	82260	100.00

AABRHLP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81619	99.22	81619	99.22
1	641	0.78	82260	100.00

EABEVCT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	74694	90.80	74694	90.80
1	435	0.53	75129	91.33
2	7131	8.67	82260	100.00

AABEVCT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81634	99.24	81634	99.24
1	626	0.76	82260	100.00

RABEHLP1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81825	99.47	81825	99.47
1	95	0.12	81920	99.59
2	40	0.05	81960	99.64
3	300	0.36	82260	100.00

RABEHLP2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81825	99.47	81825	99.47
1	25	0.03	81850	99.50
2	110	0.13	81960	99.64
3	300	0.36	82260	100.00

RABEHLP3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81825	99.47	81825	99.47
1	19	0.02	81844	99.49
2	116	0.14	81960	99.64
3	300	0.36	82260	100.00

RABEHLP4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81825	99.47	81825	99.47
1	23	0.03	81848	99.50
2	112	0.14	81960	99.64
3	300	0.36	82260	100.00

RABEHLP5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	81825	99.47	81825	99.47
2	135	0.16	81960	99.64
3	300	0.36	82260	100.00

AABEHLP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82228	99.96	82228	99.96
1	32	0.04	82260	100.00

EABGAS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	9873	12.00	9873	12.00
2	72387	88.00	82260	100.00

AABGAS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	74980	91.15	74980	91.15
1	7280	8.85	82260	100.00

RABGHLP1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	72387	88.00	72387	88.00
1	961	1.17	73348	89.17
2	1713	2.08	75061	91.25
3	7199	8.75	82260	100.00

RABGHLP2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	72387	88.00	72387	88.00
1	233	0.28	72620	88.28
2	2441	2.97	75061	91.25
3	7199	8.75	82260	100.00

RABGHLP3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	72387	88.00	72387	88.00
1	883	1.07	73270	89.07
2	1791	2.18	75061	91.25
3	7199	8.75	82260	100.00

RABGHLP4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	72387	88.00	72387	88.00
1	460	0.56	72847	88.56
2	2214	2.69	75061	91.25
3	7199	8.75	82260	100.00

RABGHLP5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	72387	88.00	72387	88.00
1	387	0.47	72774	88.47
2	2287	2.78	75061	91.25
3	7199	8.75	82260	100.00

AABGHLP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81450	99.02	81450	99.02
1	810	0.98	82260	100.00

EABCUT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	72387	88.00	72387	88.00
1	1673	2.03	74060	90.03
2	8200	9.97	82260	100.00

AABCUT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81475	99.05	81475	99.05
1	785	0.95	82260	100.00

RABCHLP1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	80587	97.97	80587	97.97
1	227	0.28	80814	98.24
2	320	0.39	81134	98.63
3	1126	1.37	82260	100.00

RABCHLP2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	80587	97.97	80587	97.97
1	54	0.07	80641	98.03
2	493	0.60	81134	98.63
3	1126	1.37	82260	100.00

RABCHLP3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	80587	97.97	80587	97.97
1	177	0.22	80764	98.18
2	370	0.45	81134	98.63
3	1126	1.37	82260	100.00

RABCHLP4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	80587	97.97	80587	97.97
1	85	0.10	80672	98.07
2	462	0.56	81134	98.63
3	1126	1.37	82260	100.00

RABCHLP5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	80587	97.97	80587	97.97
1	51	0.06	80638	98.03
2	496	0.60	81134	98.63
3	1126	1.37	82260	100.00

AABCHLP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	82110	99.82	82110	99.82
1	150	0.18	82260	100.00

EABPHON	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	3637	4.42	3637	4.42
2	78623	95.58	82260	100.00

AABPHON	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75037	91.22	75037	91.22
1	7223	8.78	82260	100.00

RABPHLP1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	78623	95.58	78623	95.58
1	301	0.37	78924	95.94
2	96	0.12	79020	96.06
3	3240	3.94	82260	100.00

RABPHLP2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	78623	95.58	78623	95.58
1	67	0.08	78690	95.66
2	330	0.40	79020	96.06
3	3240	3.94	82260	100.00

RABPHLP3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	78623	95.58	78623	95.58
1	26	0.03	78649	95.61
2	371	0.45	79020	96.06
3	3240	3.94	82260	100.00

RABPHLP4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	78623	95.58	78623	95.58
1	19	0.02	78642	95.60
2	378	0.46	79020	96.06
3	3240	3.94	82260	100.00

RABPHLP5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	78623	95.58	78623	95.58
1	20	0.02	78643	95.60
2	377	0.46	79020	96.06
3	3240	3.94	82260	100.00

AABPHLP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81967	99.64	81967	99.64
1	293	0.36	82260	100.00

EABDOCT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	6994	8.50	6994	8.50
2	75266	91.50	82260	100.00

AABDOCT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75008	91.18	75008	91.18
1	7252	8.82	82260	100.00

RABDHLP1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	75266	91.50	75266	91.50
1	300	0.36	75566	91.86
2	372	0.45	75938	92.31
3	6322	7.69	82260	100.00

RABDHLP2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	75266	91.50	75266	91.50
1	110	0.13	75376	91.63
2	562	0.68	75938	92.31
3	6322	7.69	82260	100.00

RABDHLP3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	75266	91.50	75266	91.50
1	116	0.14	75382	91.64
2	556	0.68	75938	92.31
3	6322	7.69	82260	100.00

RABDHLP4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	75266	91.50	75266	91.50
1	63	0.08	75329	91.57
2	609	0.74	75938	92.31
3	6322	7.69	82260	100.00

RABDHLP5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	75266	91.50	75266	91.50
1	141	0.17	75407	91.67
2	531	0.65	75938	92.31
3	6322	7.69	82260	100.00

AABDHLP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81683	99.30	81683	99.30
1	577	0.70	82260	100.00

EABDENT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	8930	10.86	8930	10.86
2	73330	89.14	82260	100.00

AABDENT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	74953	91.12	74953	91.12
1	7307	8.88	82260	100.00

RABTHLP1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	73330	89.14	73330	89.14
1	219	0.27	73549	89.41
2	204	0.25	73753	89.66
3	8507	10.34	82260	100.00

RABTHLP2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	73330	89.14	73330	89.14
1	44	0.05	73374	89.20
2	379	0.46	73753	89.66
3	8507	10.34	82260	100.00

RABTHLP3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	73330	89.14	73330	89.14
1	85	0.10	73415	89.25
2	338	0.41	73753	89.66
3	8507	10.34	82260	100.00

RABTHLP4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	73330	89.14	73330	89.14
1	36	0.04	73366	89.19
2	387	0.47	73753	89.66
3	8507	10.34	82260	100.00

RABTHLP5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	73330	89.14	73330	89.14
1	77	0.09	73407	89.24
2	346	0.42	73753	89.66
3	8507	10.34	82260	100.00

AABTHLP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81506	99.08	81506	99.08
1	754	0.92	82260	100.00

EAHLPFM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	36851	44.80	36851	44.80
2	22697	27.59	59548	72.39
3	11796	14.34	71344	86.73
4	10916	13.27	82260	100.00

AAHLPFM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	73781	89.69	73781	89.69
1	8479	10.31	82260	100.00

EAHLPFR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	27041	32.87	27041	32.87
2	29512	35.88	56553	68.75
3	16955	20.61	73508	89.36
4	8752	10.64	82260	100.00

AAHLPFR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	73596	89.47	73596	89.47
1	8664	10.53	82260	100.00

EAHLPAG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	16348	19.87	16348	19.87
2	18059	21.95	34407	41.83
3	22308	27.12	56715	68.95
4	25545	31.05	82260	100.00

AAHLPAG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	71310	86.69	71310	86.69
1	10950	13.31	82260	100.00

EAFOOD1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	65413	79.52	65413	79.52
2	14316	17.40	79729	96.92
3	2101	2.55	81830	99.48
4	430	0.52	82260	100.00

AAFOOD1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	75066	91.25	75066	91.25
1	7194	8.75	82260	100.00

EAFDM1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	79729	96.92	79729	96.92
1	1468	1.78	81197	98.71
2	1063	1.29	82260	100.00

EAFDM2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	79729	96.92	79729	96.92
1	1403	1.71	81132	98.63
2	1128	1.37	82260	100.00

EAFDM3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	79729	96.92	79729	96.92
1	1573	1.91	81302	98.84
2	958	1.16	82260	100.00

EAFDM4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	79729	96.92	79729	96.92
1	1603	1.95	81332	98.87
2	928	1.13	82260	100.00

EAFDM5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	79729	96.92	79729	96.92
1	1276	1.55	81005	98.47
2	1255	1.53	82260	100.00

AAFDM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81923	99.59	81923	99.59
1	337	0.41	82260	100.00

EAFLAST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	2788	3.39	2788	3.39
2	9552	11.61	12340	15.00
3	69920	85.00	82260	100.00

AAFLAST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	74972	91.14	74972	91.14
1	7288	8.86	82260	100.00

EAFBALN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	2396	2.91	2396	2.91
2	8832	10.74	11228	13.65
3	71032	86.35	82260	100.00

AAFBALN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	74940	91.10	74940	91.10
1	7320	8.90	82260	100.00

EAFCHLD	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	73132	88.90	73132	88.90
1	404	0.49	73536	89.39
2	2145	2.61	75681	92.00
3	6579	8.00	82260	100.00

AAFCHLD	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81485	99.06	81485	99.06
1	775	0.94	82260	100.00

EAFSKIP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	67444	81.99	67444	81.99
1	5037	6.12	72481	88.11
2	9779	11.89	82260	100.00

AAFSKIP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81065	98.55	81065	98.55
1	1195	1.45	82260	100.00

EAFLESS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	67444	81.99	67444	81.99
1	5350	6.50	72794	88.49
2	9466	11.51	82260	100.00

AAFLESS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81059	98.54	81059	98.54
1	1201	1.46	82260	100.00

EAFDAY	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-1	75096	91.29	75096	91.29
1	1350	1.64	76446	92.93
2	5814	7.07	82260	100.00

AAFDAY	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81673	99.29	81673	99.29
1	587	0.71	82260	100.00

WAVE 9 TOPICAL MODULE UNIVARIATES

The UNIVARIATE Procedure
Variable: LGTKEY

Moments

N	82260	Sum Weights	82260
Mean	33014893.3	Sum Observations	2.71581E12
Std Deviation	18903614.3	Variance	3.57347E14
Skewness	-0.0071914	Kurtosis	-1.1934943
Uncorrected SS	1.19057E20	Corrected SS	2.9395E19
Coeff Variation	57.2578386	Std Error Mean	65909.8762

Basic Statistical Measures

Location		Variability	
Mean	33014893	Std Deviation	18903614
Median	32985004	Variance	3.57347E14
Mode	.	Range	65519010
		Interquartile Range	32552501

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	500.9097	Pr > |t|	<.0001
Sign	M	41130	Pr >= |M|	<.0001
Signed Rank	S	1.6917E9	Pr >= |S|	<.0001

Quantiles (Definition 5)

Quantile	Estimate
100% Max	65520011
99%	64881001
95%	62266002
90%	59337501
75% Q3	49450003
50% Median	32985004
25% Q1	16897502
10%	6591005
5%	3374501
1%	708001
0% Min	1001

Extreme Observations

----Lowest----		------Highest-----	
Value	Obs	Value	Obs
1001	18086	65520007	10280
1002	18087	65520008	10281
1003	18088	65520009	10282
2001	17920	65520010	10283
2002	17921	65520011	10284

The UNIVARIATE Procedure
Variable: EHHM1

Moments

N	82260	Sum Weights	82260
Mean	27.2914661	Sum Observations	2244996
Std Deviation	504.282373	Variance	254300.712
Skewness	19.6495241	Kurtosis	385.494165
Uncorrected SS	2.09798E10	Corrected SS	2.09185E10
Coeff Variation	1847.76579	Std Error Mean	1.75824518

Basic Statistical Measures

Location		Variability	
Mean	27.29147	Std Deviation	504.28237
Median	-1.00000	Variance	254301
Mode	-1.00000	Range	10000
		Interquartile Range	0

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	15.52199	Pr > |t|	<.0001
Sign	M	-39495	Pr >= |M|	<.0001
Signed Rank	S	-1.559E9	Pr >= |S|	<.0001

Quantiles (Definition 5)

Quantile	Estimate
100% Max	9999
99%	102
95%	-1
90%	-1
75% Q3	-1
50% Median	-1
25% Q1	-1
10%	-1
5%	-1
1%	-1
0% Min	-1

Extreme Observations

----Lowest----		----Highest---	
Value	Obs	Value	Obs
-1	82260	9999	78968
-1	82259	9999	78969
-1	82258	9999	79074
-1	82257	9999	81312
-1	82256	9999	81319

The UNIVARIATE Procedure
Variable: EHHM2

Moments

N	82260	Sum Weights	82260
Mean	1.99550207	Sum Observations	164150
Std Deviation	164.033372	Variance	26906.947
Skewness	60.5702809	Kurtosis	3687.09015
Uncorrected SS	2213666118	Corrected SS	2213338556
Coeff Variation	8220.15544	Std Error Mean	0.57192339

Basic Statistical Measures

Location		Variability	
Mean	1.99550	Std Deviation	164.03337
Median	-1.00000	Variance	26907
Mode	-1.00000	Range	10000
		Interquartile Range	0

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	3.489107	Pr > |t|	0.0005
Sign	M	-41006	Pr >= |M|	<.0001
Signed Rank	S	-1.682E9	Pr >= |S|	<.0001

Quantiles (Definition 5)

Quantile	Estimate
100% Max	9999
99%	-1
95%	-1
90%	-1
75% Q3	-1
50% Median	-1
25% Q1	-1
10%	-1
5%	-1
1%	-1
0% Min	-1

Extreme Observations

----Lowest----		----Highest---	
Value	Obs	Value	Obs
-1	82260	9999	70828
-1	82259	9999	73157
-1	82258	9999	73287
-1	82257	9999	76242
-1	82256	9999	76548

APPENDIX A
QUESTIONNAIRE

Mark One Only **AW2_APT**

```
ASK ONLY IF NECESSARY

Is there more than one housing unit in this building?

     (1)  Yes
     (2)  No

      @
```

Multiple Entry **AW5_CNDUR**

```
SHOW FLASHCARD II
READ ANSWER CATEGORIES IF NECESSARY

Do you currently have the following items in your home, in
working condition?

     (1)  Yes     (2) No

      @1  (01)Washing machine
      @2  (02)Clothes dryer
      @3  (03)Dishwasher
      @4  (04)Refrigerator
      @5  (05)Stand-alone food freezer (separate from refrigerator)
      @6  (06)Color television
      @7  (07)Gas or electric stove (with or without oven)
      @8  (08)Microwave oven
      @9  (09)VCR or DVD (or other video recorder-player such as TiVo)
      @10 (10)Air conditioner (central or room)
      @11 (11)Personal computer
      @12 (12)Cellular phone or mobile phone
      @13 (13)Regular telephone
```

Mark One Only **AW6_CBLD1**

```
You didn't list a washing machine in your home.  Is there a
washing machine in your BUILDING provided for your use?

     (1)  Yes
     (2)  No

      @
```

Mark One Only **AW7_CBLD2**

```
You didn't list a dryer in your home.  Is there a dryer in your
BUILDING provided for your use?

     (1)  Yes
     (2)  No

      @
```

Mark One Only **AW8_CBLD13**

```
You didn't list a telephone in your home.  Is there a way for
people to reach you by telephone?

     (1)  Yes, neighbor's phone, common phone, pay phone
     (2)  Yes, cell phone
     (3)  Yes, other device
     (4)  No, cannot be reached by telephone

      @
```

Enter Number **AW9_ROOMS**

```
The next set of questions are about the quality of your
neighborhood, crime in your neighborhood, and the type of services
available to you.  First, I will ask about your home.

How many rooms are there in your home?  Count the kitchen but do
not count the bathrooms.

ACCEPTABLE RANGE IS 1-20
ENTER (20) TO INDICATE 20 OR MORE ROOMS

     @ (Number of rooms)
```

Multiple Entry **AW10_HOUSE1**

```
SHOW FLASHCARD JJ
READ ANSWER CATEGORIES IF NECESSARY

Are any of the following conditions present in your home?

ENTER ALL THAT APPLY/ENTER (N) FOR NO MORE
[fill AW10_1:b](1)  Problem with pests such as rats, mice, roaches,
      or other insects
[fill AW10_2:b](2)  A leaking roof or ceiling
[fill AW10_3:b](3)  Broken window glass or windows that can't shut
[fill AW10_4:b](4)  Exposed electrical wires in the finished areas
      of your home
[fill AW10_5:b](5)  A toilet, hot water heater, or other plumbing
      that doesn't work
[fill AW10_6:b](6)  Holes in the walls or ceiling, or cracks wider
      than the edge of a dime
[fill AW10_7:b](7)  Holes in the floor big enough for someone to
      catch their foot on
       @1
```

Enter Text **AW10_ERR**

```
"Don't Know and/or Refused" response not permitted with other answers
       ENTER (B) TO BACK UP
@
```

Multiple Entry **AW11_HOUSE2**

```
SHOW FLASHCARD KK

Now I'm going to ask you a few questions about your satisfaction
with certain aspects of your housing.

Are you very satisfied, somewhat satisfied, somewhat dissatisfied,
or very dissatisfied, with the following:

(1)  Very satisfied
(2)  Somewhat satisfied
(3)  Somewhat dissatisfied
(4)  Very dissatisfied
(5)  Haven't lived here long enough to know

     @1 (1) The general state of repair of your home
     @2 (2) The amount of room or space in your home
     @3 (3) The furnishings in your home
     @4 (4) The warmth of your home in winter
     @5 (5) The coolness of your home in summer
     @6 (6) The amount of privacy your home offers
```

Mark One Only **AW12_SATLV1**

```
SHOW FLASHCARD LL
READ ANSWER CATEGORIES IF NECESSARY

Overall, how satisfied are you with your home?

     (1)  Very satisfied
     (2)  Somewhat satisfied
     (3)  Somewhat dissatisfied
     (4)  Very dissatisfied

      @
```

Mark One Only **AW13_SATLV2**

```
Are conditions in your home undesirable enough that you would
like to move?

     (1)  Yes
     (2)  No

      @
```

Mark One Only **AW14_CRIME1**

```
The next few questions are about crime and
things you have done to protect yourself from crime.

Is there any area right around your home --- that is, within a
mile --- where you would be afraid to walk alone at night?

     (1)  Yes
     (2)  No

      @
```

Multiple Entry **AW15_CRIME2**

```
In the past month, have you done any of the following because you
thought you might be unsafe?

     (1)  Yes     (2)  No

      @1  (1)  Have you stayed in your home at certain times?
      @2  (2)  Have you taken someone with you or traveled with other
               people when going out into your neighborhood?
      @3  (3)  Have you carried anything to protect yourself?
```

Mark One Only **AW16_CRIME3**

```
Do you consider your neighborhood very safe from crime, somewhat
safe, somewhat unsafe, or very unsafe?

     (1)  Very safe
     (2)  Somewhat safe
     (3)  Somewhat unsafe
     (4)  Very unsafe

      @
```

Mark One Only **AW17_CRIME4**

```
How about your home?  Do you consider it very safe from crime,
somewhat safe, somewhat unsafe, or very unsafe?

     (1)  Very safe
     (2)  Somewhat safe
     (3)  Somewhat unsafe
     (4)  Very unsafe

      @
```

Mark One Only **AW18_CRIME5**

```
We are interested in finding out if people do anything in
particular to keep thieves or intruders out of their homes.

[fill TEMP2] [fill TEMP1] have a dog?

     (1)  Yes
     (2)  No

      @
```

Mark One Only **AW19_CRIME6**

```
When you got (this dog/these dogs), was it in part to keep your
home safe from thieves or intruders?

     (1)  Yes
     (2)  No

      @
```

Mark One Only **AW20_CRIME7**

```
[fill TEMP2] [fill TEMP1] have any special safety DEVICES such
as electric timers for lights, or an alarm system?

     (1)  Yes
     (2)  No

      @
```

Mark One Only **AW21_SATLV3**

```
Overall, is the threat of crime where you live undesirable enough
that you would like to move?

     (1)  Yes
     (2)  No

      @
```

Multiple Entry **AW22_NBRHD1**

```
Now I will ask some questions about general conditions in your
neighborhood.

SHOW FLASHCARD MM
READ ANSWER CATEGORIES IF NECESSARY

Do you think any of the following conditions are problems in
your neighborhood?

ENTER ALL THAT APPLY
ENTER (N) FOR NO MORE

 [fill AW22_1:b](1)  Street noise or heavy street traffic
 [fill AW22_2:b](2)  Streets in need of repair
 [fill AW22_3:b](3)  Trash, litter, or garbage in the streets and lots
 [fill AW22_4:b](4)  Rundown or abandoned houses or buildings
 [fill AW22_5:b](5)  Industries, businesses, or other
       non-residential activities
 [fill AW22_6:b](6)  Odors, smoke, or gas fumes
        @1
```

Enter Text **AW22_ERR**

```
"Don't Know and/or Refused" response not permitted with other answers
       ENTER (B) TO BACK UP
@
```

Mark One Only **AW23_NBRHD2**

```
SHOW FLASHCARD LL

How satisfied are you with your relationship with your neighbors?

Are you very satisfied, somewhat satisfied, somewhat dissatisfied,
or very dissatisfied?

    (1)  Very satisfied
    (2)  Somewhat satisfied
    (3)  Somewhat dissatisfied
    (4)  Very dissatisfied

     @
```

Mark One Only **AW24_SATLV4**

```
SHOW FLASHCARD LL

Overall, how satisfied are you with conditions in your neighborhood?

READ IF NECESSARY

     (1)  Very satisfied
     (2)  Somewhat satisfied
     (3)  Somewhat dissatisfied
     (4)  Very dissatisfied

      @
```

Mark One Only **AW25_SATLV5**

```
Is your neighborhood undesirable enough that you would like to move?

     (1)  Yes
     (2)  No

      @
```

Mark One Only **AW27_CS1**

```
SHOW FLASHCARD LL

How satisfied are you with the local public schools in your
neighborhood?

READ IF NECESSARY

     (1)  Very satisfied
     (2)  Somewhat satisfied
     (3)  Somewhat dissatisfied
     (4)  Very dissatisfied

      @
```

Multiple Entry **AW28_CS2**

```
SHOW FLASHCARD NN
READ ANSWER CATEGORIES IF NECESSARY

We are interested in schools from kindergarten through 12th grade.
Do any of the children in your household attend:

     (1)  Yes     (2)  No

      @1  (1)  Private school
      @2  (2)  Magnet, charter, or other public school apart from the
               assigned school
      @3  (3)  Assigned public school
      @4  (4)  Home school
      @5  (5)  Not in school or other arrangement
```

Mark One Only **AW29_CS3**

```
Would [fill TEMP1] prefer a different school for any
child in this home?

     (1)  Yes
     (2)  No

      @
```

Multiple Entry **AW30_CS4**

```
Are you very satisfied, somewhat satisfied, somewhat dissatisfied,
or very dissatisfied with each of the following services in your
neighborhood:

(1)  Very satisfied
(2)  Somewhat satisfied
(3)  Somewhat dissatisfied
(4)  Very dissatisfied
(5)  Haven't lived here long enough to know

     @1 (1)  Hospitals, health clinics, and doctors
     @2 (2)  Police services
     @3 (3)  Fire department services
```

Mark One Only **AW31_CS5**

```
Are the public transportation services available in your
neighborhood adequate for you?

     (1)  Yes
     (2)  No
     (3)  Not sure because you do not use public transportation

      @
```

Mark One Only **AW32_SATLV6**

```
SHOW FLASHCARD LL

Overall, how satisfied are you with the public services
in your neighborhood?

READ IF NECESSARY

     (1)  Very satisfied
     (2)  Somewhat satisfied
     (3)  Somewhat dissatisfied
     (4)  Very dissatisfied

      @
```

Mark One Only **AW33_SATLV7**

```
Are the public services undesirable enough that you would
like to move?

     (1)  Yes
     (2)  No

      @
```

Mark One Only **AW34_MEET**

```
Next are questions about difficulties people sometimes have in
meeting their essential household expenses for such things as
mortgage or rent payments, utility bills, or important medical
care.

During the past 12 months, has there been a time when
[fill TEMP1] did not meet all of your essential expenses?

     (1)  Yes
     (2)  No

      @
```

Mark One Only **AW35_NEED1**

```
The following are some of the specific difficulties people
experience with household expenses.

Was there any time in the past 12 months when [fill TEMP1]
did not pay the full amount of the rent or mortgage?

     (1)  Yes
     (2)  No

      @
```

Mark One Only **AW36_GETH1**

```
When [fill TEMP1] had this problem, did any person or
organization help?

     (1)  Yes
     (2)  No

      @
```

Multiple Entry **AW37_WHOH1**

```
ENTER ALL THAT APPLY
ENTER (N) FOR NO MORE

Who was that?

       [fill AW37_1:b](1)  A family member or relative
       [fill AW37_2:b](2)  A friend, neighbor or other non-relative
       [fill AW37_3:b](3)  A department of social services
       [fill AW37_4:b](4)  A church or nonprofit group
       [fill AW37_5:b](5)  Other
        @1
```

Enter Text **AW37_ERR**

```
"Don't Know and/or Refused" response not permitted with other answers
       ENTER (B) TO BACK UP
@
```

Mark One Only **AW38_NEED2**

```
In the past 12 months [fill TEMP1] [fill TEMP2]
evicted from your home or apartment for not paying the rent or
mortgage?

     (1)  Yes
     (2)  No

      @
```

Mark One Only **AW39_GETH2**

```
When [fill TEMP1] had this problem, did any person or
organization help?

     (1)  Yes
     (2)  No

      @
```

Multiple Entry **AW40_WHOH2**

```
ENTER ALL THAT APPLY
ENTER (N) FOR NO MORE

Who was that?

       [fill AW40_1:b](1)  A family member or relative
       [fill AW40_2:b](2)  A friend, neighbor or other non-relative
       [fill AW40_3:b](3)  A department of social services
       [fill AW40_4:b](4)  A church or nonprofit group
       [fill AW40_5:b](5)  Other
        @1
```

Enter Text **AW40_ERR**

```
"Don't Know and/or Refused" response not permitted with other answers
       ENTER (B) TO BACK UP
@
```

Mark One Only **AW41_NEED3**

```
How about not paying the full amount of the gas, oil, or
electricity bills?

Was there a time in the past 12 months when that happened to
[fill TEMP1]?

     (1)  Yes
     (2)  No

      @
```

Mark One Only **AW42_GETH3**

```
When [fill TEMP1] had this problem, did any person or
organization help?

     (1)  Yes
     (2)  No

      @
```

Multiple Entry **AW43_WHOH3**

```
ENTER ALL THAT APPLY
ENTER (N) FOR NO MORE

Who was that?

 [fill AW43_1:b](1)  A family member or relative
 [fill AW43_2:b](2)  A friend, neighbor or other non-relative
 [fill AW43_3:b](3)  A department of social services
 [fill AW43_4:b](4)  A church or nonprofit group
 [fill AW43_5:b](5)  Other

       @1
```

Enter Text **AW43_ERR**

```
"Don't Know and/or Refused" response not permitted with other answers
       ENTER (B) TO BACK UP
@
```

Mark One Only **AW44_NEED4**

```
In the past 12 months did the gas or electric company turn off
service, or the oil company not deliver oil?

     (1)  Yes
     (2)  No

      @
```

Mark One Only **AW45_GETH4**

```
When [fill TEMP1] had this problem, did any person or
organization help?

     (1)  Yes
     (2)  No

      @
```

Multiple Entry **AW46_WHOH4**

```
ENTER ALL THAT APPLY
ENTER (N) FOR NO MORE

Who was that?

 [fill AW46_1:b](1)  A family member or relative
 [fill AW46_2:b](2)  A friend, neighbor or other non-relative
 [fill AW46_3:b](3)  A department of social services
 [fill AW46_4:b](4)  A church or nonprofit group
 [fill AW46_5:b](5)  Other
       @1
```

Enter Text **AW46_ERR**

```
"Don't Know and/or Refused" response not permitted with other answers
       ENTER (B) TO BACK UP
@
```

Mark One Only **AW47_NEED5**

```
How about the telephone company disconnecting service because
payments were not made?

Was there a time in the past 12 months when that happened to
[fill TEMP1]?

     (1)  Yes
     (2)  No

      @
```

Mark One Only **AW48_GETH5**

```
When [fill TEMP1] had this problem, did any person or
organization help?

     (1)  Yes
     (2)  No

      @
```

Multiple Entry **AW49_WHOH5**

```
ENTER ALL THAT APPLY
ENTER (N) FOR NO MORE

Who was that?

 [fill AW49_1:b](1)  A family member or relative
 [fill AW49_2:b](2)  A friend, neighbor or other non-relative
 [fill AW49_3:b](3)  A department of social services
 [fill AW49_4:b](4)  A church or nonprofit group
 [fill AW49_5:b](5)  Other
       @1
```

Enter Text **AW49_ERR**

```
"Don't Know and/or Refused" response not permitted with other answers
       ENTER (B) TO BACK UP
@
```

Mark One Only **AW50_NEED6**

```
In the past 12 months was there a time [fill TEMP2] needed
to see a doctor or go to the hospital but did not go?

     (1)  Yes
     (2)  No

      @
```

Mark One Only **AW51_GETH6**

```
When [fill TEMP1] had this problem, did any person or
organization help?

     (1)  Yes
     (2)  No

      @
```

Multiple Entry **AW52_WHOH6**

```
ENTER ALL THAT APPLY
ENTER (N) FOR NO MORE

Who was that?

 [fill AW52_1:b](1)  A family member or relative
 [fill AW52_2:b](2)  A friend, neighbor or other non-relative
 [fill AW52_3:b](3)  A department of social services
 [fill AW52_4:b](4)  A church or nonprofit group
 [fill AW52_5:b](5)  Other
       @1
```

Enter Text **AW52_ERR**

```
"Don't Know and/or Refused" response not permitted with other answers
       ENTER (B) TO BACK UP
@
```

Mark One Only **AW53_NEED7**

```
In the past 12 months was there a time [fill TEMP2] needed
to see a dentist but did not go?

     (1)  Yes
     (2)  No

      @
```

Mark One Only **AW54_GETH7**

```
When [fill TEMP1] had this problem, did any person or
organization help?

     (1)  Yes
     (2)  No

      @
```

Multiple Entry **AW55_WHOH7**

```
ENTER ALL THAT APPLY
ENTER (N) FOR NO MORE

Who was that?

 [fill AW55_1:b](1)  A family member or relative
 [fill AW55_2:b](2)  A friend, neighbor or other non-relative
 [fill AW55_3:b](3)  A department of social services
 [fill AW55_4:b](4)  A church or nonprofit group
 [fill AW55_5:b](5)  Other
       @1
```

Enter Text **AW55_ERR**

```
"Don't Know and/or Refused" response not permitted with other answers
       ENTER (B) TO BACK UP
@
```

Mark One Only **AW56_HELP1**

SHOW FLASHCARD OO
READ ANSWER CATEGORIES IF NECESSARY

If [fill TEMP1] had a problem with which you needed help (for example, sickness or moving), how much help would you expect to get from family living nearby?

(1) All of the help needed
(2) Most of the help needed
(3) Very little of the help needed
(4) No help

@

Mark One Only **AW57_HELP2**

SHOW FLASHCARD OO
READ ANSWER CATEGORIES IF NECESSARY

If [fill TEMP1] had a problem with which you needed help

How much help would you expect to get from friends?

(1) All of the help needed
(2) Most of the help needed
(3) Very little of the help needed
(4) No help

@

Mark One Only **AW58_HELP3**

SHOW FLASHCARD OO
READ ANSWER CATEGORIES IF NECESSARY

If [fill TEMP1] had a problem with which you needed help

How much help would you expect to get from other people in the community besides family and friends, such as a social agency or a church?

(1) All of the help needed
(2) Most of the help needed
(3) Very little of the help needed
(4) No help

@

Mark One Only **AW59_FOOD1**

SHOW FLASHCARD PP

Getting enough food can also be a problem for some people. Which of these statements best describes the food eaten in your household in the last four months:

READ ANSWER CATEGORIES IF NECESSARY

(1) Enough of the kinds of food we want
(2) Enough but not always the kinds of food we want to eat
(3) Sometimes not enough to eat
(4) Often not enough to eat

@

Multiple Entry **AW60_FOOD2**

```
ENTER ALL THAT APPLY
ENTER (N) FOR NO MORE
In which of the last four months did [fill TEMP2]
NOT have enough to eat?

[fill AW60_1:b]  (1)  4 mos. ago [fill month1]
[fill AW60_2:b]  (2)  3 mos. ago [fill month2]
[fill AW60_3:b]  (3)  2 mos. ago [fill month3]
[fill AW60_4:b]  (4)  last month [fill month4]
[fill AW60_5:b]  (5)  current month [fill month5]
                  @1
```

Enter Text **AW60_ERR**

```
"Don't Know and/or Refused" response not permitted with other answers
       ENTER (B) TO BACK UP
@
```

Mark One Only **AW61_FOOD3**

```
I'm going to read you some statements that people have made
about their food situation.  For these statements, please
tell me whether it was OFTEN TRUE, SOMETIMES TRUE, or NEVER
TRUE for [fill TEMP2] in the last four months.

"The food that [fill TEMP3] bought just didn't last and
 [fill TEMP3] didn't have money to get more."

Was that often, sometimes or never true for [fill TEMP4]
in the last four months?

     (1)  Often true
     (2)  Sometimes true
     (3)  Never true

      @
```

Mark One Only **AW62_FOOD4**

```
The next statement is: "[fill TEMP3] couldn't afford to eat
balanced meals."

Was that often, sometimes or never true for [fill TEMP4]
in the last four months?

     (1)  Often true
     (2)  Sometimes true
     (3)  Never true

      @
```

Mark One Only **AW63_FOOD5**

```
The next statement is: "[fill TEMP1] not eating enough
because [fill TEMP3] couldn't afford enough food."

Was that often, sometimes or never true for [fill TEMP2] in
the last four months?

     (1)  Often true
     (2)  Sometimes true
     (3)  Never true

      @
```

Mark One Only **AW64_FOOD6**

The next questions refer to adults in the household.

In the past four months did [fill TEMP1]
ever cut the size of your meals or skip meals because there
wasn't enough money for food?

(1) Yes
(2) No

@

Mark One Only **AW65_FOOD7**

In the past four months, did [fill TEMP1] ever eat less than
you felt you should because there wasn't enough money to
buy food?

(1) Yes
(2) No

@

Mark One Only **AW66_FOOD8**

In the past four months, did [fill TEMP1] ever not eat for a
whole day because there wasn't enough money for food?

(1) Yes
(2) No

@

Mark One Only **HH01A**

```
There are situations in which people provide regular unpaid care or
assistance to a family member or friend who has a long-term
illness or a disability.

During the past month, did [fill TEMPNAME] provide any such care
or assistance to a family member or friend living here or living
elsewhere?
                                                                [r]H[n]
INCLUDE ONLY UNPAID CARE OR ASSISTANCE ACTIVITIES.  INCLUDE ONLY
THOSE ACTIVITIES MADE NECESSARY BY THE ILLNESS OR DISABILITY
OF THE RECIPIENT.

             (1)  Yes
             (2)  No
              @
```

Mark One Only **HH02**

```
Did [fill TEMPNAME] provide such care or assistance to someone
living here in the past month?

     (1)  Yes
     (2)  No

      @
```

Enter Number **HH03**

```
 During the past month, for how many persons living here did
 [fill TEMPNAME] provide care or assistance?

        @  Number
```

Multiple Entry **HH04**

```
  [if HH03 ge <3> or HH03 eq <D> or HH03 eq <R>]
     For which person(s) in this household did [fill TEMPNAME] provide
     regular unpaid care or assistance?  (Please list only the two
     persons for whom [fill TEMPNAME] provided the most assistance,
     or care in the past month.)
  [else]
     [if HH03 eq <1> or HH03 eq <2>]
        For which person(s) in this household did [fill TEMPNAME]
        provide regular unpaid care or assistance?
     [endif]
  [endif]


IF THERE IS ONLY ONE ENTRY, ENTER "N" AFTER THAT ENTRY.



          @1      @2
```

Mark One Only **HH05A**

What is [fill PTEMPNAME] relationship to [fill FAMILYNAM]?

(1) Spouse
(2) Partner
(3) Child
(4) Grandchild
(5) Parent
(6) Brother/sister
(7) Other relative
(8) Nonrelative

@

Enter Number **HH06A**

For how many years [fill HAVHAS] [fill TEMPNAME] provided care or assistance to [fill FAMILYNAM]?

ENTER "0" IF LESS THAN 1 YEAR.

@ Years

Multiple Entry **HH07A**

Now think about last month, what kind of care or assistance did [fill TEMPNAME] give to [fill FAMILYNAM]?
Did [fill HESHE]:

		(1) Yes	(2) No
a.	Help him/her dress, eat, bathe, or get to the bathroom?	@1	
b.	Help with medical needs such as taking medicines or changing bandages?	@2	
c.	Help him/her keep track of bills, checks, or other financial matters?	@3	
d.	Help by taking him/her shopping or to the doctor's office?	@4	
e.	Help in any other way? Specify	@5	

Enter Text **HH07A1**

Please specify "OTHER" care or assistance provided.

@

Enter Number **HH08A**

On average, how many hours a week did [fill TEMPNAME] usually spend providing care or assistance for [fill FAMILYNAM] in the past month?

@ Hours

Mark One Only **HH09A**

Did [fill FAMILYNAM] receive similar unpaid care or assistance from anyone other than you in the past month?

(1) Yes
(2) No

@

Enter Number **HH10A**

Think about the unpaid care and assistance provided by other person(s) in the past month, on average, how many hours per week did [fill FAMILYNAM] usually receive care or assistance?

@ Hours

Mark One Only **HH12A**

Sometimes people receive professional home health care services such as visits by nurses or therapists or home health aides. Did [fill FAMILYNAM] receive professional home health services in the past month?

(1) Yes
(2) No

@

Enter Number **HH12A1**

In terms of professional care or assistance from home health care services, how many hours per week did [fill FAMILYNAM] usually receive in the past month?

@ Hours

Mark One Only **HH05B**

What is [fill PTEMPNAME] relationship to [fill FAMILYNAM]?

(1) Spouse
(2) Partner
(3) Child
(4) Grandchild
(5) Parent
(6) Brother/sister
(7) Other relative
(8) Nonrelative

@

Enter Number **HH06B**

For how many years [fill HAVHAS] [fill TEMPNAME] provided care or assistance to [fill FAMILYNAM]?

ENTER "0" IF LESS THAN 1 YEAR.

@ Years

Multiple Entry **HH07B**

Now think about last month, what kind of care or assistance did [fill TEMPNAME] give to [fill FAMILYNAM]?
Did [fill HESHE]:

		(1) Yes	(2) No
a.	Help him/her dress, eat, bathe, or get to the bathroom?	@1	
b.	Help with medical needs such as taking medicines or changing bandages?	@2	
c.	Help him/her keep track of bills, checks, or other financial matters?	@3	
d.	Help by taking him/her shopping or to the doctor's office?	@4	
e.	Help in any other way? Specify	@5	

Enter Text **HH07B1**

Please specify "OTHER" care or assistance provided.

@

Enter Number **HH08B**

On average, how many hours a week did [fill TEMPNAME] usually spend providing care or assistance for [fill FAMILYNAM] in the past month?

@ Hours

Mark One Only **HH09B**

Did [fill FAMILYNAM] receive similar unpaid care or assistance from anyone other than you in the past month?

(1) Yes
(2) No

@

Enter Number **HH10B**

Think about the unpaid care and assistance provided by other person(s) in the past month, on average, how many hours per week did [fill FAMILYNAM] usually receive care or assistance?

@ Hours

Mark One Only **HH12B**

```
Sometimes people receive professional home health care services
such as visits by nurses or therapists or home health aides.  Did
[fill FAMILYNAM] receive professional home health care services
in the past month?


     (1)  Yes
     (2)  No

      @
```

Enter Number **HH12B1**

```
In terms of professional care or assistance from home health care
services, how many hours per week did [fill FAMILYNAM] usually
receive in the past month?

      @ Hours
```

Mark One Only **HH13**

```
During the past month, did [fill TEMPNAME] provide any unpaid care
or assistance to any persons who lived outside of [fill PTEMPNAME] home?

INCLUDE ONLY UNPAID CARE OR ASSISTANCE ACTIVITIES.  INCLUDE ONLY
THOSE ACTIVITIES MADE NECESSARY BY THE ILLNESS OR DISABILITY
OF THE RECIPIENT.
                                                              [r]H[n]
     (1)  Yes
     (2)  No

      @
```

Enter Number **HH14**

```
For how many persons living outside of [fill PTEMPNAME] home did
[fill TEMPNAME] provide care or assistance in the past month?

         @  Number
```

Multiple Entry **HH15**

```
    [if HH14 ge <3> or HH14 eq <D> or HH14 eq <R>]
       What [fill WASWERE] the name(s) of the person(s) outside
       [fill PTEMPNAME] home for whom you provided care or
       assistance?  (Please list only the two persons for whom
       [fill TEMPNAME] provided the most assistance in the past month).
    [else]
       [if HH14 eq <1> or HH14 eq <2>]
          What [fill WASWERE] the name(s) of the person(s) outside
          [fill PTEMPNAME] home for whom you provided care or
          assistance?
       [endif]

     [endif]


     IF THERE IS ONLY ONE ENTRY, ENTER "N" AFTER THAT ENTRY.

     1st Person's Name     @1

     2nd Person's Name     @2
```

Mark One Only **HH16A**

```
What is [fill PTEMPNAME] relationship to [fill OUTSIDNAM]?

     (1)  Spouse
     (2)  Partner
     (3)  Child
     (4)  Grandchild
     (5)  Parent
     (6)  Brother/sister
     (7)  Other relative
     (8)  Nonrelative

      @
```

Enter Number **HH17A**

```
For how many years [fill HAVHAS] [fill TEMPNAME] provided care or
assistance to [fill OUTSIDNAM]?

ENTER "0" IF LESS THAN 1 YEAR.

          @ Years
```

Mark One Only **HH18A**

```
In what type of residence did [fill OUTSIDNAM] live in the past month?
Was it in an ordinary residence, such as a house or apartment, or
was it some other type of care facility?

     (1)  House or apartment
     (2)  Care facility
     (3)  Other, specify

      @
```

Enter Text **HH18A1**

```
Please specify "OTHER" type of residence.

     @
```

Multiple Entry **HH19A**

```
What kind of assistance did [fill TEMPNAME] give to [fill OUTSIDNAM]?
Did [fill HESHE]:
                                    (1) Yes  (2) No
a.   Help him/her dress, eat, bathe, or
     get to the bathroom?                    @1

b.   Help with medical needs such as taking
     medicines or changing bandages?         @2

c.   Help him/her keep track of bills, checks,
     or other financial matters?             @3


d.   Help by taking him/her shopping or to
     the doctor's office?                    @4

e.   Help in any other way?  Specify         @5
```

Enter Text **HH19A1**

```
Please specify "OTHER" type of assistance.

@
```

Enter Number **HH20A**

```
On average, how many hours a week did [fill TEMPNAME]
usually spend providing care or assistance for [fill OUTSIDNAM]?

        @  Hours
```

Mark One Only **HH21A**

```
During the past month, did [fill OUTSIDNAM] receive similar unpaid
care or assistance from any other persons?

     (1)  Yes
     (2)  No

      @
```

Enter Number **HH21A1**

```
Think about the last month, how many hours per week of unpaid care
or assistance did [fill OUTSIDNAM] usually receive from that person?

      @ Hours
```

Mark One Only **HH22A**

```
During the past month, did [fill TEMPNAME] regularly spend time with
[fill OUTSIDNAM] in order to provide companionship and emotional support
because of his/her long-term illness or disability?

     (1)  Yes
     (2)  No

      @
```

Mark One Only **HH24A**

```
Sometimes people receive professional home health care services
such as visits by nurses or therapists or home health aides.  Did
[fill OUTSIDNAM] receive professional health care or assistance
during the past month?

     (1)  Yes
     (2)  No

     @
```

Enter Number **HH24A1**

```
In terms of professional care and assistance from home health care
services, how many hours per week did [fill OUTSIDNAM] usually
receive in the past month?

      @ Hours
```

Mark One Only **HH16B**

```
What is [fill PTEMPNAME] relationship to [fill OUTSIDNAM]?

     (1)  Spouse
     (2)  Partner
     (3)  Child
     (4)  Grandchild
     (5)  Parent
     (6)  Brother/sister
     (7)  Other relative
     (8)  Nonrelative

      @
```

Multiple Entry **HH17B**

```
For how long [fill HAVHAS] [fill TEMPNAME] provided care or
assistance to [fill OUTSIDNAM]?

          @2  Years
```

Mark One Only **HH18B**

```
In what type of residence did [fill OUTSIDNAM] live in the past
month?  Was it in an ordinary residence, such as a house or
apartment, or was it some other type of care facility?

     (1)  House or apartment
     (2)  Care facility
     (3)  Other, specify
      @
```

Enter Text **HH18B1**

```
Please specify "OTHER" type of residence.

     @
```

Multiple Entry **HH19B**

```
What kind of assistance did [fill TEMPNAME] give to [fill OUTSIDNAM][fill
HESHE]:
                              (1) Yes  (2) No
a.   Help him/her dress, eat, bathe, or
     get to the bathroom?                    @1

b.   Help with medical needs such as taking
     medicines or changing bandages?         @2

c.   Help him/her keep track of bills, checks,
     or other financial matters?             @3

d.   Help by taking him/her shopping or to
     the doctor's office?                    @4

e.   Help in any other way?  Specify         @5
```

Enter Text **HH19B1**

```
    Please specify "OTHER" type of assistance.

    @
```

Enter Number **HH20B**

On average, how many hours a week did [fill TEMPNAME] usually spend providing care or assistance for [fill OUTSIDNAM]?

@ Hours

Mark One Only **HH21B**

During the past month, did [fill OUTSIDNAM] receive similar unpaid care or assistance from any other persons?

(1) Yes
(2) No

@

Enter Number **HH21B1**

Think about the last month, how many hours per week of unpaid care or assistance did [fill OUTSIDNAM] usually receive from that person(s)?

@ Hours

Mark One Only **HH22B**

During the past month, did [fill TEMPNAME] regularly spend time with [fill OUTSIDNAM] in order to provide companionship and emotional support because of this illness or disability?

(1) Yes
(2) No

@

Mark One Only **HH24B**

Sometimes people receive professional home health care services such as visits by nurses or therapists or home health aides. Did [fill OUTSIDNAM] receive professional health care or assistance during the past month?

(1) Yes
(2) No

@

Enter Number **HH24B1**

In terms of professional care and assistance from home health care services, how many hours per week did [fill OUTSIDNAM] usually receive in the past month?

@ Hours

Items Booklet Index

Alphabetical index for the Items Booklet

APPENDIX B

Working Papers

For an updated list of SIPP Working Papers always refer to the U.S. Census Bureau's SIPP Internet site at http://www.census.gov/programs-surveys/sipp/working-papers.html. The Internet site will be updated as additional Working Papers become available.

APPENDIX C

User Notes

This section is reserved for User Notes, which provide any information relevant to the SIPP, *2008 Panel Wave 9 Topical Module Microdata File* that indicates any specific problems with the data. User Notes are organized by Panel and Wave.

For an updated list of User Notes always refer to the U.S. Census Bureau's SIPP Internet site at http://www.census.gov/programs-surveys/sipp/. The User Notes can be found on the "Data" page under the Panel and Wave designation. For example, if you are looking for User Notes for Wave 12 of SIPP 2008 you click the link for "SIPP 2008 Panel Data" on the "Data" page, then click the link under "Related data" for "2008 Panel Wave 12" and cursor down the page until you find the "Wave 12 User Notes". The Internet site will be updated as additional User Notes become available.